

TABLE 1. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2004 NATIONAL PERENNIAL RYEGRASS TEST AT AMES, IA 1/ 2005 DATA TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                      | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | PERCENT ESTABLISH-<br>MENT | QUALITY RATINGS |     |     |     |     | MEAN |
|---------------------------|---------------|----------------|--------------|----------------------------|-----------------|-----|-----|-----|-----|------|
|                           |               |                |              |                            | MAY             | JUN | JUL | AUG | SEP |      |
| GPR                       | 8.0           | 8.0            | 8            | 80.0                       | 7.7             | 8.7 | 8.7 | 8.0 | 8.0 | 8.2  |
| APR 1648                  | 7.7           | 7.7            | 8            | 73.3                       | 8.0             | 8.3 | 8.3 | 8.0 | 8.0 | 8.1  |
| ASP6006 (LPFG)            | 8.3           | 8.0            | 8            | 80.0                       | 8.3             | 8.7 | 7.7 | 8.0 | 8.0 | 8.1  |
| HARRIER (SRX 4UP3)        | 8.3           | 7.0            | 8            | 80.0                       | 8.0             | 8.0 | 8.7 | 8.0 | 7.7 | 8.1  |
| PARAGON GLR               | 8.0           | 7.7            | 8            | 76.7                       | 8.0             | 8.7 | 8.0 | 8.0 | 8.0 | 8.1  |
| PM 101                    | 8.0           | 7.7            | 8            | 73.3                       | 8.3             | 8.0 | 8.0 | 8.0 | 8.0 | 8.1  |
| RAD-PR8                   | 8.0           | 7.3            | 8            | 76.7                       | 7.7             | 8.3 | 8.3 | 8.0 | 8.0 | 8.1  |
| RNS                       | 8.3           | 7.3            | 8            | 80.0                       | 7.3             | 9.0 | 8.0 | 8.0 | 8.0 | 8.1  |
| SP4                       | 8.0           | 8.0            | 8            | 76.7                       | 8.0             | 8.3 | 8.0 | 8.0 | 8.0 | 8.1  |
| SILVER DOLLAR             | 7.7           | 7.3            | 8            | 73.3                       | 7.7             | 8.0 | 8.3 | 8.0 | 8.0 | 8.0  |
| DCM                       | 8.0           | 7.3            | 8            | 76.7                       | 8.0             | 8.0 | 8.3 | 7.7 | 8.0 | 8.0  |
| FUSION                    | 8.0           | 7.0            | 8            | 80.0                       | 7.3             | 8.3 | 8.3 | 8.0 | 8.0 | 8.0  |
| DERBY XTREME (IS-PR 268)  | 8.3           | 7.3            | 8            | 80.0                       | 7.7             | 8.0 | 8.3 | 8.0 | 8.0 | 8.0  |
| KEYSTONE 2 (IS-PR 312)    | 7.3           | 7.7            | 8            | 80.0                       | 8.0             | 8.0 | 8.3 | 8.0 | 7.7 | 8.0  |
| ALL*STAR 3 (IS-PR 274)    | 8.3           | 7.3            | 8            | 80.0                       | 7.3             | 8.3 | 8.3 | 8.0 | 8.0 | 8.0  |
| QUICKSILVER               | 8.0           | 7.7            | 8            | 76.7                       | 7.7             | 8.3 | 8.0 | 8.0 | 8.0 | 8.0  |
| BUENA VISTA               | 8.3           | 7.3            | 8            | 80.0                       | 7.3             | 8.0 | 8.3 | 8.0 | 7.7 | 7.9  |
| D04-11T                   | 7.7           | 7.7            | 8            | 76.7                       | 8.0             | 7.7 | 8.3 | 7.7 | 7.7 | 7.9  |
| D04-LP05                  | 8.0           | 7.0            | 8            | 76.7                       | 7.3             | 8.3 | 8.3 | 7.7 | 7.7 | 7.9  |
| D04-UP                    | 8.0           | 7.7            | 8            | 76.7                       | 7.7             | 7.7 | 8.0 | 8.0 | 8.0 | 7.9  |
| DP1                       | 8.0           | 7.7            | 8            | 73.3                       | 7.7             | 8.0 | 8.3 | 8.0 | 7.7 | 7.9  |
| GRAY STAR (PST-2LGL)      | 7.7           | 7.7            | 8            | 80.0                       | 7.0             | 8.3 | 8.0 | 8.0 | 8.0 | 7.9  |
| CABO II (IS-PR 233)       | 8.3           | 8.0            | 8            | 76.7                       | 7.7             | 8.0 | 8.0 | 8.0 | 8.0 | 7.9  |
| KOKOMO II (IS-PR 235)     | 8.0           | 7.3            | 8            | 76.7                       | 8.0             | 8.3 | 8.0 | 7.7 | 7.7 | 7.9  |
| IS-PR 236                 | 8.3           | 7.7            | 8            | 76.7                       | 7.7             | 8.0 | 8.3 | 7.7 | 7.7 | 7.9  |
| MMW                       | 8.3           | 7.3            | 8            | 76.7                       | 7.3             | 8.0 | 8.0 | 8.0 | 8.0 | 7.9  |
| PINNACLE II               | 8.0           | 7.7            | 8            | 73.3                       | 7.7             | 8.0 | 8.0 | 8.0 | 7.7 | 7.9  |
| PRIMARY (IS-PR 269)       | 8.0           | 7.0            | 8            | 76.7                       | 7.3             | 8.0 | 8.0 | 8.0 | 8.0 | 7.9  |
| PST-2MNG                  | 8.0           | 6.0            | 8            | 76.7                       | 7.3             | 8.3 | 8.7 | 8.0 | 7.3 | 7.9  |
| TOP GUN II (JR-324)       | 8.3           | 7.7            | 8            | 76.7                       | 8.0             | 8.0 | 8.0 | 7.7 | 7.7 | 7.9  |
| ASP6004 (EXS54)           | 8.3           | 8.0            | 8            | 73.3                       | 7.7             | 8.0 | 7.7 | 7.7 | 8.0 | 7.8  |
| D04-1667                  | 8.0           | 7.0            | 8            | 73.3                       | 7.3             | 8.0 | 8.0 | 7.7 | 8.0 | 7.8  |
| GL-2                      | 8.0           | 7.0            | 8            | 76.7                       | 7.7             | 8.0 | 7.7 | 8.0 | 7.7 | 7.8  |
| INSPIRE                   | 7.7           | 6.7            | 8            | 76.7                       | 7.3             | 8.0 | 7.7 | 8.0 | 8.0 | 7.8  |
| PIANIST (DP 17-9505)      | 7.7           | 7.0            | 8            | 73.3                       | 7.7             | 8.0 | 7.7 | 8.0 | 7.7 | 7.8  |
| PROTEGE GLR               | 7.3           | 6.3            | 8            | 76.7                       | 7.0             | 8.0 | 8.0 | 8.0 | 8.0 | 7.8  |
| PST-2AG4                  | 8.3           | 7.3            | 8            | 80.0                       | 7.0             | 8.0 | 8.0 | 8.0 | 8.0 | 7.8  |
| PWDR                      | 8.0           | 7.7            | 8            | 70.0                       | 8.0             | 8.0 | 7.3 | 8.0 | 7.7 | 7.8  |
| RG3P                      | 7.7           | 7.7            | 8            | 76.7                       | 7.3             | 8.3 | 7.7 | 8.0 | 7.7 | 7.8  |
| AC2                       | 8.0           | 8.0            | 8            | 80.0                       | 7.0             | 7.7 | 7.7 | 8.0 | 8.0 | 7.7  |
| LINE DRIVE GLS (APR 1797) | 8.0           | 7.7            | 8            | 76.7                       | 7.3             | 8.0 | 8.0 | 7.7 | 7.7 | 7.7  |
| ASP6001 (RTS)             | 7.7           | 8.0            | 8            | 76.7                       | 7.3             | 8.0 | 7.3 | 8.0 | 7.7 | 7.7  |
| ASP6002 (BPR)             | 8.0           | 7.7            | 8            | 73.3                       | 8.3             | 7.0 | 7.7 | 8.0 | 7.7 | 7.7  |
| ASP6005 (AJM)             | 8.0           | 7.7            | 8            | 76.7                       | 8.0             | 7.7 | 7.7 | 7.3 | 7.7 | 7.7  |
| BAR LP 4317               | 8.0           | 7.0            | 8            | 80.0                       | 7.3             | 8.0 | 7.7 | 7.3 | 8.0 | 7.7  |
| BAR LP 4920               | 7.7           | 7.0            | 8            | 80.0                       | 7.7             | 7.7 | 7.3 | 8.0 | 8.0 | 7.7  |
| DP 17-9499                | 7.7           | 7.3            | 8            | 70.0                       | 7.3             | 8.0 | 7.7 | 8.0 | 7.3 | 7.7  |

TABLE 1.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT AMES, IA 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                               | GENETIC<br>COLOR | SPRING<br>GREENUP | LEAF<br>TEXTURE | PERCENT<br>ESTABLISH-<br>MENT | QUALITY RATINGS |     |     |     |     | MEAN |
|------------------------------------|------------------|-------------------|-----------------|-------------------------------|-----------------|-----|-----|-----|-----|------|
|                                    |                  |                   |                 |                               | MAY             | JUN | JUL | AUG | SEP |      |
| E-99                               | 7.7              | 7.0               | 8               | 80.0                          | 7.7             | 7.7 | 7.7 | 8.0 | 7.7 | 7.7  |
| ES45                               | 8.0              | 8.0               | 8               | 80.0                          | 7.7             | 8.3 | 7.7 | 7.7 | 7.3 | 7.7  |
| EXACTA II GLSR (LTP-611-GLSR)      | 7.7              | 7.0               | 8               | 76.7                          | 7.3             | 7.7 | 7.7 | 8.0 | 8.0 | 7.7  |
| FIREBOLT (PRG HS-01-09)            | 8.0              | 7.7               | 8               | 76.7                          | 8.3             | 7.3 | 7.7 | 7.7 | 7.3 | 7.7  |
| GALATTI (DP 17-9502)               | 8.0              | 8.0               | 8               | 73.3                          | 8.0             | 7.3 | 7.3 | 8.0 | 7.7 | 7.7  |
| GOALKEEPER II (JR-114)             | 7.7              | 7.7               | 8               | 80.0                          | 7.7             | 8.0 | 7.7 | 7.7 | 7.7 | 7.7  |
| ATTRIBUTE (IS-PR 270)              | 8.0              | 7.3               | 8               | 76.7                          | 7.3             | 8.0 | 7.7 | 7.7 | 8.0 | 7.7  |
| AMAZING GS (IS-PR 276)             | 8.3              | 8.0               | 8               | 76.7                          | 7.7             | 7.7 | 7.0 | 8.0 | 8.0 | 7.7  |
| LCK                                | 8.0              | 7.3               | 8               | 76.7                          | 7.0             | 7.3 | 8.0 | 8.0 | 8.0 | 7.7  |
| MACH I                             | 8.0              | 7.3               | 8               | 80.0                          | 7.7             | 7.7 | 7.0 | 8.0 | 8.0 | 7.7  |
| MANHATTAN 5 GLR (PST-2AM)          | 7.7              | 7.0               | 8               | 80.0                          | 7.3             | 7.3 | 8.3 | 7.7 | 7.7 | 7.7  |
| PALMER IV                          | 8.0              | 7.3               | 8               | 76.7                          | 7.3             | 8.0 | 7.7 | 7.7 | 7.7 | 7.7  |
| PICK RB-1                          | 8.0              | 7.0               | 8               | 76.7                          | 7.7             | 7.7 | 7.7 | 8.0 | 7.7 | 7.7  |
| REVENGE GLX (JR-348)               | 8.0              | 6.7               | 8               | 76.7                          | 7.7             | 7.7 | 7.7 | 8.0 | 7.3 | 7.7  |
| SECRETARIAT II GLSR (LTP-101-GLSR) | 7.3              | 7.0               | 8               | 70.0                          | 7.3             | 8.7 | 7.3 | 7.3 | 7.7 | 7.7  |
| VB99                               | 7.7              | 7.7               | 8               | 76.7                          | 8.0             | 8.0 | 7.3 | 7.7 | 7.7 | 7.7  |
| AAZ-B104                           | 8.0              | 7.0               | 8               | 76.7                          | 7.3             | 7.7 | 7.3 | 8.0 | 7.7 | 7.6  |
| ACCENT II (JR-119)                 | 7.3              | 7.7               | 8               | 76.7                          | 7.3             | 8.7 | 7.3 | 7.3 | 7.3 | 7.6  |
| AF                                 | 7.7              | 7.7               | 8               | 76.7                          | 7.7             | 7.3 | 7.7 | 7.7 | 7.7 | 7.6  |
| PHENOM (APR 1660)                  | 8.0              | 7.0               | 8               | 76.7                          | 7.3             | 8.0 | 7.3 | 7.3 | 8.0 | 7.6  |
| ASP6003 (TRS)                      | 8.0              | 7.3               | 8               | 73.3                          | 7.7             | 7.7 | 7.7 | 7.7 | 7.3 | 7.6  |
| HEADSTART 2                        | 7.3              | 7.7               | 8               | 73.3                          | 7.7             | 8.0 | 7.3 | 7.7 | 7.3 | 7.6  |
| REGAL 5 (IS-PR 271)                | 8.3              | 7.7               | 8               | 73.3                          | 7.3             | 7.3 | 7.7 | 8.0 | 7.7 | 7.6  |
| LA QUINTA (JR-255)                 | 7.3              | 7.7               | 8               | 73.3                          | 7.3             | 7.7 | 7.7 | 7.7 | 7.7 | 7.6  |
| PALACE (IS-PR 273)                 | 8.0              | 8.0               | 8               | 73.3                          | 7.7             | 7.3 | 7.3 | 8.0 | 7.7 | 7.6  |
| PENTIUM                            | 7.7              | 7.0               | 8               | 80.0                          | 7.3             | 7.7 | 8.0 | 7.3 | 7.7 | 7.6  |
| PIZZAZZ                            | 7.7              | 6.7               | 8               | 80.0                          | 7.7             | 7.3 | 7.0 | 8.0 | 8.0 | 7.6  |
| PST-2GSM                           | 8.0              | 7.0               | 8               | 76.7                          | 7.3             | 7.7 | 8.0 | 7.7 | 7.3 | 7.6  |
| PST-2LAN                           | 8.0              | 7.0               | 8               | 76.7                          | 7.0             | 7.7 | 7.7 | 7.7 | 8.0 | 7.6  |
| REPELL GLS                         | 7.7              | 7.3               | 8               | 80.0                          | 7.7             | 7.3 | 7.3 | 8.0 | 7.7 | 7.6  |
| SNR                                | 8.0              | 7.7               | 8               | 73.3                          | 8.3             | 7.0 | 6.7 | 8.0 | 8.0 | 7.6  |
| VB77                               | 8.3              | 8.0               | 8               | 73.3                          | 8.0             | 7.0 | 7.7 | 7.7 | 7.7 | 7.6  |
| APR 1663                           | 7.0              | 6.7               | 8               | 80.0                          | 7.3             | 8.0 | 7.3 | 7.7 | 7.3 | 7.5  |
| APR 1664                           | 7.7              | 7.0               | 8               | 76.7                          | 7.3             | 7.7 | 8.0 | 7.7 | 7.0 | 7.5  |
| BRIGHTSTAR SLT                     | 8.0              | 7.0               | 8               | 76.7                          | 7.7             | 7.7 | 7.3 | 7.3 | 7.3 | 7.5  |
| L44                                | 8.0              | 8.0               | 8               | 70.0                          | 8.0             | 7.7 | 6.7 | 7.7 | 7.7 | 7.5  |
| MONTEREY 3 (JR-408)                | 7.3              | 7.3               | 8               | 73.3                          | 7.7             | 7.3 | 7.3 | 7.7 | 7.7 | 7.5  |
| MS2                                | 7.7              | 8.0               | 8               | 76.7                          | 7.7             | 7.0 | 7.7 | 7.7 | 7.7 | 7.5  |
| PANTHER                            | 7.3              | 6.3               | 8               | 76.7                          | 7.3             | 8.0 | 8.0 | 7.0 | 7.3 | 7.5  |
| PANTHER GLS                        | 8.0              | 7.3               | 8               | 70.0                          | 7.0             | 7.7 | 7.3 | 7.7 | 8.0 | 7.5  |
| DELAWARE XL (PICK 01-2)            | 7.7              | 7.0               | 8               | 76.7                          | 8.0             | 7.3 | 7.3 | 7.7 | 7.0 | 7.5  |
| PM 102                             | 8.0              | 7.7               | 8               | 76.7                          | 7.3             | 7.7 | 7.3 | 7.7 | 7.7 | 7.5  |
| PM 103                             | 7.7              | 7.7               | 8               | 70.0                          | 7.7             | 7.3 | 7.3 | 7.7 | 7.7 | 7.5  |
| PST-217                            | 7.7              | 7.3               | 8               | 76.7                          | 7.7             | 7.7 | 7.0 | 7.7 | 7.3 | 7.5  |
| TR47                               | 8.0              | 8.0               | 8               | 76.7                          | 8.0             | 7.3 | 7.0 | 7.7 | 7.7 | 7.5  |
| O4-BRE                             | 8.3              | 7.7               | 8               | 76.7                          | 7.7             | 7.0 | 7.0 | 7.3 | 8.0 | 7.4  |
| BAR LP 4420                        | 7.7              | 7.3               | 8               | 76.7                          | 7.0             | 7.7 | 7.0 | 7.7 | 7.7 | 7.4  |

TABLE 1.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT AMES, IA 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                              | GENETIC<br>COLOR | SPRING<br>GREENUP | LEAF<br>TEXTURE | PERCENT<br>ESTABLISH-<br>MENT | QUALITY RATINGS |     |      |     |     | MEAN |
|-----------------------------------|------------------|-------------------|-----------------|-------------------------------|-----------------|-----|------|-----|-----|------|
|                                   |                  |                   |                 |                               | MAY             | JUN | JUL  | AUG | SEP |      |
| CITATION FORE                     | 7.3              | 6.7               | 8.0             | 80.0                          | 7.0             | 7.7 | 7.7  | 7.3 | 7.3 | 7.4  |
| HALO (KN42)                       | 7.7              | 7.7               | 8.0             | 73.3                          | 7.7             | 7.0 | 7.0  | 7.7 | 7.7 | 7.4  |
| FIESTA 4 (PICK F4)                | 7.7              | 7.7               | 8.0             | 73.3                          | 7.7             | 7.7 | 7.0  | 7.7 | 7.0 | 7.4  |
| SRX 4692                          | 7.7              | 6.7               | 8.0             | 80.0                          | 7.0             | 7.3 | 7.7  | 7.3 | 7.7 | 7.4  |
| BARLENNIUM                        | 8.0              | 6.7               | 8.0             | 76.7                          | 7.7             | 7.0 | 7.3  | 7.7 | 7.0 | 7.3  |
| CADDIESHACK II (JR-163)           | 7.7              | 7.0               | 8.0             | 76.7                          | 7.0             | 7.7 | 7.0  | 7.7 | 7.0 | 7.3  |
| CHARISMATIC II GLSR (LTP-PG-GLSR) | 7.7              | 7.0               | 8.0             | 70.0                          | 7.3             | 7.7 | 7.0  | 7.3 | 7.3 | 7.3  |
| DP 17-9788                        | 7.3              | 7.0               | 8.0             | 76.7                          | 7.0             | 7.3 | 7.3  | 7.7 | 7.3 | 7.3  |
| OVERDRIVE                         | 8.0              | 7.3               | 8.0             | 76.7                          | 7.3             | 7.3 | 7.3  | 7.3 | 7.3 | 7.3  |
| PREMIER II                        | 8.0              | 6.3               | 8.0             | 80.0                          | 7.3             | 7.3 | 7.3  | 7.0 | 7.7 | 7.3  |
| PRESIDIO (CNV)                    | 7.3              | 7.7               | 8.0             | 70.0                          | 7.7             | 7.0 | 6.7  | 7.7 | 7.3 | 7.3  |
| SR 4600 (SRX 4SP)                 | 8.3              | 6.7               | 8.0             | 76.7                          | 7.0             | 7.0 | 7.0  | 8.0 | 7.7 | 7.3  |
| SUNSHINE 2                        | 7.7              | 7.3               | 8.0             | 73.3                          | 7.7             | 7.0 | 7.0  | 7.3 | 7.3 | 7.3  |
| 04-BEN                            | 8.0              | 7.0               | 8.0             | 73.3                          | 7.3             | 7.0 | 7.0  | 7.3 | 7.3 | 7.2  |
| APR 1670                          | 7.7              | 7.3               | 8.0             | 76.7                          | 7.3             | 7.0 | 7.0  | 7.3 | 7.3 | 7.2  |
| PALMER III                        | 7.3              | 7.0               | 8.0             | 76.7                          | 7.0             | 7.0 | 7.0  | 7.7 | 7.3 | 7.2  |
| PICK 02-R                         | 8.0              | 7.7               | 8.0             | 73.3                          | 8.0             | 6.7 | 6.7  | 7.3 | 7.3 | 7.2  |
| PS-2                              | 7.7              | 7.0               | 8.0             | 76.7                          | 7.0             | 7.3 | 6.7  | 7.7 | 7.3 | 7.2  |
| PST-2BLK                          | 8.0              | 7.7               | 8.0             | 70.0                          | 7.3             | 7.0 | 6.7  | 7.7 | 7.3 | 7.2  |
| LPR 02203                         | 7.0              | 6.3               | 8.0             | 80.0                          | 7.0             | 7.0 | 6.7  | 7.0 | 7.0 | 6.9  |
| SRX 4682                          | 7.0              | 6.7               | 7.7             | 80.0                          | 7.3             | 7.0 | 6.3  | 7.0 | 7.0 | 6.9  |
| AFFINITY                          | 7.3              | 5.7               | 7.7             | 73.3                          | 6.0             | 7.0 | 7.0  | 7.0 | 6.7 | 6.7  |
| PINNACLE                          | 6.7              | 6.0               | 7.3             | 76.7                          | 6.0             | 6.7 | 6.7  | 7.0 | 6.0 | 6.5  |
| PREMIER                           | 6.7              | 6.0               | 7.0             | 80.0                          | 7.0             | 6.3 | 6.0  | 6.7 | 6.7 | 6.5  |
| LINN                              | 6.0              | 5.0               | 5.7             | 80.0                          | 5.0             | 5.7 | 5.3  | 6.0 | 6.0 | 5.6  |
| LSD VALUE                         | 0.9              | 0.7               | 0.2             | 30.3                          | 1.2             | 1.8 | 1.9  | 0.8 | 0.9 | 0.7  |
| C.V. (%)                          | 5.9              | 6.0               | 1.3             | 7.0                           | 7.6             | 9.5 | 10.4 | 5.2 | 5.9 | 5.1  |

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 2. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2004 NATIONAL PERENNIAL RYEGRASS TEST AT URBANA, IL 1/ 2005 DATA TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                      | GENETIC COLOR | SPRING GREENUP | PERCENT ESTABLISH-<br>MENT | QUALITY RATINGS |     |     |     |     |     |     | MEAN |
|---------------------------|---------------|----------------|----------------------------|-----------------|-----|-----|-----|-----|-----|-----|------|
|                           |               |                |                            | APR             | MAY | JUN | JUL | AUG | SEP | OCT |      |
| PM 101                    | 6.3           | 7.0            | 85.0                       | 5.7             | 6.3 | 6.3 | 6.3 | 5.3 | 7.3 | 6.0 | 6.2  |
| MACH I                    | 7.0           | 6.7            | 75.0                       | 6.0             | 6.7 | 7.0 | 4.7 | 6.0 | 5.7 | 6.7 | 6.1  |
| PWDR                      | 6.3           | 7.0            | 76.7                       | 5.0             | 6.7 | 7.3 | 5.3 | 5.7 | 6.3 | 6.3 | 6.1  |
| D04-1667                  | 5.7           | 6.0            | 83.3                       | 5.7             | 5.7 | 6.7 | 6.0 | 5.7 | 5.7 | 6.3 | 6.0  |
| DP 17-9499                | 5.7           | 6.3            | 83.3                       | 6.0             | 6.7 | 6.7 | 6.7 | 4.7 | 5.0 | 6.0 | 6.0  |
| OVERDRIVE                 | 5.3           | 6.7            | 88.3                       | 5.0             | 5.7 | 6.3 | 6.3 | 5.3 | 7.0 | 6.3 | 6.0  |
| PANTHER GLS               | 5.7           | 7.0            | 88.3                       | 5.7             | 6.0 | 6.0 | 6.3 | 5.7 | 6.0 | 6.0 | 6.0  |
| PALMER IV                 | 6.7           | 7.0            | 88.0                       | 5.7             | 6.0 | 6.3 | 5.3 | 5.7 | 6.0 | 6.0 | 5.9  |
| PINNACLE II               | 6.0           | 7.0            | 85.0                       | 6.0             | 6.0 | 6.0 | 6.0 | 4.3 | 6.0 | 6.3 | 5.8  |
| D04-11T                   | 6.0           | 7.0            | 85.0                       | 5.0             | 6.3 | 6.0 | 5.3 | 6.0 | 5.7 | 5.3 | 5.7  |
| REGAL 5 (IS-PR 271)       | 6.0           | 7.3            | 81.7                       | 4.0             | 5.0 | 7.0 | 5.3 | 5.7 | 6.0 | 6.7 | 5.7  |
| RG3P                      | 5.7           | 7.0            | 83.3                       | 6.0             | 6.3 | 6.7 | 6.3 | 4.7 | 4.7 | 5.3 | 5.7  |
| APR 1648                  | 6.0           | 6.7            | 85.0                       | 4.3             | 5.0 | 6.7 | 5.3 | 5.7 | 6.3 | 6.0 | 5.6  |
| BAR LP 4317               | 5.3           | 6.7            | 83.3                       | 5.0             | 5.3 | 6.3 | 6.3 | 5.0 | 5.7 | 5.3 | 5.6  |
| CITATION FORE             | 5.0           | 6.3            | 91.3                       | 5.3             | 6.0 | 5.7 | 5.3 | 5.7 | 5.7 | 5.3 | 5.6  |
| AMAZING GS (IS-PR 276)    | 6.7           | 7.0            | 78.3                       | 4.7             | 5.3 | 6.0 | 5.3 | 5.0 | 6.3 | 6.7 | 5.6  |
| KEYSTONE 2 (IS-PR 312)    | 6.0           | 7.0            | 78.3                       | 4.7             | 5.3 | 6.0 | 5.7 | 5.3 | 5.7 | 6.3 | 5.6  |
| ASP6006 (LPGF)            | 6.3           | 7.0            | 86.7                       | 5.0             | 5.7 | 6.7 | 5.3 | 4.3 | 6.0 | 6.0 | 5.6  |
| MS2                       | 6.7           | 7.0            | 80.0                       | 5.3             | 6.0 | 6.0 | 4.0 | 5.3 | 6.3 | 6.0 | 5.6  |
| ASP6005 (AJM)             | 6.7           | 7.0            | 75.0                       | 4.7             | 5.3 | 6.3 | 6.3 | 4.3 | 5.7 | 6.0 | 5.5  |
| BAR LP 4420               | 5.7           | 7.0            | 80.0                       | 5.0             | 5.7 | 6.0 | 5.7 | 4.3 | 5.7 | 6.0 | 5.5  |
| PRESIDIO (CNV)            | 6.0           | 6.7            | 73.3                       | 4.3             | 5.3 | 6.3 | 5.7 | 5.0 | 5.7 | 6.0 | 5.5  |
| FUSION                    | 6.3           | 7.0            | 90.0                       | 4.3             | 5.0 | 6.7 | 5.7 | 4.3 | 6.0 | 6.7 | 5.5  |
| HEADSTART 2               | 5.7           | 7.3            | 75.0                       | 5.7             | 6.0 | 6.3 | 5.3 | 4.7 | 5.7 | 5.0 | 5.5  |
| INSPIRE                   | 5.0           | 6.7            | 93.0                       | 5.7             | 5.7 | 5.7 | 5.7 | 5.3 | 5.7 | 4.7 | 5.5  |
| DERBY XTREME (IS-PR 268)  | 6.3           | 7.0            | 84.7                       | 4.7             | 6.0 | 6.0 | 5.0 | 5.0 | 5.3 | 6.3 | 5.5  |
| PALACE (IS-PR 273)        | 6.7           | 7.0            | 76.7                       | 4.0             | 5.0 | 6.3 | 4.7 | 5.7 | 6.0 | 6.7 | 5.5  |
| LCK                       | 6.3           | 7.0            | 84.7                       | 5.0             | 5.7 | 6.3 | 5.3 | 4.7 | 5.7 | 6.0 | 5.5  |
| PENTIUM                   | 4.0           | 6.0            | 86.3                       | 4.7             | 4.7 | 6.3 | 6.0 | 5.7 | 5.7 | 5.3 | 5.5  |
| PS-2                      | 5.0           | 7.0            | 73.3                       | 5.0             | 5.0 | 6.3 | 6.0 | 4.7 | 5.7 | 5.7 | 5.5  |
| PST-217                   | 5.7           | 6.7            | 85.0                       | 4.3             | 5.3 | 6.0 | 5.7 | 5.0 | 6.3 | 6.0 | 5.5  |
| PST-2BLK                  | 5.3           | 7.3            | 75.0                       | 5.3             | 5.7 | 6.3 | 6.0 | 4.7 | 5.3 | 5.3 | 5.5  |
| RAD-PR8                   | 5.0           | 6.0            | 80.0                       | 5.7             | 6.0 | 6.3 | 4.3 | 4.7 | 5.7 | 6.0 | 5.5  |
| REPELL GLS                | 5.3           | 6.7            | 93.3                       | 5.3             | 5.7 | 5.7 | 6.0 | 4.7 | 5.3 | 6.0 | 5.5  |
| \$ILVER DOLLAR            | 5.3           | 7.0            | 89.7                       | 5.0             | 5.7 | 5.7 | 5.7 | 5.3 | 5.7 | 5.0 | 5.4  |
| DP 17-9788                | 4.0           | 6.0            | 81.7                       | 6.0             | 6.0 | 6.3 | 4.3 | 4.0 | 5.0 | 6.3 | 5.4  |
| PARAGON GLR               | 5.7           | 7.0            | 80.0                       | 5.0             | 5.3 | 5.7 | 5.0 | 6.0 | 5.7 | 5.3 | 5.4  |
| MANHATTAN 5 GLR (PST-2AM) | 5.3           | 6.3            | 85.0                       | 5.0             | 5.3 | 5.0 | 5.0 | 5.3 | 5.7 | 6.3 | 5.4  |
| QUICKSILVER               | 6.3           | 6.7            | 78.3                       | 5.0             | 5.0 | 6.7 | 5.0 | 4.3 | 6.0 | 5.7 | 5.4  |
| RNS                       | 6.0           | 7.0            | 93.0                       | 4.7             | 5.7 | 6.0 | 5.7 | 5.0 | 5.7 | 5.3 | 5.4  |
| SP4                       | 6.3           | 6.7            | 80.0                       | 4.3             | 5.7 | 6.7 | 5.3 | 4.7 | 5.7 | 5.7 | 5.4  |
| TR47                      | 6.7           | 7.0            | 75.0                       | 4.7             | 6.0 | 6.0 | 4.0 | 5.3 | 6.0 | 6.0 | 5.4  |
| AAZ-B104                  | 6.0           | 6.7            | 83.3                       | 4.7             | 5.7 | 5.7 | 5.0 | 5.0 | 5.3 | 6.0 | 5.3  |
| LINE DRIVE GLS (APR 1797) | 5.3           | 7.0            | 86.7                       | 4.3             | 4.7 | 6.0 | 6.3 | 5.3 | 5.7 | 5.0 | 5.3  |
| ARR 1664                  | 5.7           | 6.7            | 86.7                       | 4.7             | 5.3 | 6.3 | 5.7 | 4.0 | 5.3 | 6.0 | 5.3  |
| GL-2                      | 5.0           | 7.0            | 88.3                       | 3.7             | 4.7 | 5.0 | 7.0 | 6.0 | 5.3 | 5.7 | 5.3  |
| GRAY STAR (PST-2LGL)      | 6.0           | 7.0            | 86.7                       | 5.0             | 5.7 | 7.0 | 5.3 | 4.3 | 4.7 | 5.3 | 5.3  |

TABLE 2. (CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2004 NATIONAL PERENNIAL RYEGRASS TEST AT URBANA, IL 1/ 2005 DATA TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                               | GENETIC COLOR | SPRING GREENUP | PERCENT ESTABLISH-<br>MENT | QUALITY RATINGS |     |     |     |     |     |     |     | MEAN |
|------------------------------------|---------------|----------------|----------------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|------|
|                                    |               |                |                            | APR             | MAY | JUN | JUL | AUG | SEP | OCT |     |      |
| TOP GUN II (JR-324)                | 5.7           | 7.0            | 86.7                       | 4.3             | 5.0 | 6.3 | 5.7 | 4.7 | 6.0 | 5.3 | 5.3 |      |
| APR 1663                           | 5.3           | 6.7            | 78.3                       | 5.0             | 5.0 | 5.3 | 4.7 | 5.3 | 6.0 | 5.0 | 5.2 |      |
| APR 1670                           | 4.7           | 6.0            | 88.3                       | 4.7             | 5.3 | 6.0 | 5.3 | 4.7 | 5.3 | 5.0 | 5.2 |      |
| ASP6004 (EXS54)                    | 6.3           | 7.0            | 73.3                       | 4.3             | 4.7 | 6.3 | 6.0 | 5.0 | 5.0 | 5.3 | 5.2 |      |
| LA QUINTA (JR-255)                 | 5.7           | 6.7            | 70.0                       | 4.7             | 6.3 | 6.0 | 5.3 | 4.7 | 5.0 | 4.3 | 5.2 |      |
| MMW                                | 6.3           | 7.0            | 85.0                       | 4.3             | 5.3 | 6.7 | 5.3 | 4.7 | 5.3 | 5.0 | 5.2 |      |
| SNR                                | 6.7           | 7.0            | 78.3                       | 4.0             | 5.7 | 6.0 | 4.7 | 4.3 | 5.7 | 6.0 | 5.2 |      |
| SRX 4682                           | 4.3           | 7.0            | 76.7                       | 5.3             | 6.0 | 6.3 | 4.7 | 5.3 | 4.7 | 4.3 | 5.2 |      |
| O4-BEN                             | 5.3           | 7.0            | 76.7                       | 5.0             | 5.7 | 5.0 | 5.0 | 4.7 | 5.3 | 5.0 | 5.1 |      |
| BAR LP 4920                        | 4.7           | 6.7            | 88.0                       | 4.3             | 4.3 | 6.3 | 4.7 | 5.3 | 5.3 | 5.3 | 5.1 |      |
| DO4-UP                             | 6.7           | 7.0            | 78.3                       | 4.0             | 5.0 | 5.3 | 4.7 | 5.3 | 6.0 | 5.7 | 5.1 |      |
| PIANIST (DP 17-9505)               | 5.0           | 6.3            | 76.7                       | 6.0             | 5.7 | 5.7 | 4.3 | 4.7 | 5.0 | 4.7 | 5.1 |      |
| ATTRIBUTE (IS-PR 270)              | 6.3           | 7.0            | 88.3                       | 4.0             | 4.3 | 5.7 | 5.7 | 4.7 | 5.7 | 5.7 | 5.1 |      |
| PM 102                             | 5.7           | 7.7            | 73.3                       | 5.3             | 6.0 | 6.7 | 4.3 | 3.7 | 5.0 | 4.7 | 5.1 |      |
| SECRETARIAT II GLSR (LTP-101-GLSR) | 4.7           | 7.0            | 78.3                       | 4.7             | 4.7 | 6.3 | 5.7 | 4.3 | 5.7 | 4.7 | 5.1 |      |
| PHENOM (APR 1660)                  | 5.7           | 7.0            | 88.0                       | 4.3             | 4.3 | 5.3 | 5.0 | 5.0 | 5.7 | 5.0 | 5.0 |      |
| ASP6002 (BPR)                      | 6.0           | 6.7            | 78.3                       | 3.7             | 4.3 | 6.7 | 6.0 | 3.7 | 5.3 | 5.3 | 5.0 |      |
| CHARISMATIC II GLSR (LTP-PG-GLSR)  | 5.7           | 6.7            | 75.0                       | 4.0             | 4.3 | 5.0 | 4.7 | 5.3 | 5.7 | 6.0 | 5.0 |      |
| DCM                                | 5.3           | 7.0            | 83.3                       | 5.0             | 5.0 | 5.7 | 5.3 | 4.0 | 5.0 | 4.7 | 5.0 |      |
| GALATTI (DP 17-9502)               | 4.3           | 6.3            | 91.3                       | 5.7             | 6.0 | 7.0 | 5.0 | 3.7 | 4.3 | 3.7 | 5.0 |      |
| DP1                                | 6.0           | 7.0            | 71.7                       | 3.7             | 4.0 | 5.7 | 5.7 | 4.7 | 6.0 | 5.3 | 5.0 |      |
| IS-PR 236                          | 6.3           | 7.0            | 80.0                       | 4.0             | 5.0 | 6.0 | 5.3 | 4.0 | 5.3 | 5.3 | 5.0 |      |
| PRIMARY (IS-PR 269)                | 5.7           | 6.7            | 78.3                       | 4.3             | 5.0 | 6.3 | 5.3 | 3.7 | 4.3 | 6.0 | 5.0 |      |
| REVENGE GLX (JR-348)               | 5.7           | 7.0            | 85.0                       | 4.7             | 5.3 | 6.0 | 5.0 | 4.7 | 5.0 | 4.7 | 5.0 |      |
| PROTEGE GLR                        | 5.3           | 7.0            | 93.3                       | 4.7             | 5.0 | 5.3 | 5.3 | 4.7 | 5.0 | 5.0 | 5.0 |      |
| SUNSHINE 2                         | 5.0           | 7.0            | 76.7                       | 4.0             | 6.3 | 6.7 | 5.0 | 4.0 | 4.7 | 4.7 | 5.0 |      |
| AC2                                | 5.3           | 7.0            | 80.0                       | 4.7             | 5.0 | 6.3 | 5.0 | 4.3 | 5.3 | 3.7 | 4.9 |      |
| E-99                               | 5.0           | 6.3            | 80.0                       | 4.7             | 5.3 | 5.7 | 5.0 | 4.0 | 5.0 | 4.7 | 4.9 |      |
| HALO (KN42)                        | 6.7           | 7.0            | 86.3                       | 4.0             | 4.7 | 6.7 | 5.0 | 4.7 | 4.7 | 4.7 | 4.9 |      |
| CABO II (IS-PR 233)                | 7.0           | 6.7            | 80.0                       | 4.7             | 4.7 | 6.0 | 4.7 | 4.0 | 5.7 | 4.7 | 4.9 |      |
| ACCENT II (JR-119)                 | 4.7           | 6.7            | 81.7                       | 4.0             | 5.0 | 6.0 | 5.3 | 5.0 | 4.7 | 4.0 | 4.9 |      |
| PALMER III                         | 4.0           | 6.3            | 73.3                       | 5.0             | 5.3 | 6.0 | 4.3 | 4.3 | 4.7 | 4.3 | 4.9 |      |
| PIZZAZZ                            | 5.7           | 6.7            | 80.0                       | 4.3             | 4.7 | 5.7 | 4.7 | 4.3 | 5.0 | 5.3 | 4.9 |      |
| SR 4600 (SRX 4SP)                  | 5.0           | 6.7            | 78.3                       | 5.0             | 5.3 | 5.3 | 4.3 | 5.0 | 4.3 | 4.7 | 4.9 |      |
| VB77                               | 5.7           | 7.0            | 86.7                       | 4.3             | 5.0 | 6.7 | 5.0 | 4.3 | 4.3 | 4.3 | 4.9 |      |
| BUENA VISTA                        | 6.3           | 6.7            | 91.3                       | 3.7             | 4.7 | 6.0 | 5.3 | 4.0 | 5.0 | 4.7 | 4.8 |      |
| DO4-LPO5                           | 4.3           | 7.0            | 76.7                       | 3.7             | 5.0 | 5.3 | 5.3 | 4.3 | 4.7 | 5.0 | 4.8 |      |
| ALL*STAR 3 (IS-PR 274)             | 6.3           | 7.0            | 88.3                       | 3.7             | 4.7 | 6.3 | 5.0 | 4.3 | 4.7 | 5.0 | 4.8 |      |
| GOALKEEPER II (JR-114)             | 4.0           | 6.7            | 80.0                       | 3.7             | 4.3 | 6.0 | 6.3 | 4.0 | 4.7 | 4.3 | 4.8 |      |
| FIESTA 4 (PICK F4)                 | 6.0           | 6.7            | 88.3                       | 3.7             | 5.0 | 6.3 | 5.3 | 4.0 | 4.3 | 4.7 | 4.8 |      |
| HARRIER (SRX 4UP3)                 | 5.7           | 7.0            | 81.7                       | 4.3             | 5.3 | 5.7 | 4.3 | 5.0 | 4.7 | 4.3 | 4.8 |      |
| EXACTA II GLSR (LTP-611-GLSR)      | 6.3           | 7.0            | 88.0                       | 3.0             | 3.3 | 5.3 | 5.3 | 4.7 | 5.0 | 6.3 | 4.7 |      |
| KOKOMO II (IS-PR 235)              | 6.0           | 7.0            | 78.3                       | 5.0             | 5.0 | 5.3 | 4.7 | 4.0 | 4.3 | 4.3 | 4.7 |      |
| PRG HS-01-09                       | 5.7           | 7.0            | 81.7                       | 3.3             | 5.0 | 6.0 | 5.0 | 4.0 | 5.0 | 4.7 | 4.7 |      |
| PST-2AG4                           | 6.3           | 7.0            | 91.3                       | 3.7             | 4.7 | 5.3 | 5.0 | 3.7 | 5.3 | 5.0 | 4.7 |      |
| PST-2GSM                           | 4.7           | 7.0            | 81.7                       | 3.3             | 4.0 | 5.7 | 5.0 | 5.0 | 4.7 | 5.0 | 4.7 |      |
| PST-2MNG                           | 5.3           | 6.7            | 78.3                       | 4.0             | 4.7 | 5.3 | 5.7 | 4.3 | 4.3 | 4.7 | 4.7 |      |

TABLE 2.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT URBANA, IL 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                    | GENETIC<br>COLOR | SPRING<br>GREENUP | PERCENT<br>ESTABLISH-<br>MENT | QUALITY RATINGS |      |      |      |      |      |      | MEAN |
|-------------------------|------------------|-------------------|-------------------------------|-----------------|------|------|------|------|------|------|------|
|                         |                  |                   |                               | APR             | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  |      |
| BRIGHTSTAR SLT          | 5.0              | 6.3               | 83.3                          | 4.7             | 5.0  | 6.0  | 3.7  | 4.3  | 4.3  | 4.0  | 4.6  |
| GPR                     | 6.0              | 7.0               | 83.3                          | 3.7             | 4.3  | 6.0  | 4.0  | 4.7  | 5.0  | 5.3  | 4.6  |
| MONTEREY 3 (JR-408)     | 5.3              | 6.7               | 70.0                          | 3.7             | 3.3  | 7.0  | 5.3  | 3.7  | 4.3  | 4.7  | 4.6  |
| PINNACLE                | 3.0              | 5.0               | 81.7                          | 5.3             | 4.0  | 5.0  | 4.7  | 4.7  | 4.7  | 3.7  | 4.6  |
| PREMIER II              | 3.7              | 6.0               | 83.3                          | 5.0             | 5.3  | 6.3  | 4.3  | 3.3  | 4.0  | 3.7  | 4.6  |
| PST-2LAN                | 5.3              | 7.0               | 88.3                          | 4.3             | 5.0  | 5.3  | 4.3  | 4.3  | 4.7  | 4.3  | 4.6  |
| SRX 4692                | 4.7              | 7.0               | 78.3                          | 4.3             | 4.7  | 5.7  | 5.3  | 4.3  | 4.3  | 3.7  | 4.6  |
| AFFINITY                | 3.3              | 5.0               | 89.7                          | 4.7             | 4.0  | 4.7  | 5.3  | 4.0  | 4.7  | 4.3  | 4.5  |
| BARLENNIUM              | 5.0              | 6.3               | 86.7                          | 4.3             | 5.0  | 5.3  | 3.7  | 3.7  | 4.7  | 5.0  | 4.5  |
| PANTHER                 | 3.7              | 5.3               | 80.0                          | 5.0             | 4.7  | 5.3  | 4.0  | 4.0  | 4.3  | 4.3  | 4.5  |
| DELAWARE XL (PICK 01-2) | 5.3              | 7.0               | 75.0                          | 4.0             | 4.7  | 6.0  | 4.7  | 4.0  | 4.0  | 4.0  | 4.5  |
| PM 103                  | 6.0              | 7.0               | 85.0                          | 3.7             | 4.7  | 6.0  | 4.7  | 3.7  | 4.7  | 4.3  | 4.5  |
| AF                      | 6.0              | 7.0               | 88.0                          | 4.0             | 4.3  | 5.3  | 4.0  | 4.0  | 4.3  | 5.0  | 4.4  |
| ES45                    | 6.0              | 7.0               | 85.0                          | 3.3             | 3.7  | 6.3  | 5.0  | 3.7  | 4.3  | 4.7  | 4.4  |
| CADDIESHACK II (JR-163) | 5.0              | 7.0               | 78.3                          | 3.7             | 4.0  | 5.7  | 4.3  | 4.0  | 4.7  | 4.3  | 4.4  |
| L44                     | 6.0              | 7.0               | 84.7                          | 3.7             | 4.3  | 5.7  | 5.0  | 3.7  | 4.7  | 3.7  | 4.4  |
| PICK RB-1               | 6.7              | 6.7               | 80.0                          | 3.7             | 5.0  | 6.3  | 4.3  | 3.3  | 4.0  | 4.0  | 4.4  |
| PICK 02-R               | 5.7              | 7.0               | 88.3                          | 3.3             | 5.0  | 6.7  | 4.0  | 3.0  | 4.0  | 4.0  | 4.3  |
| ASP6001 (RTS)           | 5.0              | 6.7               | 78.3                          | 4.3             | 4.7  | 5.7  | 5.0  | 3.3  | 3.7  | 3.3  | 4.3  |
| VB99                    | 6.3              | 7.0               | 78.3                          | 3.3             | 4.0  | 6.7  | 4.0  | 4.3  | 4.0  | 4.0  | 4.3  |
| PREMIER                 | 3.0              | 5.3               | 81.7                          | 4.7             | 4.0  | 5.3  | 4.3  | 3.7  | 4.3  | 3.3  | 4.2  |
| ASP6003 (TRS)           | 6.3              | 7.0               | 85.0                          | 3.0             | 4.0  | 6.0  | 4.3  | 4.0  | 4.3  | 4.0  | 4.2  |
| 04-BRE                  | 5.3              | 7.0               | 68.3                          | 3.7             | 4.7  | 5.7  | 3.7  | 3.0  | 4.0  | 4.0  | 4.1  |
| LPR 02203               | 3.3              | 6.0               | 71.7                          | 4.3             | 4.0  | 4.3  | 4.0  | 3.0  | 4.0  | 3.3  | 3.9  |
| LINN                    | 3.0              | 5.3               | 80.0                          | 4.0             | 3.0  | 4.0  | 3.0  | 3.7  | 3.7  | 3.7  | 3.6  |
| LSD VALUE               | 1.1              | 0.6               | 33.6                          | 4.2             | 2.3  | 1.7  | 2.6  | 2.2  | 2.5  | 2.3  | 1.3  |
| C.V. (%)                | 12.9             | 5.7               | 11.1                          | 25.5            | 19.5 | 12.5 | 19.9 | 20.9 | 19.5 | 21.5 | 12.5 |

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 3.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT CARBONDALE, IL 1/  
2005 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                               | GENETIC<br>COLOR | SPRING<br>GREENUP | PERCENT<br>COVER<br>SUMMER | PERCENT<br>COVER<br>FALL | PERCENT<br>ESTABLISH-<br>MENT | BROWN PATCH<br>/BIPOLARIS<br>LEAF SPOT | MAR | APR | MAY | QUALITY RATINGS |     |     |     |     |     |     | MEAN |
|------------------------------------|------------------|-------------------|----------------------------|--------------------------|-------------------------------|--|-----|-----|-----|-----------------|-----|-----|-----|-----|-----|-----|------|
|                                    |                  |                   |                            |                          |                               |  |     |     |     | JUN             | JUL | AUG | SEP | OCT | NOV |     |      |
| OVERDRIVE                          | 4.3              | 6.0               | 98.0                       | 96.0                     | 98.7                          | 8.7                                    | 6.0 | 8.0 | 6.0 | 7.0             | 8.3 | 6.7 | 5.7 | 7.7 | 7.0 | 6.9 |      |
| RAD-PR8                            | 4.7              | 6.0               | 97.0                       | 94.0                     | 98.0                          | 6.0                                    | 5.0 | 7.3 | 7.7 | 7.3             | 7.0 | 5.3 | 5.0 | 8.0 | 7.3 | 6.7 |      |
| REPELL GLS                         | 6.7              | 5.3               | 88.3                       | 88.7                     | 92.7                          | 8.0                                    | 4.7 | 7.0 | 6.3 | 7.3             | 8.0 | 6.3 | 6.3 | 7.0 | 7.0 | 6.7 |      |
| D04-1667                           | 5.0              | 5.7               | 97.3                       | 94.0                     | 96.3                          | 7.7                                    | 4.7 | 7.3 | 6.3 | 6.7             | 7.0 | 6.3 | 6.7 | 7.7 | 6.3 | 6.6 |      |
| LCK                                | 6.3              | 5.3               | 97.7                       | 91.7                     | 96.7                          | 7.3                                    | 4.7 | 9.0 | 7.7 | 7.7             | 7.7 | 5.0 | 5.0 | 6.0 | 6.7 | 6.6 |      |
| SECRETARIAT II GLSR (LTP-101-GLSR) | 4.7              | 5.0               | 94.7                       | 93.3                     | 99.0                          | 6.7                                    | 4.7 | 7.3 | 8.0 | 7.3             | 7.0 | 5.7 | 6.0 | 6.7 | 6.0 | 6.5 |      |
| DP 17-9499                         | 6.7              | 7.0               | 96.3                       | 89.0                     | 97.7                          | 7.3                                    | 6.0 | 8.0 | 7.7 | 7.3             | 7.3 | 4.7 | 5.0 | 5.7 | 5.7 | 6.4 |      |
| ATTRIBUTE (IS-PR 270)              | 6.7              | 5.7               | 95.0                       | 95.3                     | 93.7                          | 8.3                                    | 4.7 | 8.0 | 6.0 | 6.7             | 7.0 | 6.3 | 6.0 | 6.7 | 6.3 | 6.4 |      |
| APR 1648                           | 7.3              | 7.0               | 90.3                       | 83.0                     | 93.7                          | 7.3                                    | 6.0 | 7.7 | 8.0 | 7.0             | 6.3 | 4.3 | 4.3 | 7.0 | 5.7 | 6.3 |      |
| DERBY XTREME (IS-PR 268)           | 7.3              | 5.0               | 92.7                       | 87.7                     | 97.7                          | 6.7                                    | 5.0 | 8.7 | 5.3 | 6.0             | 6.7 | 6.0 | 6.3 | 6.7 | 6.0 | 6.3 |      |
| KEYSTONE 2 (IS-PR 312)             | 5.3              | 5.7               | 93.3                       | 89.7                     | 98.7                          | 8.0                                    | 4.0 | 7.7 | 7.7 | 7.0             | 7.0 | 5.7 | 5.7 | 6.0 | 6.0 | 6.3 |      |
| MMW                                | 5.3              | 6.0               | 96.0                       | 92.0                     | 96.3                          | 6.7                                    | 5.3 | 7.7 | 7.0 | 6.7             | 6.3 | 5.3 | 6.0 | 7.0 | 5.3 | 6.3 |      |
| FIESTA 4 (PICK F4)                 | 7.3              | 6.0               | 95.3                       | 92.3                     | 94.0                          | 6.7                                    | 5.3 | 6.3 | 6.0 | 6.7             | 7.0 | 6.7 | 5.3 | 7.0 | 6.0 | 6.3 |      |
| PM 101                             | 7.0              | 5.3               | 97.0                       | 90.3                     | 96.7                          | 7.3                                    | 5.0 | 7.3 | 6.7 | 7.0             | 7.7 | 5.7 | 4.3 | 6.7 | 6.0 | 6.3 |      |
| SR 4600 (SRX 4SP)                  | 6.7              | 5.3               | 92.7                       | 91.7                     | 93.3                          | 7.3                                    | 5.0 | 7.3 | 6.0 | 6.7             | 7.3 | 6.0 | 4.7 | 7.3 | 6.3 | 6.3 |      |
| REGAL 5 (IS-PR 271)                | 7.0              | 5.7               | 96.0                       | 91.0                     | 98.0                          | 7.0                                    | 5.3 | 7.7 | 7.0 | 7.0             | 7.0 | 6.0 | 4.3 | 5.3 | 6.0 | 6.2 |      |
| PST-217                            | 7.0              | 4.7               | 92.0                       | 85.3                     | 92.7                          | 5.7                                    | 4.0 | 9.0 | 7.7 | 7.3             | 7.0 | 4.3 | 3.7 | 6.0 | 5.7 | 6.1 |      |
| AF                                 | 5.7              | 6.0               | 93.0                       | 88.0                     | 94.3                          | 7.0                                    | 5.7 | 7.0 | 6.3 | 6.7             | 7.0 | 6.0 | 4.0 | 6.0 | 5.0 | 6.0 |      |
| ARR 1664                           | 7.0              | 5.7               | 79.0                       | 63.7                     | 96.0                          | 7.3                                    | 5.7 | 8.0 | 7.0 | 7.0             | 7.0 | 4.0 | 5.0 | 5.3 | 5.0 | 6.0 |      |
| DCM                                | 5.3              | 6.0               | 97.7                       | 90.0                     | 95.0                          | 7.3                                    | 5.0 | 8.0 | 6.0 | 6.3             | 7.0 | 4.7 | 5.7 | 6.3 | 5.3 | 6.0 |      |
| E-99                               | 4.3              | 6.7               | 92.0                       | 90.7                     | 95.7                          | 7.0                                    | 4.3 | 8.0 | 6.0 | 6.0             | 6.0 | 5.7 | 5.3 | 7.0 | 6.0 | 6.0 |      |
| PRIMARY (IS-PR 269)                | 5.7              | 5.0               | 92.3                       | 90.0                     | 97.3                          | 7.7                                    | 5.0 | 7.3 | 6.0 | 6.0             | 6.3 | 5.0 | 6.0 | 6.3 | 6.0 | 6.0 |      |
| PICK RB-1                          | 6.0              | 5.0               | 96.3                       | 87.3                     | 95.7                          | 6.7                                    | 4.7 | 7.0 | 7.7 | 7.0             | 6.3 | 5.7 | 5.0 | 5.7 | 5.0 | 6.0 |      |
| PST-2GSM                           | 5.0              | 6.0               | 95.0                       | 90.7                     | 96.0                          | 7.0                                    | 5.3 | 8.0 | 6.0 | 6.0             | 5.7 | 5.3 | 5.7 | 6.3 | 6.0 | 6.0 |      |
| RG3P                               | 5.0              | 6.0               | 98.3                       | 86.3                     | 94.3                          | 6.7                                    | 5.7 | 7.7 | 7.0 | 7.0             | 6.7 | 4.3 | 5.0 | 5.7 | 5.3 | 6.0 |      |
| RNS                                | 5.7              | 3.7               | 95.7                       | 94.7                     | 96.3                          | 7.7                                    | 4.3 | 7.0 | 7.0 | 6.7             | 6.3 | 5.3 | 5.3 | 6.3 | 6.0 | 6.0 |      |
| REVENGE GLX (JR-348)               | 7.3              | 5.0               | 92.7                       | 87.3                     | 97.0                          | 7.0                                    | 5.3 | 8.3 | 5.7 | 6.3             | 6.7 | 5.0 | 6.0 | 6.0 | 3.7 | 5.9 |      |
| MONTEREY 3 (JR-408)                | 4.0              | 4.3               | 96.7                       | 92.3                     | 98.7                          | 7.7                                    | 2.3 | 7.3 | 6.0 | 6.7             | 6.7 | 5.0 | 5.0 | 7.0 | 6.7 | 5.9 |      |
| PM 103                             | 7.7              | 5.7               | 94.3                       | 87.3                     | 98.0                          | 6.3                                    | 4.3 | 7.7 | 6.7 | 6.3             | 6.0 | 5.0 | 5.0 | 6.7 | 5.7 | 5.9 |      |
| VB99                               | 8.3              | 6.0               | 93.7                       | 90.3                     | 97.0                          | 6.7                                    | 5.3 | 7.3 | 6.7 | 6.7             | 7.0 | 5.0 | 4.7 | 5.7 | 5.0 | 5.9 |      |
| \$ILVER DOLLAR                     | 5.3              | 5.7               | 92.7                       | 93.7                     | 99.0                          | 7.7                                    | 5.3 | 6.0 | 5.0 | 6.0             | 7.0 | 5.3 | 6.0 | 6.7 | 5.0 | 5.8 |      |
| ASP6002 (BPR)                      | 8.7              | 5.0               | 92.3                       | 84.0                     | 95.3                          | 6.0                                    | 5.0 | 8.7 | 6.3 | 6.3             | 6.3 | 4.7 | 4.0 | 5.7 | 5.0 | 5.8 |      |
| BUENA VISTA                        | 6.7              | 4.0               | 90.0                       | 89.3                     | 99.0                          | 6.7                                    | 4.3 | 7.0 | 6.7 | 6.3             | 6.0 | 5.3 | 4.7 | 6.0 | 5.7 | 5.8 |      |
| GL-2                               | 5.3              | 6.0               | 95.7                       | 93.0                     | 96.0                          | 7.7                                    | 4.7 | 6.3 | 6.3 | 7.0             | 7.7 | 4.3 | 4.3 | 6.0 | 5.7 | 5.8 |      |
| INSPIRE                            | 5.0              | 4.3               | 87.3                       | 85.0                     | 96.3                          | 6.7                                    | 4.0 | 8.3 | 5.3 | 6.0             | 6.0 | 5.0 | 5.0 | 7.3 | 5.0 | 5.8 |      |
| ALL*STAR 3 (IS-PR 274)             | 6.3              | 5.7               | 95.3                       | 90.0                     | 95.3                          | 7.3                                    | 4.7 | 6.3 | 7.7 | 7.3             | 7.0 | 5.0 | 4.7 | 5.3 | 4.0 | 5.8 |      |
| PALMER III                         | 3.0              | 6.0               | 94.0                       | 86.0                     | 93.3                          | 8.0                                    | 4.0 | 8.0 | 7.0 | 7.0             | 7.0 | 5.0 | 4.0 | 5.7 | 4.3 | 5.8 |      |
| PANTHER GLS                        | 6.0              | 6.7               | 81.7                       | 81.3                     | 93.3                          | 7.0                                    | 4.7 | 7.0 | 7.3 | 7.3             | 7.3 | 4.7 | 3.0 | 6.0 | 4.7 | 5.8 |      |
| PST-2MNG                           | 5.0              | 5.0               | 89.0                       | 92.3                     | 97.7                          | 6.0                                    | 4.3 | 8.0 | 5.3 | 5.7             | 5.7 | 4.3 | 5.3 | 7.0 | 6.3 | 5.8 |      |
| VB77                               | 7.7              | 4.7               | 93.7                       | 86.7                     | 97.0                          | 8.0                                    | 4.7 | 7.0 | 6.7 | 7.0             | 7.3 | 5.3 | 4.3 | 5.7 | 4.3 | 5.8 |      |
| D04-11T                            | 6.7              | 5.3               | 90.3                       | 89.7                     | 94.3                          | 6.0                                    | 4.3 | 8.3 | 7.0 | 6.0             | 6.0 | 5.0 | 4.0 | 6.0 | 5.0 | 5.7 |      |
| D04-UP                             | 7.0              | 6.3               | 90.3                       | 85.7                     | 93.0                          | 6.0                                    | 5.7 | 8.3 | 6.0 | 6.0             | 5.3 | 4.7 | 4.0 | 6.0 | 5.3 | 5.7 |      |
| PALACE (IS-PR 273)                 | 7.0              | 5.0               | 96.7                       | 89.0                     | 93.7                          | 8.0                                    | 4.0 | 7.0 | 6.0 | 6.3             | 7.3 | 5.7 | 4.3 | 5.3 | 5.0 | 5.7 |      |
| CADDIESHACK II (JR-163)            | 4.0              | 3.3               | 98.0                       | 96.7                     | 96.0                          | 7.3                                    | 2.7 | 6.3 | 6.0 | 6.7             | 7.3 | 5.3 | 5.0 | 6.0 | 6.0 | 5.7 |      |
| PREMIER                            | 2.0              | 6.0               | 98.7                       | 84.0                     | 97.7                          | 6.7                                    | 7.0 | 8.7 | 7.0 | 7.0             | 7.0 | 4.7 | 2.7 | 4.7 | 3.0 | 5.7 |      |
| PREMIER II                         | 3.7              | 6.0               | 91.3                       | 84.7                     | 98.3                          | 6.3                                    | 5.7 | 8.0 | 6.7 | 6.7             | 6.7 | 4.0 | 3.3 | 5.3 | 5.0 | 5.7 |      |
| PST-2AG4                           | 5.3              | 3.7               | 93.3                       | 90.0                     | 96.3                          | 5.7                                    | 4.3 | 7.0 | 6.3 | 6.0             | 6.0 | 5.0 | 4.7 | 7.0 | 5.0 | 5.7 |      |

TABLE 3.  
(CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT CARBONDALE, IL 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                              | GENETIC<br>COLOR | SPRING<br>GREENUP | PERCENT<br>COVER<br>SUMMER | PERCENT<br>COVER<br>FALL | PERCENT<br>ESTABLISH-<br>MENT | BROWN PATCH<br>/BIPOLARIS<br>LEAF SPOT | MAR | APR | MAY | QUALITY RATINGS |     |     |     |     |     | MEAN |
|-----------------------------------|------------------|-------------------|----------------------------|--------------------------|-------------------------------|--|-----|-----|-----|-----------------|-----|-----|-----|-----|-----|------|
|                                   |                  |                   |                            |                          |                               |  |     |     |     | JUN             | JUL | AUG | SEP | OCT | NOV |      |
| MANHATTAN 5 GLR (PST-2AM)         | 5.3              | 4.7               | 89.7                       | 84.7                     | 94.7                          | 5.7                                    | 5.0 | 8.0 | 7.0 | 6.0             | 5.0 | 3.0 | 4.3 | 7.0 | 6.3 | 5.7  |
| PST-2LAN                          | 4.0              | 4.0               | 96.0                       | 93.3                     | 96.7                          | 7.0                                    | 3.7 | 7.0 | 6.0 | 6.0             | 6.3 | 4.7 | 4.0 | 7.3 | 6.3 | 5.7  |
| AAZ-B104                          | 6.0              | 5.0               | 94.3                       | 90.7                     | 94.3                          | 6.7                                    | 4.7 | 6.3 | 6.0 | 6.3             | 6.3 | 5.7 | 4.0 | 6.0 | 5.0 | 5.6  |
| CITATION FORE                     | 4.0              | 5.3               | 97.0                       | 88.0                     | 95.0                          | 6.3                                    | 4.7 | 7.7 | 7.3 | 6.7             | 6.0 | 4.7 | 3.3 | 5.3 | 5.0 | 5.6  |
| DP1                               | 7.0              | 5.3               | 93.0                       | 87.0                     | 98.0                          | 7.0                                    | 4.7 | 7.0 | 6.0 | 6.7             | 6.7 | 5.0 | 4.0 | 5.7 | 5.0 | 5.6  |
| GPR                               | 8.0              | 5.3               | 94.0                       | 80.0                     | 94.7                          | 8.0                                    | 5.0 | 8.3 | 6.0 | 6.3             | 7.0 | 4.7 | 3.3 | 5.3 | 4.3 | 5.6  |
| KOKOMO II (IS-PR 235)             | 6.7              | 5.0               | 90.0                       | 87.7                     | 96.3                          | 5.3                                    | 4.3 | 7.0 | 6.0 | 5.3             | 4.7 | 5.0 | 5.0 | 7.3 | 5.3 | 5.6  |
| IS-PR 236                         | 7.7              | 5.0               | 87.7                       | 78.7                     | 98.3                          | 6.7                                    | 5.7 | 7.0 | 7.0 | 6.0             | 5.7 | 4.7 | 4.0 | 5.3 | 4.7 | 5.6  |
| PRG HS-01-09                      | 8.0              | 4.3               | 94.3                       | 87.0                     | 93.3                          | 7.7                                    | 4.0 | 7.0 | 6.0 | 6.7             | 7.0 | 5.0 | 4.0 | 6.0 | 5.0 | 5.6  |
| SRX 4682                          | 3.3              | 5.0               | 94.3                       | 91.0                     | 91.0                          | 6.3                                    | 4.3 | 7.3 | 5.3 | 5.7             | 6.3 | 4.0 | 5.0 | 6.7 | 5.7 | 5.6  |
| APR 1670                          | 5.0              | 6.0               | 90.7                       | 82.7                     | 96.3                          | 6.0                                    | 4.7 | 6.7 | 5.7 | 6.0             | 6.0 | 3.7 | 4.7 | 6.7 | 5.7 | 5.5  |
| ASP6004 (EXS54)                   | 8.0              | 4.7               | 96.0                       | 88.7                     | 97.3                          | 7.3                                    | 4.7 | 7.0 | 5.0 | 5.3             | 6.0 | 5.3 | 5.0 | 6.0 | 5.0 | 5.5  |
| CABO II (IS-PR 233)               | 8.0              | 6.3               | 85.0                       | 82.0                     | 96.0                          | 6.3                                    | 5.3 | 7.7 | 6.7 | 6.0             | 5.3 | 5.0 | 4.0 | 4.7 | 5.0 | 5.5  |
| SRX 4692                          | 6.7              | 5.0               | 84.0                       | 83.3                     | 96.0                          | 6.3                                    | 4.3 | 7.7 | 7.3 | 6.3             | 5.0 | 4.0 | 4.0 | 5.7 | 5.3 | 5.5  |
| AC2                               | 6.3              | 4.3               | 92.7                       | 89.3                     | 96.3                          | 7.0                                    | 3.7 | 8.3 | 6.0 | 6.0             | 6.0 | 4.7 | 4.0 | 5.0 | 5.3 | 5.4  |
| ASP6005 (AJM)                     | 8.0              | 5.0               | 92.7                       | 83.0                     | 97.7                          | 7.0                                    | 4.3 | 8.0 | 7.0 | 6.7             | 6.3 | 4.3 | 3.3 | 5.0 | 3.3 | 5.4  |
| BARLENNIUM                        | 4.3              | 5.3               | 83.3                       | 86.7                     | 94.7                          | 6.3                                    | 4.3 | 7.0 | 5.3 | 5.7             | 5.7 | 4.3 | 5.0 | 5.3 | 5.7 | 5.4  |
| AMAZING GS (IS-PR 276)            | 7.0              | 6.3               | 91.0                       | 92.3                     | 96.0                          | 7.0                                    | 5.0 | 7.0 | 5.3 | 6.0             | 6.3 | 4.3 | 5.0 | 5.3 | 4.0 | 5.4  |
| GOALKEEPER II (JR-114)            | 4.7              | 2.0               | 97.3                       | 94.7                     | 97.7                          | 8.7                                    | 2.0 | 6.0 | 6.0 | 6.3             | 7.0 | 6.7 | 4.0 | 5.7 | 5.3 | 5.4  |
| L44                               | 8.7              | 5.0               | 95.0                       | 83.0                     | 95.3                          | 6.3                                    | 4.7 | 8.0 | 6.0 | 6.0             | 6.7 | 3.7 | 4.3 | 5.0 | 4.3 | 5.4  |
| PALMER IV                         | 7.3              | 5.3               | 92.0                       | 88.0                     | 95.0                          | 6.3                                    | 4.3 | 8.0 | 6.0 | 5.7             | 5.7 | 4.0 | 4.3 | 5.7 | 4.7 | 5.4  |
| PST-2BLK                          | 5.7              | 5.0               | 93.0                       | 92.7                     | 95.3                          | 6.0                                    | 3.7 | 6.3 | 6.0 | 6.0             | 6.0 | 5.0 | 5.0 | 5.7 | 4.7 | 5.4  |
| APR 1663                          | 5.0              | 7.0               | 93.3                       | 86.7                     | 92.0                          | 6.3                                    | 5.3 | 8.0 | 5.0 | 5.0             | 5.0 | 3.3 | 4.0 | 7.0 | 5.0 | 5.3  |
| BRIGHTSTAR SLT                    | 4.0              | 5.3               | 88.0                       | 89.7                     | 92.7                          | 6.0                                    | 3.0 | 6.7 | 6.0 | 6.0             | 6.0 | 4.3 | 4.0 | 5.7 | 5.7 | 5.3  |
| CHARISMATIC II GLSR (LTP-PG-GLSR) | 5.7              | 5.7               | 89.0                       | 80.3                     | 95.3                          | 6.7                                    | 4.7 | 7.0 | 5.3 | 5.7             | 6.0 | 4.7 | 4.0 | 5.7 | 5.0 | 5.3  |
| ES45                              | 7.7              | 5.0               | 83.0                       | 80.3                     | 99.0                          | 5.3                                    | 5.3 | 7.7 | 6.7 | 5.3             | 4.0 | 4.3 | 4.0 | 6.0 | 4.3 | 5.3  |
| MACH I                            | 5.3              | 5.7               | 95.3                       | 80.7                     | 96.0                          | 7.7                                    | 5.3 | 7.3 | 6.3 | 6.7             | 7.0 | 5.0 | 3.3 | 3.7 | 3.3 | 5.3  |
| PENTIUM                           | 4.3              | 6.0               | 66.3                       | 66.0                     | 91.7                          | 6.3                                    | 4.3 | 6.3 | 6.0 | 6.7             | 6.3 | 3.3 | 4.3 | 7.3 | 3.0 | 5.3  |
| PINNACLE II                       | 6.3              | 6.7               | 88.0                       | 74.3                     | 96.7                          | 7.0                                    | 6.3 | 9.0 | 6.3 | 6.0             | 6.0 | 3.7 | 3.3 | 3.7 | 3.7 | 5.3  |
| LINE DRIVE GLS (APR 1797)         | 5.7              | 5.0               | 68.7                       | 66.3                     | 89.7                          | 5.3                                    | 4.0 | 6.3 | 6.0 | 5.7             | 5.3 | 4.0 | 4.3 | 6.0 | 5.0 | 5.2  |
| GALATTI (DP 17-9502)              | 5.0              | 7.0               | 95.0                       | 81.3                     | 97.7                          | 7.7                                    | 4.0 | 8.3 | 5.7 | 6.0             | 6.3 | 4.7 | 2.7 | 5.0 | 4.0 | 5.2  |
| PIANIST (DP 17-9505)              | 5.3              | 5.3               | 94.0                       | 74.3                     | 96.0                          | 6.7                                    | 4.7 | 7.0 | 7.3 | 6.3             | 5.0 | 4.0 | 3.7 | 4.7 | 4.0 | 5.2  |
| PARAGON GLR                       | 6.0              | 5.3               | 86.0                       | 78.0                     | 97.3                          | 6.7                                    | 5.0 | 8.0 | 7.0 | 6.3             | 5.7 | 4.0 | 3.3 | 4.0 | 3.7 | 5.2  |
| PM 102                            | 8.3              | 3.0               | 92.7                       | 85.0                     | 94.7                          | 7.7                                    | 4.0 | 7.0 | 7.7 | 7.0             | 6.0 | 4.0 | 3.0 | 4.0 | 4.0 | 5.2  |
| TR47                              | 8.7              | 4.3               | 86.0                       | 78.0                     | 98.0                          | 6.0                                    | 5.0 | 8.7 | 6.0 | 6.0             | 6.0 | 4.3 | 3.3 | 4.0 | 3.3 | 5.2  |
| O4-BEN                            | 5.3              | 6.3               | 94.0                       | 77.3                     | 95.7                          | 6.0                                    | 5.3 | 7.0 | 5.0 | 5.7             | 6.0 | 5.3 | 4.0 | 3.7 | 4.0 | 5.1  |
| PRESIDIO (CNV)                    | 7.7              | 5.3               | 90.0                       | 81.7                     | 97.7                          | 6.0                                    | 4.7 | 7.7 | 5.3 | 5.7             | 6.0 | 4.7 | 3.0 | 5.0 | 4.0 | 5.1  |
| LA QUINTA (JR-255)                | 7.0              | 5.3               | 84.7                       | 82.3                     | 93.7                          | 5.3                                    | 6.0 | 8.3 | 5.3 | 5.7             | 6.0 | 4.3 | 2.7 | 4.0 | 3.3 | 5.1  |
| ASP6006 (LPFG)                    | 8.0              | 5.0               | 92.7                       | 85.3                     | 96.0                          | 6.7                                    | 4.7 | 7.7 | 6.0 | 5.7             | 5.7 | 4.7 | 3.3 | 4.7 | 3.7 | 5.1  |
| MS2                               | 6.0              | 4.7               | 97.0                       | 82.7                     | 93.7                          | 7.0                                    | 3.7 | 6.3 | 6.3 | 6.0             | 6.0 | 5.0 | 4.0 | 4.7 | 4.3 | 5.1  |
| QUICKSILVER                       | 6.3              | 2.3               | 89.0                       | 86.3                     | 95.0                          | 6.0                                    | 3.0 | 7.0 | 6.7 | 6.3             | 5.3 | 3.3 | 4.7 | 5.0 | 4.3 | 5.1  |
| SNR                               | 8.0              | 6.0               | 87.0                       | 75.0                     | 96.3                          | 5.3                                    | 5.0 | 7.7 | 6.3 | 5.7             | 5.0 | 4.0 | 4.0 | 4.0 | 4.0 | 5.1  |
| PHENOM (APR 1660)                 | 7.0              | 6.0               | 82.3                       | 74.3                     | 96.0                          | 6.0                                    | 5.0 | 8.3 | 5.0 | 5.3             | 5.3 | 4.0 | 3.3 | 4.0 | 4.7 | 5.0  |
| EXACTA II GLSR (LTP-611-GLSR)     | 7.3              | 5.7               | 90.3                       | 80.0                     | 94.7                          | 5.7                                    | 5.3 | 8.3 | 7.0 | 6.0             | 5.0 | 3.7 | 3.0 | 3.7 | 3.0 | 5.0  |
| FUSION                            | 5.3              | 5.0               | 93.0                       | 82.7                     | 95.0                          | 6.0                                    | 4.3 | 6.3 | 6.3 | 6.0             | 6.0 | 4.0 | 3.0 | 5.0 | 4.0 | 5.0  |
| HALO (KN42)                       | 8.0              | 5.3               | 92.7                       | 83.3                     | 96.7                          | 5.7                                    | 3.3 | 7.0 | 6.0 | 6.0             | 5.7 | 4.3 | 3.3 | 5.0 | 4.3 | 5.0  |
| ACCENT II (JR-119)                | 5.0              | 5.0               | 94.3                       | 88.3                     | 95.3                          | 6.7                                    | 3.0 | 6.3 | 6.3 | 6.0             | 5.3 | 4.0 | 4.0 | 5.7 | 4.7 | 5.0  |

TABLE 3.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT CARBONDALE, IL 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                    | GENETIC<br>COLOR | SPRING<br>GREENUP | PERCENT<br>COVER<br>SUMMER | PERCENT<br>COVER<br>FALL | PERCENT<br>ESTABLISH-<br>MENT | BROWN PATCH<br>/BIOPOLARIS<br>LEAF SPOT | MAR  | APR  | MAY  | JUN  | QUALITY RATINGS |      |      |      |      | MEAN |
|-------------------------|------------------|-------------------|----------------------------|--------------------------|-------------------------------|---|------|------|------|------|-----------------|------|------|------|------|------|
|                         |                  |                   |                            |                          |                               |   |      |      |      |      | JUL             | AUG  | SEP  | OCT  | NOV  |      |
| TOP GUN II (JR-324)     | 6.3              | 5.0               | 90.3                       | 81.3                     | 99.0                          | 7.0                                     | 4.3  | 6.3  | 5.0  | 4.7  | 4.7             | 5.0  | 4.0  | 6.0  | 5.0  | 5.0  |
| PS-2                    | 4.7              | 4.3               | 94.3                       | 69.7                     | 96.0                          | 7.0                                     | 4.7  | 8.0  | 6.0  | 6.3  | 6.3             | 4.7  | 2.3  | 3.3  | 3.0  | 5.0  |
| DP 17-9788              | 3.0              | 6.0               | 92.7                       | 77.7                     | 93.7                          | 5.7                                     | 4.3  | 7.7  | 5.0  | 5.7  | 6.3             | 4.0  | 3.3  | 4.7  | 3.3  | 4.9  |
| GRAY STAR (PST-2LGL)    | 5.3              | 3.0               | 88.3                       | 85.0                     | 96.7                          | 5.3                                     | 4.3  | 6.0  | 6.3  | 5.7  | 5.0             | 4.0  | 3.3  | 5.3  | 4.3  | 4.9  |
| HEADSTART 2             | 6.7              | 5.0               | 88.7                       | 84.0                     | 95.3                          | 5.7                                     | 4.3  | 8.3  | 5.3  | 5.0  | 5.0             | 4.0  | 4.0  | 4.0  | 3.7  | 4.9  |
| ASP6001 (RTS)           | 7.7              | 4.3               | 90.3                       | 88.0                     | 93.3                          | 6.7                                     | 3.7  | 6.0  | 6.0  | 5.3  | 5.0             | 4.3  | 4.0  | 5.7  | 4.0  | 4.9  |
| ASP6003 (TRS)           | 8.7              | 6.0               | 57.7                       | 51.7                     | 95.7                          | 7.0                                     | 4.3  | 6.3  | 7.0  | 6.7  | 6.0             | 3.3  | 3.7  | 3.0  | 4.0  | 4.9  |
| D04-LP05                | 6.0              | 5.3               | 88.3                       | 77.0                     | 96.7                          | 5.7                                     | 5.0  | 7.7  | 5.0  | 5.3  | 5.3             | 3.7  | 3.3  | 4.0  | 4.0  | 4.8  |
| SUNSHINE 2              | 8.3              | 4.0               | 90.7                       | 77.3                     | 97.3                          | 5.7                                     | 3.0  | 7.3  | 6.0  | 5.3  | 5.0             | 4.7  | 3.3  | 4.3  | 4.0  | 4.8  |
| BAR LP 4420             | 6.0              | 5.0               | 88.0                       | 71.7                     | 94.3                          | 5.3                                     | 4.3  | 6.7  | 4.7  | 5.3  | 6.0             | 4.0  | 2.3  | 5.0  | 4.0  | 4.7  |
| SP4                     | 9.0              | 5.0               | 73.7                       | 70.7                     | 96.7                          | 5.3                                     | 4.7  | 7.0  | 6.0  | 5.3  | 5.0             | 3.7  | 2.3  | 4.0  | 4.0  | 4.7  |
| O4-BRE                  | 6.7              | 6.3               | 83.7                       | 62.3                     | 94.0                          | 4.3                                     | 4.7  | 8.7  | 5.3  | 4.3  | 4.0             | 3.0  | 3.0  | 4.0  | 4.0  | 4.6  |
| PWDR                    | 8.3              | 5.3               | 74.3                       | 64.7                     | 93.3                          | 6.0                                     | 4.0  | 7.3  | 6.0  | 5.0  | 3.7             | 3.3  | 3.3  | 5.0  | 3.3  | 4.6  |
| DELAWARE XL (PICK 01-2) | 6.3              | 5.7               | 84.3                       | 71.3                     | 94.0                          | 5.3                                     | 4.3  | 8.0  | 5.7  | 4.7  | 4.0             | 4.0  | 2.7  | 4.0  | 3.0  | 4.5  |
| PINNACLE                | 1.7              | 6.7               | 91.3                       | 85.0                     | 98.0                          | 6.0                                     | 5.3  | 5.3  | 5.0  | 5.7  | 6.0             | 4.3  | 2.7  | 3.7  | 2.7  | 4.5  |
| PROTEGE GLR             | 7.3              | 5.0               | 87.3                       | 76.3                     | 97.7                          | 3.7                                     | 5.7  | 8.3  | 4.3  | 4.7  | 4.7             | 3.3  | 2.3  | 4.0  | 3.3  | 4.5  |
| BAR LP 4317             | 4.3              | 5.3               | 89.3                       | 77.7                     | 95.3                          | 5.0                                     | 4.0  | 7.7  | 5.0  | 4.7  | 4.3             | 3.0  | 2.7  | 4.0  | 4.0  | 4.4  |
| PANTHER                 | 2.3              | 5.3               | 88.0                       | 78.0                     | 97.7                          | 6.3                                     | 2.7  | 7.3  | 5.7  | 6.0  | 6.0             | 3.7  | 2.7  | 3.0  | 2.7  | 4.4  |
| AFFINITY                | 2.0              | 4.3               | 86.0                       | 77.3                     | 96.7                          | 5.3                                     | 3.0  | 6.7  | 6.0  | 5.0  | 4.3             | 3.0  | 2.7  | 4.3  | 3.3  | 4.3  |
| BAR LP 4920             | 3.0              | 5.0               | 94.3                       | 77.0                     | 96.3                          | 6.7                                     | 4.0  | 7.0  | 5.7  | 5.3  | 5.0             | 3.0  | 2.3  | 3.3  | 3.0  | 4.3  |
| PIZZAZZ                 | 5.3              | 4.3               | 87.7                       | 76.0                     | 96.0                          | 4.7                                     | 4.7  | 7.7  | 5.3  | 4.7  | 4.0             | 4.0  | 2.0  | 3.3  | 2.7  | 4.3  |
| HARRIER (SRX 4UP3)      | 7.3              | 5.7               | 63.3                       | 54.0                     | 93.0                          | 4.0                                     | 5.0  | 6.0  | 5.7  | 4.3  | 3.0             | 3.0  | 2.7  | 5.0  | 3.7  | 4.3  |
| PICK 02-R               | 7.0              | 4.3               | 86.3                       | 57.3                     | 95.7                          | 6.0                                     | 3.7  | 5.7  | 6.3  | 6.0  | 5.7             | 3.0  | 1.3  | 2.3  | 3.7  | 4.2  |
| LPR 02203               | 1.7              | 4.0               | 87.3                       | 60.3                     | 91.3                          | 5.7                                     | 2.3  | 7.7  | 5.7  | 5.3  | 5.0             | 2.7  | 1.3  | 3.0  | 2.3  | 3.9  |
| LINN                    | 1.0              | 1.0               | 75.7                       | 31.7                     | 99.0                          | 4.7                                     | 2.7  | 4.3  | 3.0  | 2.3  | 1.3             | 1.0  | 1.0  | 1.0  | 1.0  | 2.0  |
| LSD VALUE               | 1.0              | 2.0               | 45.2                       | 31.6                     | 17.8                          | 1.8                                     | 1.1  | 1.5  | 1.5  | 1.2  | 1.8             | 1.6  | 1.6  | 1.8  | 1.8  | 0.9  |
| C.V. (%)                | 12.0             | 20.6              | 12.8                       | 16.4                     | 3.7                           | 15.2                                    | 15.1 | 11.5 | 14.1 | 11.9 | 17.4            | 20.2 | 24.4 | 20.5 | 22.6 | 10.1 |

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 4.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 2004 NATIONAL PERENNIAL RYEGRASS TEST AT WEST LAFAYETTE, IN 1/  
 2005 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                              | GENETIC<br>COLOR | SPRING<br>GREENUP | PERCENT<br>COVER<br>FALL | GRAY<br>LEAF<br>SPOT | QUALITY RATINGS |     |     |     |     |     |     |     | MEAN |
|-----------------------------------|------------------|-------------------|--------------------------|----------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|------|
|                                   |                  |                   |                          |                      | APR             | MAY | JUN | JUL | AUG | SEP | OCT | NOV |      |
| DP1                               | 7.7              | 7.3               | 48.3                     | 9.0                  | 7.3             | 6.7 | 6.0 | 6.7 | 9.0 | 8.7 | 8.3 | 8.3 | 7.6  |
| GL-2                              | 7.7              | 7.0               | 58.3                     | 8.3                  | 6.7             | 7.7 | 6.3 | 7.0 | 8.7 | 8.0 | 8.3 | 7.7 | 7.5  |
| KOKOMO II (IS-PR 235)             | 8.0              | 7.0               | 55.0                     | 9.0                  | 6.7             | 7.0 | 6.3 | 6.7 | 9.0 | 8.7 | 7.7 | 7.7 | 7.5  |
| RNS                               | 7.3              | 5.3               | 50.0                     | 8.3                  | 7.3             | 7.7 | 7.0 | 7.0 | 8.3 | 7.3 | 7.7 | 7.7 | 7.5  |
| ATTRIBUTE (IS-PR 270)             | 7.7              | 7.0               | 58.3                     | 9.0                  | 6.3             | 7.3 | 6.3 | 7.3 | 8.3 | 8.0 | 7.7 | 8.0 | 7.4  |
| REVENGE GLX (JR-348)              | 8.7              | 7.3               | 33.3                     | 9.0                  | 6.3             | 6.3 | 6.0 | 6.3 | 9.0 | 8.7 | 8.3 | 8.0 | 7.4  |
| PICK RB-1                         | 8.3              | 6.3               | 46.7                     | 9.0                  | 7.3             | 6.3 | 6.0 | 6.0 | 9.0 | 8.3 | 8.3 | 8.0 | 7.4  |
| EXACTA II GLSR (LTP-611-GLSR)     | 8.0              | 7.3               | 41.7                     | 9.0                  | 7.0             | 7.0 | 6.0 | 6.3 | 8.3 | 7.7 | 8.0 | 7.7 | 7.3  |
| ASP6004 (EXS54)                   | 7.3              | 6.7               | 46.7                     | 8.3                  | 7.7             | 7.0 | 6.3 | 6.3 | 8.3 | 8.0 | 7.3 | 7.0 | 7.3  |
| IS-PR 236                         | 8.0              | 6.3               | 45.0                     | 9.0                  | 7.0             | 7.3 | 6.0 | 6.7 | 8.7 | 8.0 | 7.3 | 7.3 | 7.3  |
| PALACE (IS-PR 273)                | 7.3              | 7.0               | 43.3                     | 9.0                  | 6.3             | 7.3 | 6.3 | 6.7 | 8.3 | 8.0 | 7.7 | 7.7 | 7.3  |
| KEYSTONE 2 (IS-PR 312)            | 7.7              | 6.7               | 53.3                     | 9.0                  | 6.0             | 7.0 | 6.0 | 6.3 | 8.7 | 8.3 | 8.0 | 7.7 | 7.3  |
| FIESTA 4 (PICK F4)                | 7.0              | 7.0               | 46.7                     | 9.0                  | 7.0             | 7.0 | 6.3 | 6.7 | 8.7 | 7.7 | 7.7 | 7.0 | 7.3  |
| TR47                              | 8.3              | 6.0               | 38.3                     | 9.0                  | 7.7             | 7.3 | 5.7 | 6.3 | 8.7 | 8.0 | 7.7 | 7.3 | 7.3  |
| ASP6003 (TRS)                     | 7.3              | 6.3               | 33.3                     | 9.0                  | 7.0             | 7.3 | 6.3 | 6.3 | 8.3 | 8.0 | 7.7 | 7.0 | 7.3  |
| D04-UP                            | 7.0              | 6.3               | 40.0                     | 9.0                  | 7.3             | 6.7 | 6.0 | 6.0 | 8.3 | 8.0 | 7.7 | 7.3 | 7.2  |
| LCK                               | 7.0              | 6.7               | 31.7                     | 9.0                  | 6.7             | 7.0 | 5.7 | 6.3 | 8.7 | 8.3 | 7.7 | 7.0 | 7.2  |
| PM 101                            | 7.7              | 7.0               | 46.7                     | 8.3                  | 7.3             | 7.7 | 7.0 | 7.0 | 7.0 | 6.7 | 7.3 | 7.3 | 7.2  |
| \$ILVER DOLLAR                    | 7.3              | 7.7               | 46.7                     | 9.0                  | 5.3             | 6.3 | 6.0 | 7.0 | 8.3 | 8.0 | 7.7 | 8.0 | 7.1  |
| DCM                               | 7.3              | 6.0               | 28.3                     | 9.0                  | 7.0             | 6.3 | 6.3 | 6.3 | 8.3 | 7.7 | 7.3 | 7.3 | 7.1  |
| REGAL 5 (IS-PR 271)               | 8.3              | 6.3               | 43.3                     | 9.0                  | 6.3             | 6.7 | 6.3 | 6.3 | 8.3 | 8.0 | 7.7 | 7.0 | 7.1  |
| RG3P                              | 7.0              | 6.3               | 30.0                     | 8.3                  | 7.3             | 6.7 | 6.3 | 6.3 | 8.3 | 7.7 | 7.3 | 6.7 | 7.1  |
| HARRIER (SRX 4UP3)                | 7.3              | 7.7               | 48.3                     | 9.0                  | 6.7             | 6.0 | 6.3 | 6.7 | 8.3 | 7.7 | 7.7 | 7.3 | 7.1  |
| VB77                              | 8.0              | 6.7               | 45.0                     | 9.0                  | 7.0             | 6.7 | 6.0 | 6.0 | 8.3 | 8.0 | 7.3 | 7.3 | 7.1  |
| AC2                               | 7.7              | 6.3               | 38.3                     | 9.0                  | 7.0             | 7.3 | 6.3 | 6.7 | 7.7 | 7.7 | 6.7 | 6.7 | 7.0  |
| BUENA VISTA                       | 7.3              | 6.7               | 53.3                     | 9.0                  | 7.0             | 7.0 | 5.7 | 6.0 | 8.0 | 8.0 | 7.3 | 7.0 | 7.0  |
| CHARISMATIC II GLSR (LTP-PG-GLSR) | 7.0              | 6.7               | 43.3                     | 9.0                  | 6.3             | 6.0 | 5.7 | 6.7 | 8.7 | 8.0 | 7.7 | 7.3 | 7.0  |
| D04-LP05                          | 7.7              | 6.3               | 53.3                     | 9.0                  | 6.7             | 6.3 | 5.7 | 6.7 | 7.7 | 7.7 | 7.7 | 7.3 | 7.0  |
| CABO II (IS-PR 233)               | 8.3              | 6.0               | 40.0                     | 9.0                  | 7.0             | 7.3 | 5.0 | 5.7 | 8.7 | 8.0 | 7.3 | 7.3 | 7.0  |
| DERBY XTREME (IS-PR 268)          | 7.3              | 6.3               | 40.0                     | 9.0                  | 7.0             | 6.3 | 6.0 | 6.0 | 8.3 | 7.7 | 7.3 | 7.0 | 7.0  |
| ALL*STAR 3 (IS-PR 274)            | 7.7              | 6.7               | 40.0                     | 9.0                  | 6.3             | 7.3 | 6.0 | 6.0 | 8.3 | 8.0 | 7.3 | 7.0 | 7.0  |
| MS2                               | 8.0              | 6.0               | 35.0                     | 9.0                  | 7.0             | 7.0 | 6.3 | 6.7 | 7.3 | 7.0 | 7.3 | 7.7 | 7.0  |
| PRG HS-01-09                      | 8.0              | 6.3               | 40.0                     | 8.3                  | 7.7             | 7.3 | 5.7 | 6.3 | 8.0 | 7.7 | 6.7 | 7.0 | 7.0  |
| ASP6006 (LPFG)                    | 7.7              | 6.0               | 26.7                     | 9.0                  | 6.7             | 5.7 | 5.7 | 6.0 | 8.3 | 7.7 | 8.0 | 7.3 | 6.9  |
| PROTEGE GLR                       | 7.7              | 7.3               | 40.0                     | 9.0                  | 6.0             | 6.3 | 5.7 | 6.0 | 8.3 | 8.0 | 7.3 | 7.3 | 6.9  |
| SP4                               | 8.0              | 6.0               | 45.0                     | 9.0                  | 7.3             | 6.7 | 5.7 | 5.3 | 7.7 | 7.7 | 7.3 | 7.7 | 6.9  |
| AAZ-B104                          | 7.0              | 6.7               | 43.3                     | 9.0                  | 6.3             | 6.3 | 5.7 | 6.3 | 8.0 | 8.0 | 7.0 | 6.7 | 6.8  |
| ASP6005 (AJM)                     | 7.3              | 6.3               | 33.3                     | 9.0                  | 7.3             | 7.0 | 5.7 | 5.7 | 7.7 | 7.7 | 6.7 | 6.3 | 6.8  |
| PRESIDIO (CNV)                    | 7.7              | 6.0               | 40.0                     | 9.0                  | 7.3             | 6.3 | 6.0 | 5.7 | 8.0 | 7.3 | 7.0 | 6.7 | 6.8  |
| D04-1667                          | 7.0              | 6.7               | 30.0                     | 9.0                  | 5.7             | 6.3 | 6.0 | 6.0 | 8.3 | 8.0 | 7.3 | 7.0 | 6.8  |
| FUSION                            | 7.0              | 6.3               | 41.7                     | 8.3                  | 6.7             | 6.3 | 6.0 | 5.7 | 8.0 | 8.0 | 7.0 | 6.3 | 6.8  |
| PRIMARY (IS-PR 269)               | 7.3              | 6.3               | 33.3                     | 8.3                  | 7.3             | 6.3 | 5.3 | 5.7 | 8.0 | 7.7 | 7.3 | 6.7 | 6.8  |
| MONTEREY 3 (JR-408)               | 7.0              | 5.3               | 35.0                     | 9.0                  | 7.0             | 6.7 | 6.7 | 6.0 | 7.3 | 7.3 | 7.0 | 6.3 | 6.8  |
| MMW                               | 7.3              | 7.0               | 45.0                     | 9.0                  | 6.3             | 6.3 | 4.3 | 6.0 | 8.0 | 8.0 | 7.3 | 7.7 | 6.8  |
| PST-2MNG                          | 7.3              | 6.3               | 48.3                     | 9.0                  | 6.0             | 6.3 | 6.3 | 6.0 | 8.0 | 7.3 | 7.0 | 7.0 | 6.8  |
| RAD-PR8                           | 8.0              | 6.0               | 38.3                     | 9.0                  | 6.7             | 7.0 | 6.0 | 6.3 | 6.7 | 6.7 | 7.3 | 7.3 | 6.8  |
| ES45                              | 7.7              | 6.3               | 36.7                     | 9.0                  | 7.0             | 6.7 | 5.7 | 5.3 | 8.0 | 7.7 | 7.0 | 6.3 | 6.7  |

TABLE 4.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT WEST LAFAYETTE, IN 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                               | GENETIC<br>COLOR | SPRING<br>GREENUP | PERCENT<br>COVER<br>FALL | GRAY<br>LEAF<br>SPOT | QUALITY RATINGS |     |     |     |     |     |     |     | MEAN |
|------------------------------------|------------------|-------------------|--------------------------|----------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|------|
|                                    |                  |                   |                          |                      | APR             | MAY | JUN | JUL | AUG | SEP | OCT | NOV |      |
| GRAY STAR (PST-2LGL)               | 7.0              | 5.0               | 43.3                     | 9.0                  | 7.3             | 6.3 | 5.7 | 6.7 | 7.3 | 7.0 | 6.7 | 6.7 | 6.7  |
| INSPIRE                            | 7.3              | 6.0               | 55.0                     | 9.0                  | 7.0             | 6.3 | 6.0 | 6.3 | 7.3 | 7.3 | 7.0 | 6.3 | 6.7  |
| AMAZING GS (IS-PR 276)             | 7.7              | 6.7               | 35.0                     | 9.0                  | 5.3             | 6.0 | 5.0 | 6.0 | 8.7 | 7.7 | 7.7 | 7.0 | 6.7  |
| PINNACLE II                        | 7.0              | 6.3               | 43.3                     | 9.0                  | 6.3             | 6.7 | 6.0 | 6.7 | 7.0 | 6.7 | 7.3 | 7.0 | 6.7  |
| PWDR                               | 7.0              | 6.3               | 35.0                     | 9.0                  | 7.0             | 7.0 | 5.7 | 5.7 | 7.7 | 7.3 | 7.0 | 6.3 | 6.7  |
| SR 4600 (SRX 4SP)                  | 7.3              | 7.0               | 41.7                     | 9.0                  | 6.3             | 6.0 | 6.0 | 6.0 | 7.7 | 7.3 | 7.0 | 7.3 | 6.7  |
| D04-11T                            | 6.7              | 6.3               | 38.3                     | 8.3                  | 7.0             | 6.7 | 5.7 | 5.7 | 8.0 | 7.3 | 6.3 | 6.3 | 6.6  |
| CADDIESHACK II (JR-163)            | 6.7              | 6.0               | 40.0                     | 9.0                  | 7.0             | 6.7 | 5.7 | 5.7 | 7.3 | 7.0 | 7.0 | 6.7 | 6.6  |
| MACH I                             | 7.0              | 6.0               | 36.7                     | 8.3                  | 7.3             | 6.0 | 5.7 | 5.7 | 8.0 | 7.3 | 6.7 | 6.3 | 6.6  |
| PIZZAZZ                            | 8.3              | 6.0               | 41.7                     | 8.3                  | 6.3             | 6.0 | 5.7 | 6.0 | 7.3 | 7.3 | 7.0 | 7.0 | 6.6  |
| PST-2AG4                           | 7.3              | 7.0               | 46.7                     | 8.3                  | 7.3             | 6.7 | 5.3 | 5.3 | 7.3 | 7.0 | 7.0 | 7.0 | 6.6  |
| APR 1663                           | 7.0              | 7.0               | 45.0                     | 9.0                  | 5.7             | 6.7 | 6.0 | 5.7 | 7.7 | 7.7 | 6.7 | 6.0 | 6.5  |
| LINE DRIVE GLS (APR 1797)          | 7.3              | 6.0               | 35.0                     | 9.0                  | 6.7             | 6.3 | 5.3 | 5.7 | 7.7 | 7.0 | 7.0 | 6.7 | 6.5  |
| GALATTI (DP 17-9502)               | 7.0              | 6.7               | 40.0                     | 7.0                  | 6.3             | 7.3 | 6.3 | 6.3 | 6.7 | 6.7 | 6.0 | 6.0 | 6.5  |
| PIANIST (DP 17-9505)               | 7.7              | 6.7               | 50.0                     | 8.3                  | 6.3             | 6.3 | 6.3 | 6.0 | 7.0 | 6.7 | 6.7 | 6.7 | 6.5  |
| HALO (KN42)                        | 7.3              | 5.7               | 43.3                     | 8.3                  | 7.0             | 7.0 | 5.0 | 5.7 | 7.3 | 7.3 | 6.7 | 6.3 | 6.5  |
| PALMER IV                          | 7.0              | 6.7               | 36.7                     | 9.0                  | 6.7             | 6.0 | 5.0 | 5.3 | 7.7 | 7.3 | 7.0 | 6.7 | 6.5  |
| PANTHER GLS                        | 7.0              | 6.3               | 33.3                     | 9.0                  | 5.7             | 6.3 | 5.3 | 5.7 | 8.0 | 7.7 | 6.7 | 6.7 | 6.5  |
| PICK 02-R                          | 7.3              | 6.3               | 51.7                     | 7.7                  | 7.0             | 7.7 | 7.0 | 6.7 | 5.3 | 6.0 | 6.3 | 6.3 | 6.5  |
| PM 103                             | 7.7              | 6.3               | 36.7                     | 8.3                  | 7.0             | 7.0 | 6.0 | 5.7 | 6.7 | 6.7 | 6.3 | 6.3 | 6.5  |
| MANHATTAN 5 GLR (PST-2AM)          | 7.0              | 6.0               | 51.7                     | 9.0                  | 6.7             | 5.7 | 5.7 | 6.3 | 7.3 | 7.0 | 7.0 | 6.7 | 6.5  |
| PST-2GSM                           | 6.7              | 5.7               | 28.3                     | 9.0                  | 7.0             | 5.3 | 4.3 | 4.7 | 8.0 | 8.0 | 7.3 | 7.0 | 6.5  |
| PST-2LAN                           | 6.7              | 6.0               | 30.0                     | 9.0                  | 7.0             | 6.3 | 5.0 | 5.3 | 8.0 | 7.3 | 7.0 | 6.3 | 6.5  |
| SNR                                | 7.3              | 5.7               | 30.0                     | 8.3                  | 6.7             | 6.3 | 5.3 | 5.0 | 8.0 | 7.3 | 7.0 | 6.7 | 6.5  |
| APR 1670                           | 7.0              | 6.7               | 51.7                     | 8.3                  | 6.3             | 4.7 | 5.7 | 5.7 | 7.7 | 7.3 | 7.3 | 6.7 | 6.4  |
| BAR LP 4420                        | 7.3              | 5.7               | 45.0                     | 8.3                  | 7.0             | 6.7 | 5.7 | 5.7 | 6.3 | 6.3 | 6.7 | 6.7 | 6.4  |
| E-99                               | 6.7              | 6.7               | 35.0                     | 9.0                  | 6.3             | 5.7 | 5.0 | 6.0 | 7.3 | 7.3 | 7.0 | 6.3 | 6.4  |
| GPR                                | 7.3              | 6.0               | 25.0                     | 9.0                  | 7.0             | 6.3 | 4.7 | 5.3 | 7.7 | 7.3 | 6.7 | 6.3 | 6.4  |
| OVERDRIVE                          | 7.0              | 6.0               | 38.3                     | 9.0                  | 6.7             | 6.0 | 5.0 | 5.7 | 7.3 | 7.0 | 6.7 | 6.7 | 6.4  |
| DELAWARE XL (PICK 01-2)            | 7.0              | 6.3               | 28.3                     | 9.0                  | 6.7             | 6.0 | 5.7 | 5.7 | 7.7 | 7.0 | 6.7 | 6.0 | 6.4  |
| QUICKSILVER                        | 7.0              | 4.7               | 35.0                     | 9.0                  | 7.0             | 6.0 | 5.3 | 5.3 | 7.7 | 7.3 | 6.7 | 6.0 | 6.4  |
| ASP6001 (RTS)                      | 7.3              | 5.7               | 26.7                     | 9.0                  | 7.3             | 6.7 | 5.3 | 4.7 | 7.7 | 7.0 | 6.3 | 6.0 | 6.4  |
| SECRETARIAT II GLSR (LTP-101-GLSR) | 7.3              | 6.3               | 26.7                     | 9.0                  | 5.7             | 5.3 | 5.0 | 5.3 | 8.0 | 7.7 | 7.3 | 6.7 | 6.4  |
| VB99                               | 7.3              | 6.0               | 30.0                     | 9.0                  | 7.3             | 6.7 | 5.3 | 4.7 | 7.3 | 7.0 | 6.7 | 6.3 | 6.4  |
| DP 17-9499                         | 7.7              | 6.7               | 43.3                     | 7.7                  | 5.3             | 5.7 | 5.7 | 6.3 | 7.7 | 6.7 | 6.7 | 6.3 | 6.3  |
| ACCENT II (JR-119)                 | 6.3              | 6.0               | 46.7                     | 9.0                  | 6.7             | 5.3 | 5.7 | 5.7 | 7.0 | 7.0 | 6.7 | 6.3 | 6.3  |
| LA QUINTA (JR-255)                 | 7.0              | 6.3               | 21.7                     | 9.0                  | 7.3             | 5.7 | 5.3 | 5.0 | 7.3 | 7.0 | 6.7 | 6.3 | 6.3  |
| TOP GUN II (JR-324)                | 6.7              | 6.0               | 35.0                     | 9.0                  | 7.3             | 6.3 | 5.7 | 6.0 | 7.0 | 6.3 | 6.0 | 6.0 | 6.3  |
| PARAGON GLR                        | 7.0              | 6.3               | 35.0                     | 9.0                  | 7.0             | 6.7 | 5.3 | 5.0 | 7.3 | 7.0 | 6.0 | 6.3 | 6.3  |
| REPELL GLS                         | 7.0              | 6.3               | 36.7                     | 9.0                  | 6.7             | 5.7 | 5.7 | 5.0 | 7.3 | 7.0 | 6.7 | 6.7 | 6.3  |
| 04-BRE                             | 7.3              | 6.3               | 41.7                     | 8.3                  | 6.3             | 6.0 | 4.3 | 4.3 | 7.7 | 7.3 | 6.7 | 6.7 | 6.2  |
| AF                                 | 7.7              | 6.7               | 38.3                     | 7.7                  | 6.3             | 5.7 | 4.7 | 5.0 | 8.0 | 7.7 | 6.0 | 6.3 | 6.2  |
| ASP6002 (BPR)                      | 7.0              | 5.7               | 25.0                     | 8.3                  | 6.7             | 5.7 | 5.0 | 5.0 | 7.7 | 6.7 | 6.7 | 6.0 | 6.2  |
| CITATION FORE                      | 7.0              | 7.0               | 40.0                     | 8.3                  | 5.7             | 6.0 | 5.7 | 6.0 | 6.7 | 6.7 | 6.3 | 6.7 | 6.2  |
| HEADSTART 2                        | 6.7              | 6.3               | 41.7                     | 8.3                  | 6.7             | 6.0 | 6.0 | 6.3 | 6.3 | 6.3 | 6.0 | 6.0 | 6.2  |
| L44                                | 7.7              | 6.0               | 26.7                     | 9.0                  | 6.7             | 6.3 | 5.0 | 5.0 | 7.0 | 6.7 | 6.3 | 6.3 | 6.2  |
| PS-2                               | 7.0              | 5.7               | 45.0                     | 8.3                  | 6.3             | 6.0 | 6.0 | 6.0 | 6.3 | 6.3 | 6.3 | 6.0 | 6.2  |

TABLE 4.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT WEST LAFAYETTE, IN 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                   | GENETIC<br>COLOR | SPRING<br>GREENUP | PERCENT<br>COVER<br>FALL | GRAY<br>LEAF<br>SPOT | QUALITY RATINGS |      |      |      |      |      |      |      | MEAN |
|------------------------|------------------|-------------------|--------------------------|----------------------|-----------------|------|------|------|------|------|------|------|------|
|                        |                  |                   |                          |                      | APR             | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  |      |
| PST-217                | 6.0              | 5.0               | 26.7                     | 9.0                  | 7.3             | 5.7  | 5.3  | 5.7  | 7.3  | 6.3  | 6.3  | 5.3  | 6.2  |
| PST-2BLK               | 6.3              | 5.0               | 35.0                     | 9.0                  | 6.3             | 5.7  | 5.3  | 4.7  | 7.7  | 7.3  | 6.7  | 6.0  | 6.2  |
| ARR 1664               | 5.0              | 6.3               | 31.7                     | 8.3                  | 6.0             | 6.0  | 4.7  | 5.0  | 7.3  | 6.7  | 6.7  | 6.3  | 6.1  |
| BAR LP 4317            | 7.0              | 5.7               | 33.3                     | 9.0                  | 6.3             | 5.0  | 4.7  | 5.3  | 6.7  | 7.0  | 6.7  | 7.0  | 6.1  |
| SUNSHINE 2             | 6.3              | 6.0               | 41.7                     | 7.0                  | 7.0             | 7.0  | 6.0  | 5.0  | 6.0  | 6.0  | 6.0  | 6.0  | 6.1  |
| PHENOM (APR 1660)      | 7.0              | 6.0               | 31.7                     | 9.0                  | 6.3             | 5.3  | 5.3  | 4.7  | 7.3  | 6.7  | 6.3  | 6.0  | 6.0  |
| PM 102                 | 7.3              | 6.7               | 43.3                     | 8.3                  | 6.0             | 6.3  | 5.0  | 5.7  | 6.7  | 6.0  | 6.0  | 6.0  | 6.0  |
| O4-BEN                 | 7.3              | 6.3               | 31.7                     | 9.0                  | 6.0             | 5.3  | 4.3  | 5.0  | 7.7  | 6.7  | 6.3  | 6.0  | 5.9  |
| SRX 4692               | 7.0              | 6.3               | 31.7                     | 9.0                  | 5.3             | 5.0  | 4.7  | 4.7  | 7.3  | 7.0  | 6.7  | 6.3  | 5.9  |
| APR 1648               | 7.3              | 7.0               | 45.0                     | 7.7                  | 7.0             | 7.0  | 5.0  | 5.3  | 5.7  | 6.0  | 5.3  | 5.3  | 5.8  |
| BRIGHTSTAR SLT         | 7.0              | 6.0               | 41.7                     | 7.7                  | 6.0             | 5.7  | 5.0  | 5.7  | 6.0  | 6.0  | 6.0  | 5.7  | 5.8  |
| GOALKEEPER II (JR-114) | 6.0              | 5.7               | 26.7                     | 8.3                  | 6.7             | 6.3  | 4.7  | 5.3  | 5.7  | 6.3  | 6.3  | 5.3  | 5.8  |
| PREMIER III            | 7.0              | 6.0               | 41.7                     | 9.0                  | 5.0             | 5.3  | 5.0  | 5.3  | 6.3  | 6.3  | 6.0  | 6.0  | 5.7  |
| PALMER III             | 6.3              | 6.0               | 43.3                     | 9.0                  | 5.7             | 5.0  | 5.0  | 5.3  | 6.3  | 6.3  | 6.0  | 5.3  | 5.6  |
| PANTHER                | 5.7              | 6.0               | 38.3                     | 9.0                  | 5.3             | 5.0  | 5.3  | 5.0  | 6.0  | 6.0  | 6.0  | 5.7  | 5.5  |
| PENTIUM                | 6.7              | 5.7               | 43.3                     | 8.3                  | 5.7             | 6.0  | 4.7  | 5.3  | 5.7  | 5.7  | 5.7  | 5.7  | 5.5  |
| SRX 4682               | 7.3              | 5.0               | 30.0                     | 8.3                  | 5.3             | 4.7  | 4.7  | 4.3  | 6.7  | 6.7  | 6.0  | 6.0  | 5.5  |
| DP 17-9788             | 6.7              | 6.0               | 30.0                     | 8.3                  | 5.3             | 5.3  | 4.7  | 5.0  | 5.7  | 5.7  | 5.7  | 5.7  | 5.4  |
| BARLENNIUM             | 6.0              | 6.0               | 41.7                     | 8.3                  | 5.3             | 5.3  | 4.7  | 5.0  | 5.0  | 5.7  | 5.0  | 5.0  | 5.1  |
| BAR LP 4920            | 6.3              | 6.7               | 41.7                     | 5.0                  | 6.0             | 6.0  | 5.3  | 5.0  | 3.3  | 4.3  | 4.0  | 4.3  | 4.8  |
| LPR 02203              | 5.3              | 5.7               | 30.0                     | 7.7                  | 6.0             | 4.3  | 4.3  | 4.3  | 4.3  | 4.3  | 5.7  | 5.0  | 4.8  |
| AFFINITY               | 5.7              | 5.3               | 36.7                     | 8.3                  | 5.0             | 4.3  | 4.0  | 4.0  | 5.0  | 5.0  | 4.7  | 4.3  | 4.5  |
| PREMIER                | 4.3              | 6.3               | 50.0                     | 4.3                  | 4.3             | 4.0  | 4.7  | 4.3  | 3.7  | 4.3  | 4.3  | 4.3  | 4.3  |
| PINNACLE               | 4.3              | 5.3               | 36.7                     | 5.7                  | 3.0             | 3.7  | 3.3  | 3.0  | 3.3  | 3.7  | 2.7  | 3.3  | 3.3  |
| LINN                   | 3.0              | 4.7               | 28.3                     | 4.3                  | 2.7             | 2.3  | 3.0  | 2.0  | 2.3  | 2.7  | 2.3  | 1.7  | 2.4  |
| LSD VALUE              | 1.6              | 1.4               | 45.8                     | 2.2                  | 1.5             | 1.3  | 1.7  | 1.8  | 1.4  | 1.4  | 1.5  | 1.6  | 0.9  |
| C.V. (%)               | 12.2             | 11.0              | 32.2                     | 12.2                 | 12.8            | 12.8 | 15.2 | 16.6 | 12.4 | 12.3 | 12.8 | 14.3 | 8.8  |

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 5. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 2004 NATIONAL PERENNIAL RYEGRASS TEST AT LEXINGTON, KY 1/  
 2005 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

| NAME                               | QUALITY RATINGS |     |     |     |     |     |     |     | MEAN |
|------------------------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|------|
|                                    | MAR             | APR | MAY | JUN | JUL | AUG | SEP | OCT |      |
| DP1                                | 8.3             | 8.3 | 8.0 | 7.0 | 7.3 | 8.7 | 7.3 | 7.7 | 7.8  |
| ATTRIBUTE (IS-PR 270)              | 8.0             | 8.7 | 8.3 | 8.0 | 7.7 | 7.7 | 6.3 | 6.0 | 7.6  |
| PICK RB-1                          | 8.3             | 8.0 | 7.3 | 6.7 | 6.3 | 8.7 | 7.7 | 7.7 | 7.6  |
| FIESTA 4 (PICK F4)                 | 8.0             | 8.0 | 7.7 | 7.0 | 6.3 | 8.7 | 7.0 | 7.3 | 7.5  |
| EXACTA II GLSR (LTP-611-GLSR)      | 7.7             | 7.0 | 7.7 | 7.7 | 6.7 | 8.0 | 7.3 | 7.0 | 7.4  |
| ALL*STAR 3 (IS-PR 274)             | 7.3             | 8.0 | 7.0 | 8.0 | 7.0 | 8.3 | 7.0 | 6.7 | 7.4  |
| SR 4600 (SRX 4SP)                  | 7.7             | 7.7 | 7.3 | 7.0 | 7.0 | 8.0 | 6.7 | 7.7 | 7.4  |
| AMAZING GS (IS-PR 276)             | 7.7             | 8.0 | 7.7 | 7.7 | 7.3 | 7.7 | 6.0 | 6.0 | 7.3  |
| MMW                                | 8.7             | 8.3 | 7.3 | 7.3 | 5.7 | 7.3 | 7.0 | 7.0 | 7.3  |
| HARRIER (SRX 4UP3)                 | 7.3             | 8.3 | 7.3 | 7.0 | 6.7 | 8.3 | 6.7 | 7.0 | 7.3  |
| SILVER DOLLAR                      | 7.7             | 8.0 | 7.0 | 7.7 | 7.0 | 7.3 | 6.3 | 6.3 | 7.2  |
| AAZ-B104                           | 7.3             | 7.7 | 6.7 | 5.7 | 7.0 | 8.3 | 6.7 | 8.3 | 7.2  |
| D04-11T                            | 7.7             | 7.7 | 7.7 | 7.7 | 6.7 | 7.3 | 6.7 | 6.3 | 7.2  |
| AF                                 | 7.7             | 7.3 | 7.3 | 7.0 | 6.3 | 7.3 | 7.0 | 7.0 | 7.1  |
| IS-PR 236                          | 7.3             | 8.0 | 7.3 | 7.0 | 7.0 | 7.3 | 6.0 | 6.7 | 7.1  |
| REVENGE GLX (JR-348)               | 7.7             | 7.7 | 6.7 | 7.0 | 6.3 | 8.0 | 6.3 | 7.0 | 7.1  |
| PALMER IV                          | 7.3             | 7.3 | 6.7 | 7.3 | 7.0 | 7.3 | 6.3 | 7.3 | 7.1  |
| RG3P                               | 7.3             | 7.7 | 7.3 | 7.3 | 7.7 | 7.3 | 6.0 | 6.0 | 7.1  |
| SECRETARIAT II GLSR (LTP-101-GLSR) | 7.3             | 7.3 | 7.7 | 7.7 | 6.7 | 7.3 | 6.0 | 6.7 | 7.1  |
| LINE DRIVE GLS (APR 1797)          | 7.3             | 7.7 | 6.3 | 7.3 | 7.0 | 7.3 | 6.3 | 6.7 | 7.0  |
| DERBY XTREME (IS-PR 268)           | 6.7             | 7.7 | 7.0 | 7.3 | 6.3 | 7.3 | 7.0 | 7.0 | 7.0  |
| PARAGON GLR                        | 7.3             | 7.7 | 7.7 | 6.7 | 6.7 | 7.7 | 6.0 | 6.0 | 7.0  |
| ARR 1664                           | 7.7             | 6.7 | 6.3 | 7.0 | 6.0 | 8.0 | 6.7 | 6.7 | 6.9  |
| D04-1667                           | 7.0             | 7.3 | 7.3 | 7.7 | 7.0 | 7.0 | 6.3 | 5.7 | 6.9  |
| KOKOMO II (IS-PR 235)              | 7.3             | 6.7 | 7.3 | 7.7 | 6.3 | 7.7 | 6.0 | 6.3 | 6.9  |
| PST-2MNG                           | 7.0             | 8.0 | 7.0 | 7.3 | 7.0 | 7.3 | 6.0 | 5.7 | 6.9  |
| RNS                                | 7.3             | 8.3 | 7.7 | 7.3 | 6.3 | 6.3 | 6.0 | 5.7 | 6.9  |
| AC2                                | 8.0             | 8.3 | 7.3 | 7.0 | 7.0 | 6.3 | 5.0 | 5.0 | 6.8  |
| APR 1670                           | 7.3             | 6.7 | 6.7 | 7.7 | 6.0 | 6.7 | 7.0 | 6.7 | 6.8  |
| CHARISMATIC II GLSR (LTP-PG-GLSR)  | 7.0             | 7.0 | 7.0 | 7.0 | 6.0 | 7.3 | 6.7 | 6.7 | 6.8  |
| GL-2                               | 7.0             | 8.3 | 7.3 | 7.3 | 6.7 | 6.7 | 6.0 | 5.3 | 6.8  |
| PRIMARY (IS-PR 269)                | 7.0             | 8.0 | 6.7 | 7.3 | 7.0 | 7.0 | 5.7 | 6.0 | 6.8  |
| REGAL 5 (IS-PR 271)                | 8.7             | 8.0 | 7.7 | 6.7 | 6.0 | 5.7 | 6.0 | 6.0 | 6.8  |
| KEYSTONE 2 (IS-PR 312)             | 7.3             | 7.7 | 7.0 | 7.7 | 7.3 | 6.7 | 5.3 | 5.0 | 6.8  |
| LCK                                | 7.7             | 7.3 | 7.7 | 7.0 | 7.0 | 6.7 | 5.7 | 5.3 | 6.8  |
| PANTHER GLS                        | 7.3             | 7.3 | 7.3 | 6.7 | 6.7 | 7.3 | 6.0 | 6.0 | 6.8  |
| PST-217                            | 8.0             | 7.7 | 7.0 | 7.0 | 7.0 | 6.7 | 5.7 | 5.3 | 6.8  |
| MANHATTAN 5 GLR (PST-2AM)          | 7.0             | 7.3 | 6.7 | 6.7 | 6.3 | 8.0 | 6.3 | 6.3 | 6.8  |
| PST-2GSM                           | 7.7             | 6.7 | 6.7 | 7.0 | 6.3 | 7.7 | 6.3 | 6.3 | 6.8  |
| RAD-PR8                            | 7.3             | 7.3 | 7.0 | 7.3 | 7.0 | 6.3 | 5.3 | 6.3 | 6.8  |
| SRX 4682                           | 7.0             | 6.7 | 7.0 | 6.3 | 6.7 | 7.3 | 6.3 | 7.0 | 6.8  |
| SRX 4692                           | 7.3             | 6.7 | 7.0 | 6.7 | 6.0 | 6.3 | 6.7 | 8.0 | 6.8  |
| APR 1663                           | 7.0             | 6.0 | 6.0 | 7.0 | 5.7 | 7.3 | 6.7 | 7.7 | 6.7  |
| D04-UP                             | 7.3             | 6.3 | 6.7 | 6.7 | 6.0 | 7.3 | 6.7 | 6.7 | 6.7  |
| PALACE (IS-PR 273)                 | 8.0             | 7.7 | 7.3 | 7.3 | 6.3 | 5.7 | 5.7 | 5.3 | 6.7  |
| REPELL GLS                         | 6.7             | 8.0 | 7.0 | 7.0 | 6.3 | 6.7 | 6.0 | 5.7 | 6.7  |
| SNR                                | 7.7             | 8.0 | 7.0 | 6.7 | 6.7 | 6.7 | 5.3 | 5.3 | 6.7  |

TABLE 5. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT LEXINGTON, KY 1/  
 2005 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

| NAME                    | QUALITY RATINGS |     |     |     |     |     |     |     | MEAN |
|-------------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|------|
|                         | MAR             | APR | MAY | JUN | JUL | AUG | SEP | OCT |      |
| BUENA VISTA             | 6.7             | 7.3 | 7.3 | 7.3 | 6.3 | 7.3 | 5.3 | 5.3 | 6.6  |
| CITATION FORE           | 7.3             | 8.0 | 7.0 | 7.3 | 6.3 | 6.0 | 5.7 | 5.0 | 6.6  |
| GRAY STAR (PST-2LGL)    | 7.0             | 7.3 | 6.7 | 7.0 | 6.0 | 7.0 | 5.7 | 6.0 | 6.6  |
| CABO II (IS-PR 233)     | 7.0             | 8.0 | 6.3 | 7.0 | 5.7 | 6.7 | 6.3 | 6.0 | 6.6  |
| MS2                     | 8.0             | 8.3 | 7.7 | 8.0 | 7.0 | 5.3 | 5.0 | 3.7 | 6.6  |
| PM 103                  | 8.0             | 7.7 | 7.3 | 7.3 | 6.3 | 6.3 | 5.0 | 5.0 | 6.6  |
| PST-2LAN                | 6.7             | 6.3 | 6.0 | 7.0 | 6.7 | 7.7 | 6.3 | 6.0 | 6.6  |
| PHENOM (APR 1660)       | 7.0             | 6.3 | 6.3 | 6.7 | 5.7 | 7.7 | 6.3 | 6.0 | 6.5  |
| PRESIDIO (CNV)          | 7.7             | 7.3 | 7.3 | 7.0 | 6.7 | 6.3 | 5.3 | 4.7 | 6.5  |
| ASP6004 (EXS54)         | 7.7             | 7.3 | 7.0 | 7.7 | 6.3 | 5.7 | 5.0 | 5.3 | 6.5  |
| FUSION                  | 7.0             | 7.3 | 7.0 | 7.7 | 6.3 | 6.3 | 5.0 | 5.0 | 6.5  |
| GPR                     | 7.3             | 7.7 | 7.0 | 7.7 | 6.7 | 6.0 | 4.7 | 4.7 | 6.5  |
| PROTEGE GLR             | 7.3             | 7.0 | 7.0 | 6.3 | 5.7 | 6.3 | 6.3 | 6.0 | 6.5  |
| VB99                    | 7.3             | 7.0 | 7.3 | 7.0 | 7.0 | 6.3 | 5.0 | 4.7 | 6.5  |
| DCM                     | 7.3             | 6.7 | 7.0 | 6.7 | 6.7 | 6.3 | 5.3 | 5.0 | 6.4  |
| CADDIESHACK II (JR-163) | 7.7             | 8.0 | 7.3 | 6.7 | 6.3 | 5.0 | 4.7 | 5.3 | 6.4  |
| MACH I                  | 8.0             | 8.7 | 7.7 | 7.7 | 7.0 | 5.7 | 3.3 | 3.0 | 6.4  |
| DELAWARE XL (PICK 01-2) | 8.3             | 7.7 | 7.7 | 6.7 | 6.7 | 6.0 | 4.3 | 4.0 | 6.4  |
| PM 101                  | 7.3             | 8.0 | 7.7 | 7.3 | 7.3 | 5.3 | 4.3 | 4.0 | 6.4  |
| PWDR                    | 7.7             | 7.0 | 6.7 | 8.0 | 6.3 | 6.0 | 4.7 | 4.7 | 6.4  |
| DP 17-9788              | 7.3             | 7.0 | 6.7 | 6.3 | 6.3 | 6.0 | 5.0 | 5.3 | 6.3  |
| MONTEREY 3 (JR-408)     | 7.3             | 7.7 | 6.3 | 7.0 | 7.3 | 6.3 | 4.3 | 4.3 | 6.3  |
| L44                     | 7.7             | 6.7 | 7.0 | 7.7 | 5.7 | 5.7 | 5.0 | 5.3 | 6.3  |
| OVERDRIVE               | 7.0             | 7.7 | 7.0 | 7.7 | 6.7 | 6.3 | 3.7 | 4.3 | 6.3  |
| PINNACLE II             | 7.0             | 7.0 | 6.7 | 7.7 | 6.3 | 6.3 | 4.7 | 4.3 | 6.3  |
| PST-2AG4                | 7.7             | 6.3 | 7.0 | 7.0 | 6.3 | 6.0 | 5.3 | 5.0 | 6.3  |
| SP4                     | 7.7             | 8.0 | 6.7 | 7.0 | 6.0 | 6.0 | 4.7 | 4.7 | 6.3  |
| TR47                    | 7.3             | 7.3 | 6.7 | 6.7 | 6.3 | 5.7 | 5.3 | 4.7 | 6.3  |
| ASP6003 (TRS)           | 7.3             | 7.0 | 7.7 | 7.3 | 6.0 | 5.7 | 4.7 | 4.3 | 6.3  |
| 04-BEN                  | 7.7             | 6.7 | 6.3 | 6.7 | 6.3 | 6.7 | 5.0 | 4.0 | 6.2  |
| ASP6005 (AJM)           | 7.3             | 7.7 | 6.7 | 6.7 | 6.7 | 5.7 | 4.3 | 4.7 | 6.2  |
| GALATTI (DP 17-9502)    | 7.0             | 8.0 | 7.3 | 6.3 | 7.0 | 6.0 | 4.3 | 3.7 | 6.2  |
| ES45                    | 7.0             | 6.7 | 6.3 | 6.0 | 5.3 | 7.0 | 5.3 | 5.7 | 6.2  |
| HALO (KN42)             | 6.7             | 6.3 | 7.0 | 6.7 | 6.0 | 6.3 | 5.3 | 5.0 | 6.2  |
| ACCENT II (JR-119)      | 7.3             | 7.3 | 6.3 | 6.7 | 6.7 | 6.7 | 4.3 | 4.3 | 6.2  |
| TOP GUN II (JR-324)     | 8.3             | 7.3 | 7.3 | 7.7 | 6.7 | 5.3 | 3.3 | 3.3 | 6.2  |
| ASP6006 (LPFG)          | 7.0             | 7.3 | 7.7 | 7.0 | 6.7 | 5.7 | 4.3 | 4.0 | 6.2  |
| QUICKSILVER             | 7.3             | 7.0 | 6.3 | 7.0 | 5.7 | 6.3 | 5.0 | 5.0 | 6.2  |
| ASP6001 (RTS)           | 7.3             | 6.7 | 7.0 | 7.3 | 6.0 | 6.0 | 5.0 | 4.3 | 6.2  |
| APR 1648                | 7.7             | 8.0 | 7.0 | 7.7 | 7.3 | 4.7 | 3.7 | 3.0 | 6.1  |
| PM 102                  | 7.0             | 7.7 | 7.7 | 7.0 | 6.0 | 5.3 | 4.3 | 3.7 | 6.1  |
| PRG HS-01-09            | 7.7             | 7.7 | 7.3 | 6.0 | 5.0 | 5.3 | 4.7 | 5.0 | 6.1  |
| VB77                    | 7.3             | 7.3 | 7.0 | 7.0 | 6.0 | 5.3 | 4.7 | 4.3 | 6.1  |
| 04-BRE                  | 7.7             | 7.3 | 7.0 | 6.7 | 5.0 | 5.7 | 4.3 | 4.0 | 6.0  |
| BAR LP 4420             | 7.3             | 7.0 | 6.3 | 7.3 | 6.0 | 6.3 | 4.3 | 3.7 | 6.0  |
| ASP6002 (BPR)           | 7.7             | 7.0 | 6.7 | 6.7 | 6.0 | 5.3 | 4.7 | 4.3 | 6.0  |
| D04-LP05                | 8.0             | 7.0 | 6.7 | 7.7 | 6.3 | 5.7 | 4.0 | 2.7 | 6.0  |

TABLE 5.  
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT LEXINGTON, KY 1/  
2005 DATA  
TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

| NAME                   | QUALITY RATINGS |      |     |     |      |      |      |      | MEAN |
|------------------------|-----------------|------|-----|-----|------|------|------|------|------|
|                        | MAR             | APR  | MAY | JUN | JUL  | AUG  | SEP  | OCT  |      |
| PICK 02-R              | 8.0             | 8.3  | 7.7 | 7.3 | 6.0  | 5.3  | 3.7  | 2.0  | 6.0  |
| PST-2BLK               | 7.3             | 6.7  | 6.7 | 6.0 | 6.0  | 5.7  | 4.7  | 5.0  | 6.0  |
| DP 17-9499             | 7.0             | 8.0  | 8.0 | 7.3 | 7.3  | 5.3  | 3.0  | 1.0  | 5.9  |
| PIANIST (DP 17-9505)   | 7.0             | 7.7  | 7.3 | 7.0 | 6.7  | 5.3  | 3.3  | 2.7  | 5.9  |
| E-99                   | 7.0             | 6.3  | 6.7 | 6.7 | 6.0  | 5.7  | 5.0  | 3.7  | 5.9  |
| INSPIRE                | 8.0             | 7.7  | 6.7 | 6.3 | 7.0  | 4.0  | 4.0  | 3.3  | 5.9  |
| BAR LP 4317            | 7.0             | 6.7  | 6.0 | 5.7 | 5.7  | 5.3  | 5.0  | 5.0  | 5.8  |
| HEADSTART 2            | 7.7             | 8.0  | 7.0 | 7.0 | 6.0  | 4.7  | 3.7  | 2.7  | 5.8  |
| PENTIUM                | 6.7             | 6.0  | 6.3 | 6.3 | 6.0  | 5.7  | 5.0  | 4.7  | 5.8  |
| PREMIER II             | 6.7             | 7.0  | 7.0 | 6.7 | 7.0  | 4.7  | 4.0  | 3.3  | 5.8  |
| BRIGHTSTAR SLT         | 6.7             | 7.0  | 7.3 | 7.3 | 6.0  | 4.0  | 4.0  | 3.3  | 5.7  |
| GOALKEEPER II (JR-114) | 7.0             | 8.0  | 6.7 | 6.7 | 6.3  | 4.3  | 3.7  | 3.0  | 5.7  |
| PALMER III             | 6.7             | 7.3  | 7.0 | 6.3 | 6.3  | 5.3  | 3.0  | 3.3  | 5.7  |
| SUNSHINE 2             | 8.0             | 7.0  | 7.3 | 7.3 | 6.3  | 3.7  | 3.7  | 2.0  | 5.7  |
| LA QUINTA (JR-255)     | 6.7             | 7.0  | 6.7 | 6.0 | 5.3  | 5.3  | 4.3  | 3.7  | 5.6  |
| PIZZAZZ                | 7.0             | 7.0  | 6.7 | 7.7 | 7.0  | 5.3  | 2.3  | 1.0  | 5.5  |
| BAR LP 4920            | 6.7             | 7.3  | 7.3 | 7.0 | 6.3  | 4.3  | 2.7  | 1.0  | 5.3  |
| PS-2                   | 7.7             | 7.3  | 7.3 | 6.3 | 6.3  | 4.3  | 1.7  | 1.7  | 5.3  |
| BARLENNIUM             | 6.3             | 7.0  | 7.0 | 6.7 | 6.3  | 3.7  | 3.0  | 1.7  | 5.2  |
| AFFINITY               | 5.3             | 5.7  | 5.0 | 4.7 | 5.0  | 5.0  | 4.7  | 3.0  | 4.8  |
| PANTHER                | 5.7             | 6.7  | 6.3 | 6.3 | 6.0  | 4.0  | 2.0  | 1.0  | 4.8  |
| PREMIER                | 6.0             | 4.7  | 4.7 | 4.7 | 5.0  | 4.7  | 4.7  | 4.3  | 4.8  |
| PINNACLE               | 6.0             | 4.3  | 4.3 | 4.7 | 4.7  | 3.0  | 4.0  | 3.3  | 4.3  |
| LPR 02203              | 7.0             | 5.7  | 6.3 | 5.7 | 4.3  | 2.0  | 1.7  | 1.0  | 4.2  |
| LINN                   | 3.7             | 3.3  | 3.0 | 2.3 | 2.0  | 2.7  | 1.7  | 1.0  | 2.5  |
| LSD VALUE              | 1.9             | 1.5  | 1.1 | 1.1 | 1.4  | 1.7  | 1.3  | 1.7  | 0.6  |
| C.V. (%)               | 11.7            | 11.8 | 9.5 | 9.5 | 12.4 | 16.9 | 16.3 | 22.2 | 6.2  |

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 6.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT AMHERST, MA 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                              | GENETIC<br>COLOR | WEAR<br>TOLERANCE | PERCENT<br>COVER<br>FALL | BROWN<br>PATCH<br>WARM TEMP. | PYTHIUM<br>BLIGHT | PERCENT<br>ESTABLISH-<br>MENT | QUALITY RATINGS |     |     |     |     |     |     | MEAN |
|-----------------------------------|------------------|-------------------|--------------------------|------------------------------|-------------------|-------------------------------|-----------------|-----|-----|-----|-----|-----|-----|------|
|                                   |                  |                   |                          |                              |                   |                               | MAY             | JUN | JUL | AUG | SEP | OCT | NOV |      |
| APR 1648                          | 7.3              | 5.0               | 99.0                     | 8.7                          | 8.7               | 60.0                          | 7.3             | 7.7 | 6.0 | 6.0 | 7.3 | 6.7 | 5.7 | 6.7  |
| D04-1667                          | 6.3              | 5.0               | 97.7                     | 9.0                          | 8.7               | 60.0                          | 6.7             | 6.7 | 6.3 | 6.7 | 7.3 | 6.7 | 6.0 | 6.6  |
| CABO II (IS-PR 233)               | 7.7              | 5.3               | 94.7                     | 9.0                          | 8.0               | 50.0                          | 8.0             | 7.3 | 5.7 | 6.0 | 6.7 | 6.7 | 5.7 | 6.6  |
| LINE DRIVE GLS (APR 1797)         | 5.7              | 5.7               | 97.7                     | 8.3                          | 8.0               | 53.3                          | 7.0             | 6.0 | 6.3 | 6.3 | 7.0 | 6.7 | 6.0 | 6.5  |
| GL-2                              | 6.0              | 6.0               | 97.7                     | 7.7                          | 8.0               | 66.7                          | 6.7             | 7.0 | 6.7 | 6.3 | 7.0 | 6.3 | 5.7 | 6.5  |
| IS-PR 236                         | 7.0              | 5.0               | 99.0                     | 9.0                          | 9.0               | 56.7                          | 7.0             | 6.3 | 6.0 | 6.0 | 7.0 | 7.0 | 6.3 | 6.5  |
| ALL*STAR 3 (IS-PR 274)            | 6.3              | 5.7               | 97.7                     | 8.3                          | 7.7               | 56.7                          | 7.3             | 6.7 | 6.0 | 5.7 | 7.0 | 6.7 | 6.0 | 6.5  |
| RNS                               | 6.7              | 5.0               | 99.0                     | 9.0                          | 8.3               | 66.7                          | 7.0             | 7.0 | 6.7 | 5.7 | 7.0 | 6.7 | 5.3 | 6.5  |
| SP4                               | 8.0              | 5.0               | 93.3                     | 9.0                          | 7.7               | 56.7                          | 7.7             | 7.7 | 5.3 | 6.7 | 7.0 | 6.0 | 5.3 | 6.5  |
| VB99                              | 8.0              | 5.0               | 95.0                     | 9.0                          | 8.3               | 53.3                          | 7.3             | 7.7 | 6.0 | 6.3 | 6.7 | 6.0 | 5.3 | 6.5  |
| CITATION FORE                     | 6.0              | 5.0               | 97.7                     | 8.0                          | 8.0               | 63.3                          | 7.0             | 7.0 | 5.7 | 6.7 | 6.7 | 5.7 | 6.0 | 6.4  |
| D04-11T                           | 6.7              | 5.0               | 99.0                     | 8.7                          | 8.0               | 60.0                          | 6.7             | 7.3 | 6.0 | 5.7 | 7.3 | 6.3 | 5.3 | 6.4  |
| GPR                               | 7.7              | 5.7               | 95.0                     | 9.0                          | 8.0               | 46.7                          | 7.3             | 6.7 | 6.3 | 6.3 | 6.0 | 6.3 | 5.7 | 6.4  |
| ATTRIBUTE (IS-PR 270)             | 6.3              | 5.7               | 96.3                     | 8.3                          | 8.0               | 53.3                          | 7.0             | 6.7 | 5.7 | 6.7 | 6.3 | 6.7 | 5.7 | 6.4  |
| REGAL 5 (IS-PR 271)               | 7.7              | 5.0               | 95.0                     | 8.3                          | 7.3               | 50.0                          | 8.0             | 7.0 | 5.3 | 6.3 | 6.7 | 6.3 | 5.3 | 6.4  |
| KEYSTONE 2 (IS-PR 312)            | 6.0              | 6.0               | 97.7                     | 8.7                          | 8.7               | 60.0                          | 6.7             | 7.0 | 6.3 | 6.0 | 6.7 | 6.7 | 5.7 | 6.4  |
| MMW                               | 6.7              | 6.3               | 97.7                     | 9.0                          | 8.0               | 66.7                          | 6.7             | 7.0 | 5.7 | 6.7 | 7.0 | 6.3 | 5.7 | 6.4  |
| DELAWARE XL (PICK 01-2)           | 6.7              | 6.3               | 94.7                     | 8.7                          | 8.3               | 53.3                          | 7.0             | 7.3 | 6.0 | 6.0 | 7.3 | 6.0 | 5.3 | 6.4  |
| DP 17-9499                        | 7.0              | 4.0               | 95.0                     | 8.7                          | 7.7               | 60.0                          | 7.0             | 7.3 | 5.7 | 6.0 | 6.7 | 5.7 | 5.7 | 6.3  |
| PICK RB-1                         | 6.0              | 5.3               | 96.3                     | 8.3                          | 7.7               | 56.7                          | 7.0             | 6.3 | 5.3 | 5.7 | 7.0 | 7.0 | 6.0 | 6.3  |
| PROTEGE GLR                       | 6.0              | 5.3               | 99.0                     | 9.0                          | 8.0               | 60.0                          | 6.7             | 5.7 | 5.7 | 6.0 | 7.0 | 7.0 | 6.0 | 6.3  |
| SR 4600 (SRX 4SP)                 | 6.0              | 5.3               | 99.0                     | 8.3                          | 8.0               | 53.3                          | 7.0             | 6.0 | 5.3 | 6.7 | 7.0 | 6.7 | 5.7 | 6.3  |
| ASP6005 (AJM)                     | 7.7              | 4.7               | 95.0                     | 9.0                          | 7.7               | 46.7                          | 7.7             | 7.0 | 5.7 | 6.3 | 6.3 | 5.7 | 5.0 | 6.2  |
| PHENOM (APR 1660)                 | 6.3              | 4.3               | 97.7                     | 8.3                          | 8.0               | 60.0                          | 7.0             | 6.7 | 6.0 | 5.7 | 6.3 | 6.7 | 5.3 | 6.2  |
| DERBY XTREME (IS-PR 268)          | 6.7              | 5.0               | 97.7                     | 8.7                          | 8.3               | 56.7                          | 6.7             | 6.0 | 5.0 | 5.7 | 7.0 | 7.0 | 6.3 | 6.2  |
| LCK                               | 6.3              | 5.3               | 97.7                     | 9.0                          | 8.3               | 56.7                          | 7.0             | 6.7 | 5.7 | 5.3 | 6.3 | 7.0 | 5.7 | 6.2  |
| MACH I                            | 7.3              | 5.3               | 90.0                     | 8.7                          | 8.3               | 53.3                          | 7.0             | 7.0 | 5.7 | 6.3 | 6.0 | 5.7 | 5.7 | 6.2  |
| PST-2GSM                          | 5.7              | 5.3               | 93.3                     | 8.3                          | 7.7               | 56.7                          | 7.0             | 6.7 | 6.3 | 5.7 | 6.0 | 6.0 | 5.7 | 6.2  |
| PWDR                              | 7.7              | 5.0               | 93.3                     | 9.0                          | 8.0               | 56.7                          | 7.7             | 7.0 | 5.7 | 5.3 | 6.7 | 5.7 | 5.3 | 6.2  |
| SNR                               | 7.7              | 4.7               | 95.0                     | 9.0                          | 8.3               | 53.3                          | 8.0             | 8.0 | 5.3 | 5.3 | 6.3 | 5.7 | 5.0 | 6.2  |
| O4-BEN                            | 6.0              | 4.7               | 91.7                     | 9.0                          | 7.7               | 43.3                          | 7.0             | 6.0 | 5.7 | 7.0 | 6.3 | 5.7 | 5.0 | 6.1  |
| AAZ-B104                          | 6.0              | 5.3               | 96.3                     | 8.7                          | 8.3               | 50.0                          | 7.0             | 5.7 | 5.0 | 6.0 | 6.7 | 6.7 | 5.7 | 6.1  |
| ARR 1664                          | 6.7              | 4.3               | 94.7                     | 8.0                          | 7.3               | 53.3                          | 6.7             | 6.3 | 5.3 | 5.7 | 6.0 | 6.7 | 6.0 | 6.1  |
| CHARISMATIC II GLSR (LTP-PG-GLSR) | 6.0              | 5.3               | 97.7                     | 6.7                          | 7.0               | 50.0                          | 6.7             | 5.3 | 6.0 | 6.3 | 6.7 | 6.0 | 5.7 | 6.1  |
| D04-LP05                          | 6.3              | 5.0               | 93.3                     | 9.0                          | 8.3               | 53.3                          | 7.0             | 6.7 | 5.7 | 6.3 | 6.3 | 5.3 | 5.3 | 6.1  |
| DCM                               | 6.3              | 5.7               | 93.3                     | 8.3                          | 5.7               | 63.3                          | 6.7             | 6.7 | 5.3 | 6.3 | 6.3 | 6.0 | 5.3 | 6.1  |
| PIANIST (DP 17-9505)              | 6.7              | 4.3               | 94.7                     | 8.7                          | 8.0               | 53.3                          | 6.7             | 7.3 | 5.7 | 6.0 | 6.7 | 5.7 | 5.0 | 6.1  |
| DP 17-9788                        | 6.0              | 4.0               | 96.3                     | 8.7                          | 7.7               | 60.0                          | 6.7             | 7.0 | 5.3 | 5.7 | 6.3 | 6.0 | 5.7 | 6.1  |
| EXACTA II GLSR (LTP-611-GLSR)     | 6.3              | 6.0               | 97.7                     | 9.0                          | 8.7               | 63.3                          | 7.3             | 6.3 | 5.3 | 4.7 | 6.7 | 6.7 | 6.0 | 6.1  |
| ASP6004 (EXS54)                   | 8.0              | 4.3               | 96.0                     | 7.7                          | 8.3               | 56.7                          | 7.7             | 6.3 | 5.3 | 5.7 | 6.7 | 5.7 | 5.3 | 6.1  |
| FUSION                            | 7.0              | 5.3               | 91.7                     | 8.7                          | 8.3               | 50.0                          | 7.3             | 6.3 | 5.7 | 5.7 | 6.3 | 6.3 | 5.3 | 6.1  |
| ACCENT II (JR-119)                | 6.0              | 4.3               | 97.7                     | 9.0                          | 8.3               | 60.0                          | 6.7             | 7.3 | 6.3 | 6.0 | 6.3 | 5.7 | 4.7 | 6.1  |
| TOP GUN II (JR-324)               | 6.3              | 5.3               | 91.7                     | 9.0                          | 8.7               | 60.0                          | 7.3             | 6.7 | 6.3 | 6.0 | 6.7 | 5.3 | 4.7 | 6.1  |
| PANTHER GLS                       | 5.7              | 4.7               | 96.0                     | 8.7                          | 8.7               | 60.0                          | 6.7             | 6.7 | 5.7 | 6.0 | 6.7 | 6.0 | 5.3 | 6.1  |
| FIESTA 4 (PICK F4)                | 6.3              | 3.7               | 97.7                     | 8.7                          | 7.7               | 53.3                          | 7.3             | 6.7 | 5.3 | 5.3 | 6.7 | 6.3 | 5.0 | 6.1  |
| PIZZAZZ                           | 6.3              | 4.7               | 91.7                     | 8.7                          | 8.0               | 60.0                          | 7.3             | 7.0 | 5.7 | 5.7 | 6.0 | 5.7 | 5.3 | 6.1  |
| PM 101                            | 7.3              | 5.0               | 94.7                     | 9.0                          | 7.7               | 46.7                          | 7.0             | 7.0 | 5.7 | 5.7 | 6.3 | 5.7 | 5.7 | 6.1  |

TABLE 6.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT AMHERST, MA 1/  
2005 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                               | GENETIC<br>COLOR | WEAR<br>TOLERANCE | PERCENT<br>COVER<br>FALL | BROWN<br>PATCH<br>WARM TEMP. | PYTHIUM<br>BLIGHT | PERCENT<br>ESTABLISH-<br>MENT | QUALITY RATINGS |     |     |     |     |     |     |     | MEAN |
|------------------------------------|------------------|-------------------|--------------------------|------------------------------|-------------------|-------------------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|------|
|                                    |                  |                   |                          |                              |                   |                               | MAY             | JUN | JUL | AUG | SEP | OCT | NOV |     |      |
| PRG HS-01-09                       | 6.7              | 4.3               | 95.0                     | 8.7                          | 8.7               | 53.3                          | 7.7             | 7.3 | 6.0 | 5.3 | 6.7 | 5.3 | 4.7 | 6.1 |      |
| RAD-PR8                            | 6.3              | 5.0               | 96.3                     | 9.0                          | 8.0               | 60.0                          | 7.0             | 7.0 | 6.0 | 5.7 | 6.3 | 5.7 | 5.3 | 6.1 |      |
| RG3P                               | 6.3              | 5.3               | 97.7                     | 8.3                          | 8.0               | 56.7                          | 7.0             | 6.7 | 5.3 | 6.0 | 6.7 | 6.3 | 5.0 | 6.1 |      |
| ASP6001 (RTS)                      | 7.7              | 4.0               | 91.7                     | 8.3                          | 7.3               | 56.7                          | 7.7             | 7.0 | 5.0 | 6.3 | 6.7 | 5.3 | 4.7 | 6.1 |      |
| TR47                               | 7.7              | 5.0               | 93.3                     | 8.3                          | 8.0               | 53.3                          | 8.0             | 6.7 | 5.7 | 5.7 | 6.3 | 5.3 | 5.3 | 6.1 |      |
| ASP6003 (TRS)                      | 8.0              | 4.7               | 93.3                     | 8.7                          | 8.7               | 56.7                          | 7.7             | 7.3 | 5.7 | 6.0 | 5.7 | 5.3 | 5.0 | 6.1 |      |
| AC2                                | 7.3              | 4.0               | 93.3                     | 8.0                          | 8.0               | 53.3                          | 7.3             | 6.3 | 6.0 | 5.3 | 6.7 | 5.3 | 5.0 | 6.0 |      |
| APR 1670                           | 5.7              | 5.0               | 95.0                     | 8.7                          | 8.3               | 60.0                          | 6.7             | 6.7 | 5.0 | 6.0 | 6.0 | 6.0 | 5.3 | 6.0 |      |
| BAR LP 4317                        | 5.0              | 4.3               | 95.0                     | 8.7                          | 8.0               | 50.0                          | 7.0             | 7.0 | 5.0 | 6.7 | 6.0 | 5.7 | 4.7 | 6.0 |      |
| BAR LP 4420                        | 6.3              | 5.3               | 91.7                     | 8.7                          | 8.3               | 53.3                          | 6.7             | 6.7 | 5.7 | 5.3 | 7.0 | 5.7 | 5.3 | 6.0 |      |
| BAR LP 4920                        | 6.7              | 4.3               | 93.3                     | 9.0                          | 8.3               | 70.0                          | 7.0             | 7.3 | 6.3 | 6.3 | 5.7 | 5.0 | 4.7 | 6.0 |      |
| ASP6002 (BPR)                      | 7.0              | 5.3               | 88.3                     | 8.7                          | 6.3               | 63.3                          | 8.0             | 7.0 | 5.0 | 6.3 | 6.0 | 5.0 | 4.7 | 6.0 |      |
| PRESIDIO (CNV)                     | 6.7              | 5.7               | 95.0                     | 8.7                          | 7.3               | 46.7                          | 7.0             | 7.0 | 5.3 | 5.3 | 6.0 | 6.0 | 5.3 | 6.0 |      |
| DP1                                | 6.3              | 7.0               | 97.7                     | 7.3                          | 7.0               | 63.3                          | 6.7             | 5.7 | 5.3 | 5.7 | 6.7 | 6.7 | 5.3 | 6.0 |      |
| E-99                               | 6.7              | 4.3               | 91.7                     | 9.0                          | 7.7               | 50.0                          | 7.0             | 6.0 | 5.7 | 6.0 | 6.3 | 5.7 | 5.0 | 6.0 |      |
| GRAY STAR (PST-2LGL)               | 6.3              | 4.7               | 96.3                     | 9.0                          | 8.7               | 56.7                          | 6.7             | 6.7 | 5.7 | 6.0 | 6.3 | 5.3 | 5.3 | 6.0 |      |
| PALACE (IS-PR 273)                 | 7.3              | 5.3               | 94.7                     | 9.0                          | 7.0               | 50.0                          | 7.3             | 7.0 | 4.7 | 5.7 | 5.3 | 6.3 | 5.3 | 6.0 |      |
| AMAZING GS (IS-PR 276)             | 6.7              | 4.3               | 96.3                     | 8.7                          | 8.3               | 66.7                          | 7.0             | 6.7 | 5.0 | 5.3 | 6.0 | 6.3 | 5.3 | 6.0 |      |
| REVENGE GLX (JR-348)               | 6.7              | 4.7               | 93.3                     | 7.7                          | 8.0               | 60.0                          | 7.0             | 6.0 | 5.3 | 5.7 | 6.7 | 6.0 | 5.3 | 6.0 |      |
| OVERDRIVE                          | 6.7              | 6.0               | 96.3                     | 8.7                          | 8.3               | 50.0                          | 7.0             | 7.0 | 5.7 | 6.0 | 6.0 | 5.3 | 5.3 | 6.0 |      |
| PM 102                             | 7.0              | 4.7               | 91.7                     | 8.3                          | 6.7               | 50.0                          | 7.7             | 6.0 | 6.0 | 5.3 | 6.3 | 5.3 | 5.3 | 6.0 |      |
| PM 103                             | 6.7              | 4.7               | 91.7                     | 9.0                          | 8.0               | 63.3                          | 7.3             | 6.3 | 5.7 | 6.0 | 6.3 | 5.3 | 5.0 | 6.0 |      |
| PREMIER II                         | 6.3              | 4.7               | 91.7                     | 8.3                          | 8.3               | 56.7                          | 6.7             | 6.7 | 5.7 | 6.7 | 6.3 | 5.3 | 5.0 | 6.0 |      |
| PS-2                               | 6.0              | 4.0               | 88.3                     | 9.0                          | 8.0               | 50.0                          | 6.7             | 6.3 | 6.0 | 6.0 | 6.0 | 5.3 | 5.3 | 6.0 |      |
| QUICKSILVER                        | 6.3              | 4.0               | 91.7                     | 8.7                          | 8.3               | 50.0                          | 7.3             | 6.3 | 5.7 | 6.0 | 6.0 | 5.3 | 5.3 | 6.0 |      |
| SECRETARIAT II GLSR (LTP-101-GLSR) | 5.7              | 5.3               | 97.7                     | 8.0                          | 8.0               | 60.0                          | 6.3             | 6.0 | 6.3 | 5.7 | 6.3 | 6.0 | 5.3 | 6.0 |      |
| \$ILVER DOLLAR                     | 6.0              | 5.0               | 96.3                     | 8.7                          | 8.3               | 60.0                          | 7.0             | 6.3 | 5.3 | 5.7 | 6.7 | 5.3 | 5.0 | 5.9 |      |
| APR 1663                           | 6.3              | 5.0               | 95.0                     | 8.3                          | 8.3               | 60.0                          | 7.0             | 5.7 | 5.3 | 5.7 | 6.3 | 6.0 | 5.0 | 5.9 |      |
| HALO (KN42)                        | 7.3              | 4.7               | 95.0                     | 8.7                          | 7.7               | 53.3                          | 7.7             | 7.0 | 4.7 | 5.7 | 6.3 | 5.3 | 4.3 | 5.9 |      |
| INSPIRE                            | 5.3              | 5.0               | 93.3                     | 8.7                          | 7.7               | 60.0                          | 6.7             | 6.3 | 5.7 | 5.7 | 6.7 | 5.3 | 4.7 | 5.9 |      |
| L44                                | 8.0              | 4.3               | 94.7                     | 8.3                          | 7.0               | 56.7                          | 7.7             | 7.0 | 4.3 | 5.7 | 6.0 | 5.3 | 5.3 | 5.9 |      |
| PALMER IV                          | 6.7              | 5.3               | 95.0                     | 8.3                          | 7.3               | 50.0                          | 7.3             | 6.0 | 5.3 | 4.7 | 6.3 | 6.0 | 5.3 | 5.9 |      |
| PENTIUM                            | 5.7              | 4.3               | 94.7                     | 8.3                          | 7.7               | 60.0                          | 6.7             | 6.3 | 5.3 | 6.3 | 6.3 | 5.3 | 4.7 | 5.9 |      |
| MANHATTAN 5 GLR (PST-2AM)          | 5.3              | 5.3               | 95.0                     | 7.3                          | 8.0               | 56.7                          | 6.7             | 5.7 | 6.0 | 6.0 | 6.0 | 5.3 | 5.3 | 5.9 |      |
| HARRIER (SRX 4UP3)                 | 5.7              | 5.0               | 97.7                     | 8.7                          | 7.3               | 56.7                          | 6.3             | 5.0 | 5.3 | 6.3 | 6.7 | 6.3 | 5.3 | 5.9 |      |
| VB77                               | 8.0              | 5.7               | 90.0                     | 8.3                          | 7.0               | 53.3                          | 7.0             | 7.0 | 4.7 | 6.3 | 6.3 | 5.3 | 4.7 | 5.9 |      |
| 04-BRE                             | 6.7              | 4.7               | 88.3                     | 8.0                          | 7.0               | 43.3                          | 6.7             | 6.3 | 5.0 | 6.3 | 6.0 | 5.3 | 4.7 | 5.8 |      |
| AF                                 | 6.3              | 5.3               | 91.7                     | 7.7                          | 7.0               | 50.0                          | 7.0             | 5.3 | 5.3 | 5.3 | 6.0 | 6.0 | 5.3 | 5.8 |      |
| BUENA VISTA                        | 6.7              | 5.7               | 96.3                     | 8.0                          | 8.0               | 60.0                          | 7.0             | 5.7 | 5.7 | 5.3 | 6.0 | 5.7 | 5.3 | 5.8 |      |
| GALATTI (DP 17-9502)               | 7.0              | 4.7               | 91.7                     | 8.3                          | 7.3               | 60.0                          | 7.3             | 6.7 | 5.0 | 5.3 | 6.0 | 5.0 | 5.3 | 5.8 |      |
| ES45                               | 7.7              | 5.0               | 91.7                     | 8.7                          | 7.3               | 43.3                          | 7.0             | 6.3 | 4.7 | 6.3 | 6.0 | 5.3 | 5.0 | 5.8 |      |
| KOKOMO II (IS-PR 235)              | 6.7              | 4.7               | 93.0                     | 8.0                          | 6.3               | 60.0                          | 7.0             | 6.0 | 4.7 | 5.7 | 6.0 | 5.3 | 5.7 | 5.8 |      |
| ASP6006 (LPGF)                     | 7.3              | 4.3               | 91.7                     | 8.7                          | 8.3               | 56.7                          | 7.7             | 6.3 | 5.7 | 5.3 | 6.0 | 5.0 | 4.7 | 5.8 |      |
| MS2                                | 7.0              | 4.0               | 93.3                     | 8.7                          | 8.3               | 60.0                          | 6.7             | 6.0 | 5.7 | 5.3 | 6.3 | 5.0 | 5.3 | 5.8 |      |
| PALMER III                         | 6.0              | 4.3               | 93.3                     | 8.3                          | 8.0               | 40.0                          | 6.7             | 6.3 | 6.3 | 6.3 | 5.3 | 4.7 | 5.0 | 5.8 |      |
| PARAGON GLR                        | 5.7              | 5.7               | 91.7                     | 8.3                          | 7.3               | 60.0                          | 7.0             | 5.3 | 5.3 | 5.7 | 6.3 | 6.0 | 5.0 | 5.8 |      |
| PINNACLE II                        | 6.3              | 4.3               | 90.0                     | 8.7                          | 8.7               | 56.7                          | 7.0             | 6.3 | 5.7 | 5.7 | 5.7 | 5.3 | 4.7 | 5.8 |      |

TABLE 6.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT AMHERST, MA 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                    | GENETIC<br>COLOR | WEAR<br>TOLERANCE | PERCENT<br>COVER<br>FALL | BROWN<br>PATCH<br>WARM TEMP. | PYTHIUM<br>BLIGHT | PERCENT<br>ESTABLISH-<br>MENT | QUALITY RATINGS |      |      |      |      |      |      | MEAN |
|-------------------------|------------------|-------------------|--------------------------|------------------------------|-------------------|-------------------------------|-----------------|------|------|------|------|------|------|------|
|                         |                  |                   |                          |                              |                   |                               | MAY             | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  |      |
| PST-2AG4                | 6.7              | 4.7               | 93.3                     | 8.3                          | 7.3               | 50.0                          | 7.0             | 5.7  | 5.3  | 6.0  | 5.7  | 5.3  | 5.7  | 5.8  |
| SRX 4692                | 7.0              | 3.7               | 96.3                     | 8.0                          | 7.3               | 53.3                          | 6.7             | 6.3  | 6.0  | 6.0  | 5.7  | 6.0  | 4.0  | 5.8  |
| BARLENNIUM              | 6.0              | 5.7               | 90.0                     | 8.7                          | 8.3               | 66.7                          | 6.3             | 6.3  | 6.0  | 6.0  | 5.7  | 5.0  | 4.3  | 5.7  |
| D04-UP                  | 6.0              | 6.3               | 94.7                     | 8.7                          | 7.3               | 53.3                          | 6.7             | 5.3  | 5.0  | 5.3  | 6.3  | 6.0  | 5.0  | 5.7  |
| MONTEREY 3 (JR-408)     | 6.3              | 4.7               | 91.7                     | 8.7                          | 7.7               | 56.7                          | 7.3             | 7.0  | 4.3  | 5.3  | 5.7  | 5.3  | 4.7  | 5.7  |
| PST-2BLK                | 6.7              | 3.7               | 95.0                     | 8.3                          | 7.3               | 53.3                          | 7.0             | 6.7  | 5.0  | 6.7  | 6.0  | 4.7  | 4.0  | 5.7  |
| PST-2LAN                | 5.7              | 4.3               | 91.7                     | 8.0                          | 7.7               | 56.7                          | 6.3             | 5.7  | 5.7  | 6.7  | 6.3  | 5.0  | 4.3  | 5.7  |
| REPELL GLS              | 5.3              | 5.0               | 96.3                     | 8.0                          | 7.7               | 56.7                          | 7.0             | 6.0  | 5.0  | 5.0  | 6.0  | 6.0  | 4.7  | 5.7  |
| SRX 4682                | 5.7              | 3.3               | 96.3                     | 8.0                          | 8.0               | 53.3                          | 6.3             | 6.0  | 5.0  | 5.7  | 6.3  | 5.7  | 4.7  | 5.7  |
| BRIGHTSTAR SLT          | 5.7              | 3.7               | 93.3                     | 8.3                          | 8.0               | 60.0                          | 6.3             | 6.0  | 5.7  | 5.0  | 5.7  | 5.3  | 5.0  | 5.6  |
| HEADSTART 2             | 7.0              | 4.3               | 90.0                     | 9.0                          | 8.3               | 50.0                          | 7.7             | 6.7  | 5.0  | 5.0  | 6.0  | 4.7  | 4.3  | 5.6  |
| PRIMARY (IS-PR 269)     | 6.0              | 4.0               | 96.3                     | 7.7                          | 6.3               | 53.3                          | 7.0             | 5.3  | 4.3  | 6.0  | 6.0  | 5.7  | 5.0  | 5.6  |
| LA QUINTA (JR-255)      | 7.7              | 5.3               | 90.0                     | 7.0                          | 7.0               | 46.7                          | 7.0             | 6.3  | 5.0  | 5.7  | 5.7  | 4.7  | 4.7  | 5.6  |
| PST-217                 | 6.3              | 5.0               | 91.7                     | 8.3                          | 8.7               | 50.0                          | 6.7             | 6.3  | 5.0  | 6.0  | 5.7  | 5.3  | 4.3  | 5.6  |
| PST-2MNG                | 6.3              | 5.3               | 93.3                     | 8.0                          | 8.0               | 60.0                          | 6.7             | 5.7  | 5.7  | 5.3  | 5.7  | 5.7  | 4.7  | 5.6  |
| AFFINITY                | 5.0              | 4.3               | 91.7                     | 9.0                          | 8.7               | 73.3                          | 5.7             | 6.7  | 6.7  | 5.7  | 5.3  | 4.3  | 4.3  | 5.5  |
| GOALKEEPER II (JR-114)  | 6.3              | 3.3               | 88.3                     | 8.3                          | 8.0               | 50.0                          | 7.0             | 6.3  | 5.0  | 5.7  | 5.7  | 4.3  | 4.7  | 5.5  |
| CADDIESHACK II (JR-163) | 6.0              | 3.7               | 86.7                     | 9.0                          | 8.0               | 53.3                          | 7.0             | 6.0  | 5.7  | 6.0  | 5.3  | 4.7  | 4.0  | 5.5  |
| PICK 02-R               | 7.7              | 4.3               | 83.3                     | 8.7                          | 8.3               | 46.7                          | 7.3             | 6.0  | 5.7  | 5.3  | 5.3  | 4.0  | 3.7  | 5.3  |
| PREMIER                 | 4.3              | 4.0               | 91.7                     | 8.7                          | 8.7               | 60.0                          | 5.0             | 6.7  | 6.3  | 6.3  | 5.0  | 4.0  | 4.0  | 5.3  |
| SUNSHINE 2              | 7.7              | 4.3               | 85.0                     | 9.0                          | 7.3               | 46.7                          | 7.0             | 6.7  | 4.7  | 4.3  | 5.0  | 4.7  | 4.0  | 5.2  |
| PANTHER                 | 4.7              | 3.7               | 83.3                     | 8.0                          | 7.7               | 66.7                          | 6.0             | 6.3  | 5.3  | 6.3  | 4.7  | 3.3  | 3.7  | 5.1  |
| PINNACLE                | 4.3              | 3.3               | 80.0                     | 7.7                          | 8.0               | 53.3                          | 5.3             | 6.7  | 6.0  | 5.7  | 4.3  | 3.3  | 4.0  | 5.0  |
| LPR 02203               | 4.3              | 3.7               | 70.0                     | 8.3                          | 8.0               | 63.3                          | 5.3             | 6.3  | 4.3  | 6.0  | 3.3  | 3.3  | 2.3  | 4.4  |
| LINN                    | 3.7              | 2.7               | 53.3                     | 8.3                          | 6.7               | 63.3                          | 4.0             | 4.0  | 3.0  | 3.3  | 2.3  | 2.3  | 2.3  | 3.0  |
| LSD VALUE               | 0.8              | 1.8               | 6.6                      | 1.2                          | 1.3               | 13.9                          | 0.7             | 1.2  | 1.8  | 1.6  | 1.1  | 0.9  | 1.0  | 0.6  |
| C.V. (%)                | 8.4              | 18.4              | 4.5                      | 6.8                          | 8.7               | 12.7                          | 6.4             | 10.4 | 13.8 | 12.2 | 10.5 | 10.1 | 11.6 | 5.9  |

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 7.

MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 2004 NATIONAL PERENNIAL RYEGRASS TEST AT COLLEGE PARK, MD 1/  
 2005 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

| NAME                              | QUALITY RATINGS |     |     |     | MEAN |
|-----------------------------------|-----------------|-----|-----|-----|------|
|                                   | JUL             | AUG | SEP | OCT |      |
| FIESTA 4 (PICK F4)                | 6.3             | 6.0 | 7.3 | 7.0 | 6.7  |
| DERBY XTREME (IS-PR 268)          | 6.3             | 5.7 | 7.3 | 7.0 | 6.6  |
| REGAL 5 (IS-PR 271)               | 6.3             | 5.7 | 7.0 | 7.3 | 6.6  |
| PARAGON GLR                       | 6.3             | 6.0 | 6.7 | 7.3 | 6.6  |
| PHENOM (APR 1660)                 | 6.0             | 6.0 | 7.0 | 7.0 | 6.5  |
| D04-11T                           | 6.3             | 6.0 | 6.7 | 7.0 | 6.5  |
| MMW                               | 6.3             | 5.7 | 6.7 | 7.3 | 6.5  |
| RG3P                              | 6.3             | 6.0 | 6.7 | 7.0 | 6.5  |
| PALACE (IS-PR 273)                | 6.0             | 6.0 | 7.0 | 6.7 | 6.4  |
| ALL*STAR 3 (IS-PR 274)            | 6.0             | 6.0 | 6.7 | 7.0 | 6.4  |
| PST-2MNG                          | 6.0             | 6.0 | 6.7 | 7.0 | 6.4  |
| AAZ-B104                          | 5.0             | 6.0 | 7.0 | 7.0 | 6.3  |
| BUENA VISTA                       | 5.3             | 6.0 | 6.7 | 7.0 | 6.3  |
| CHARISMATIC II GLSR (LTP-PG-GLSR) | 5.7             | 6.0 | 6.7 | 7.0 | 6.3  |
| PRIMARY (IS-PR 269)               | 5.7             | 5.7 | 7.0 | 6.7 | 6.3  |
| ATTRIBUTE (IS-PR 270)             | 6.3             | 5.3 | 6.7 | 6.7 | 6.3  |
| KEYSTONE 2 (IS-PR 312)            | 6.0             | 6.0 | 6.7 | 6.7 | 6.3  |
| LCK                               | 6.3             | 5.7 | 6.7 | 6.3 | 6.3  |
| MS2                               | 6.7             | 5.7 | 6.3 | 6.7 | 6.3  |
| PICK RB-1                         | 5.7             | 6.0 | 6.7 | 7.0 | 6.3  |
| PM 101                            | 6.3             | 6.0 | 6.7 | 6.0 | 6.3  |
| PROTEGE GLR                       | 6.3             | 6.0 | 6.3 | 6.7 | 6.3  |
| HARRIER (SRX 4UP3)                | 6.0             | 6.0 | 6.7 | 6.3 | 6.3  |
| LINE DRIVE GLS (APR 1797)         | 6.3             | 5.7 | 6.3 | 6.3 | 6.2  |
| EXACTA II GLSR (LTP-611-GLSR)     | 6.0             | 5.7 | 6.3 | 6.7 | 6.2  |
| GL-2                              | 5.7             | 5.3 | 7.0 | 6.7 | 6.2  |
| REVENGE GLX (JR-348)              | 5.3             | 6.0 | 7.0 | 6.3 | 6.2  |
| PST-217                           | 5.7             | 5.7 | 6.7 | 6.7 | 6.2  |
| PST-2GSM                          | 5.7             | 6.0 | 6.7 | 6.3 | 6.2  |
| PWDR                              | 6.0             | 5.7 | 6.7 | 6.3 | 6.2  |
| RNS                               | 5.7             | 5.7 | 6.7 | 6.7 | 6.2  |
| SR 4600 (SRX 4SP)                 | 6.0             | 5.7 | 6.3 | 6.7 | 6.2  |
| D04-1667                          | 6.0             | 5.7 | 6.0 | 6.7 | 6.1  |
| DP1                               | 5.3             | 5.7 | 6.7 | 6.7 | 6.1  |
| IS-PR 236                         | 5.7             | 5.3 | 6.3 | 7.0 | 6.1  |
| PM 103                            | 6.0             | 6.0 | 6.0 | 6.3 | 6.1  |
| REPELL GLS                        | 5.7             | 5.3 | 6.7 | 6.7 | 6.1  |
| AF                                | 5.7             | 5.7 | 6.0 | 6.7 | 6.0  |
| APR 1648                          | 6.3             | 6.0 | 6.3 | 5.3 | 6.0  |
| ARR 1664                          | 5.7             | 5.3 | 6.7 | 6.3 | 6.0  |
| DCM                               | 5.7             | 5.3 | 6.3 | 6.7 | 6.0  |
| FUSION                            | 5.3             | 5.0 | 7.0 | 6.7 | 6.0  |
| AMAZING GS (IS-PR 276)            | 5.0             | 5.0 | 7.0 | 7.0 | 6.0  |
| PANTHER GLS                       | 5.7             | 5.7 | 6.0 | 6.7 | 6.0  |
| PIZZAZZ                           | 6.0             | 5.7 | 6.3 | 6.0 | 6.0  |
| PRG HS-01-09                      | 5.7             | 5.7 | 6.7 | 6.0 | 6.0  |
| SP4                               | 5.7             | 5.7 | 6.3 | 6.3 | 6.0  |

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT COLLEGE PARK, MD 1/  
 2005 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

| NAME                               | QUALITY RATINGS |     |     |     | MEAN |
|------------------------------------|-----------------|-----|-----|-----|------|
|                                    | JUL             | AUG | SEP | OCT |      |
| ASP6003 (TRS)                      | 6.0             | 5.7 | 6.7 | 5.7 | 6.0  |
| PRESIDIO (CNV)                     | 6.0             | 5.7 | 6.0 | 6.0 | 5.9  |
| ASP6004 (EXS54)                    | 5.7             | 5.7 | 6.0 | 6.3 | 5.9  |
| ASP6006 (LPFG)                     | 5.7             | 5.0 | 6.7 | 6.3 | 5.9  |
| MACH I                             | 6.3             | 5.7 | 7.0 | 4.7 | 5.9  |
| OVERDRIVE                          | 5.7             | 5.7 | 6.3 | 6.0 | 5.9  |
| PENTIUM                            | 6.3             | 5.3 | 6.0 | 6.0 | 5.9  |
| MANHATTAN 5 GLR (PST-2AM)          | 5.7             | 5.0 | 6.7 | 6.3 | 5.9  |
| \$ILVER DOLLAR                     | 5.0             | 5.0 | 6.3 | 6.7 | 5.8  |
| 04-BRE                             | 5.3             | 5.3 | 6.0 | 6.3 | 5.8  |
| AC2                                | 5.7             | 5.7 | 6.0 | 6.0 | 5.8  |
| APR 1663                           | 5.7             | 5.3 | 6.0 | 6.0 | 5.8  |
| BARLENNIUM                         | 5.3             | 5.3 | 6.0 | 6.3 | 5.8  |
| CITATION FORE                      | 5.7             | 5.0 | 6.0 | 6.3 | 5.8  |
| D04-UP                             | 4.7             | 5.7 | 6.3 | 6.3 | 5.8  |
| E-99                               | 5.7             | 5.3 | 6.0 | 6.0 | 5.8  |
| GPR                                | 5.0             | 5.7 | 6.3 | 6.0 | 5.8  |
| GRAY STAR (PST-2LGL)               | 5.7             | 5.3 | 6.3 | 6.0 | 5.8  |
| INSPIRE                            | 6.0             | 5.7 | 6.0 | 5.7 | 5.8  |
| KOKOMO II (IS-PR 235)              | 5.7             | 5.3 | 6.0 | 6.3 | 5.8  |
| ACCENT II (JR-119)                 | 5.7             | 5.3 | 6.3 | 6.0 | 5.8  |
| TOP GUN II (JR-324)                | 5.3             | 6.0 | 6.3 | 5.7 | 5.8  |
| MONTEREY 3 (JR-408)                | 5.7             | 5.3 | 6.3 | 5.7 | 5.8  |
| DELAWARE XL (PICK 01-2)            | 5.7             | 5.7 | 6.7 | 5.3 | 5.8  |
| PINNACLE II                        | 6.0             | 5.3 | 6.3 | 5.7 | 5.8  |
| PM 102                             | 5.3             | 6.0 | 6.0 | 6.0 | 5.8  |
| PST-2BLK                           | 5.7             | 5.7 | 5.7 | 6.3 | 5.8  |
| PST-2LAN                           | 5.0             | 5.3 | 6.3 | 6.3 | 5.8  |
| ASP6001 (RTS)                      | 6.0             | 5.3 | 5.3 | 6.3 | 5.8  |
| SNR                                | 5.7             | 5.3 | 6.0 | 6.0 | 5.8  |
| TR47                               | 5.0             | 5.7 | 6.0 | 6.3 | 5.8  |
| ASP6005 (AJM)                      | 6.0             | 5.0 | 6.3 | 5.3 | 5.7  |
| BAR LP 4317                        | 5.7             | 5.7 | 5.7 | 5.7 | 5.7  |
| ASP6002 (BPR)                      | 5.3             | 5.3 | 5.7 | 6.3 | 5.7  |
| BRIGHTSTAR SLT                     | 6.0             | 5.0 | 5.7 | 6.0 | 5.7  |
| DP 17-9499                         | 5.7             | 4.7 | 6.3 | 6.0 | 5.7  |
| CADDIESHACK II (JR-163)            | 5.7             | 5.3 | 6.0 | 5.7 | 5.7  |
| PST-2AG4                           | 5.3             | 5.0 | 5.3 | 7.0 | 5.7  |
| RAD-PR8                            | 5.3             | 5.0 | 6.0 | 6.3 | 5.7  |
| D04-LP05                           | 5.7             | 5.0 | 5.7 | 6.0 | 5.6  |
| PIANIST (DP 17-9505)               | 5.7             | 5.3 | 6.0 | 5.3 | 5.6  |
| ES45                               | 5.3             | 4.7 | 6.0 | 6.3 | 5.6  |
| CABO II (IS-PR 233)                | 5.0             | 5.0 | 6.0 | 6.3 | 5.6  |
| PS-2                               | 5.3             | 5.3 | 5.7 | 6.0 | 5.6  |
| SECRETARIAT II GLSR (LTP-101-GLSR) | 5.3             | 4.7 | 6.0 | 6.3 | 5.6  |
| VB77                               | 5.0             | 5.3 | 6.3 | 5.7 | 5.6  |
| 04-BEN                             | 5.0             | 5.7 | 5.7 | 5.7 | 5.5  |

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT COLLEGE PARK, MD 1/  
 2005 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/

| NAME                   | QUALITY RATINGS |      |      |      | MEAN |
|------------------------|-----------------|------|------|------|------|
|                        | JUL             | AUG  | SEP  | OCT  |      |
| APR 1670               | 5.3             | 5.0  | 5.7  | 6.0  | 5.5  |
| BAR LP 4420            | 5.0             | 5.3  | 5.7  | 6.0  | 5.5  |
| DP 17-9788             | 5.0             | 5.3  | 5.7  | 6.0  | 5.5  |
| PALMER IV              | 5.3             | 4.3  | 6.0  | 6.3  | 5.5  |
| QUICKSILVER            | 4.7             | 5.3  | 6.3  | 5.7  | 5.5  |
| PALMER III             | 5.3             | 5.0  | 6.0  | 5.3  | 5.4  |
| VB99                   | 5.3             | 5.0  | 5.3  | 6.0  | 5.4  |
| GALATTI (DP 17-9502)   | 4.7             | 5.0  | 5.7  | 6.0  | 5.3  |
| HALO (KN42)            | 4.7             | 5.0  | 5.3  | 6.0  | 5.3  |
| L44                    | 5.3             | 5.0  | 5.3  | 5.7  | 5.3  |
| PREMIER II             | 4.7             | 5.3  | 5.7  | 5.3  | 5.3  |
| SRX 4692               | 5.0             | 5.0  | 5.3  | 5.7  | 5.3  |
| HEADSTART 2            | 5.3             | 4.7  | 5.3  | 5.3  | 5.2  |
| LA QUINTA (JR-255)     | 5.7             | 4.7  | 5.3  | 5.0  | 5.2  |
| SUNSHINE 2             | 5.7             | 5.0  | 5.3  | 4.7  | 5.2  |
| AFFINITY               | 5.0             | 4.3  | 5.3  | 5.0  | 4.9  |
| GOALKEEPER II (JR-114) | 5.0             | 5.0  | 5.0  | 4.7  | 4.9  |
| PANTHER                | 6.0             | 4.3  | 5.3  | 4.0  | 4.9  |
| PICK 02-R              | 5.3             | 5.3  | 5.3  | 3.7  | 4.9  |
| BAR LP 4920            | 5.0             | 4.7  | 5.7  | 3.7  | 4.8  |
| LPR 02203              | 5.7             | 4.7  | 4.7  | 4.3  | 4.8  |
| SRX 4682               | 4.0             | 4.3  | 5.0  | 5.3  | 4.7  |
| PREMIER                | 4.7             | 3.7  | 4.0  | 4.0  | 4.1  |
| PINNACLE               | 4.0             | 3.3  | 3.7  | 3.7  | 3.7  |
| LINN                   | 3.3             | 3.0  | 3.0  | 2.7  | 3.0  |
| LSD VALUE              | 1.2             | 1.0  | 1.3  | 1.0  | 0.6  |
| C.V. (%)               | 11.5            | 10.4 | 11.6 | 10.5 | 7.0  |

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 8. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 2004 NATIONAL PERENNIAL RYEGRASS TEST AT ORONO, ME 1/  
 2005 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                               | PERCENT            |       | QUALITY RATINGS |     |     | MEAN |
|------------------------------------|--------------------|-------|-----------------|-----|-----|------|
|                                    | ESTABLISH-<br>MENT | WEEDS | AUG             | SEP | OCT |      |
| D04-11T                            | 76.7               | 6.7   | 7.7             | 7.0 | 7.3 | 7.3  |
| AAZ-B104                           | 65.0               | 8.0   | 6.3             | 7.7 | 7.7 | 7.2  |
| PROTEGE GLR                        | 86.7               | 8.3   | 7.0             | 7.0 | 7.7 | 7.2  |
| BUENA VISTA                        | 65.0               | 7.3   | 6.7             | 6.7 | 7.7 | 7.0  |
| REGAL 5 (IS-PR 271)                | 85.0               | 6.3   | 6.7             | 7.0 | 7.3 | 7.0  |
| RG3P                               | 70.0               | 8.7   | 7.0             | 8.0 | 6.0 | 7.0  |
| AF                                 | 68.3               | 6.3   | 6.7             | 6.0 | 8.0 | 6.9  |
| APR 1670                           | 65.0               | 7.3   | 7.0             | 7.3 | 6.3 | 6.9  |
| D04-UP                             | 65.0               | 5.3   | 7.3             | 6.3 | 7.0 | 6.9  |
| FUSION                             | 83.3               | 7.7   | 7.0             | 6.7 | 7.0 | 6.9  |
| GL-2                               | 78.3               | 7.3   | 6.7             | 6.3 | 7.7 | 6.9  |
| PRIMARY (IS-PR 269)                | 56.7               | 8.7   | 7.0             | 7.0 | 6.7 | 6.9  |
| APR 1663                           | 66.7               | 7.7   | 7.0             | 6.3 | 7.0 | 6.8  |
| EXACTA II GLSR (LTP-611-GLSR)      | 81.7               | 6.0   | 6.3             | 6.7 | 7.3 | 6.8  |
| IS-PR 236                          | 70.0               | 6.0   | 7.0             | 6.7 | 6.7 | 6.8  |
| PALACE (IS-PR 273)                 | 71.7               | 7.0   | 7.0             | 6.7 | 6.7 | 6.8  |
| AMAZING GS (IS-PR 276)             | 70.0               | 7.7   | 7.0             | 6.3 | 7.0 | 6.8  |
| KEYSTONE 2 (IS-PR 312)             | 75.0               | 8.7   | 6.7             | 7.0 | 6.7 | 6.8  |
| LCK                                | 60.0               | 6.7   | 7.3             | 6.3 | 6.7 | 6.8  |
| PARAGON GLR                        | 80.0               | 7.3   | 7.3             | 6.0 | 7.0 | 6.8  |
| SR 4600 (SRX 4SP)                  | 61.7               | 7.3   | 7.0             | 6.7 | 6.7 | 6.8  |
| ARR 1664                           | 70.0               | 7.0   | 6.7             | 6.0 | 7.3 | 6.7  |
| DCM                                | 75.0               | 7.3   | 6.7             | 7.0 | 6.3 | 6.7  |
| DERBY XTREME (IS-PR 268)           | 78.3               | 4.3   | 7.3             | 5.7 | 7.0 | 6.7  |
| ALL*STAR 3 (IS-PR 274)             | 73.3               | 7.3   | 6.7             | 6.3 | 7.0 | 6.7  |
| BRIGHTSTAR SLT                     | 85.0               | 6.0   | 6.7             | 6.7 | 6.3 | 6.6  |
| CHARISMATIC II GLSR (LTP-PG-GLSR)  | 56.7               | 7.0   | 7.0             | 6.0 | 6.7 | 6.6  |
| PALMER IV                          | 81.7               | 4.7   | 7.7             | 5.7 | 6.3 | 6.6  |
| D04-1667                           | 81.7               | 6.0   | 6.7             | 5.7 | 7.0 | 6.4  |
| GRAY STAR (PST-2LGL)               | 66.7               | 7.0   | 6.3             | 7.0 | 6.0 | 6.4  |
| CABO II (IS-PR 233)                | 71.7               | 6.3   | 7.0             | 5.7 | 6.7 | 6.4  |
| KOKOMO II (IS-PR 235)              | 50.0               | 6.3   | 6.0             | 6.7 | 6.7 | 6.4  |
| MACH I                             | 81.7               | 5.3   | 7.7             | 5.7 | 6.0 | 6.4  |
| PANTHER GLS                        | 73.3               | 8.0   | 6.7             | 6.7 | 6.0 | 6.4  |
| PREMIER II                         | 68.3               | 8.0   | 6.7             | 7.3 | 5.3 | 6.4  |
| O4-BEN                             | 60.0               | 7.7   | 6.0             | 7.0 | 6.0 | 6.3  |
| PIANIST (DP 17-9505)               | 86.7               | 6.3   | 7.3             | 5.7 | 6.0 | 6.3  |
| GPR                                | 78.3               | 8.3   | 6.3             | 6.7 | 6.0 | 6.3  |
| PM 103                             | 71.7               | 7.3   | 6.7             | 6.7 | 5.7 | 6.3  |
| RNS                                | 73.3               | 8.3   | 6.7             | 6.0 | 6.3 | 6.3  |
| SECRETARIAT II GLSR (LTP-101-GLSR) | 71.7               | 6.3   | 6.3             | 6.0 | 6.7 | 6.3  |
| HARRIER (SRX 4UP3)                 | 53.3               | 7.0   | 6.7             | 6.0 | 6.3 | 6.3  |
| BARLENNIUM                         | 80.0               | 6.7   | 6.7             | 6.3 | 5.7 | 6.2  |
| CITATION FORE                      | 73.3               | 6.0   | 6.3             | 6.7 | 5.7 | 6.2  |
| E-99                               | 73.3               | 8.3   | 6.7             | 6.0 | 6.0 | 6.2  |
| ATTRIBUTE (IS-PR 270)              | 71.7               | 6.7   | 7.0             | 5.0 | 6.7 | 6.2  |
| PANTHER                            | 85.0               | 6.0   | 6.7             | 6.3 | 5.7 | 6.2  |

TABLE 8. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT ORONO, ME 1/  
 2005 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                      | PERCENT            |       | QUALITY RATINGS |     |     | MEAN |
|---------------------------|--------------------|-------|-----------------|-----|-----|------|
|                           | ESTABLISH-<br>MENT | WEEDS | AUG             | SEP | OCT |      |
| PIZZAZZ                   | 81.7               | 6.3   | 6.3             | 5.7 | 6.7 | 6.2  |
| PST-217                   | 50.0               | 6.7   | 7.3             | 5.3 | 6.0 | 6.2  |
| VB99                      | 56.7               | 7.0   | 6.3             | 5.3 | 7.0 | 6.2  |
| ASP6005 (AJM)             | 53.3               | 6.3   | 6.0             | 6.0 | 6.3 | 6.1  |
| APR 1648                  | 78.3               | 6.7   | 7.3             | 5.7 | 5.3 | 6.1  |
| PRESIDIO (CNV)            | 73.3               | 5.0   | 6.7             | 6.0 | 5.7 | 6.1  |
| DP 17-9499                | 80.0               | 5.3   | 7.0             | 5.7 | 5.7 | 6.1  |
| GALATTI (DP 17-9502)      | 73.3               | 4.3   | 7.3             | 5.3 | 5.7 | 6.1  |
| REVENGE GLX (JR-348)      | 65.0               | 5.7   | 6.3             | 5.7 | 6.3 | 6.1  |
| PM 101                    | 76.7               | 6.7   | 7.7             | 5.7 | 5.0 | 6.1  |
| MANHATTAN 5 GLR (PST-2AM) | 75.0               | 6.7   | 6.3             | 6.3 | 5.7 | 6.1  |
| QUICKSILVER               | 86.7               | 3.7   | 6.7             | 6.3 | 5.3 | 6.1  |
| RAD-PR8                   | 73.3               | 5.7   | 7.3             | 5.3 | 5.7 | 6.1  |
| SUNSHINE 2                | 56.7               | 6.3   | 7.3             | 5.3 | 5.7 | 6.1  |
| DP 17-9788                | 71.7               | 5.7   | 6.3             | 6.0 | 5.7 | 6.0  |
| CADDIESHACK II (JR-163)   | 85.0               | 7.3   | 6.3             | 5.7 | 6.0 | 6.0  |
| MMW                       | 85.0               | 4.7   | 6.3             | 5.7 | 6.0 | 6.0  |
| OVERDRIVE                 | 60.0               | 6.3   | 6.3             | 6.3 | 5.3 | 6.0  |
| FIESTA 4 (PICK F4)        | 71.7               | 6.7   | 6.3             | 5.7 | 6.0 | 6.0  |
| PICK RB-1                 | 85.0               | 6.7   | 6.3             | 5.0 | 6.7 | 6.0  |
| PINNACLE II               | 80.0               | 5.7   | 6.3             | 6.0 | 5.7 | 6.0  |
| PST-2MNG                  | 76.7               | 3.7   | 6.7             | 6.0 | 5.3 | 6.0  |
| ASP6003 (TRS)             | 66.7               | 6.7   | 6.7             | 6.0 | 5.3 | 6.0  |
| AC2                       | 70.0               | 6.7   | 6.0             | 5.7 | 6.0 | 5.9  |
| LINE DRIVE GLS (APR 1797) | 76.7               | 6.3   | 6.3             | 6.0 | 5.3 | 5.9  |
| D04-LP05                  | 76.7               | 3.7   | 7.0             | 5.0 | 5.7 | 5.9  |
| ES45                      | 76.7               | 5.0   | 6.0             | 5.3 | 6.3 | 5.9  |
| ASP6006 (LPFG)            | 41.7               | 8.3   | 5.3             | 6.0 | 6.3 | 5.9  |
| PALMER III                | 65.0               | 4.7   | 6.7             | 5.7 | 5.3 | 5.9  |
| PENTIUM                   | 63.3               | 4.7   | 6.3             | 6.3 | 5.0 | 5.9  |
| DELAWARE XL (PICK 01-2)   | 58.3               | 8.0   | 6.0             | 5.3 | 6.3 | 5.9  |
| PICK 02-R                 | 71.7               | 8.0   | 6.3             | 5.3 | 6.0 | 5.9  |
| PS-2                      | 73.3               | 5.0   | 7.0             | 5.3 | 5.3 | 5.9  |
| PST-2AG4                  | 75.0               | 5.0   | 6.0             | 5.7 | 6.0 | 5.9  |
| SRX 4692                  | 58.3               | 4.7   | 7.3             | 5.7 | 4.7 | 5.9  |
| 04-BRE                    | 56.7               | 8.0   | 6.0             | 6.0 | 5.3 | 5.8  |
| PHENOM (APR 1660)         | 70.0               | 4.3   | 6.3             | 5.3 | 5.7 | 5.8  |
| BAR LP 4420               | 85.0               | 5.3   | 6.3             | 5.7 | 5.3 | 5.8  |
| BAR LP 4920               | 80.0               | 6.7   | 6.0             | 5.7 | 5.7 | 5.8  |
| PWDR                      | 65.0               | 6.7   | 5.7             | 5.7 | 6.0 | 5.8  |
| ASP6001 (RTS)             | 70.0               | 6.7   | 6.3             | 5.3 | 5.7 | 5.8  |
| TR47                      | 73.3               | 5.7   | 6.0             | 5.7 | 5.7 | 5.8  |
| ASP6004 (EXS54)           | 38.3               | 7.0   | 6.3             | 5.3 | 5.3 | 5.7  |
| INSPIRE                   | 78.3               | 7.3   | 6.0             | 5.7 | 5.3 | 5.7  |
| PRG HS-01-09              | 70.0               | 6.7   | 6.7             | 4.7 | 5.7 | 5.7  |
| PST-2LAN                  | 85.0               | 4.3   | 6.3             | 5.3 | 5.3 | 5.7  |
| REPELL GLS                | 85.0               | 6.3   | 7.0             | 5.0 | 5.0 | 5.7  |

TABLE 8. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT ORONO, ME 1/  
 2005 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                   | PERCENT ESTABLISH- |       | QUALITY RATINGS |      |      |      | MEAN |
|------------------------|--------------------|-------|-----------------|------|------|------|------|
|                        | MENT               | WEEDS | AUG             | SEP  | OCT  |      |      |
| ASP6002 (BPR)          | 70.0               | 6.7   | 6.3             | 5.0  | 5.3  | 5.6  |      |
| HALO (KN42)            | 65.0               | 4.7   | 6.0             | 5.0  | 5.7  | 5.6  |      |
| ACCENT II (JR-119)     | 66.7               | 7.0   | 5.3             | 6.3  | 5.0  | 5.6  |      |
| LA QUINTA (JR-255)     | 41.7               | 7.0   | 6.0             | 5.0  | 5.7  | 5.6  |      |
| L44                    | 78.3               | 6.0   | 5.0             | 6.0  | 5.7  | 5.6  |      |
| MS2                    | 80.0               | 4.7   | 6.7             | 5.0  | 5.0  | 5.6  |      |
| SP4                    | 76.7               | 5.0   | 6.3             | 5.3  | 5.0  | 5.6  |      |
| DP1                    | 80.0               | 7.0   | 5.7             | 4.7  | 6.0  | 5.4  |      |
| TOP GUN II (JR-324)    | 66.7               | 8.0   | 6.0             | 5.3  | 5.0  | 5.4  |      |
| MONTEREY 3 (JR-408)    | 78.3               | 8.0   | 5.7             | 5.7  | 5.0  | 5.4  |      |
| PINNACLE               | 63.3               | 5.3   | 6.3             | 5.0  | 5.0  | 5.4  |      |
| PM 102                 | 75.0               | 5.3   | 5.3             | 5.3  | 5.7  | 5.4  |      |
| SNR                    | 70.0               | 7.0   | 6.0             | 5.3  | 5.0  | 5.4  |      |
| \$ILVER DOLLAR         | 81.7               | 4.7   | 6.3             | 4.7  | 5.0  | 5.3  |      |
| HEADSTART 2            | 85.0               | 8.0   | 5.7             | 5.3  | 5.0  | 5.3  |      |
| LPR 02203              | 76.7               | 7.3   | 5.0             | 6.0  | 5.0  | 5.3  |      |
| PST-2GSM               | 75.0               | 3.3   | 6.3             | 5.0  | 4.7  | 5.3  |      |
| AFFINITY               | 88.3               | 9.0   | 6.0             | 5.3  | 4.3  | 5.2  |      |
| BAR LP 4317            | 55.0               | 5.3   | 5.7             | 4.7  | 5.3  | 5.2  |      |
| GOALKEEPER II (JR-114) | 78.3               | 6.3   | 7.0             | 4.3  | 4.3  | 5.2  |      |
| SRX 4682               | 65.0               | 7.0   | 6.3             | 4.7  | 4.7  | 5.2  |      |
| PREMIER                | 63.3               | 5.7   | 5.3             | 5.3  | 4.7  | 5.1  |      |
| PST-2BLK               | 83.3               | 7.0   | 4.7             | 5.7  | 5.0  | 5.1  |      |
| VB77                   | 56.7               | 6.3   | 4.7             | 4.7  | 5.7  | 5.0  |      |
| LINN                   | 75.0               | 6.0   | 5.3             | 3.7  | 4.0  | 4.3  |      |
| LSD VALUE              | 44.4               | 8.8   | 3.8             | 2.3  | 1.9  | 1.6  |      |
| C.V. (%)               | 21.5               | 32.5  | 15.4            | 17.0 | 16.4 | 11.9 |      |

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 9.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 2004 NATIONAL PERENNIAL RYEGRASS TEST AT EAST LANSING, MI 1/  
 2005 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                               | DENSITY<br>SUMMER | DENSITY<br>FALL | PERCENT         |               | APR | JUN | QUALITY RATINGS |     |     |     |     | MEAN |
|------------------------------------|-------------------|-----------------|-----------------|---------------|-----|-----|-----------------|-----|-----|-----|-----|------|
|                                    |                   |                 | COVER<br>SUMMER | COVER<br>FALL |     |     | JUL             | AUG | SEP | OCT | NOV |      |
| MACH I                             | 6.3               | 7.0             | 88.3            | 97.0          | 6.0 | 6.7 | 7.0             | 7.0 | 7.0 | 7.0 | 7.3 | 6.9  |
| AAZ-B104                           | 6.3               | 7.0             | 90.0            | 97.7          | 5.7 | 6.0 | 6.7             | 7.0 | 7.0 | 7.7 | 7.3 | 6.8  |
| SR 4600 (SRX 4SP)                  | 6.7               | 7.3             | 90.0            | 95.7          | 6.3 | 6.3 | 7.0             | 7.0 | 7.0 | 6.7 | 7.3 | 6.8  |
| D04-11T                            | 6.7               | 7.7             | 90.0            | 96.3          | 6.0 | 6.0 | 7.0             | 7.0 | 6.7 | 6.7 | 7.3 | 6.7  |
| DERBY XTREME (IS-PR 268)           | 6.3               | 7.7             | 81.7            | 96.3          | 6.0 | 7.0 | 6.7             | 6.0 | 6.7 | 7.3 | 7.3 | 6.7  |
| AMAZING GS (IS-PR 276)             | 6.7               | 7.3             | 81.7            | 96.3          | 5.7 | 6.0 | 6.7             | 6.3 | 7.0 | 7.3 | 7.0 | 6.6  |
| ARR 1664                           | 6.7               | 6.7             | 78.3            | 88.3          | 5.7 | 6.3 | 6.0             | 6.7 | 6.7 | 7.0 | 7.0 | 6.5  |
| DP1                                | 5.7               | 6.7             | 86.7            | 96.3          | 5.3 | 6.7 | 6.0             | 6.7 | 6.7 | 7.0 | 7.0 | 6.5  |
| EXACTA II GLSR (LTP-611-GLSR)      | 5.3               | 6.3             | 76.7            | 94.0          | 5.3 | 6.3 | 6.0             | 6.3 | 6.7 | 7.3 | 7.3 | 6.5  |
| AF                                 | 6.0               | 7.0             | 86.7            | 93.3          | 6.3 | 7.0 | 6.3             | 6.0 | 6.3 | 6.3 | 6.3 | 6.4  |
| PRIMARY (IS-PR 269)                | 6.3               | 6.7             | 88.3            | 95.7          | 6.0 | 6.3 | 6.7             | 6.3 | 5.7 | 7.3 | 6.7 | 6.4  |
| PARAGON GLR                        | 6.7               | 6.3             | 85.0            | 95.7          | 6.0 | 6.3 | 6.3             | 7.0 | 6.3 | 6.7 | 6.3 | 6.4  |
| PICK RB-1                          | 5.7               | 6.7             | 86.7            | 96.7          | 5.3 | 6.0 | 6.3             | 6.7 | 6.3 | 7.3 | 7.0 | 6.4  |
| PIZZAZZ                            | 6.3               | 7.3             | 71.7            | 94.3          | 5.7 | 6.7 | 6.3             | 6.0 | 6.7 | 6.7 | 7.0 | 6.4  |
| DCM                                | 6.0               | 6.0             | 91.7            | 81.3          | 6.0 | 6.3 | 7.0             | 6.0 | 6.3 | 6.3 | 6.3 | 6.3  |
| ATTRIBUTE (IS-PR 270)              | 6.0               | 7.0             | 71.7            | 91.7          | 5.3 | 6.7 | 6.3             | 6.0 | 6.3 | 7.0 | 6.7 | 6.3  |
| KEYSTONE 2 (IS-PR 312)             | 6.3               | 7.0             | 85.0            | 93.3          | 5.3 | 5.7 | 6.3             | 7.0 | 6.3 | 6.7 | 6.7 | 6.3  |
| ALL*STAR 3 (IS-PR 274)             | 5.3               | 7.0             | 83.3            | 95.7          | 5.3 | 5.7 | 5.7             | 6.3 | 6.7 | 7.7 | 7.0 | 6.3  |
| PM 103                             | 6.0               | 5.3             | 90.0            | 89.0          | 5.3 | 6.7 | 6.7             | 6.3 | 6.3 | 6.7 | 6.3 | 6.3  |
| VB77                               | 5.7               | 6.0             | 86.7            | 93.3          | 5.3 | 5.7 | 7.0             | 6.0 | 7.0 | 7.0 | 6.3 | 6.3  |
| BUENA VISTA                        | 6.3               | 6.7             | 85.0            | 96.3          | 5.7 | 6.3 | 6.0             | 6.3 | 6.3 | 6.7 | 6.3 | 6.2  |
| LCK                                | 6.0               | 6.3             | 88.3            | 96.3          | 6.0 | 4.7 | 6.3             | 5.7 | 6.3 | 7.3 | 7.3 | 6.2  |
| ASP6006 (LPFG)                     | 5.3               | 5.7             | 85.0            | 91.7          | 4.7 | 6.3 | 7.0             | 6.7 | 6.7 | 6.0 | 6.3 | 6.2  |
| MMW                                | 5.7               | 7.0             | 85.0            | 95.7          | 5.7 | 5.7 | 6.0             | 5.7 | 7.0 | 7.0 | 6.3 | 6.2  |
| PICK 02-R                          | 5.7               | 7.7             | 78.3            | 92.3          | 5.3 | 6.7 | 6.0             | 6.0 | 6.3 | 6.3 | 6.7 | 6.2  |
| SECRETARIAT II GLSR (LTP-101-GLSR) | 6.0               | 6.0             | 81.7            | 96.0          | 6.0 | 5.7 | 7.0             | 6.0 | 6.3 | 6.7 | 6.0 | 6.2  |
| APR 1663                           | 6.3               | 5.7             | 88.3            | 95.7          | 6.0 | 5.3 | 6.7             | 6.3 | 6.3 | 6.7 | 5.7 | 6.1  |
| KOKOMO II (IS-PR 235)              | 6.0               | 6.0             | 78.3            | 88.3          | 5.7 | 5.3 | 6.0             | 5.3 | 7.0 | 7.0 | 6.7 | 6.1  |
| IS-PR 236                          | 5.7               | 7.0             | 78.3            | 95.0          | 4.7 | 5.7 | 6.0             | 6.3 | 6.7 | 7.0 | 6.3 | 6.1  |
| QUICKSILVER                        | 5.3               | 6.3             | 85.0            | 90.0          | 5.3 | 6.3 | 6.3             | 6.0 | 6.3 | 6.3 | 6.3 | 6.1  |
| FUSION                             | 5.0               | 6.0             | 81.7            | 92.7          | 4.7 | 5.3 | 6.7             | 6.0 | 6.3 | 6.7 | 6.0 | 6.0  |
| CABO II (IS-PR 233)                | 6.3               | 7.0             | 85.0            | 96.3          | 5.3 | 6.0 | 5.3             | 6.0 | 6.3 | 6.7 | 6.0 | 6.0  |
| REGAL 5 (IS-PR 271)                | 6.3               | 6.0             | 85.0            | 90.7          | 5.3 | 5.3 | 6.0             | 5.7 | 6.7 | 6.7 | 6.7 | 6.0  |
| PALACE (IS-PR 273)                 | 5.7               | 7.0             | 78.3            | 88.0          | 4.0 | 6.0 | 5.7             | 5.7 | 6.3 | 7.0 | 7.0 | 6.0  |
| REVENGE GLX (JR-348)               | 5.7               | 5.3             | 91.7            | 88.3          | 5.7 | 6.7 | 6.7             | 5.7 | 5.3 | 5.7 | 6.3 | 6.0  |
| FIESTA 4 (PICK F4)                 | 5.0               | 6.0             | 81.7            | 92.3          | 4.7 | 5.3 | 6.3             | 6.3 | 6.3 | 6.7 | 6.7 | 6.0  |
| PM 101                             | 5.7               | 6.3             | 90.0            | 93.3          | 4.7 | 5.3 | 6.3             | 6.0 | 6.3 | 7.3 | 6.3 | 6.0  |
| PROTEGE GLR                        | 5.7               | 7.0             | 73.3            | 93.3          | 5.3 | 4.7 | 6.0             | 6.0 | 6.3 | 6.7 | 7.0 | 6.0  |
| RG3P                               | 6.7               | 6.7             | 88.3            | 94.0          | 6.0 | 6.0 | 6.7             | 6.0 | 6.0 | 5.7 | 5.7 | 6.0  |
| ASP6003 (TRS)                      | 5.3               | 5.3             | 86.7            | 81.7          | 4.7 | 5.7 | 6.7             | 6.0 | 6.7 | 5.7 | 6.7 | 6.0  |
| BAR LP 4920                        | 5.7               | 6.3             | 81.7            | 91.7          | 5.3 | 5.3 | 6.7             | 6.3 | 6.0 | 5.7 | 5.7 | 5.9  |
| CHARISMATIC II GLSR (LTP-PG-GLSR)  | 6.3               | 5.7             | 85.0            | 95.7          | 5.3 | 5.3 | 6.0             | 6.0 | 6.7 | 5.7 | 6.3 | 5.9  |
| PRESIDIO (CNV)                     | 5.3               | 5.3             | 88.3            | 88.3          | 6.0 | 5.7 | 5.7             | 6.3 | 5.7 | 5.7 | 6.0 | 5.9  |
| D04-UP                             | 6.0               | 6.3             | 81.7            | 90.0          | 4.7 | 4.7 | 6.7             | 6.0 | 6.3 | 7.0 | 6.0 | 5.9  |
| GALATTI (DP 17-9502)               | 5.3               | 5.7             | 81.7            | 91.7          | 4.7 | 6.3 | 6.3             | 6.0 | 6.0 | 5.7 | 6.0 | 5.9  |
| DP 17-9788                         | 6.0               | 4.7             | 85.0            | 95.0          | 6.0 | 5.3 | 6.0             | 6.7 | 5.7 | 5.3 | 6.0 | 5.9  |
| PST-217                            | 5.7               | 6.3             | 78.3            | 94.0          | 6.0 | 5.7 | 6.7             | 5.0 | 5.3 | 6.0 | 6.3 | 5.9  |

TABLE 9.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT EAST LANSING, MI 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                      | DENSITY<br>SUMMER | DENSITY<br>FALL | PERCENT         |               | QUALITY RATINGS |     |     |     |     |     |     | MEAN |
|---------------------------|-------------------|-----------------|-----------------|---------------|-----------------|-----|-----|-----|-----|-----|-----|------|
|                           |                   |                 | COVER<br>SUMMER | COVER<br>FALL | APR             | JUN | JUL | AUG | SEP | OCT | NOV |      |
| PWDR                      | 5.3               | 5.7             | 90.0            | 95.7          | 4.7             | 5.7 | 6.3 | 6.3 | 6.7 | 5.3 | 6.3 | 5.9  |
| HARRIER (SRX 4UP3)        | 5.0               | 7.0             | 83.3            | 81.7          | 5.0             | 5.7 | 5.3 | 5.7 | 5.7 | 7.7 | 6.3 | 5.9  |
| 04-BEN                    | 5.3               | 5.7             | 60.0            | 90.0          | 5.3             | 6.3 | 5.7 | 6.0 | 5.7 | 5.3 | 6.0 | 5.8  |
| AC2                       | 5.3               | 7.0             | 88.3            | 93.3          | 4.0             | 6.0 | 6.3 | 6.3 | 6.3 | 5.7 | 6.0 | 5.8  |
| ASP6002 (BPR)             | 5.0               | 5.3             | 85.0            | 73.3          | 4.7             | 6.3 | 6.3 | 5.7 | 6.0 | 6.3 | 5.0 | 5.8  |
| BRIGHTSTAR SLT            | 6.7               | 5.3             | 70.0            | 87.3          | 5.3             | 7.0 | 6.7 | 6.0 | 4.7 | 5.3 | 5.3 | 5.8  |
| OVERDRIVE                 | 5.7               | 4.7             | 88.3            | 95.0          | 4.7             | 6.0 | 6.0 | 6.3 | 5.3 | 5.7 | 6.3 | 5.8  |
| PST-2GSM                  | 5.7               | 6.7             | 76.7            | 92.3          | 5.3             | 6.7 | 6.3 | 5.0 | 5.3 | 6.0 | 5.7 | 5.8  |
| PST-2LAN                  | 6.0               | 5.7             | 78.3            | 91.7          | 5.3             | 5.7 | 6.7 | 5.3 | 5.7 | 6.0 | 5.7 | 5.8  |
| \$ILVER DOLLAR            | 5.0               | 6.0             | 66.7            | 94.0          | 4.7             | 6.7 | 6.7 | 5.7 | 5.3 | 6.0 | 4.7 | 5.7  |
| ASP6005 (AJM)             | 4.7               | 5.3             | 73.3            | 90.0          | 6.0             | 4.7 | 5.3 | 6.0 | 5.7 | 6.0 | 6.3 | 5.7  |
| D04-1667                  | 5.7               | 6.3             | 80.0            | 92.3          | 6.0             | 5.3 | 6.7 | 5.7 | 5.7 | 5.3 | 5.3 | 5.7  |
| D04-LP05                  | 6.0               | 6.7             | 81.7            | 80.0          | 5.3             | 6.3 | 6.0 | 5.3 | 6.0 | 6.0 | 4.7 | 5.7  |
| GPR                       | 5.0               | 6.3             | 73.3            | 93.0          | 5.3             | 5.7 | 4.7 | 6.3 | 5.7 | 6.0 | 6.3 | 5.7  |
| ACCENT II (JR-119)        | 6.0               | 4.0             | 76.7            | 91.7          | 5.3             | 7.0 | 6.7 | 5.7 | 4.7 | 5.3 | 5.3 | 5.7  |
| TOP GUN II (JR-324)       | 6.0               | 5.7             | 78.3            | 80.0          | 5.3             | 6.7 | 6.3 | 6.0 | 4.7 | 5.7 | 5.0 | 5.7  |
| MONTEREY 3 (JR-408)       | 5.7               | 4.7             | 86.7            | 75.0          | 5.7             | 6.3 | 6.7 | 6.7 | 5.3 | 4.7 | 4.7 | 5.7  |
| RNS                       | 5.3               | 6.3             | 71.7            | 93.3          | 3.7             | 5.3 | 5.7 | 6.0 | 5.7 | 7.0 | 6.7 | 5.7  |
| TR47                      | 5.3               | 5.3             | 85.0            | 85.0          | 5.3             | 5.3 | 5.7 | 5.7 | 6.0 | 6.0 | 6.0 | 5.7  |
| VB99                      | 6.3               | 5.3             | 85.0            | 91.7          | 4.7             | 6.0 | 6.3 | 6.0 | 6.0 | 6.0 | 5.0 | 5.7  |
| APR 1648                  | 4.3               | 6.3             | 66.7            | 86.7          | 5.3             | 4.7 | 5.3 | 5.3 | 5.3 | 6.7 | 6.7 | 5.6  |
| BAR LP 4420               | 6.0               | 5.3             | 78.3            | 90.0          | 3.7             | 5.3 | 6.3 | 6.0 | 6.0 | 6.0 | 5.7 | 5.6  |
| ASP6004 (EXS54)           | 5.3               | 6.0             | 78.3            | 96.0          | 5.3             | 5.7 | 5.7 | 5.7 | 5.3 | 6.0 | 5.7 | 5.6  |
| DELAWARE XL (PICK 01-2)   | 5.7               | 6.0             | 76.7            | 91.7          | 5.7             | 5.3 | 6.3 | 5.3 | 6.0 | 4.7 | 5.7 | 5.6  |
| PM 102                    | 4.0               | 6.0             | 80.0            | 68.3          | 4.0             | 5.3 | 6.3 | 5.7 | 5.7 | 6.7 | 5.3 | 5.6  |
| MANHATTAN 5 GLR (PST-2AM) | 6.0               | 4.7             | 91.7            | 95.7          | 4.7             | 5.7 | 5.3 | 6.3 | 5.7 | 6.0 | 5.3 | 5.6  |
| E-99                      | 6.0               | 4.7             | 71.7            | 78.3          | 5.3             | 5.0 | 6.3 | 5.7 | 6.0 | 5.3 | 4.7 | 5.5  |
| GRAY STAR (PST-2LGL)      | 6.3               | 5.3             | 81.7            | 90.7          | 4.0             | 6.3 | 6.7 | 6.0 | 6.0 | 4.7 | 4.7 | 5.5  |
| INSPIRE                   | 6.0               | 4.7             | 73.3            | 90.7          | 5.3             | 6.3 | 6.7 | 5.0 | 5.0 | 5.0 | 5.3 | 5.5  |
| PRG HS-01-09              | 5.3               | 5.3             | 83.3            | 90.7          | 4.3             | 6.7 | 6.3 | 5.3 | 4.7 | 6.0 | 5.3 | 5.5  |
| REPELL GLS                | 5.0               | 4.7             | 88.3            | 92.7          | 6.3             | 4.7 | 5.7 | 5.3 | 5.0 | 5.7 | 5.7 | 5.5  |
| LINE DRIVE GLS (APR 1797) | 5.7               | 5.0             | 90.0            | 93.3          | 5.3             | 4.7 | 6.7 | 6.0 | 4.0 | 6.0 | 5.3 | 5.4  |
| DP 17-9499                | 4.0               | 5.3             | 81.7            | 80.0          | 5.3             | 5.7 | 5.7 | 5.0 | 5.3 | 5.7 | 5.3 | 5.4  |
| GL-2                      | 5.7               | 6.7             | 71.7            | 80.0          | 4.3             | 5.3 | 5.3 | 5.7 | 5.7 | 5.7 | 6.0 | 5.4  |
| HEADSTART 2               | 5.0               | 6.0             | 83.3            | 83.3          | 4.7             | 6.0 | 5.3 | 5.7 | 5.3 | 5.7 | 5.3 | 5.4  |
| GOALKEEPER II (JR-114)    | 6.3               | 5.3             | 83.3            | 75.0          | 5.3             | 6.3 | 6.7 | 6.3 | 4.7 | 4.7 | 4.0 | 5.4  |
| L44                       | 5.3               | 4.0             | 76.7            | 78.3          | 4.7             | 6.0 | 6.3 | 5.3 | 5.3 | 5.3 | 4.7 | 5.4  |
| SP4                       | 4.7               | 5.3             | 75.0            | 83.3          | 4.7             | 5.0 | 6.3 | 5.7 | 6.0 | 5.3 | 5.0 | 5.4  |
| CITATION FORE             | 5.3               | 4.7             | 80.0            | 86.7          | 6.3             | 5.3 | 5.7 | 5.0 | 4.0 | 5.3 | 5.3 | 5.3  |
| PS-2                      | 6.7               | 6.0             | 83.3            | 78.3          | 4.0             | 5.7 | 6.3 | 5.7 | 5.3 | 4.7 | 5.3 | 5.3  |
| RAD-PR8                   | 5.7               | 5.3             | 65.0            | 80.0          | 5.3             | 4.7 | 5.7 | 5.7 | 5.3 | 4.7 | 5.7 | 5.3  |
| SUNSHINE 2                | 5.3               | 6.0             | 80.0            | 95.0          | 4.3             | 5.3 | 6.0 | 5.7 | 6.0 | 4.7 | 5.3 | 5.3  |
| MS2                       | 4.7               | 5.3             | 73.3            | 90.0          | 4.0             | 5.3 | 5.7 | 5.3 | 5.3 | 5.3 | 5.3 | 5.2  |
| PALMER IV                 | 4.7               | 5.3             | 70.0            | 86.7          | 3.7             | 4.7 | 5.7 | 4.7 | 6.0 | 6.0 | 6.0 | 5.2  |
| SNR                       | 5.3               | 5.7             | 80.0            | 93.3          | 5.3             | 4.7 | 5.7 | 4.7 | 5.3 | 6.0 | 4.7 | 5.2  |
| PHENOM (APR 1660)         | 5.0               | 5.7             | 80.0            | 94.0          | 4.7             | 4.7 | 5.0 | 5.7 | 4.7 | 4.7 | 6.3 | 5.1  |
| CADDIESHACK II (JR-163)   | 6.3               | 3.7             | 83.3            | 71.7          | 5.0             | 6.3 | 6.0 | 5.7 | 4.7 | 4.7 | 3.7 | 5.1  |

TABLE 9.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT EAST LANSING, MI 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                 | DENSITY |      | PERCENT COVER |      | QUALITY RATINGS |      |      |      |      |      |      | MEAN |
|----------------------|---------|------|---------------|------|-----------------|------|------|------|------|------|------|------|
|                      | SUMMER  | FALL | SUMMER        | FALL | APR             | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  |      |
| PENTIUM              | 5.7     | 4.0  | 71.7          | 78.3 | 5.3             | 6.0  | 5.7  | 5.3  | 4.0  | 4.0  | 5.3  | 5.1  |
| PST-2MNG             | 6.0     | 5.0  | 88.3          | 82.3 | 5.3             | 5.3  | 5.0  | 6.3  | 4.7  | 4.7  | 4.7  | 5.1  |
| O4-BRE               | 4.7     | 5.3  | 65.0          | 71.7 | 4.3             | 6.3  | 5.3  | 4.7  | 4.7  | 4.7  | 5.3  | 5.0  |
| APR 1670             | 4.7     | 4.7  | 73.3          | 68.3 | 4.3             | 4.7  | 6.3  | 5.0  | 4.7  | 4.7  | 5.3  | 5.0  |
| BAR LP 4317          | 5.0     | 4.7  | 76.7          | 73.3 | 6.0             | 4.7  | 5.3  | 5.3  | 4.7  | 4.7  | 4.3  | 5.0  |
| BARLENNIUM           | 4.7     | 4.3  | 73.3          | 91.7 | 6.0             | 4.7  | 5.3  | 5.7  | 5.0  | 4.7  | 4.0  | 5.0  |
| HALO (KN42)          | 4.0     | 4.7  | 56.7          | 85.0 | 4.0             | 5.0  | 5.7  | 5.7  | 5.7  | 4.0  | 4.7  | 5.0  |
| PST-2BLK             | 5.3     | 5.7  | 80.0          | 80.7 | 4.3             | 6.3  | 5.3  | 4.7  | 4.0  | 5.0  | 5.0  | 5.0  |
| ASP6001 (RTS)        | 5.0     | 4.0  | 78.3          | 88.3 | 4.3             | 5.0  | 6.0  | 5.7  | 4.7  | 5.3  | 4.0  | 5.0  |
| ES45                 | 4.3     | 4.7  | 70.0          | 80.0 | 4.3             | 5.7  | 4.7  | 4.7  | 4.7  | 5.7  | 4.7  | 4.9  |
| PIANIST (DP 17-9505) | 4.3     | 4.7  | 78.3          | 86.7 | 4.7             | 4.7  | 5.3  | 5.3  | 4.7  | 4.7  | 4.0  | 4.8  |
| PANTHER GLS          | 5.0     | 4.7  | 81.7          | 92.3 | 4.3             | 4.0  | 5.3  | 5.0  | 5.0  | 4.7  | 5.3  | 4.8  |
| PINNACLE II          | 4.0     | 3.7  | 58.3          | 90.0 | 4.7             | 4.7  | 6.0  | 4.3  | 4.7  | 5.0  | 4.0  | 4.8  |
| PREMIER II           | 5.0     | 4.3  | 86.7          | 76.7 | 5.3             | 4.7  | 6.0  | 5.3  | 4.0  | 4.0  | 4.0  | 4.8  |
| PANTHER              | 6.0     | 3.7  | 68.3          | 69.3 | 4.7             | 5.0  | 5.7  | 5.0  | 4.0  | 4.0  | 4.3  | 4.7  |
| PINNACLE             | 5.7     | 3.3  | 81.7          | 50.0 | 4.7             | 5.3  | 4.7  | 4.7  | 4.0  | 4.0  | 4.7  | 4.6  |
| AFFINITY             | 5.7     | 3.7  | 76.7          | 65.7 | 5.7             | 6.0  | 4.3  | 4.7  | 3.3  | 3.7  | 4.0  | 4.5  |
| PALMER III           | 5.0     | 4.7  | 71.7          | 85.0 | 4.3             | 4.0  | 6.3  | 4.3  | 4.7  | 4.0  | 4.0  | 4.5  |
| PREMIER              | 5.7     | 3.7  | 61.7          | 55.0 | 4.7             | 4.7  | 5.7  | 4.7  | 4.0  | 3.7  | 4.3  | 4.5  |
| LA QUINTA (JR-255)   | 4.3     | 4.3  | 81.7          | 91.7 | 3.7             | 4.7  | 5.3  | 4.7  | 4.7  | 4.0  | 4.0  | 4.4  |
| PST-2AG4             | 3.3     | 4.7  | 76.7          | 85.0 | 3.3             | 4.0  | 4.3  | 4.0  | 5.3  | 4.0  | 4.7  | 4.2  |
| SRX 4682             | 4.7     | 3.3  | 76.7          | 65.0 | 5.3             | 4.0  | 4.7  | 3.7  | 3.3  | 3.7  | 4.0  | 4.1  |
| SRX 4692             | 4.0     | 4.0  | 48.3          | 68.3 | 3.7             | 4.0  | 4.0  | 4.3  | 3.3  | 4.0  | 4.0  | 3.9  |
| LPR 02203            | 3.7     | 3.3  | 70.0          | 71.7 | 3.7             | 4.7  | 3.7  | 4.0  | 4.0  | 3.3  | 3.3  | 3.8  |
| LINN                 | 5.7     | 3.0  | 81.7          | 26.7 | 6.0             | 2.7  | 2.0  | 2.3  | 2.0  | 3.3  | 2.3  | 3.0  |
| LSD VALUE            | 3.1     | 1.8  | 85.4          | 23.9 | 3.0             | 2.3  | 1.8  | 1.8  | 1.6  | 1.8  | 1.8  | 1.0  |
| C.V. (%)             | 19.3    | 18.5 | 19.2          | 14.4 | 20.8            | 18.8 | 15.4 | 16.0 | 16.8 | 17.9 | 18.0 | 10.8 |

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 10. TURFGRASS WEAR TOLERANCE AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 2004 NATIONAL PERENNIAL RYEGRASS TEST AT EAST LANSING (TRAFFIC STUDY), MI 1/  
 2005 DATA  
 TURFGRASS WEAR TOLERANCE AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                              | SPRING<br>GREENUP | WEAR<br>TOLERANCE | PERCENT<br>COVER<br>SPRING | PERCENT<br>COVER<br>FALL |
|-----------------------------------|-------------------|-------------------|----------------------------|--------------------------|
| PST-217                           | 6.0               | 6.0               | 96.3                       | 75.0                     |
| TR47                              | 7.0               | 6.3               | 94.0                       | 73.3                     |
| GRAY STAR (PST-2LGL)              | 6.0               | 5.7               | 96.7                       | 71.7                     |
| ACCENT II (JR-119)                | 6.0               | 6.3               | 96.0                       | 71.7                     |
| ARR 1664                          | 6.0               | 5.3               | 96.7                       | 70.0                     |
| DERBY XTREME (IS-PR 268)          | 6.0               | 5.0               | 97.3                       | 70.0                     |
| TOP GUN II (JR-324)               | 6.7               | 6.0               | 94.7                       | 70.0                     |
| PALMER III                        | 5.3               | 5.3               | 94.7                       | 70.0                     |
| OVERDRIVE                         | 6.0               | 5.7               | 95.0                       | 68.3                     |
| PALMER IV                         | 6.3               | 5.3               | 95.3                       | 68.3                     |
| PICK RB-1                         | 6.3               | 5.0               | 94.0                       | 68.3                     |
| VB77                              | 7.0               | 5.3               | 96.7                       | 68.3                     |
| ASP6002 (BPR)                     | 7.0               | 5.7               | 94.3                       | 66.7                     |
| EXACTA II GLSR (LTP-611-GLSR)     | 6.3               | 6.0               | 97.7                       | 66.7                     |
| GOALKEEPER II (JR-114)            | 6.0               | 5.0               | 96.7                       | 66.7                     |
| RG3P                              | 6.0               | 5.0               | 97.7                       | 66.7                     |
| BAR LP 4920                       | 6.0               | 5.7               | 97.3                       | 65.0                     |
| D04-UP                            | 6.0               | 5.3               | 95.7                       | 65.0                     |
| DP 17-9499                        | 6.3               | 5.3               | 96.7                       | 65.0                     |
| DP 17-9788                        | 6.3               | 4.7               | 96.7                       | 65.0                     |
| L44                               | 6.7               | 4.3               | 95.0                       | 65.0                     |
| PIZZAZZ                           | 6.0               | 5.3               | 96.3                       | 65.0                     |
| PREMIER II                        | 6.0               | 5.0               | 97.3                       | 65.0                     |
| RAD-PR8                           | 6.0               | 5.3               | 97.7                       | 65.0                     |
| AF                                | 6.0               | 5.7               | 96.3                       | 63.3                     |
| BAR LP 4420                       | 6.0               | 5.7               | 94.0                       | 63.3                     |
| GL-2                              | 6.0               | 5.7               | 95.0                       | 63.3                     |
| IS-PR 236                         | 6.3               | 5.0               | 96.7                       | 63.3                     |
| REVENGE GLX (JR-348)              | 6.0               | 5.7               | 96.7                       | 63.3                     |
| ASP6006 (LPFG)                    | 7.0               | 5.0               | 96.7                       | 63.3                     |
| FIESTA 4 (PICK F4)                | 6.3               | 5.7               | 97.0                       | 63.3                     |
| PM 102                            | 6.7               | 5.3               | 96.0                       | 63.3                     |
| PST-2BLK                          | 6.0               | 5.0               | 94.0                       | 63.3                     |
| AAZ-B104                          | 6.0               | 5.0               | 97.7                       | 61.7                     |
| APR 1648                          | 6.3               | 4.3               | 96.0                       | 61.7                     |
| APR 1670                          | 5.3               | 6.7               | 95.7                       | 61.7                     |
| LINE DRIVE GLS (APR 1797)         | 6.0               | 6.0               | 96.3                       | 61.7                     |
| CHARISMATIC II GLSR (LTP-PG-GLSR) | 6.0               | 5.0               | 95.0                       | 61.7                     |
| ASP6004 (EXS54)                   | 7.0               | 6.0               | 96.7                       | 61.7                     |
| PS-2                              | 6.0               | 6.0               | 96.7                       | 61.7                     |
| PST-2LAN                          | 6.0               | 6.3               | 96.0                       | 61.7                     |
| PWDR                              | 6.7               | 4.0               | 93.3                       | 61.7                     |
| ASP6003 (TRS)                     | 6.7               | 5.3               | 97.0                       | 61.7                     |
| AC2                               | 6.0               | 5.3               | 97.3                       | 60.0                     |
| PHENOM (APR 1660)                 | 6.0               | 5.3               | 95.7                       | 60.0                     |
| CITATION FORE                     | 6.0               | 5.0               | 97.7                       | 60.0                     |
| PIANIST (DP 17-9505)              | 6.3               | 4.0               | 95.0                       | 60.0                     |

TABLE 10. TURFGRASS WEAR TOLERANCE AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT EAST LANSING (TRAFFIC STUDY), MI 1/  
 2005 DATA  
 TURFGRASS WEAR TOLERANCE AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                      | SPRING<br>GREENUP | WEAR<br>TOLERANCE | PERCENT<br>COVER<br>SPRING | PERCENT<br>COVER<br>FALL |
|---------------------------|-------------------|-------------------|----------------------------|--------------------------|
| PRIMARY (IS-PR 269)       | 6.0               | 5.0               | 96.3                       | 60.0                     |
| LCK                       | 6.3               | 6.0               | 97.3                       | 60.0                     |
| PENTIUM                   | 6.0               | 4.3               | 96.7                       | 60.0                     |
| SILVER DOLLAR             | 6.3               | 6.0               | 96.3                       | 58.3                     |
| ASP6005 (AJM)             | 6.7               | 6.3               | 95.0                       | 58.3                     |
| APR 1663                  | 6.0               | 4.7               | 95.7                       | 58.3                     |
| BARLENNIUM                | 6.0               | 5.0               | 96.7                       | 58.3                     |
| D04-1667                  | 6.0               | 4.3               | 95.0                       | 58.3                     |
| PINNACLE                  | 4.0               | 5.0               | 93.3                       | 58.3                     |
| QUICKSILVER               | 6.3               | 4.7               | 93.3                       | 58.3                     |
| SP4                       | 7.0               | 4.0               | 93.3                       | 58.3                     |
| HARRIER (SRX 4UP3)        | 6.0               | 4.3               | 95.7                       | 58.3                     |
| O4-BRE                    | 6.0               | 4.0               | 94.0                       | 56.7                     |
| ES45                      | 7.0               | 5.0               | 91.7                       | 56.7                     |
| FUSION                    | 6.0               | 4.7               | 95.0                       | 56.7                     |
| MONTEREY 3 (JR-408)       | 6.3               | 6.0               | 97.7                       | 56.7                     |
| MMW                       | 6.3               | 6.0               | 96.3                       | 56.7                     |
| PANTHER GLS               | 6.0               | 4.7               | 97.3                       | 56.7                     |
| DELAWARE XL (PICK 01-2)   | 6.7               | 5.0               | 95.0                       | 56.7                     |
| PICK 02-R                 | 7.0               | 4.7               | 96.7                       | 56.7                     |
| PM 101                    | 6.3               | 4.7               | 97.7                       | 56.7                     |
| PST-2AG4                  | 6.0               | 5.0               | 95.7                       | 56.7                     |
| SRX 4682                  | 6.0               | 5.3               | 95.0                       | 56.7                     |
| MACH I                    | 6.0               | 4.7               | 96.7                       | 55.0                     |
| MS2                       | 6.7               | 5.0               | 96.7                       | 55.0                     |
| MANHATTAN 5 GLR (PST-2AM) | 6.0               | 5.0               | 95.3                       | 55.0                     |
| REGAL 5 (IS-PR 271)       | 6.7               | 4.7               | 96.3                       | 53.3                     |
| PINNACLE II               | 6.0               | 4.0               | 96.3                       | 53.3                     |
| PST-2GSM                  | 6.0               | 5.3               | 96.3                       | 53.3                     |
| BAR LP 4317               | 6.3               | 5.3               | 95.0                       | 51.7                     |
| CABO II (IS-PR 233)       | 6.7               | 4.3               | 94.7                       | 51.7                     |
| AMAZING GS (IS-PR 276)    | 6.0               | 4.3               | 96.7                       | 51.7                     |
| ALL*STAR 3 (IS-PR 274)    | 6.7               | 4.7               | 98.0                       | 51.7                     |
| PARAGON GLR               | 6.0               | 5.0               | 97.3                       | 51.7                     |
| PRG HS-01-09              | 7.0               | 4.0               | 97.3                       | 51.7                     |
| PST-2MNG                  | 6.0               | 4.3               | 95.0                       | 51.7                     |
| DCM                       | 6.0               | 4.3               | 97.0                       | 50.0                     |
| E-99                      | 6.0               | 4.3               | 93.3                       | 50.0                     |
| PALACE (IS-PR 273)        | 6.0               | 5.7               | 97.0                       | 50.0                     |
| SNR                       | 6.7               | 4.7               | 96.7                       | 50.0                     |
| O4-BEN                    | 6.3               | 4.0               | 95.3                       | 49.3                     |
| AFFINITY                  | 5.3               | 4.7               | 95.0                       | 48.3                     |
| LA QUINTA (JR-255)        | 6.3               | 4.7               | 94.0                       | 48.3                     |
| PANTHER                   | 5.3               | 5.3               | 95.7                       | 48.3                     |
| PM 103                    | 6.7               | 5.0               | 96.7                       | 48.3                     |
| PREMIER                   | 4.0               | 4.7               | 95.7                       | 48.3                     |
| RNS                       | 6.0               | 5.0               | 96.0                       | 48.3                     |

TABLE 10. TURFGRASS WEAR TOLERANCE AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT EAST LANSING (TRAFFIC STUDY), MI 1/  
 2005 DATA  
 TURFGRASS WEAR TOLERANCE AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                               | SPRING<br>GREENUP | WEAR<br>TOLERANCE | PERCENT<br>COVER<br>SPRING | PERCENT<br>COVER<br>FALL |
|------------------------------------|-------------------|-------------------|----------------------------|--------------------------|
| VB99                               | 6.3               | 5.3               | 96.3                       | 48.3                     |
| BRIGHTSTAR SLT                     | 6.0               | 4.0               | 96.7                       | 47.0                     |
| DP1                                | 6.0               | 4.0               | 96.7                       | 47.0                     |
| SECRETARIAT II GLSR (LTP-101-GLSR) | 6.0               | 3.3               | 96.3                       | 47.0                     |
| GALATTI (DP 17-9502)               | 6.3               | 4.3               | 94.3                       | 46.7                     |
| SRX 4692                           | 6.0               | 3.0               | 96.3                       | 46.7                     |
| SR 4600 (SRX 4SP)                  | 6.0               | 4.3               | 96.3                       | 46.7                     |
| BUENA VISTA                        | 6.0               | 4.7               | 94.3                       | 45.0                     |
| PRESIDIO (CNV)                     | 6.7               | 4.7               | 94.0                       | 45.0                     |
| HALO (KN42)                        | 7.0               | 5.0               | 96.0                       | 45.0                     |
| CADDIESHACK II (JR-163)            | 6.3               | 5.3               | 96.0                       | 45.0                     |
| HEADSTART 2                        | 6.7               | 4.0               | 94.3                       | 44.3                     |
| D04-LP05                           | 6.3               | 4.7               | 96.7                       | 43.3                     |
| GPR                                | 6.7               | 4.0               | 95.7                       | 42.0                     |
| INSPIRE                            | 6.0               | 4.0               | 96.7                       | 40.3                     |
| KOKOMO II (IS-PR 235)              | 6.0               | 4.3               | 94.7                       | 40.3                     |
| SUNSHINE 2                         | 7.0               | 4.3               | 95.7                       | 40.0                     |
| D04-11T                            | 6.7               | 3.0               | 94.0                       | 38.7                     |
| ASP6001 (RTS)                      | 7.0               | 4.7               | 94.3                       | 38.3                     |
| ATTRIBUTE (IS-PR 270)              | 6.7               | 4.3               | 96.3                       | 35.0                     |
| LPR 02203                          | 6.0               | 4.3               | 94.0                       | 33.7                     |
| KEYSTONE 2 (IS-PR 312)             | 6.0               | 4.3               | 98.0                       | 31.0                     |
| LINN                               | 4.0               | 3.0               | 90.0                       | 26.7                     |
| PROTEGE GLR                        | 6.3               | 4.0               | 94.0                       | 25.3                     |
| REPELL GLS                         | 6.0               | 4.3               | 93.3                       | 25.0                     |
| LSD VALUE                          | 0.6               | 3.7               | 10.1                       | 63.5                     |
| C.V. (%)                           | 6.5               | 23.1              | 2.5                        | 30.2                     |

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 11.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT ST. PAUL, MN 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                               | GENETIC<br>COLOR | SEEDLING<br>VIGOR | DENSITY<br>FALL | WINTER<br>DAMAGE | CROWN<br>RUST |         | MAY | QUALITY RATINGS |     |     |     | MEAN |
|------------------------------------|------------------|-------------------|-----------------|------------------|---------------|---------|-----|-----------------|-----|-----|-----|------|
|                                    |                  |                   |                 |                  | JULY 12       | JULY 25 |     | JUN             | JUL | AUG | SEP |      |
| RNS                                | 5.7              | 7.0               | 6.3             | 5.0              | 8.0           | 6.7     | 6.3 | 5.7             | 7.7 | 6.3 | 6.0 | 6.4  |
| APR 1648                           | 6.7              | 6.3               | 5.7             | 5.7              | 7.7           | 6.3     | 6.3 | 7.0             | 7.3 | 5.0 | 6.0 | 6.3  |
| EXACTA II GLSR (LTP-611-GLSR)      | 6.7              | 5.7               | 5.7             | 4.3              | 7.3           | 7.3     | 5.3 | 5.0             | 7.7 | 6.3 | 7.0 | 6.3  |
| PRESIDIO (CNV)                     | 7.0              | 6.0               | 5.0             | 5.7              | 6.0           | 4.0     | 7.0 | 6.3             | 5.0 | 5.7 | 6.3 | 6.1  |
| ALL*STAR 3 (IS-PR 274)             | 6.3              | 7.0               | 5.7             | 4.3              | 7.0           | 7.0     | 5.3 | 6.0             | 6.7 | 5.7 | 6.3 | 6.0  |
| MMW                                | 6.7              | 6.3               | 6.3             | 4.0              | 7.0           | 6.3     | 5.0 | 5.3             | 7.0 | 6.3 | 6.3 | 6.0  |
| PICK RB-1                          | 5.7              | 7.3               | 5.7             | 5.0              | 7.3           | 7.0     | 5.3 | 5.3             | 6.7 | 6.0 | 6.7 | 6.0  |
| ARR 1664                           | 5.7              | 5.3               | 6.0             | 6.0              | 6.7           | 6.0     | 6.7 | 5.3             | 6.3 | 5.3 | 6.0 | 5.9  |
| DP1                                | 6.3              | 7.0               | 5.0             | 5.3              | 7.3           | 5.7     | 5.7 | 5.3             | 6.7 | 5.3 | 6.3 | 5.9  |
| PIZZAZZ                            | 6.0              | 6.0               | 5.3             | 5.0              | 6.7           | 4.3     | 6.3 | 6.3             | 5.7 | 5.3 | 6.0 | 5.9  |
| RG3P                               | 6.0              | 5.7               | 6.0             | 5.0              | 6.0           | 4.7     | 6.3 | 5.0             | 6.3 | 6.0 | 6.0 | 5.9  |
| SUNSHINE 2                         | 7.0              | 6.3               | 6.0             | 5.3              | 5.0           | 4.0     | 6.0 | 6.3             | 5.0 | 5.7 | 6.7 | 5.9  |
| ES45                               | 7.7              | 4.3               | 5.3             | 5.3              | 5.7           | 4.0     | 6.0 | 6.3             | 5.0 | 5.3 | 6.3 | 5.8  |
| REGAL 5 (IS-PR 271)                | 8.0              | 5.3               | 5.3             | 4.3              | 6.3           | 5.7     | 5.3 | 5.7             | 6.0 | 6.0 | 6.0 | 5.8  |
| KEYSTONE 2 (IS-PR 312)             | 4.3              | 6.3               | 5.0             | 4.3              | 7.3           | 6.0     | 6.0 | 5.0             | 7.0 | 5.7 | 5.3 | 5.8  |
| SNR                                | 7.7              | 6.0               | 4.7             | 5.0              | 5.0           | 4.0     | 5.7 | 6.7             | 4.7 | 6.0 | 6.0 | 5.8  |
| DCM                                | 4.7              | 6.0               | 5.3             | 5.0              | 6.3           | 4.7     | 6.3 | 5.7             | 5.7 | 4.7 | 6.0 | 5.7  |
| MS2                                | 6.7              | 5.7               | 5.0             | 5.0              | 5.3           | 4.7     | 5.3 | 6.3             | 5.0 | 6.3 | 5.7 | 5.7  |
| PANTHER GLS                        | 4.7              | 6.0               | 5.3             | 5.7              | 7.0           | 5.7     | 5.3 | 5.7             | 6.3 | 5.7 | 5.3 | 5.7  |
| GL-2                               | 5.3              | 6.7               | 5.3             | 5.0              | 7.3           | 6.0     | 5.3 | 5.3             | 5.7 | 6.0 | 5.7 | 5.6  |
| CABO II (IS-PR 233)                | 8.0              | 5.7               | 5.0             | 4.3              | 7.0           | 5.0     | 5.0 | 6.0             | 5.7 | 5.3 | 6.0 | 5.6  |
| DERBY XTREME (IS-PR 268)           | 6.0              | 5.7               | 4.7             | 3.7              | 7.3           | 5.7     | 4.3 | 5.3             | 6.3 | 5.7 | 6.3 | 5.6  |
| AMAZING GS (IS-PR 276)             | 7.0              | 6.3               | 4.7             | 3.3              | 6.7           | 4.3     | 5.3 | 5.3             | 5.0 | 5.7 | 6.7 | 5.6  |
| AF                                 | 5.7              | 7.0               | 5.3             | 5.0              | 7.3           | 7.3     | 5.3 | 5.0             | 6.3 | 5.0 | 6.0 | 5.5  |
| IS-PR 236                          | 7.0              | 5.7               | 5.3             | 3.7              | 6.3           | 4.7     | 5.3 | 5.3             | 5.3 | 5.7 | 6.0 | 5.5  |
| REVENGE GLX (JR-348)               | 6.7              | 6.3               | 5.3             | 4.7              | 6.3           | 4.7     | 5.7 | 5.0             | 5.7 | 5.3 | 5.7 | 5.5  |
| L44                                | 8.0              | 5.0               | 5.0             | 5.3              | 5.3           | 3.7     | 5.7 | 6.3             | 4.7 | 5.3 | 5.3 | 5.5  |
| LCK                                | 5.0              | 6.7               | 5.3             | 5.0              | 7.0           | 5.7     | 5.0 | 5.3             | 5.7 | 5.7 | 5.7 | 5.5  |
| MACH I                             | 5.3              | 7.0               | 5.3             | 6.3              | 6.3           | 4.0     | 5.7 | 6.0             | 5.0 | 5.0 | 5.7 | 5.5  |
| DELAWARE XL (PICK 01-2)            | 6.0              | 6.0               | 4.7             | 4.3              | 4.0           | 3.0     | 5.7 | 6.0             | 4.0 | 5.7 | 6.0 | 5.5  |
| PICK 02-R                          | 7.7              | 7.7               | 5.0             | 5.0              | 4.3           | 4.0     | 6.3 | 6.3             | 4.3 | 4.7 | 6.0 | 5.5  |
| PROTEGE GLR                        | 6.7              | 6.0               | 5.7             | 3.3              | 6.7           | 6.3     | 5.3 | 5.0             | 6.3 | 5.0 | 6.0 | 5.5  |
| PWDR                               | 6.7              | 5.7               | 4.0             | 5.7              | 4.7           | 4.0     | 6.3 | 6.0             | 4.7 | 5.0 | 5.7 | 5.5  |
| SR 4600 (SRX 4SP)                  | 6.3              | 6.0               | 6.3             | 4.3              | 7.3           | 5.3     | 5.0 | 5.3             | 6.0 | 5.0 | 6.0 | 5.5  |
| ASP6003 (TRS)                      | 6.7              | 5.7               | 5.3             | 5.7              | 5.0           | 3.7     | 5.7 | 6.7             | 4.7 | 5.7 | 5.0 | 5.5  |
| VB77                               | 5.7              | 5.3               | 5.0             | 5.7              | 5.0           | 4.0     | 6.0 | 6.0             | 5.0 | 5.3 | 5.3 | 5.5  |
| VB99                               | 7.0              | 6.0               | 4.7             | 5.3              | 6.0           | 4.3     | 6.3 | 5.7             | 5.0 | 5.0 | 5.3 | 5.5  |
| O4-BRE                             | 5.3              | 5.0               | 5.0             | 5.3              | 5.7           | 5.0     | 5.0 | 6.0             | 5.0 | 5.7 | 5.3 | 5.4  |
| ASP6006 (LPFG)                     | 7.3              | 4.3               | 4.7             | 6.0              | 5.3           | 3.3     | 5.7 | 5.7             | 4.7 | 5.3 | 5.7 | 5.4  |
| SECRETARIAT II GLSR (LTP-101-GLSR) | 4.7              | 5.0               | 5.0             | 5.7              | 6.7           | 6.3     | 6.0 | 5.0             | 6.0 | 5.0 | 5.0 | 5.4  |
| AAZ-B104                           | 5.7              | 6.7               | 5.3             | 4.0              | 6.7           | 6.0     | 5.3 | 5.0             | 5.3 | 5.3 | 5.3 | 5.3  |
| ASP6004 (EXS54)                    | 6.7              | 5.3               | 5.7             | 3.7              | 5.0           | 3.7     | 5.3 | 5.0             | 4.3 | 5.7 | 6.0 | 5.3  |
| GPR                                | 6.7              | 5.3               | 4.7             | 4.7              | 5.7           | 4.0     | 5.3 | 5.7             | 4.7 | 5.0 | 5.7 | 5.3  |
| PALACE (IS-PR 273)                 | 7.3              | 5.7               | 5.3             | 4.7              | 6.7           | 5.3     | 4.7 | 5.0             | 5.7 | 5.3 | 6.0 | 5.3  |
| OVERDRIVE                          | 4.7              | 5.7               | 4.7             | 5.7              | 5.7           | 4.7     | 5.3 | 5.3             | 5.7 | 4.7 | 5.3 | 5.3  |
| BAR LP 4920                        | 5.0              | 6.7               | 6.0             | 4.3              | 5.3           | 4.0     | 5.3 | 5.3             | 4.7 | 5.7 | 5.0 | 5.2  |
| ASP6002 (BPR)                      | 7.3              | 6.0               | 4.7             | 5.3              | 4.3           | 3.3     | 5.7 | 6.0             | 3.7 | 5.7 | 5.0 | 5.2  |

TABLE 11.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT ST. PAUL, MN 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                              | GENETIC<br>COLOR | SEEDLING<br>VIGOR | DENSITY<br>FALL | WINTER<br>DAMAGE | CROWN<br>RUST |         | MAY | JUN | QUALITY RATINGS |     |     | MEAN |
|-----------------------------------|------------------|-------------------|-----------------|------------------|---------------|---------|-----|-----|-----------------|-----|-----|------|
|                                   |                  |                   |                 |                  | JULY 12       | JULY 25 |     |     | JUL             | AUG | SEP |      |
| CHARISMATIC II GLSR (LTP-PG-GLSR) | 4.7              | 5.0               | 4.7             | 5.0              | 6.7           | 5.0     | 4.7 | 5.3 | 5.3             | 5.7 | 5.0 | 5.2  |
| FUSION                            | 6.7              | 5.7               | 5.0             | 3.7              | 5.7           | 4.7     | 5.0 | 5.0 | 5.0             | 5.3 | 5.7 | 5.2  |
| PARAGON GLR                       | 5.7              | 6.7               | 5.0             | 3.3              | 6.3           | 5.0     | 5.0 | 5.3 | 5.3             | 5.0 | 5.3 | 5.2  |
| MANHATTAN 5 GLR (PST-2AM)         | 5.3              | 6.0               | 5.0             | 4.7              | 6.7           | 5.7     | 5.0 | 5.0 | 6.3             | 4.7 | 5.0 | 5.2  |
| TR47                              | 8.0              | 4.7               | 5.3             | 4.7              | 4.7           | 2.7     | 6.3 | 5.3 | 4.0             | 5.0 | 5.3 | 5.2  |
| AC2                               | 6.3              | 4.3               | 5.0             | 3.7              | 4.0           | 3.7     | 5.0 | 5.0 | 4.3             | 5.3 | 6.0 | 5.1  |
| BAR LP 4420                       | 5.3              | 4.3               | 5.7             | 5.3              | 4.3           | 4.0     | 5.3 | 5.0 | 4.3             | 5.3 | 5.3 | 5.1  |
| HALO (KN42)                       | 8.0              | 6.0               | 4.3             | 4.3              | 5.0           | 3.0     | 5.3 | 5.7 | 3.7             | 5.3 | 5.7 | 5.1  |
| HEADSTART 2                       | 5.3              | 6.0               | 5.0             | 5.0              | 4.3           | 3.0     | 5.3 | 5.7 | 4.0             | 5.7 | 5.0 | 5.1  |
| PRIMARY (IS-PR 269)               | 5.0              | 6.3               | 5.3             | 3.3              | 7.0           | 5.3     | 4.7 | 5.0 | 5.0             | 5.3 | 5.3 | 5.1  |
| GOALKEEPER II (JR-114)            | 4.7              | 6.0               | 4.3             | 6.0              | 3.3           | 3.0     | 6.3 | 5.3 | 4.0             | 5.0 | 5.0 | 5.1  |
| LA QUINTA (JR-255)                | 7.3              | 5.7               | 5.0             | 5.3              | 4.7           | 3.7     | 5.3 | 5.7 | 4.3             | 5.0 | 5.3 | 5.1  |
| PINNACLE II                       | 5.7              | 5.7               | 5.7             | 4.7              | 6.7           | 4.3     | 5.0 | 5.0 | 5.0             | 5.3 | 5.0 | 5.1  |
| PM 101                            | 7.0              | 6.3               | 5.0             | 3.7              | 5.3           | 4.0     | 4.3 | 5.0 | 5.0             | 5.7 | 5.3 | 5.1  |
| PM 103                            | 6.7              | 5.3               | 4.7             | 4.3              | 4.7           | 4.0     | 5.0 | 5.7 | 4.3             | 5.0 | 5.3 | 5.1  |
| PRG HS-01-09                      | 7.3              | 7.0               | 4.7             | 4.0              | 4.0           | 3.3     | 5.0 | 5.7 | 4.0             | 6.0 | 5.0 | 5.1  |
| GALATTI (DP 17-9502)              | 4.7              | 4.3               | 4.7             | 5.7              | 5.3           | 3.0     | 5.3 | 5.7 | 4.7             | 5.0 | 4.3 | 5.0  |
| ATTRIBUTE (IS-PR 270)             | 6.3              | 5.3               | 4.7             | 3.3              | 6.3           | 5.0     | 4.3 | 4.7 | 5.7             | 5.0 | 5.3 | 5.0  |
| PALMER IV                         | 6.7              | 5.3               | 5.7             | 4.0              | 7.0           | 5.0     | 5.0 | 4.7 | 5.3             | 4.0 | 6.0 | 5.0  |
| PST-2AG4                          | 6.0              | 5.0               | 5.7             | 3.3              | 6.0           | 4.7     | 4.3 | 5.0 | 5.3             | 5.0 | 5.3 | 5.0  |
| PST-2LAN                          | 3.7              | 5.3               | 5.7             | 4.3              | 6.3           | 5.3     | 5.0 | 5.0 | 5.3             | 4.7 | 5.0 | 5.0  |
| PST-2MNG                          | 5.0              | 6.0               | 4.7             | 5.0              | 5.3           | 4.7     | 5.7 | 5.0 | 5.3             | 4.3 | 4.7 | 5.0  |
| ASP6001 (RTS)                     | 7.0              | 5.0               | 4.0             | 5.3              | 3.7           | 2.7     | 5.0 | 5.7 | 4.3             | 5.0 | 5.0 | 5.0  |
| HARRIER (SRX 4UP3)                | 5.3              | 6.0               | 6.0             | 4.0              | 6.7           | 5.0     | 4.7 | 5.3 | 5.3             | 5.0 | 4.7 | 5.0  |
| BARLENNIUM                        | 4.3              | 5.7               | 4.3             | 4.0              | 4.0           | 2.7     | 5.3 | 5.7 | 4.3             | 4.3 | 4.7 | 4.9  |
| BUENA VISTA                       | 6.3              | 6.3               | 5.0             | 4.0              | 6.0           | 5.3     | 4.3 | 5.0 | 5.3             | 4.3 | 5.3 | 4.9  |
| DP 17-9499                        | 5.7              | 4.7               | 5.3             | 5.3              | 4.7           | 3.7     | 5.3 | 5.3 | 4.7             | 4.7 | 4.7 | 4.9  |
| MONTEREY 3 (JR-408)               | 4.3              | 6.7               | 4.7             | 4.3              | 4.3           | 3.0     | 6.0 | 5.3 | 4.3             | 4.3 | 4.7 | 4.9  |
| PS-2                              | 5.0              | 6.3               | 5.0             | 3.7              | 4.0           | 3.0     | 5.0 | 5.3 | 4.0             | 5.3 | 4.7 | 4.9  |
| RAD-PR8                           | 4.3              | 6.3               | 4.7             | 4.7              | 5.3           | 3.3     | 5.3 | 5.3 | 4.7             | 4.7 | 4.7 | 4.9  |
| SP4                               | 7.7              | 5.0               | 4.0             | 4.7              | 5.0           | 3.0     | 5.0 | 5.7 | 3.7             | 5.0 | 5.3 | 4.9  |
| CITATION FORE                     | 4.7              | 6.3               | 4.3             | 4.3              | 5.0           | 3.7     | 5.0 | 5.0 | 4.3             | 5.0 | 4.7 | 4.8  |
| D04-11T                           | 6.0              | 6.7               | 5.3             | 3.3              | 6.7           | 5.3     | 4.0 | 5.0 | 5.3             | 4.7 | 5.0 | 4.8  |
| D04-1667                          | 5.7              | 6.0               | 4.0             | 4.0              | 5.3           | 4.0     | 4.7 | 5.0 | 5.0             | 4.3 | 5.0 | 4.8  |
| D04-LP05                          | 5.0              | 5.0               | 4.0             | 4.7              | 6.0           | 5.0     | 5.0 | 4.7 | 5.0             | 4.7 | 4.7 | 4.8  |
| PST-217                           | 5.0              | 5.7               | 4.0             | 5.0              | 6.0           | 6.0     | 5.3 | 4.0 | 5.3             | 4.7 | 4.7 | 4.8  |
| REPELL GLS                        | 4.3              | 6.3               | 4.3             | 4.0              | 6.0           | 5.0     | 5.0 | 5.7 | 5.0             | 4.3 | 4.0 | 4.8  |
| \$ILVER DOLLAR                    | 5.3              | 5.7               | 4.0             | 3.7              | 5.0           | 3.0     | 5.0 | 4.3 | 4.7             | 5.0 | 4.7 | 4.7  |
| 04-BEN                            | 4.7              | 4.7               | 4.3             | 4.7              | 5.3           | 4.0     | 5.0 | 4.7 | 4.0             | 5.3 | 4.7 | 4.7  |
| APR 1663                          | 4.7              | 6.3               | 5.3             | 5.3              | 6.3           | 3.7     | 5.3 | 4.3 | 4.7             | 4.7 | 4.3 | 4.7  |
| BAR LP 4317                       | 3.7              | 4.3               | 5.0             | 4.7              | 5.0           | 5.0     | 5.0 | 4.3 | 5.3             | 4.7 | 4.3 | 4.7  |
| PIANIST (DP 17-9505)              | 5.0              | 5.0               | 4.0             | 5.0              | 5.0           | 3.3     | 5.0 | 5.0 | 4.0             | 5.0 | 4.3 | 4.7  |
| KOKOMO II (IS-PR 235)             | 6.7              | 6.0               | 4.3             | 3.7              | 6.3           | 4.3     | 4.3 | 4.7 | 4.3             | 4.7 | 5.7 | 4.7  |
| ACCENT II (JR-119)                | 4.3              | 6.0               | 4.7             | 4.7              | 4.7           | 4.0     | 5.3 | 4.3 | 5.0             | 4.7 | 4.3 | 4.7  |
| PST-2BLK                          | 4.3              | 5.0               | 3.7             | 4.0              | 4.7           | 2.7     | 5.0 | 5.3 | 4.3             | 4.3 | 4.7 | 4.7  |
| PST-2GSM                          | 5.3              | 6.7               | 4.3             | 3.7              | 6.3           | 5.3     | 4.3 | 4.7 | 5.0             | 5.0 | 4.7 | 4.7  |
| D04-UP                            | 5.7              | 4.3               | 5.0             | 3.0              | 6.7           | 5.7     | 3.7 | 4.7 | 5.0             | 4.7 | 5.0 | 4.6  |

TABLE 11.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT ST. PAUL, MN 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                      | GENETIC<br>COLOR | SEEDLING<br>VIGOR | DENSITY<br>FALL | WINTER<br>DAMAGE | CROWN<br>RUST |         | MAY  | JUN  | QUALITY RATINGS |      |      | MEAN |
|---------------------------|------------------|-------------------|-----------------|------------------|---------------|---------|------|------|-----------------|------|------|------|
|                           |                  |                   |                 |                  | JULY 12       | JULY 25 |      |      | JUL             | AUG  | SEP  |      |
| TOP GUN II (JR-324)       | 6.7              | 5.7               | 4.7             | 3.0              | 3.7           | 3.7     | 4.7  | 4.7  | 4.3             | 4.3  | 5.0  | 4.6  |
| ASP6005 (AJM)             | 8.0              | 5.0               | 4.7             | 4.0              | 4.7           | 3.3     | 4.0  | 4.7  | 3.7             | 5.3  | 5.0  | 4.5  |
| BRIGHTSTAR SLT            | 4.0              | 6.7               | 4.0             | 4.0              | 5.0           | 4.7     | 4.7  | 4.7  | 5.0             | 4.0  | 4.3  | 4.5  |
| DP 17-9788                | 4.0              | 5.3               | 4.7             | 5.0              | 5.0           | 3.3     | 5.0  | 4.7  | 4.3             | 4.0  | 4.3  | 4.5  |
| GRAY STAR (PST-2LGL)      | 5.3              | 4.7               | 4.7             | 4.3              | 5.0           | 3.3     | 4.7  | 4.7  | 4.3             | 4.7  | 4.3  | 4.5  |
| CADDIESHACK II (JR-163)   | 3.7              | 5.7               | 3.3             | 6.3              | 3.3           | 3.0     | 6.0  | 4.7  | 4.3             | 3.7  | 4.0  | 4.5  |
| PALMER III                | 3.7              | 5.0               | 4.3             | 5.0              | 4.3           | 3.7     | 4.7  | 5.0  | 4.3             | 4.3  | 4.0  | 4.5  |
| FIESTA 4 (PICK F4)        | 6.7              | 5.3               | 4.7             | 3.3              | 6.7           | 5.0     | 3.7  | 5.0  | 4.3             | 4.3  | 5.0  | 4.5  |
| LINE DRIVE GLS (APR 1797) | 5.7              | 5.0               | 5.0             | 3.3              | 5.0           | 4.3     | 4.0  | 4.7  | 4.3             | 4.3  | 4.7  | 4.4  |
| PM 102                    | 7.7              | 5.3               | 3.3             | 3.3              | 3.3           | 2.3     | 4.3  | 5.3  | 3.3             | 4.3  | 4.7  | 4.4  |
| PREMIER II                | 4.0              | 6.3               | 5.0             | 4.7              | 4.3           | 2.3     | 4.7  | 4.7  | 4.3             | 5.0  | 3.3  | 4.4  |
| SRX 4682                  | 4.7              | 6.0               | 4.0             | 5.0              | 4.3           | 3.7     | 5.3  | 4.7  | 4.0             | 4.3  | 3.7  | 4.4  |
| APR 1670                  | 4.7              | 6.7               | 3.3             | 3.3              | 4.0           | 2.7     | 4.3  | 4.7  | 3.7             | 4.0  | 4.7  | 4.3  |
| INSPIRE                   | 4.0              | 6.3               | 5.3             | 4.0              | 4.7           | 3.3     | 5.0  | 4.0  | 4.0             | 4.3  | 4.3  | 4.3  |
| QUICKSILVER               | 6.3              | 5.0               | 4.3             | 2.7              | 5.3           | 4.7     | 3.7  | 4.3  | 4.0             | 4.3  | 5.0  | 4.3  |
| SRX 4692                  | 5.7              | 4.3               | 4.3             | 4.7              | 4.7           | 3.0     | 5.3  | 4.7  | 3.7             | 4.0  | 4.0  | 4.3  |
| PHENOM (APR 1660)         | 5.3              | 6.0               | 3.3             | 3.0              | 4.3           | 2.7     | 3.3  | 5.0  | 3.7             | 4.7  | 4.3  | 4.2  |
| E-99                      | 4.7              | 4.7               | 4.7             | 3.7              | 5.3           | 5.0     | 3.7  | 4.0  | 4.7             | 4.0  | 4.3  | 4.1  |
| PENTIUM                   | 4.0              | 7.0               | 4.7             | 4.0              | 4.0           | 2.0     | 4.7  | 4.0  | 3.7             | 4.3  | 3.7  | 4.1  |
| PANTHER                   | 2.7              | 6.3               | 4.0             | 3.0              | 4.3           | 3.0     | 3.7  | 4.3  | 4.0             | 3.3  | 3.0  | 3.7  |
| LPR 02203                 | 2.3              | 6.3               | 4.0             | 3.7              | 3.7           | 2.7     | 4.3  | 3.7  | 4.0             | 3.0  | 2.7  | 3.5  |
| AFFINITY                  | 2.0              | 7.0               | 3.0             | 3.0              | 3.7           | 3.0     | 3.3  | 3.7  | 3.0             | 3.0  | 2.0  | 3.0  |
| PREMIER                   | 2.0              | 6.7               | 3.3             | 5.0              | 2.7           | 2.7     | 3.3  | 2.7  | 3.0             | 3.0  | 2.3  | 2.9  |
| PINNACLE                  | 2.3              | 5.3               | 2.7             | 3.7              | 3.3           | 3.0     | 2.7  | 2.3  | 2.0             | 2.7  | 1.7  | 2.3  |
| LINN                      | 1.0              | 6.7               | 1.0             | 1.0              | 4.7           | 4.7     | 1.0  | 1.0  | 1.0             | 1.0  | 1.0  | 1.0  |
| LSD VALUE                 | 1.2              | 1.8               | 1.7             | 4.5              | 1.4           | 1.4     | 1.9  | 1.1  | 1.5             | 1.1  | 1.1  | 0.9  |
| C.V. (%)                  | 13.7             | 15.6              | 18.8            | 31.0             | 16.0          | 20.5    | 19.4 | 13.7 | 18.6            | 13.8 | 14.1 | 11.5 |

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 12. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2004 NATIONAL PERENNIAL RYEGRASS TEST AT COLUMBIA, MO 1/ 2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST

| NAME                          | GENETIC COLOR | BROWN PATCH WARM TEMP. | QUALITY RATINGS |     |     |     |     |     |     |     |     | MEAN |
|-------------------------------|---------------|------------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|------|
|                               |               |                        | MAR             | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV |      |
| GPR                           | 7.7           | 5.7                    | 6.0             | 8.0 | 8.0 | 6.0 | 5.0 | 7.3 | 7.3 | 7.7 | 7.3 | 7.0  |
| PRG HS-01-09                  | 8.3           | 4.3                    | 5.7             | 8.0 | 8.3 | 5.7 | 5.0 | 7.0 | 6.7 | 8.7 | 7.7 | 7.0  |
| EXACTA II GLSR (LTP-611-GLSR) | 5.7           | 3.3                    | 5.7             | 7.0 | 7.0 | 5.0 | 5.0 | 7.7 | 8.0 | 8.3 | 8.0 | 6.9  |
| RG3P                          | 6.7           | 4.3                    | 5.3             | 8.3 | 7.7 | 6.0 | 5.3 | 6.7 | 7.3 | 8.3 | 7.0 | 6.9  |
| D04-1667                      | 7.0           | 5.3                    | 6.0             | 7.3 | 7.0 | 5.3 | 5.3 | 7.3 | 7.7 | 8.0 | 7.3 | 6.8  |
| AC2                           | 7.3           | 6.7                    | 5.0             | 7.7 | 8.0 | 5.3 | 4.7 | 7.7 | 7.3 | 7.7 | 7.3 | 6.7  |
| AF                            | 6.0           | 5.3                    | 5.3             | 6.7 | 7.3 | 5.0 | 4.7 | 7.3 | 7.7 | 8.3 | 8.0 | 6.7  |
| APR 1648                      | 6.7           | 6.0                    | 4.7             | 7.3 | 8.0 | 5.7 | 5.7 | 7.3 | 7.0 | 8.0 | 7.0 | 6.7  |
| D04-11T                       | 7.0           | 5.0                    | 5.0             | 7.0 | 7.7 | 5.3 | 5.7 | 7.3 | 7.3 | 7.7 | 7.3 | 6.7  |
| PM 101                        | 7.7           | 6.3                    | 5.7             | 7.7 | 7.7 | 5.3 | 5.7 | 7.0 | 7.0 | 7.7 | 7.0 | 6.7  |
| HALO (KN42)                   | 7.0           | 4.3                    | 5.0             | 7.7 | 7.7 | 5.3 | 4.3 | 6.3 | 7.7 | 8.3 | 7.3 | 6.6  |
| DERBY XTREME (IS-PR 268)      | 5.3           | 5.7                    | 5.3             | 6.7 | 7.3 | 5.0 | 4.7 | 7.3 | 7.7 | 8.0 | 7.3 | 6.6  |
| AMAZING GS (IS-PR 276)        | 6.7           | 4.3                    | 5.3             | 6.7 | 7.3 | 5.0 | 5.3 | 7.0 | 7.3 | 8.0 | 7.0 | 6.6  |
| MMW                           | 5.7           | 4.7                    | 5.7             | 6.3 | 7.0 | 5.3 | 5.7 | 6.3 | 8.0 | 7.7 | 7.7 | 6.6  |
| DELAWARE XL (PICK 01-2)       | 7.0           | 6.0                    | 4.7             | 7.0 | 7.7 | 5.3 | 5.0 | 6.7 | 7.3 | 8.3 | 7.3 | 6.6  |
| PWDR                          | 7.3           | 5.0                    | 5.0             | 6.7 | 8.0 | 5.0 | 4.3 | 7.0 | 7.7 | 8.3 | 7.7 | 6.6  |
| RNS                           | 6.0           | 5.3                    | 5.3             | 7.0 | 7.3 | 5.7 | 4.7 | 6.7 | 7.0 | 8.0 | 7.7 | 6.6  |
| SNR                           | 7.3           | 4.3                    | 5.3             | 7.0 | 8.3 | 5.3 | 4.3 | 6.7 | 6.7 | 8.3 | 7.3 | 6.6  |
| SR 4600 (SRX 4SP)             | 6.0           | 3.3                    | 5.7             | 7.0 | 6.3 | 4.3 | 4.7 | 7.0 | 8.0 | 8.3 | 7.7 | 6.6  |
| VB77                          | 7.0           | 5.7                    | 5.3             | 7.7 | 8.0 | 5.7 | 4.7 | 6.7 | 7.0 | 7.3 | 7.0 | 6.6  |
| ES45                          | 7.0           | 4.3                    | 5.0             | 6.7 | 7.7 | 5.0 | 4.7 | 6.7 | 6.3 | 8.7 | 7.7 | 6.5  |
| ASP6004 (EXS54)               | 7.3           | 5.3                    | 5.3             | 7.7 | 7.7 | 5.0 | 5.0 | 5.3 | 7.3 | 7.7 | 7.3 | 6.5  |
| TOP GUN II (JR-324)           | 6.3           | 5.0                    | 4.7             | 6.7 | 7.3 | 5.7 | 5.7 | 6.7 | 7.3 | 7.3 | 7.0 | 6.5  |
| LCK                           | 6.7           | 4.7                    | 5.0             | 6.7 | 7.3 | 4.7 | 5.7 | 6.3 | 7.0 | 8.3 | 7.3 | 6.5  |
| ASP6006 (LPFG)                | 6.7           | 5.0                    | 6.0             | 7.0 | 8.0 | 4.7 | 4.0 | 7.0 | 6.7 | 8.0 | 7.0 | 6.5  |
| PENTIUM                       | 5.7           | 4.3                    | 6.0             | 7.0 | 6.3 | 5.3 | 5.7 | 6.3 | 6.7 | 8.0 | 7.3 | 6.5  |
| FIESTA 4 (PICK F4)            | 6.0           | 4.3                    | 4.7             | 6.7 | 7.3 | 4.3 | 4.0 | 7.3 | 8.0 | 8.3 | 7.7 | 6.5  |
| PICK RB-1                     | 6.3           | 4.0                    | 5.7             | 7.0 | 6.7 | 4.0 | 4.3 | 6.7 | 7.7 | 8.7 | 8.0 | 6.5  |
| REPELL GLS                    | 5.7           | 3.3                    | 6.0             | 7.3 | 6.0 | 4.3 | 4.7 | 7.0 | 7.7 | 8.3 | 7.3 | 6.5  |
| \$ILVER DOLLAR                | 6.0           | 4.3                    | 5.3             | 6.7 | 6.3 | 5.3 | 5.3 | 7.0 | 7.0 | 7.3 | 7.0 | 6.4  |
| PRESIDIO (CNV)                | 7.7           | 5.3                    | 4.7             | 7.3 | 7.0 | 5.3 | 4.7 | 7.0 | 7.0 | 7.7 | 7.3 | 6.4  |
| DP 17-9499                    | 6.3           | 5.0                    | 5.0             | 7.0 | 7.3 | 5.3 | 4.7 | 6.0 | 7.0 | 7.7 | 7.3 | 6.4  |
| FUSION                        | 7.0           | 4.7                    | 6.0             | 6.7 | 7.0 | 4.7 | 5.0 | 6.7 | 6.7 | 8.0 | 7.3 | 6.4  |
| REGAL 5 (IS-PR 271)           | 7.0           | 4.7                    | 4.7             | 6.7 | 7.3 | 6.3 | 4.3 | 6.0 | 7.0 | 8.0 | 7.0 | 6.4  |
| PALACE (IS-PR 273)            | 6.3           | 6.3                    | 5.0             | 6.3 | 7.3 | 6.0 | 5.0 | 6.3 | 7.0 | 7.3 | 7.0 | 6.4  |
| KEYSTONE 2 (IS-PR 312)        | 6.7           | 4.0                    | 5.0             | 8.0 | 6.7 | 5.3 | 5.3 | 6.7 | 6.7 | 7.3 | 7.0 | 6.4  |
| ALL*STAR 3 (IS-PR 274)        | 7.0           | 6.3                    | 5.3             | 7.7 | 7.7 | 5.0 | 4.0 | 6.0 | 6.7 | 8.0 | 7.0 | 6.4  |
| MONTEREY 3 (JR-408)           | 6.3           | 5.3                    | 4.0             | 6.3 | 7.3 | 5.7 | 5.7 | 7.0 | 7.0 | 7.3 | 7.0 | 6.4  |
| OVERDRIVE                     | 6.3           | 5.3                    | 5.3             | 7.0 | 7.7 | 5.7 | 4.7 | 6.7 | 6.7 | 7.7 | 6.7 | 6.4  |
| PM 102                        | 7.3           | 5.3                    | 6.0             | 8.0 | 7.7 | 5.0 | 4.0 | 6.7 | 6.3 | 7.7 | 6.7 | 6.4  |
| ASP6003 (TRS)                 | 7.0           | 4.3                    | 5.0             | 6.0 | 7.3 | 5.3 | 4.3 | 7.0 | 7.0 | 8.3 | 7.7 | 6.4  |
| VB99                          | 6.7           | 5.3                    | 5.3             | 6.7 | 8.3 | 5.3 | 4.7 | 6.0 | 7.0 | 7.3 | 7.0 | 6.4  |
| 04-BRE                        | 6.3           | 5.3                    | 5.3             | 6.3 | 7.0 | 5.7 | 4.0 | 7.0 | 7.3 | 7.3 | 6.7 | 6.3  |
| ASP6005 (AJM)                 | 7.3           | 5.0                    | 4.3             | 7.0 | 8.0 | 5.3 | 4.0 | 6.3 | 7.3 | 7.7 | 7.0 | 6.3  |
| APR 1663                      | 6.0           | 4.3                    | 4.7             | 7.0 | 6.3 | 4.7 | 4.7 | 6.7 | 7.0 | 8.0 | 7.3 | 6.3  |
| LINE DRIVE GLS (APR 1797)     | 6.0           | 6.7                    | 5.3             | 6.3 | 7.0 | 5.7 | 5.3 | 6.7 | 6.7 | 7.0 | 6.7 | 6.3  |
| GALATTI (DP 17-9502)          | 6.0           | 3.3                    | 5.3             | 6.3 | 7.3 | 5.7 | 4.7 | 6.0 | 6.3 | 7.7 | 7.0 | 6.3  |

TABLE 12.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT COLUMBIA, MO 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                               | GENETIC<br>COLOR | BROWN<br>PATCH<br>WARM TEMP. | QUALITY RATINGS |     |     |     |     |     |     |     |     | MEAN |
|------------------------------------|------------------|------------------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|------|
|                                    |                  |                              | MAR             | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV |      |
| DP1                                | 6.0              | 4.0                          | 5.0             | 7.0 | 7.3 | 4.3 | 4.7 | 6.3 | 7.0 | 8.3 | 7.0 | 6.3  |
| CABO II (IS-PR 233)                | 7.7              | 3.3                          | 5.3             | 7.3 | 6.3 | 4.7 | 4.7 | 6.3 | 7.3 | 7.7 | 6.7 | 6.3  |
| ATTRIBUTE (IS-PR 270)              | 5.7              | 5.7                          | 4.7             | 6.3 | 7.0 | 5.0 | 4.7 | 6.3 | 7.0 | 8.0 | 7.3 | 6.3  |
| ACCENT II (JR-119)                 | 6.0              | 5.3                          | 5.3             | 6.7 | 6.0 | 5.7 | 5.3 | 6.0 | 7.0 | 7.3 | 7.0 | 6.3  |
| L44                                | 7.3              | 4.0                          | 5.3             | 7.0 | 7.7 | 4.7 | 4.0 | 6.0 | 6.0 | 8.7 | 7.3 | 6.3  |
| PALMER IV                          | 6.7              | 3.7                          | 4.7             | 6.7 | 6.7 | 5.0 | 4.3 | 7.0 | 7.0 | 8.3 | 6.7 | 6.3  |
| PROTEGE GLR                        | 6.3              | 3.3                          | 5.7             | 7.3 | 5.7 | 4.3 | 4.7 | 6.7 | 7.3 | 8.0 | 7.0 | 6.3  |
| TR47                               | 7.7              | 3.3                          | 5.3             | 7.0 | 8.0 | 4.7 | 3.7 | 6.3 | 7.0 | 8.0 | 7.0 | 6.3  |
| ARR 1664                           | 6.0              | 4.0                          | 5.3             | 6.3 | 6.3 | 5.0 | 4.3 | 6.3 | 7.3 | 7.7 | 7.0 | 6.2  |
| DCM                                | 5.7              | 5.3                          | 5.0             | 5.7 | 7.0 | 4.7 | 5.0 | 6.7 | 6.7 | 8.3 | 7.0 | 6.2  |
| GOALKEEPER II (JR-114)             | 7.0              | 5.3                          | 5.0             | 6.7 | 6.7 | 5.3 | 5.0 | 7.0 | 6.3 | 7.3 | 6.7 | 6.2  |
| REVENGE GLX (JR-348)               | 6.7              | 6.0                          | 5.3             | 6.3 | 6.0 | 4.7 | 4.7 | 6.7 | 7.0 | 8.0 | 7.3 | 6.2  |
| MS2                                | 7.0              | 4.3                          | 4.7             | 6.7 | 7.3 | 5.3 | 4.7 | 5.7 | 6.3 | 8.0 | 7.0 | 6.2  |
| PIZZAZZ                            | 5.7              | 4.7                          | 4.7             | 7.0 | 7.7 | 5.7 | 3.7 | 5.3 | 6.7 | 8.0 | 7.3 | 6.2  |
| PS-2                               | 5.3              | 5.7                          | 4.7             | 5.7 | 7.0 | 5.7 | 5.3 | 6.7 | 7.0 | 7.0 | 7.0 | 6.2  |
| PST-217                            | 5.7              | 5.3                          | 4.0             | 6.0 | 6.7 | 5.7 | 5.0 | 6.3 | 7.3 | 8.0 | 7.0 | 6.2  |
| PST-2MNG                           | 5.7              | 3.7                          | 5.3             | 6.7 | 6.7 | 4.7 | 4.7 | 6.7 | 6.3 | 7.7 | 7.0 | 6.2  |
| SRX 4692                           | 6.7              | 3.7                          | 4.7             | 7.0 | 7.3 | 5.0 | 5.3 | 6.0 | 6.0 | 7.3 | 7.3 | 6.2  |
| PHENOM (APR 1660)                  | 5.3              | 3.7                          | 5.0             | 6.3 | 6.7 | 5.0 | 5.0 | 6.3 | 6.7 | 7.3 | 7.0 | 6.1  |
| GL-2                               | 5.7              | 4.0                          | 4.7             | 6.3 | 6.3 | 5.0 | 5.0 | 7.0 | 7.0 | 7.0 | 6.7 | 6.1  |
| IS-PR 236                          | 6.7              | 5.3                          | 5.0             | 7.7 | 7.0 | 4.7 | 4.3 | 6.0 | 6.3 | 7.3 | 7.0 | 6.1  |
| PANTHER GLS                        | 5.7              | 6.0                          | 4.3             | 5.3 | 7.3 | 5.7 | 5.0 | 6.7 | 6.3 | 7.3 | 7.0 | 6.1  |
| PICK 02-R                          | 8.3              | 2.7                          | 5.3             | 7.7 | 8.0 | 4.3 | 3.3 | 5.3 | 6.7 | 7.7 | 7.0 | 6.1  |
| QUICKSILVER                        | 7.0              | 5.0                          | 4.0             | 6.7 | 7.3 | 4.7 | 4.7 | 5.7 | 6.7 | 8.3 | 7.3 | 6.1  |
| ASP6001 (RTS)                      | 6.7              | 5.7                          | 4.0             | 6.7 | 7.3 | 5.0 | 4.7 | 6.0 | 6.3 | 7.7 | 7.0 | 6.1  |
| BAR LP 4317                        | 5.3              | 5.3                          | 4.0             | 5.7 | 7.0 | 5.7 | 5.7 | 6.0 | 6.7 | 7.0 | 6.7 | 6.0  |
| ASP6002 (BPR)                      | 7.3              | 4.7                          | 4.3             | 6.3 | 7.7 | 5.3 | 4.3 | 6.0 | 6.0 | 7.7 | 6.7 | 6.0  |
| CITATION FORE                      | 6.3              | 4.7                          | 4.7             | 6.3 | 6.7 | 5.3 | 5.3 | 6.3 | 6.0 | 7.0 | 6.3 | 6.0  |
| PIANIST (DP 17-9505)               | 7.3              | 4.0                          | 5.0             | 6.3 | 7.0 | 5.7 | 4.3 | 6.3 | 6.3 | 7.0 | 6.3 | 6.0  |
| HEADSTART 2                        | 7.3              | 3.3                          | 4.7             | 7.3 | 7.3 | 4.7 | 4.7 | 6.0 | 6.0 | 7.0 | 6.3 | 6.0  |
| KOKOMO II (IS-PR 235)              | 6.3              | 4.7                          | 5.0             | 6.3 | 6.3 | 5.0 | 4.7 | 6.7 | 6.3 | 7.3 | 6.7 | 6.0  |
| PM 103                             | 6.3              | 4.3                          | 4.7             | 5.7 | 7.0 | 5.0 | 4.3 | 6.0 | 6.3 | 7.7 | 7.0 | 6.0  |
| PST-2GSM                           | 6.7              | 5.3                          | 5.0             | 6.0 | 6.3 | 5.3 | 5.0 | 6.0 | 6.3 | 7.0 | 6.7 | 6.0  |
| RAD-PR8                            | 6.0              | 5.0                          | 4.3             | 6.0 | 7.0 | 5.7 | 5.0 | 5.7 | 6.0 | 7.3 | 6.7 | 6.0  |
| SECRETARIAT II GLSR (LTP-101-GLSR) | 5.7              | 6.3                          | 5.0             | 6.3 | 6.3 | 5.3 | 4.3 | 6.0 | 6.3 | 7.3 | 7.0 | 6.0  |
| SP4                                | 6.7              | 4.3                          | 4.0             | 5.7 | 7.7 | 5.3 | 3.7 | 6.3 | 7.3 | 7.3 | 6.7 | 6.0  |
| APR 1670                           | 5.5              | 4.7                          | 4.3             | 6.0 | 6.0 | 4.7 | 5.0 | 6.7 | 6.3 | 7.3 | 6.7 | 5.9  |
| CHARISMATIC II GLSR (LTP-PG-GLSR)  | 5.0              | 6.3                          | 5.0             | 5.3 | 6.0 | 4.7 | 5.0 | 6.7 | 7.3 | 6.7 | 6.7 | 5.9  |
| CADDIESHACK II (JR-163)            | 5.7              | 4.7                          | 4.7             | 6.0 | 7.0 | 5.7 | 5.0 | 5.7 | 5.7 | 6.7 | 6.7 | 5.9  |
| MACH I                             | 6.3              | 4.0                          | 4.3             | 6.3 | 7.7 | 5.3 | 3.7 | 6.0 | 6.3 | 7.3 | 6.3 | 5.9  |
| PARAGON GLR                        | 6.0              | 4.7                          | 4.3             | 7.0 | 6.7 | 4.7 | 4.3 | 6.0 | 5.7 | 7.7 | 6.3 | 5.9  |
| PREMIER II                         | 5.0              | 5.3                          | 4.7             | 6.3 | 5.7 | 5.7 | 5.0 | 5.3 | 5.3 | 7.7 | 7.0 | 5.9  |
| PST-2BLK                           | 6.7              | 4.3                          | 5.0             | 6.0 | 6.3 | 4.7 | 4.3 | 6.0 | 6.0 | 7.7 | 7.3 | 5.9  |
| HARRIER (SRX 4UP3)                 | 6.3              | 4.0                          | 4.7             | 6.3 | 6.0 | 4.0 | 4.3 | 6.7 | 7.0 | 7.3 | 7.0 | 5.9  |
| BUENA VISTA                        | 5.7              | 3.7                          | 5.3             | 6.3 | 6.3 | 4.3 | 3.7 | 5.7 | 6.3 | 7.7 | 6.7 | 5.8  |
| D04-LP05                           | 5.3              | 4.3                          | 4.7             | 6.3 | 5.7 | 4.3 | 4.3 | 5.7 | 6.0 | 8.3 | 7.0 | 5.8  |
| GRAY STAR (PST-2LGL)               | 6.0              | 4.0                          | 4.3             | 6.0 | 6.7 | 5.3 | 4.3 | 6.0 | 6.3 | 6.3 | 6.7 | 5.8  |

TABLE 12.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT COLUMBIA, MO 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                      | GENETIC<br>COLOR | BROWN<br>PATCH<br>WARM TEMP. | QUALITY RATINGS |      |      |      |      |      |      |      |     |     | MEAN |
|---------------------------|------------------|------------------------------|-----------------|------|------|------|------|------|------|------|-----|-----|------|
|                           |                  |                              | MAR             | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV |     |      |
| LA QUINTA (JR-255)        | 5.7              | 5.7                          | 5.0             | 5.3  | 6.7  | 5.0  | 3.7  | 6.3  | 6.7  | 6.7  | 6.7 | 5.8 |      |
| PINNACLE II               | 5.3              | 4.3                          | 4.7             | 6.0  | 5.7  | 5.3  | 4.7  | 5.7  | 6.0  | 7.3  | 6.7 | 5.8 |      |
| MANHATTAN 5 GLR (PST-2AM) | 5.0              | 5.0                          | 4.0             | 5.3  | 6.0  | 5.0  | 5.0  | 6.0  | 6.7  | 7.0  | 7.0 | 5.8 |      |
| SRX 4682                  | 5.3              | 5.3                          | 5.0             | 5.7  | 6.3  | 4.7  | 4.7  | 6.0  | 6.3  | 7.0  | 6.3 | 5.8 |      |
| AAZ-B104                  | 5.3              | 5.0                          | 5.0             | 5.7  | 6.0  | 4.3  | 4.3  | 6.0  | 6.3  | 6.7  | 6.7 | 5.7 |      |
| BAR LP 4920               | 5.7              | 4.3                          | 5.0             | 5.3  | 6.3  | 5.0  | 4.3  | 5.7  | 6.3  | 6.7  | 6.7 | 5.7 |      |
| BARLENNIUM                | 5.3              | 5.0                          | 4.3             | 5.3  | 6.3  | 5.0  | 5.0  | 5.7  | 6.0  | 7.0  | 7.0 | 5.7 |      |
| BRIGHTSTAR SLT            | 6.0              | 4.7                          | 4.0             | 6.0  | 6.7  | 5.7  | 4.7  | 5.3  | 5.3  | 7.0  | 7.0 | 5.7 |      |
| D04-UP                    | 5.3              | 3.7                          | 4.3             | 5.7  | 5.7  | 4.0  | 4.3  | 6.3  | 6.7  | 7.7  | 7.0 | 5.7 |      |
| DP 17-9788                | 5.3              | 5.0                          | 4.0             | 6.0  | 6.3  | 4.7  | 4.7  | 5.3  | 5.7  | 7.3  | 7.0 | 5.7 |      |
| E-99                      | 6.3              | 5.7                          | 5.0             | 6.3  | 6.0  | 4.0  | 4.7  | 5.7  | 5.7  | 7.0  | 6.7 | 5.7 |      |
| INSPIRE                   | 5.0              | 3.7                          | 4.0             | 5.0  | 5.7  | 4.7  | 4.7  | 6.3  | 6.7  | 7.7  | 6.7 | 5.7 |      |
| PRIMARY (IS-PR 269)       | 6.0              | 5.3                          | 4.3             | 6.0  | 6.0  | 4.7  | 4.3  | 6.0  | 6.3  | 7.3  | 6.7 | 5.7 |      |
| PALMER III                | 4.7              | 3.3                          | 4.7             | 5.3  | 6.3  | 5.7  | 4.0  | 6.0  | 6.0  | 6.7  | 6.3 | 5.7 |      |
| PST-2AG4                  | 6.3              | 5.0                          | 4.7             | 5.3  | 6.3  | 5.0  | 4.0  | 5.7  | 6.3  | 7.3  | 7.0 | 5.7 |      |
| SUNSHINE 2                | 6.7              | 5.0                          | 4.7             | 6.0  | 6.7  | 4.3  | 4.0  | 5.3  | 6.3  | 7.7  | 6.7 | 5.7 |      |
| O4-BEN                    | 5.7              | 5.0                          | 5.3             | 5.7  | 6.3  | 4.0  | 3.7  | 5.7  | 6.0  | 6.7  | 6.7 | 5.6 |      |
| BAR LP 4420               | 6.3              | 5.3                          | 5.0             | 6.0  | 6.7  | 4.7  | 4.0  | 6.0  | 5.7  | 6.3  | 6.0 | 5.6 |      |
| PST-2LAN                  | 4.7              | 5.0                          | 4.3             | 5.3  | 5.7  | 5.0  | 5.0  | 5.7  | 5.7  | 7.0  | 6.7 | 5.6 |      |
| PANTHER                   | 4.7              | 4.0                          | 5.0             | 6.0  | 5.3  | 5.0  | 3.7  | 5.0  | 5.3  | 6.7  | 6.0 | 5.3 |      |
| LPR 02203                 | 4.3              | 4.0                          | 5.0             | 5.7  | 5.3  | 4.0  | 4.3  | 5.0  | 5.3  | 6.0  | 6.3 | 5.2 |      |
| AFFINITY                  | 4.0              | 4.7                          | 3.3             | 5.0  | 4.3  | 4.0  | 4.7  | 4.3  | 5.3  | 5.3  | 5.7 | 4.7 |      |
| PINNACLE                  | 3.7              | 4.0                          | 3.3             | 4.7  | 4.3  | 4.3  | 4.7  | 4.3  | 4.7  | 5.0  | 5.0 | 4.5 |      |
| PREMIER                   | 3.7              | 4.0                          | 2.7             | 4.3  | 5.0  | 4.0  | 4.0  | 4.0  | 4.7  | 5.3  | 5.7 | 4.4 |      |
| LINN                      | 3.0              | 2.7                          | 3.0             | 4.0  | 3.0  | 2.7  | 3.0  | 3.7  | 3.3  | 3.7  | 4.7 | 3.4 |      |
| LSD VALUE                 | 1.2              | 3.3                          | 1.6             | 1.7  | 1.2  | 1.2  | 1.4  | 1.4  | 1.6  | 1.4  | 1.2 | 0.7 |      |
| C.V. (%)                  | 11.8             | 26.3                         | 15.9            | 14.1 | 10.5 | 12.7 | 14.6 | 12.4 | 13.0 | 10.6 | 8.7 | 6.8 |      |

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 13.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT FARGO, ND 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                               | GENETIC<br>COLOR | SPRING<br>GREENUP | SEEDLING<br>VIGOR | DENSITY<br>SPRING | DENSITY<br>SUMMER | DENSITY<br>FALL | PERCENT<br>COVER<br>SUMMER | PERCENT<br>COVER<br>FALL | PERCENT<br>WINTER<br>KILL | QUALITY RATINGS |     |     |     |     |     |     | MEAN |
|------------------------------------|------------------|-------------------|-------------------|-------------------|-------------------|-----------------|----------------------------|--------------------------|---------------------------|-----------------|-----|-----|-----|-----|-----|-----|------|
|                                    |                  |                   |                   |                   |                   |                 |                            |                          |                           | MAY             | JUN | JUL | AUG | SEP | OCT |     |      |
| PALMER IV                          | 7.0              | 6.0               | 6.0               | 5.0               | 6.7               | 6.3             | 80.0                       | 88.3                     | 30.0                      | 5.7             | 6.3 | 5.0 | 5.3 | 5.3 | 6.0 | 5.6 |      |
| REVENGE GLX (JR-348)               | 7.0              | 6.0               | 6.0               | 5.3               | 6.3               | 6.3             | 85.0                       | 88.3                     | 26.7                      | 5.0             | 5.3 | 5.0 | 5.3 | 5.7 | 6.0 | 5.4 |      |
| MACH I                             | 7.0              | 5.7               | 6.0               | 5.0               | 6.3               | 5.3             | 81.7                       | 88.0                     | 53.3                      | 5.3             | 5.7 | 4.7 | 5.3 | 5.7 | 6.0 | 5.4 |      |
| ARR 1664                           | 7.0              | 5.7               | 6.3               | 6.0               | 6.0               | 6.0             | 80.0                       | 83.3                     | 51.7                      | 4.0             | 5.7 | 4.7 | 5.3 | 6.0 | 6.0 | 5.3 |      |
| D04-1667                           | 7.0              | 6.0               | 6.3               | 4.7               | 6.3               | 5.7             | 73.3                       | 81.7                     | 36.7                      | 5.0             | 5.3 | 5.0 | 5.3 | 5.3 | 5.7 | 5.3 |      |
| ACCENT II (JR-119)                 | 7.0              | 6.3               | 6.0               | 4.7               | 6.0               | 5.0             | 76.7                       | 86.7                     | 40.0                      | 4.0             | 5.7 | 4.7 | 5.3 | 5.7 | 5.7 | 5.2 |      |
| PANTHER GLS                        | 7.0              | 5.0               | 6.0               | 4.3               | 5.3               | 5.0             | 70.0                       | 78.3                     | 60.0                      | 5.0             | 5.3 | 4.7 | 5.3 | 5.3 | 5.3 | 5.2 |      |
| RG3P                               | 7.0              | 6.0               | 6.0               | 5.0               | 7.0               | 5.7             | 83.0                       | 88.0                     | 42.0                      | 5.0             | 5.7 | 4.7 | 4.7 | 5.3 | 5.7 | 5.2 |      |
| CITATION FORE                      | 7.0              | 4.3               | 6.0               | 4.3               | 6.3               | 5.3             | 83.3                       | 89.7                     | 61.7                      | 4.3             | 5.7 | 5.0 | 5.0 | 5.0 | 5.3 | 5.1 |      |
| KEYSTONE 2 (IS-PR 312)             | 7.0              | 4.7               | 6.0               | 4.7               | 6.0               | 5.3             | 78.3                       | 85.0                     | 60.0                      | 4.3             | 5.3 | 4.3 | 5.0 | 5.7 | 6.0 | 5.1 |      |
| PARAGON GLR                        | 7.0              | 6.3               | 6.0               | 4.7               | 5.7               | 5.3             | 70.7                       | 78.3                     | 56.7                      | 5.0             | 5.3 | 4.7 | 5.0 | 5.0 | 5.7 | 5.1 |      |
| FIESTA 4 (PICK F4)                 | 7.0              | 5.3               | 6.0               | 4.7               | 6.7               | 5.7             | 86.7                       | 91.7                     | 50.0                      | 4.7             | 5.7 | 4.3 | 5.3 | 5.3 | 5.0 | 5.1 |      |
| PST-217                            | 7.0              | 5.0               | 6.0               | 4.7               | 5.7               | 5.3             | 73.3                       | 80.0                     | 46.7                      | 5.0             | 5.7 | 4.3 | 4.7 | 5.0 | 5.7 | 5.1 |      |
| VB77                               | 7.0              | 5.7               | 6.0               | 5.0               | 6.0               | 5.7             | 76.7                       | 83.3                     | 48.3                      | 4.7             | 6.0 | 5.0 | 5.0 | 5.0 | 4.7 | 5.1 |      |
| BRIGHTSTAR SLT                     | 7.0              | 5.0               | 6.0               | 4.3               | 6.3               | 5.0             | 83.3                       | 89.7                     | 62.7                      | 4.3             | 6.0 | 5.0 | 4.0 | 5.0 | 5.7 | 5.0 |      |
| GPR                                | 7.0              | 4.3               | 6.0               | 4.7               | 5.7               | 5.3             | 76.7                       | 85.0                     | 65.0                      | 4.3             | 5.3 | 4.7 | 5.0 | 5.3 | 5.3 | 5.0 |      |
| AF                                 | 7.0              | 6.3               | 6.0               | 4.3               | 6.3               | 6.0             | 71.7                       | 78.3                     | 33.3                      | 4.0             | 5.3 | 4.7 | 4.3 | 5.3 | 5.7 | 4.9 |      |
| CHARISMATIC II GLSR (LTP-PG-GLSR)  | 7.0              | 5.3               | 6.0               | 4.7               | 6.0               | 5.0             | 78.3                       | 88.3                     | 63.3                      | 5.0             | 5.7 | 4.7 | 4.3 | 4.7 | 5.0 | 4.9 |      |
| DCM                                | 7.0              | 5.3               | 6.0               | 4.7               | 5.0               | 5.3             | 73.3                       | 80.0                     | 55.0                      | 4.3             | 5.0 | 4.3 | 5.0 | 5.3 | 5.7 | 4.9 |      |
| DP1                                | 7.0              | 4.3               | 6.0               | 4.3               | 5.7               | 5.7             | 76.7                       | 84.7                     | 76.7                      | 4.0             | 5.3 | 4.3 | 5.0 | 5.3 | 5.3 | 4.9 |      |
| HEADSTART 2                        | 7.0              | 4.7               | 6.0               | 4.3               | 6.0               | 5.3             | 75.0                       | 81.7                     | 56.7                      | 4.0             | 6.0 | 4.7 | 4.0 | 5.0 | 5.7 | 4.9 |      |
| MS2                                | 7.0              | 5.3               | 6.0               | 4.3               | 6.3               | 5.3             | 66.7                       | 78.3                     | 56.7                      | 4.0             | 5.0 | 5.0 | 4.7 | 5.7 | 5.3 | 4.9 |      |
| PICK 02-R                          | 7.0              | 5.7               | 6.0               | 5.0               | 6.0               | 5.3             | 70.0                       | 75.0                     | 36.7                      | 6.3             | 5.0 | 4.7 | 4.7 | 4.7 | 4.3 | 4.9 |      |
| RNS                                | 7.0              | 5.7               | 6.0               | 4.7               | 5.7               | 5.7             | 78.3                       | 84.7                     | 33.3                      | 4.7             | 5.7 | 4.7 | 4.7 | 5.0 | 5.0 | 4.9 |      |
| SR 4600 (SRX 4SP)                  | 7.0              | 5.7               | 6.3               | 4.0               | 6.3               | 5.7             | 78.3                       | 88.3                     | 60.0                      | 5.0             | 5.3 | 4.7 | 4.3 | 5.0 | 5.3 | 4.9 |      |
| HARRIER (SRX 4UP3)                 | 7.0              | 5.3               | 6.3               | 5.3               | 5.3               | 5.0             | 61.7                       | 70.0                     | 60.0                      | 4.7             | 4.7 | 4.7 | 4.7 | 5.3 | 5.3 | 4.9 |      |
| ES45                               | 7.0              | 4.7               | 6.0               | 4.7               | 6.0               | 5.3             | 73.3                       | 81.7                     | 63.3                      | 5.0             | 5.3 | 4.7 | 4.3 | 4.7 | 5.0 | 4.8 |      |
| GL-2                               | 7.0              | 5.0               | 6.3               | 4.3               | 6.0               | 5.3             | 73.3                       | 80.0                     | 53.3                      | 4.3             | 5.3 | 4.3 | 4.3 | 5.0 | 5.3 | 4.8 |      |
| IS-PR 236                          | 7.0              | 4.7               | 6.0               | 5.0               | 5.7               | 5.0             | 78.3                       | 85.0                     | 61.7                      | 5.0             | 5.3 | 4.3 | 4.3 | 5.0 | 5.0 | 4.8 |      |
| PRIMARY (IS-PR 269)                | 7.0              | 5.7               | 6.0               | 5.0               | 5.7               | 5.0             | 76.7                       | 86.7                     | 40.0                      | 5.0             | 5.3 | 4.3 | 4.3 | 4.7 | 5.0 | 4.8 |      |
| ATTRIBUTE (IS-PR 270)              | 7.0              | 4.0               | 6.0               | 4.7               | 6.0               | 5.3             | 78.3                       | 81.7                     | 56.7                      | 4.3             | 5.3 | 4.3 | 5.0 | 4.7 | 5.0 | 4.8 |      |
| GOALKEEPER II (JR-114)             | 7.0              | 5.3               | 6.0               | 3.7               | 6.3               | 5.0             | 85.0                       | 91.3                     | 60.0                      | 4.0             | 5.7 | 4.7 | 4.3 | 4.7 | 5.3 | 4.8 |      |
| ASP6006 (LPFG)                     | 7.0              | 5.3               | 6.3               | 5.0               | 6.7               | 5.3             | 85.0                       | 88.3                     | 46.7                      | 5.3             | 6.0 | 5.0 | 3.7 | 4.3 | 4.7 | 4.8 |      |
| MMW                                | 7.0              | 5.7               | 6.0               | 4.0               | 6.0               | 5.3             | 76.7                       | 83.3                     | 66.7                      | 3.7             | 5.3 | 4.3 | 5.0 | 5.0 | 5.3 | 4.8 |      |
| PROTEGE GLR                        | 7.0              | 5.3               | 6.0               | 5.3               | 6.3               | 6.3             | 86.3                       | 89.7                     | 36.7                      | 4.7             | 5.7 | 4.7 | 4.0 | 4.7 | 5.3 | 4.8 |      |
| REPELL GLS                         | 7.0              | 5.3               | 6.0               | 4.0               | 5.7               | 5.3             | 63.3                       | 71.7                     | 60.0                      | 4.0             | 5.0 | 5.0 | 4.3 | 5.3 | 5.3 | 4.8 |      |
| SECRETARIAT II GLSR (LTP-101-GLSR) | 7.0              | 5.0               | 6.0               | 4.7               | 6.0               | 5.3             | 83.0                       | 84.7                     | 48.3                      | 4.7             | 5.3 | 4.3 | 4.3 | 5.0 | 5.0 | 4.8 |      |
| 04-BRE                             | 7.0              | 4.3               | 6.0               | 3.0               | 6.3               | 6.0             | 76.7                       | 83.3                     | 58.3                      | 3.7             | 5.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 |      |
| AAZ-B104                           | 7.0              | 4.0               | 6.0               | 4.7               | 5.3               | 5.0             | 63.3                       | 71.7                     | 65.0                      | 4.0             | 4.7 | 4.3 | 4.7 | 5.3 | 5.0 | 4.7 |      |
| ASP6005 (AJM)                      | 7.0              | 5.0               | 6.0               | 3.0               | 6.7               | 5.0             | 70.0                       | 80.0                     | 63.3                      | 5.0             | 5.7 | 4.7 | 3.7 | 4.3 | 5.0 | 4.7 |      |
| PHENOM (APR 1660)                  | 7.0              | 5.7               | 6.0               | 4.3               | 5.7               | 5.3             | 73.3                       | 81.7                     | 35.0                      | 4.7             | 5.0 | 4.3 | 4.7 | 4.7 | 4.7 | 4.7 |      |
| BAR LP 4317                        | 7.0              | 5.7               | 6.3               | 4.7               | 5.7               | 5.3             | 65.0                       | 70.0                     | 56.7                      | 3.7             | 4.7 | 4.0 | 5.3 | 5.3 | 5.3 | 4.7 |      |
| D04-LP05                           | 6.7              | 2.7               | 6.3               | 3.7               | 5.3               | 5.0             | 66.7                       | 71.7                     | 65.0                      | 4.0             | 5.3 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 |      |
| INSPIRE                            | 7.0              | 6.0               | 6.0               | 4.7               | 5.7               | 5.0             | 76.7                       | 80.0                     | 43.3                      | 4.3             | 5.3 | 4.7 | 4.0 | 4.7 | 5.0 | 4.7 |      |
| AMAZING GS (IS-PR 276)             | 7.0              | 5.0               | 6.0               | 4.7               | 5.3               | 5.0             | 63.3                       | 70.0                     | 46.7                      | 4.3             | 4.3 | 4.0 | 5.0 | 5.0 | 5.3 | 4.7 |      |
| OVERDRIVE                          | 7.0              | 4.3               | 6.0               | 4.0               | 5.3               | 5.7             | 71.7                       | 80.0                     | 73.3                      | 4.3             | 5.0 | 4.3 | 4.7 | 5.0 | 5.0 | 4.7 |      |
| PENTIUM                            | 7.0              | 3.7               | 6.0               | 3.7               | 5.0               | 4.7             | 66.7                       | 76.7                     | 70.0                      | 4.3             | 5.3 | 5.0 | 4.7 | 4.7 | 4.0 | 4.7 |      |

TABLE 13.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT FARGO, ND 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                          | GENETIC<br>COLOR | SPRING<br>GREENUP | SEEDLING<br>VIGOR | DENSITY<br>SPRING | DENSITY<br>SUMMER | DENSITY<br>FALL | PERCENT<br>COVER<br>SUMMER | PERCENT<br>COVER<br>FALL | PERCENT<br>WINTER<br>KILL | QUALITY RATINGS |     |     |     |     |     | MEAN |
|-------------------------------|------------------|-------------------|-------------------|-------------------|-------------------|-----------------|----------------------------|--------------------------|---------------------------|-----------------|-----|-----|-----|-----|-----|------|
|                               |                  |                   |                   |                   |                   |                 |                            |                          |                           | MAY             | JUN | JUL | AUG | SEP | OCT |      |
| PIZZAZZ                       | 7.0              | 4.7               | 6.0               | 5.0               | 6.0               | 5.0             | 80.0                       | 85.0                     | 53.3                      | 4.3             | 5.7 | 4.3 | 4.3 | 4.3 | 5.3 | 4.7  |
| PWDR                          | 7.0              | 5.0               | 6.0               | 4.7               | 5.7               | 5.0             | 76.7                       | 81.7                     | 66.7                      | 3.7             | 5.3 | 5.0 | 4.0 | 5.0 | 5.0 | 4.7  |
| QUICKSILVER                   | 7.0              | 4.7               | 6.0               | 3.7               | 5.0               | 5.0             | 63.3                       | 73.3                     | 60.0                      | 4.3             | 5.0 | 4.3 | 4.3 | 5.0 | 5.0 | 4.7  |
| SUNSHINE 2                    | 7.0              | 5.3               | 6.0               | 5.0               | 6.3               | 5.3             | 75.0                       | 83.3                     | 46.7                      | 5.3             | 5.3 | 4.3 | 3.7 | 4.7 | 4.7 | 4.7  |
| AFFINITY                      | 5.7              | 3.3               | 6.7               | 4.3               | 5.3               | 5.0             | 71.7                       | 78.3                     | 56.7                      | 5.0             | 4.7 | 4.3 | 4.7 | 4.7 | 4.3 | 4.6  |
| APR 1663                      | 7.0              | 5.3               | 6.3               | 4.3               | 5.3               | 5.0             | 66.7                       | 73.3                     | 43.3                      | 4.0             | 5.0 | 4.7 | 4.7 | 4.7 | 4.7 | 4.6  |
| GALATTI (DP 17-9502)          | 6.0              | 4.7               | 6.0               | 4.7               | 5.0               | 5.0             | 56.7                       | 66.7                     | 53.3                      | 4.7             | 4.7 | 3.7 | 4.7 | 5.0 | 5.0 | 4.6  |
| FUSION                        | 7.0              | 5.0               | 6.0               | 4.3               | 5.0               | 5.7             | 76.7                       | 83.3                     | 50.0                      | 4.0             | 4.7 | 4.0 | 4.7 | 5.3 | 5.0 | 4.6  |
| PICK RB-1                     | 7.0              | 5.3               | 6.0               | 4.3               | 5.7               | 6.0             | 70.0                       | 80.0                     | 56.7                      | 3.7             | 5.3 | 4.7 | 3.7 | 5.0 | 5.0 | 4.6  |
| RAD-PR8                       | 6.3              | 3.0               | 6.0               | 4.0               | 5.7               | 5.0             | 68.3                       | 76.3                     | 85.0                      | 4.0             | 5.0 | 4.7 | 4.3 | 4.7 | 4.7 | 4.6  |
| SP4                           | 7.0              | 6.0               | 6.0               | 5.0               | 6.3               | 5.0             | 78.3                       | 86.7                     | 50.0                      | 4.7             | 5.3 | 4.3 | 4.0 | 4.3 | 4.7 | 4.6  |
| \$ILVER DOLLAR                | 7.0              | 4.0               | 6.0               | 4.0               | 5.3               | 5.0             | 63.3                       | 71.7                     | 71.7                      | 4.0             | 5.0 | 4.7 | 4.3 | 4.3 | 4.7 | 4.5  |
| O4-BEN                        | 7.0              | 5.7               | 6.0               | 4.3               | 5.7               | 5.3             | 66.7                       | 76.7                     | 61.7                      | 4.0             | 4.7 | 4.0 | 4.3 | 5.0 | 5.0 | 4.5  |
| DO4-11T                       | 7.0              | 4.3               | 6.0               | 4.0               | 6.0               | 5.7             | 66.7                       | 75.0                     | 68.3                      | 4.0             | 5.0 | 4.3 | 4.0 | 4.7 | 5.0 | 4.5  |
| MONTEREY 3 (JR-408)           | 7.0              | 4.7               | 6.0               | 4.0               | 6.0               | 5.0             | 70.0                       | 76.7                     | 65.0                      | 4.0             | 5.0 | 4.7 | 4.3 | 4.3 | 4.7 | 4.5  |
| PST-2LAN                      | 7.0              | 4.3               | 6.7               | 4.7               | 5.7               | 4.7             | 75.0                       | 83.3                     | 58.3                      | 4.0             | 5.0 | 4.0 | 4.3 | 4.7 | 5.0 | 4.5  |
| BAR LP 4920                   | 7.0              | 5.3               | 6.0               | 3.0               | 5.7               | 5.0             | 68.3                       | 75.0                     | 73.3                      | 4.7             | 4.7 | 4.0 | 4.3 | 4.7 | 4.3 | 4.4  |
| BUENA VISTA                   | 7.0              | 5.0               | 6.0               | 4.7               | 5.3               | 5.0             | 58.3                       | 65.0                     | 53.3                      | 4.0             | 4.3 | 3.7 | 4.0 | 5.0 | 5.3 | 4.4  |
| PRESIDIO (CNV)                | 7.0              | 4.7               | 6.0               | 4.3               | 5.7               | 5.3             | 83.3                       | 90.0                     | 73.3                      | 3.7             | 5.3 | 4.7 | 3.7 | 4.7 | 4.7 | 4.4  |
| E-99                          | 7.0              | 5.3               | 6.3               | 4.0               | 6.0               | 5.7             | 75.0                       | 78.3                     | 73.3                      | 3.7             | 5.3 | 4.0 | 4.0 | 4.7 | 5.0 | 4.4  |
| EXACTA II GLSR (LTP-611-GLSR) | 7.0              | 5.0               | 6.0               | 2.7               | 5.7               | 6.0             | 61.3                       | 64.7                     | 70.0                      | 4.0             | 5.3 | 4.3 | 4.0 | 4.3 | 4.7 | 4.4  |
| GRAY STAR (PST-2LGL)          | 7.0              | 5.3               | 6.0               | 4.3               | 5.3               | 4.7             | 60.0                       | 70.0                     | 56.7                      | 4.0             | 4.3 | 4.0 | 4.3 | 4.7 | 5.0 | 4.4  |
| L44                           | 7.0              | 3.7               | 6.0               | 5.0               | 5.3               | 5.3             | 68.3                       | 75.0                     | 70.0                      | 5.0             | 5.0 | 4.3 | 3.7 | 4.0 | 4.7 | 4.4  |
| LCK                           | 7.0              | 5.0               | 6.0               | 3.7               | 5.3               | 5.7             | 70.0                       | 78.3                     | 78.3                      | 4.0             | 4.7 | 4.0 | 4.3 | 4.7 | 4.7 | 4.4  |
| DELAWARE XL (PICK 01-2)       | 7.0              | 5.3               | 6.0               | 4.3               | 6.0               | 5.0             | 75.0                       | 83.3                     | 80.0                      | 3.7             | 5.3 | 4.3 | 3.0 | 4.7 | 5.3 | 4.4  |
| PINNACLE II                   | 7.0              | 4.3               | 6.0               | 3.7               | 6.0               | 5.0             | 65.0                       | 71.3                     | 60.0                      | 4.0             | 4.7 | 3.7 | 4.3 | 4.7 | 5.0 | 4.4  |
| PM 103                        | 7.0              | 5.3               | 6.0               | 4.3               | 6.0               | 5.3             | 71.7                       | 81.7                     | 50.0                      | 4.0             | 5.0 | 3.7 | 4.3 | 4.7 | 4.7 | 4.4  |
| ASP6001 (RTS)                 | 7.0              | 4.7               | 6.0               | 4.0               | 5.7               | 5.3             | 66.7                       | 75.0                     | 68.3                      | 4.0             | 5.0 | 4.3 | 4.3 | 4.3 | 4.7 | 4.4  |
| TR47                          | 7.0              | 4.7               | 5.7               | 4.3               | 6.0               | 5.0             | 61.7                       | 71.7                     | 56.7                      | 3.7             | 5.3 | 4.7 | 3.7 | 4.7 | 4.7 | 4.4  |
| ASP6003 (TRS)                 | 7.0              | 3.7               | 6.0               | 3.0               | 5.7               | 4.3             | 50.0                       | 60.0                     | 81.7                      | 3.7             | 4.7 | 4.7 | 4.3 | 4.7 | 4.3 | 4.4  |
| DO4-UP                        | 7.0              | 4.3               | 6.0               | 3.3               | 5.3               | 4.0             | 81.7                       | 91.3                     | 65.0                      | 4.0             | 5.3 | 4.3 | 4.0 | 4.0 | 4.0 | 4.3  |
| ASP6004 (EXS54)               | 7.0              | 4.3               | 6.0               | 3.3               | 5.7               | 5.3             | 70.0                       | 76.7                     | 75.0                      | 2.7             | 5.3 | 4.7 | 3.3 | 4.7 | 5.0 | 4.3  |
| LA QUINTA (JR-255)            | 7.0              | 5.0               | 6.0               | 4.3               | 6.7               | 4.7             | 80.0                       | 86.7                     | 53.3                      | 4.3             | 5.3 | 4.3 | 3.3 | 4.3 | 4.3 | 4.3  |
| CADDIESHACK II (JR-163)       | 7.0              | 6.3               | 6.0               | 4.3               | 5.7               | 5.0             | 68.3                       | 75.0                     | 55.0                      | 3.7             | 5.0 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3  |
| PANTHER                       | 5.0              | 5.0               | 6.3               | 3.3               | 4.7               | 5.0             | 43.3                       | 51.7                     | 73.3                      | 4.3             | 4.3 | 4.0 | 4.3 | 4.7 | 4.3 | 4.3  |
| APR 1648                      | 7.0              | 5.0               | 6.0               | 3.3               | 5.3               | 5.7             | 56.7                       | 63.3                     | 46.3                      | 3.3             | 4.3 | 4.0 | 4.0 | 4.7 | 5.0 | 4.2  |
| APR 1670                      | 7.0              | 4.3               | 6.0               | 3.3               | 5.7               | 4.7             | 73.3                       | 83.3                     | 78.3                      | 2.7             | 5.3 | 4.0 | 4.0 | 4.7 | 4.7 | 4.2  |
| BAR LP 4420                   | 7.0              | 3.7               | 6.0               | 4.3               | 4.7               | 5.3             | 60.0                       | 71.7                     | 73.3                      | 3.3             | 4.7 | 4.0 | 4.3 | 4.7 | 4.0 | 4.2  |
| KOKOMO II (IS-PR 235)         | 7.0              | 3.7               | 6.0               | 3.3               | 5.3               | 5.0             | 58.3                       | 63.3                     | 73.3                      | 3.7             | 4.7 | 3.7 | 4.3 | 4.3 | 4.3 | 4.2  |
| PM 101                        | 7.0              | 4.3               | 6.0               | 4.0               | 6.3               | 5.3             | 60.0                       | 65.0                     | 58.3                      | 4.0             | 4.7 | 3.7 | 4.0 | 4.3 | 4.3 | 4.2  |
| PST-2GSM                      | 7.0              | 4.7               | 6.0               | 4.3               | 5.7               | 5.3             | 61.7                       | 65.0                     | 46.7                      | 3.7             | 4.3 | 3.7 | 4.3 | 4.7 | 4.7 | 4.2  |
| PST-2MNG                      | 7.0              | 3.7               | 4.7               | 4.0               | 5.3               | 5.3             | 66.7                       | 73.3                     | 60.0                      | 3.7             | 4.7 | 3.7 | 3.3 | 4.7 | 5.0 | 4.2  |
| LINE DRIVE GLS (APR 1797)     | 7.0              | 3.3               | 6.0               | 3.3               | 5.3               | 5.3             | 60.0                       | 68.3                     | 85.0                      | 3.7             | 4.7 | 4.3 | 3.3 | 4.3 | 4.3 | 4.1  |
| DERBY XTREME (IS-PR 268)      | 7.0              | 3.7               | 6.0               | 3.0               | 4.7               | 5.3             | 60.0                       | 69.7                     | 70.0                      | 3.0             | 4.0 | 3.7 | 4.3 | 4.7 | 4.7 | 4.1  |
| SRX 4682                      | 7.0              | 4.0               | 6.0               | 3.7               | 4.3               | 4.0             | 51.7                       | 60.0                     | 61.7                      | 3.0             | 4.0 | 3.7 | 4.7 | 4.7 | 4.3 | 4.1  |
| VB99                          | 7.0              | 5.3               | 6.0               | 3.7               | 6.0               | 5.0             | 70.0                       | 76.7                     | 68.3                      | 3.7             | 5.3 | 4.3 | 3.7 | 3.7 | 3.7 | 4.1  |
| BARLENNIUM                    | 7.0              | 2.7               | 6.0               | 3.7               | 5.0               | 4.3             | 61.7                       | 71.7                     | 81.7                      | 3.0             | 4.3 | 3.7 | 4.3 | 4.3 | 4.3 | 4.0  |

TABLE 13.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT FARGO, ND 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                      | GENETIC<br>COLOR | SPRING<br>GREENUP | SEEDLING<br>VIGOR | DENSITY<br>SPRING | DENSITY<br>SUMMER | DENSITY<br>FALL | PERCENT<br>COVER<br>SUMMER | PERCENT<br>COVER<br>FALL | PERCENT<br>WINTER<br>KILL | MAY  | JUN  | QUALITY RATINGS |      |      |      |      | MEAN |
|---------------------------|------------------|-------------------|-------------------|-------------------|-------------------|-----------------|----------------------------|--------------------------|---------------------------|------|------|-----------------|------|------|------|------|------|
|                           |                  |                   |                   |                   |                   |                 |                            |                          |                           |      |      | JUL             | AUG  | SEP  | OCT  |      |      |
| SNR                       | 7.0              | 4.3               | 6.0               | 3.3               | 5.0               | 5.3             | 63.3                       | 71.7                     | 68.3                      | 4.3  | 4.7  | 4.0             | 2.3  | 4.3  | 4.3  | 4.0  |      |
| ASP6002 (BPR)             | 7.0              | 3.7               | 6.0               | 3.3               | 6.0               | 5.3             | 61.7                       | 68.3                     | 76.7                      | 3.7  | 4.7  | 4.0             | 3.3  | 4.0  | 4.0  | 3.9  |      |
| ALL*STAR 3 (IS-PR 274)    | 7.0              | 3.7               | 6.0               | 3.0               | 4.7               | 6.0             | 40.0                       | 46.7                     | 66.3                      | 3.3  | 3.3  | 3.3             | 4.3  | 4.7  | 4.3  | 3.9  |      |
| TOP GUN II (JR-324)       | 7.0              | 4.3               | 6.0               | 4.0               | 4.7               | 5.0             | 53.3                       | 63.3                     | 43.0                      | 3.3  | 4.3  | 3.7             | 4.0  | 4.3  | 3.7  | 3.9  |      |
| PRG HS-01-09              | 7.0              | 4.0               | 6.0               | 3.0               | 4.3               | 4.3             | 48.3                       | 55.0                     | 76.3                      | 3.0  | 4.0  | 4.0             | 3.7  | 4.3  | 4.7  | 3.9  |      |
| PS-2                      | 7.0              | 3.0               | 6.0               | 2.7               | 4.3               | 4.3             | 50.0                       | 60.0                     | 68.3                      | 3.0  | 4.0  | 4.0             | 3.7  | 4.7  | 4.3  | 3.9  |      |
| PST-2AG4                  | 7.0              | 3.7               | 4.7               | 3.3               | 5.0               | 5.3             | 51.7                       | 58.3                     | 61.7                      | 3.7  | 4.3  | 4.0             | 3.3  | 3.7  | 4.3  | 3.9  |      |
| MANHATTAN 5 GLR (PST-2AM) | 7.0              | 4.7               | 6.0               | 3.7               | 5.3               | 4.7             | 60.0                       | 68.3                     | 65.0                      | 3.0  | 4.3  | 3.7             | 3.3  | 4.3  | 5.0  | 3.9  |      |
| PST-2BLK                  | 7.0              | 4.3               | 6.0               | 3.7               | 6.3               | 5.0             | 70.0                       | 78.3                     | 70.0                      | 3.3  | 4.7  | 3.7             | 3.7  | 4.0  | 4.0  | 3.9  |      |
| LPR 02203                 | 5.0              | 2.7               | 6.3               | 1.7               | 4.0               | 4.3             | 53.3                       | 60.0                     | 85.0                      | 2.7  | 3.7  | 4.0             | 3.7  | 4.3  | 4.3  | 3.8  |      |
| SRX 4692                  | 7.0              | 3.3               | 6.0               | 3.3               | 5.3               | 4.3             | 61.7                       | 68.3                     | 80.0                      | 3.0  | 4.3  | 3.7             | 3.7  | 4.0  | 4.0  | 3.8  |      |
| DP 17-9499                | 7.0              | 3.7               | 6.0               | 3.3               | 4.7               | 4.7             | 56.7                       | 65.0                     | 75.0                      | 3.0  | 4.7  | 3.3             | 3.3  | 3.7  | 4.0  | 3.7  |      |
| PALMER III                | 7.0              | 4.0               | 6.0               | 3.7               | 4.7               | 5.0             | 46.7                       | 55.0                     | 74.0                      | 2.3  | 3.3  | 3.3             | 4.0  | 4.7  | 4.7  | 3.7  |      |
| PREMIER                   | 5.0              | 2.7               | 6.7               | 3.0               | 4.7               | 4.3             | 51.7                       | 60.0                     | 90.0                      | 4.0  | 3.7  | 3.3             | 3.3  | 4.0  | 4.0  | 3.7  |      |
| HALO (KN42)               | 7.0              | 3.7               | 6.0               | 3.3               | 4.7               | 4.7             | 58.3                       | 70.0                     | 78.3                      | 2.7  | 4.3  | 3.7             | 2.3  | 4.0  | 4.3  | 3.6  |      |
| CABO II (IS-PR 233)       | 7.0              | 3.3               | 6.0               | 2.3               | 5.0               | 4.7             | 53.3                       | 61.7                     | 88.3                      | 2.7  | 4.3  | 3.7             | 3.0  | 4.0  | 3.7  | 3.6  |      |
| PALACE (IS-PR 273)        | 7.0              | 4.0               | 6.0               | 2.7               | 4.7               | 5.0             | 50.0                       | 60.0                     | 88.3                      | 2.7  | 3.7  | 3.3             | 3.7  | 4.0  | 4.3  | 3.6  |      |
| PINNACLE                  | 5.0              | 3.7               | 6.3               | 4.0               | 4.3               | 4.0             | 36.7                       | 45.0                     | 63.3                      | 3.3  | 3.0  | 3.0             | 3.7  | 4.0  | 4.3  | 3.6  |      |
| PREMIER II                | 5.0              | 3.0               | 6.0               | 3.3               | 4.7               | 4.0             | 50.0                       | 58.3                     | 85.0                      | 3.0  | 4.3  | 3.7             | 3.0  | 4.0  | 3.7  | 3.6  |      |
| PM 102                    | 7.0              | 3.0               | 6.0               | 4.0               | 4.7               | 4.3             | 40.0                       | 50.0                     | 90.0                      | 2.0  | 3.3  | 3.7             | 3.7  | 4.3  | 4.0  | 3.5  |      |
| REGAL 5 (IS-PR 271)       | 7.0              | 3.7               | 6.0               | 1.7               | 4.3               | 4.7             | 56.0                       | 60.0                     | 63.0                      | 2.3  | 4.0  | 3.7             | 2.7  | 3.7  | 4.3  | 3.4  |      |
| PIANIST (DP 17-9505)      | 7.0              | 2.7               | 6.0               | 3.0               | 4.0               | 4.0             | 73.3                       | 80.0                     | 76.3                      | 2.0  | 3.0  | 3.0             | 3.7  | 4.3  | 3.7  | 3.3  |      |
| AC2                       | 7.0              | 2.0               | 6.0               | 2.0               | 3.0               | 2.7             | 30.0                       | 40.0                     | 89.3                      | 3.0  | 2.3  | 2.7             | 2.3  | 3.3  | 3.0  | 2.8  |      |
| DP 17-9788                | 7.0              | 4.0               | 6.0               | 2.7               | 3.7               | 3.0             | 38.3                       | 45.0                     | 81.3                      | 2.0  | 2.7  | 2.3             | 2.3  | 2.7  | 3.0  | 2.5  |      |
| LINN                      | 4.0              | 2.7               | 7.3               | 1.0               | 2.3               | 2.3             | 11.7                       | 20.0                     | 97.7                      | 1.3  | 2.0  | 2.3             | 2.0  | 2.7  | 2.7  | 2.2  |      |
| LSD VALUE                 | 0.2              | 4.3               | 1.2               | 2.0               | 3.1               | 1.3             | 51.0                       | 46.7                     | 90.0                      | 2.0  | 1.6  | 1.3             | 1.7  | 1.7  | 2.1  | 1.2  |      |
| C.V. (%)                  | 2.3              | 31.6              | 6.6               | 25.5              | 20.2              | 13.7            | 28.0                       | 23.8                     | 38.1                      | 25.6 | 17.8 | 15.6            | 20.4 | 16.0 | 18.5 | 14.4 |      |

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 14.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT MEAD, NE 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                          | GENETIC<br>COLOR | SPRING<br>GREENUP | DENSITY<br>SPRING | DENSITY<br>SUMMER | DENSITY<br>FALL | QUALITY RATINGS |     |     |     |     |     |     | MEAN |
|-------------------------------|------------------|-------------------|-------------------|-------------------|-----------------|-----------------|-----|-----|-----|-----|-----|-----|------|
|                               |                  |                   |                   |                   |                 | APR             | MAY | JUN | JUL | AUG | SEP | OCT |      |
| PM 103                        | 8.7              | 3.7               | 8.7               | 9.0               | 8.7             | 7.7             | 7.7 | 7.3 | 7.0 | 8.0 | 8.3 | 8.3 | 7.8  |
| MACH I                        | 8.3              | 4.3               | 9.0               | 8.7               | 9.0             | 7.3             | 7.7 | 7.0 | 7.7 | 8.0 | 8.0 | 8.0 | 7.7  |
| DERBY XTREME (IS-PR 268)      | 8.0              | 3.7               | 9.0               | 9.0               | 9.0             | 7.0             | 7.0 | 7.3 | 7.0 | 7.7 | 8.3 | 7.7 | 7.4  |
| PARAGON GLR                   | 7.3              | 5.3               | 9.0               | 9.0               | 8.3             | 7.0             | 7.7 | 6.3 | 6.3 | 7.3 | 8.7 | 8.3 | 7.4  |
| PRESIDIO (CNV)                | 8.3              | 4.0               | 9.0               | 9.0               | 8.3             | 7.3             | 7.3 | 6.7 | 6.7 | 8.3 | 7.7 | 7.3 | 7.3  |
| ALL*STAR 3 (IS-PR 274)        | 8.0              | 5.0               | 9.0               | 9.0               | 7.0             | 6.7             | 7.3 | 7.7 | 6.7 | 7.0 | 7.3 | 7.0 | 7.1  |
| PM 101                        | 8.7              | 4.0               | 8.3               | 8.7               | 8.3             | 6.3             | 7.0 | 6.7 | 6.7 | 7.0 | 8.0 | 8.0 | 7.1  |
| GL-2                          | 7.3              | 4.0               | 9.0               | 9.0               | 8.7             | 7.3             | 6.7 | 7.0 | 6.0 | 7.0 | 7.7 | 7.0 | 7.0  |
| PINNACLE II                   | 8.0              | 4.3               | 9.0               | 8.7               | 9.0             | 7.3             | 7.7 | 7.3 | 5.7 | 6.7 | 7.0 | 7.3 | 7.0  |
| APR 1648                      | 8.7              | 4.0               | 8.7               | 8.3               | 8.0             | 6.3             | 6.7 | 6.7 | 7.0 | 7.0 | 7.7 | 6.7 | 6.9  |
| DO4-11T                       | 7.3              | 5.3               | 8.3               | 8.7               | 8.3             | 6.3             | 7.0 | 6.7 | 6.3 | 6.3 | 7.7 | 7.7 | 6.9  |
| MMW                           | 7.3              | 4.7               | 8.7               | 8.7               | 8.3             | 6.7             | 7.0 | 6.3 | 7.0 | 6.3 | 7.0 | 7.7 | 6.9  |
| ASP6001 (RTS)                 | 8.7              | 3.3               | 9.0               | 8.7               | 7.7             | 8.0             | 6.7 | 6.7 | 5.7 | 5.7 | 7.7 | 7.7 | 6.9  |
| AC2                           | 8.7              | 4.7               | 8.3               | 8.3               | 7.7             | 7.0             | 7.0 | 7.3 | 6.0 | 6.0 | 7.0 | 7.0 | 6.8  |
| DELAWARE XL (PICK 01-2)       | 8.3              | 3.3               | 9.0               | 9.0               | 8.7             | 6.3             | 6.7 | 7.7 | 6.3 | 6.3 | 7.3 | 7.0 | 6.8  |
| PICK 02-R                     | 9.0              | 3.3               | 8.7               | 8.7               | 7.7             | 6.3             | 6.7 | 7.3 | 5.7 | 5.7 | 8.0 | 7.7 | 6.8  |
| \$ILVER DOLLAR                | 8.3              | 5.3               | 8.7               | 9.0               | 8.0             | 6.3             | 6.3 | 7.0 | 6.7 | 6.7 | 7.0 | 7.0 | 6.7  |
| DCM                           | 7.3              | 2.7               | 8.7               | 9.0               | 8.7             | 6.7             | 7.0 | 6.3 | 6.3 | 6.7 | 7.0 | 6.7 | 6.7  |
| DP 17-9499                    | 8.3              | 4.3               | 8.7               | 8.7               | 7.7             | 7.0             | 7.0 | 7.0 | 6.0 | 5.7 | 7.0 | 7.3 | 6.7  |
| PALACE (IS-PR 273)            | 8.0              | 4.7               | 8.3               | 8.7               | 7.7             | 6.3             | 6.3 | 6.7 | 6.0 | 6.7 | 7.7 | 7.0 | 6.7  |
| OVERDRIVE                     | 7.3              | 2.3               | 8.3               | 8.7               | 8.3             | 6.3             | 7.0 | 6.7 | 7.0 | 6.3 | 7.0 | 6.7 | 6.7  |
| FIESTA 4 (PICK F4)            | 8.0              | 4.7               | 8.0               | 8.3               | 8.0             | 5.7             | 6.7 | 6.7 | 6.0 | 7.0 | 7.7 | 7.3 | 6.7  |
| TR47                          | 9.0              | 3.0               | 8.7               | 8.7               | 7.7             | 6.7             | 6.7 | 6.7 | 5.7 | 6.7 | 7.0 | 7.7 | 6.7  |
| EXACTA II GLSR (LTP-611-GLSR) | 7.0              | 4.7               | 8.7               | 8.7               | 7.3             | 7.0             | 6.7 | 5.7 | 5.7 | 6.0 | 7.7 | 7.7 | 6.6  |
| REVENGE GLX (JR-348)          | 8.0              | 5.0               | 8.3               | 8.7               | 8.0             | 6.7             | 5.7 | 6.3 | 6.7 | 6.7 | 7.3 | 7.0 | 6.6  |
| PALMER IV                     | 7.3              | 4.7               | 9.0               | 9.0               | 7.3             | 6.7             | 6.3 | 6.0 | 6.0 | 7.0 | 6.7 | 7.3 | 6.6  |
| PRG HS-01-09                  | 8.7              | 3.0               | 8.3               | 8.3               | 7.3             | 6.0             | 6.7 | 6.7 | 6.7 | 6.7 | 7.3 | 6.0 | 6.6  |
| SUNSHINE 2                    | 8.3              | 3.7               | 8.3               | 8.3               | 8.0             | 6.3             | 7.0 | 7.0 | 5.7 | 6.0 | 8.0 | 6.3 | 6.6  |
| BAR LP 4420                   | 8.0              | 4.3               | 8.7               | 8.3               | 8.0             | 7.0             | 7.0 | 6.3 | 5.7 | 5.7 | 7.0 | 7.0 | 6.5  |
| DO4-UP                        | 7.0              | 4.0               | 8.7               | 8.7               | 8.7             | 6.3             | 6.7 | 5.3 | 6.3 | 6.7 | 7.3 | 6.7 | 6.5  |
| KOKOMO II (IS-PR 235)         | 8.0              | 4.0               | 8.0               | 8.3               | 8.3             | 6.0             | 6.3 | 5.7 | 6.3 | 6.0 | 7.7 | 7.7 | 6.5  |
| RG3P                          | 7.7              | 3.7               | 8.3               | 9.0               | 8.0             | 6.0             | 6.0 | 6.0 | 7.3 | 6.7 | 6.7 | 6.7 | 6.5  |
| VB77                          | 8.3              | 3.7               | 8.3               | 8.3               | 7.3             | 6.0             | 6.7 | 6.0 | 5.7 | 6.0 | 7.3 | 7.7 | 6.5  |
| LINE DRIVE GLS (APR 1797)     | 7.3              | 4.3               | 8.0               | 8.3               | 8.0             | 7.7             | 6.3 | 5.7 | 5.7 | 5.7 | 7.0 | 6.7 | 6.4  |
| BAR LP 4920                   | 7.7              | 3.0               | 8.7               | 8.3               | 7.0             | 7.3             | 6.3 | 6.7 | 6.0 | 5.7 | 6.3 | 6.7 | 6.4  |
| DO4-1667                      | 7.3              | 4.3               | 8.3               | 8.7               | 7.7             | 6.7             | 6.7 | 6.3 | 6.3 | 6.3 | 6.7 | 6.0 | 6.4  |
| E-99                          | 7.3              | 4.0               | 8.7               | 8.7               | 8.3             | 6.3             | 6.0 | 5.7 | 6.7 | 7.0 | 7.0 | 6.3 | 6.4  |
| PICK RB-1                     | 8.0              | 3.0               | 8.7               | 8.7               | 7.7             | 6.3             | 7.0 | 5.3 | 6.7 | 6.3 | 6.3 | 6.7 | 6.4  |
| PWDR                          | 8.3              | 4.0               | 8.7               | 8.7               | 6.7             | 6.3             | 6.3 | 6.3 | 5.7 | 6.3 | 7.0 | 6.7 | 6.4  |
| ASP6005 (AJM)                 | 9.0              | 4.3               | 8.3               | 8.3               | 6.7             | 6.7             | 6.7 | 5.7 | 5.3 | 6.0 | 6.7 | 7.3 | 6.3  |
| PIZZAZZ                       | 7.3              | 3.0               | 8.3               | 8.7               | 7.3             | 7.0             | 6.7 | 6.3 | 6.0 | 6.0 | 6.0 | 6.3 | 6.3  |
| RNS                           | 7.0              | 5.0               | 9.0               | 9.0               | 8.7             | 7.3             | 6.7 | 6.3 | 6.0 | 5.7 | 6.0 | 6.0 | 6.3  |
| ASP6003 (TRS)                 | 9.0              | 3.0               | 8.3               | 8.0               | 6.3             | 6.0             | 6.3 | 6.0 | 6.0 | 6.0 | 7.0 | 7.0 | 6.3  |
| 04-BEN                        | 7.3              | 4.0               | 8.3               | 9.0               | 8.3             | 6.3             | 6.3 | 6.3 | 5.7 | 5.0 | 7.3 | 6.7 | 6.2  |
| ES45                          | 8.0              | 3.0               | 8.0               | 8.0               | 7.3             | 6.0             | 6.3 | 6.0 | 5.3 | 5.3 | 7.3 | 7.3 | 6.2  |
| ASP6004 (EXS54)               | 9.0              | 5.0               | 8.3               | 8.0               | 7.0             | 6.3             | 6.0 | 6.3 | 5.3 | 5.3 | 7.0 | 7.0 | 6.2  |
| CABO II (IS-PR 233)           | 8.7              | 4.7               | 8.7               | 7.7               | 7.7             | 6.7             | 6.0 | 6.0 | 5.0 | 5.0 | 7.7 | 7.0 | 6.2  |

TABLE 14.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT MEAD, NE 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                               | GENETIC<br>COLOR | SPRING<br>GREENUP | DENSITY<br>SPRING | DENSITY<br>SUMMER | DENSITY<br>FALL | QUALITY RATINGS |     |     |     |     |     |     | MEAN |
|------------------------------------|------------------|-------------------|-------------------|-------------------|-----------------|-----------------|-----|-----|-----|-----|-----|-----|------|
|                                    |                  |                   |                   |                   |                 | APR             | MAY | JUN | JUL | AUG | SEP | OCT |      |
| PANTHER GLS                        | 7.0              | 4.7               | 8.3               | 9.0               | 8.0             | 7.0             | 6.3 | 5.7 | 5.7 | 5.3 | 6.7 | 6.7 | 6.2  |
| PM 102                             | 9.0              | 3.7               | 8.7               | 8.0               | 7.7             | 6.3             | 6.7 | 5.7 | 4.7 | 5.7 | 7.3 | 7.0 | 6.2  |
| PS-2                               | 7.7              | 3.0               | 8.7               | 8.7               | 8.0             | 6.3             | 6.3 | 6.3 | 6.0 | 6.0 | 6.7 | 5.7 | 6.2  |
| SP4                                | 8.7              | 3.7               | 8.0               | 8.0               | 6.7             | 6.7             | 6.0 | 6.0 | 6.3 | 5.0 | 6.7 | 6.7 | 6.2  |
| DP1                                | 7.3              | 4.3               | 8.3               | 8.3               | 7.0             | 6.3             | 5.3 | 6.3 | 6.0 | 5.0 | 6.3 | 7.3 | 6.1  |
| FUSION                             | 8.3              | 3.7               | 7.7               | 8.0               | 7.7             | 5.7             | 5.3 | 5.7 | 6.3 | 5.7 | 7.3 | 7.0 | 6.1  |
| PRIMARY (IS-PR 269)                | 7.3              | 4.0               | 8.7               | 8.7               | 7.3             | 6.7             | 6.0 | 6.0 | 5.7 | 5.7 | 6.7 | 6.3 | 6.1  |
| SNR                                | 9.0              | 3.3               | 8.3               | 8.3               | 6.7             | 6.3             | 6.0 | 6.3 | 5.3 | 5.0 | 7.0 | 7.0 | 6.1  |
| O4-BRE                             | 7.7              | 3.3               | 8.0               | 8.3               | 8.0             | 6.3             | 5.7 | 6.3 | 5.3 | 5.0 | 7.0 | 6.0 | 6.0  |
| ARR 1664                           | 7.3              | 3.7               | 8.3               | 8.7               | 8.3             | 6.0             | 6.0 | 5.3 | 6.0 | 5.3 | 6.7 | 6.7 | 6.0  |
| ASP6002 (BPR)                      | 9.0              | 3.0               | 7.7               | 7.7               | 6.0             | 5.3             | 6.0 | 5.7 | 5.7 | 5.3 | 7.0 | 7.0 | 6.0  |
| BUENA VISTA                        | 6.7              | 4.0               | 8.3               | 8.7               | 8.0             | 6.0             | 5.7 | 5.7 | 6.3 | 5.3 | 6.7 | 6.0 | 6.0  |
| PIANIST (DP 17-9505)               | 7.3              | 4.0               | 9.0               | 8.7               | 8.0             | 6.0             | 7.3 | 6.0 | 5.7 | 4.7 | 6.7 | 6.0 | 6.0  |
| GPR                                | 9.0              | 3.0               | 8.3               | 8.3               | 6.7             | 5.3             | 6.0 | 5.7 | 5.7 | 5.7 | 7.0 | 6.7 | 6.0  |
| HALO (KN42)                        | 9.0              | 4.0               | 8.0               | 8.0               | 7.3             | 6.3             | 5.7 | 5.7 | 5.0 | 5.3 | 7.3 | 6.7 | 6.0  |
| IS-PR 236                          | 7.7              | 3.7               | 8.3               | 8.3               | 6.7             | 6.0             | 6.0 | 5.3 | 5.3 | 5.3 | 6.7 | 7.3 | 6.0  |
| ATTRIBUTE (IS-PR 270)              | 7.3              | 4.0               | 8.0               | 8.3               | 8.0             | 6.0             | 6.3 | 4.7 | 5.7 | 6.0 | 6.7 | 7.0 | 6.0  |
| KEYSTONE 2 (IS-PR 312)             | 7.3              | 4.0               | 8.7               | 8.7               | 7.0             | 6.7             | 5.0 | 6.7 | 6.3 | 5.7 | 6.3 | 5.7 | 6.0  |
| ACCENT II (JR-119)                 | 7.3              | 4.3               | 9.0               | 8.7               | 8.7             | 6.7             | 6.0 | 6.0 | 5.7 | 5.7 | 6.3 | 6.0 | 6.0  |
| TOP GUN II (JR-324)                | 8.3              | 5.7               | 8.7               | 8.0               | 7.0             | 5.7             | 6.3 | 6.7 | 6.0 | 6.0 | 6.0 | 5.7 | 6.0  |
| LCK                                | 7.3              | 2.3               | 8.0               | 8.3               | 7.3             | 6.0             | 6.0 | 5.0 | 6.3 | 7.0 | 6.3 | 5.7 | 6.0  |
| PALMER III                         | 6.7              | 4.3               | 8.7               | 9.0               | 8.0             | 6.7             | 6.0 | 6.3 | 5.3 | 6.0 | 6.3 | 5.3 | 6.0  |
| PST-2MNG                           | 7.3              | 4.7               | 8.3               | 8.7               | 8.0             | 5.7             | 5.7 | 6.3 | 5.7 | 5.3 | 7.0 | 6.7 | 6.0  |
| SECRETARIAT II GLSR (LTP-101-GLSR) | 7.0              | 3.0               | 8.0               | 8.3               | 8.0             | 6.0             | 5.3 | 6.0 | 6.0 | 5.7 | 6.3 | 6.7 | 6.0  |
| APR 1663                           | 7.0              | 4.0               | 8.7               | 9.0               | 8.7             | 6.0             | 6.0 | 5.3 | 6.0 | 5.3 | 6.3 | 6.3 | 5.9  |
| CITATION FORE                      | 7.0              | 4.0               | 8.7               | 8.7               | 8.0             | 6.0             | 5.7 | 6.0 | 5.3 | 5.3 | 6.3 | 6.3 | 5.9  |
| REGAL 5 (IS-PR 271)                | 9.0              | 3.3               | 8.0               | 8.0               | 6.3             | 5.0             | 6.0 | 6.0 | 6.0 | 5.7 | 6.3 | 6.0 | 5.9  |
| MONTEREY 3 (JR-408)                | 7.7              | 3.7               | 8.3               | 8.0               | 7.7             | 6.3             | 6.7 | 6.3 | 5.7 | 5.3 | 6.0 | 5.0 | 5.9  |
| PROTEGE GLR                        | 7.3              | 4.0               | 8.0               | 8.3               | 7.7             | 5.7             | 5.3 | 4.7 | 4.7 | 6.3 | 7.3 | 7.0 | 5.9  |
| PST-217                            | 7.3              | 3.0               | 8.3               | 8.3               | 6.7             | 6.0             | 5.3 | 6.3 | 5.3 | 5.7 | 6.3 | 6.3 | 5.9  |
| PST-2AG4                           | 8.3              | 4.7               | 8.7               | 8.0               | 7.3             | 6.3             | 6.3 | 6.0 | 5.0 | 4.7 | 6.3 | 6.3 | 5.9  |
| MANHATTAN 5 GLR (PST-2AM)          | 7.0              | 3.0               | 8.3               | 8.7               | 7.7             | 6.7             | 5.7 | 5.3 | 5.7 | 5.3 | 6.3 | 6.3 | 5.9  |
| QUICKSILVER                        | 7.7              | 3.0               | 8.7               | 8.0               | 6.7             | 7.3             | 6.3 | 5.3 | 5.3 | 5.0 | 6.0 | 6.0 | 5.9  |
| AF                                 | 7.0              | 4.0               | 8.3               | 8.7               | 8.3             | 5.7             | 5.3 | 4.7 | 5.7 | 5.7 | 6.7 | 6.7 | 5.8  |
| CHARISMATIC II GLSR (LTP-PG-GLSR)  | 7.0              | 4.7               | 8.0               | 8.7               | 8.3             | 5.7             | 5.7 | 5.7 | 5.7 | 5.0 | 6.7 | 6.3 | 5.8  |
| HEADSTART 2                        | 7.7              | 3.7               | 8.3               | 8.0               | 6.7             | 6.3             | 6.3 | 5.3 | 5.0 | 5.0 | 6.7 | 6.0 | 5.8  |
| GOALKEEPER II (JR-114)             | 7.3              | 2.3               | 8.0               | 8.0               | 7.3             | 5.7             | 6.7 | 6.0 | 5.0 | 5.7 | 6.3 | 5.3 | 5.8  |
| ASP6006 (LPFG)                     | 8.7              | 3.7               | 7.3               | 7.7               | 6.3             | 5.7             | 5.3 | 5.7 | 5.0 | 5.3 | 6.7 | 6.7 | 5.8  |
| MS2                                | 7.7              | 4.0               | 8.0               | 8.0               | 7.0             | 5.7             | 6.0 | 5.3 | 5.3 | 5.0 | 6.7 | 6.3 | 5.8  |
| PREMIER II                         | 6.7              | 4.0               | 8.3               | 8.7               | 8.3             | 5.0             | 5.3 | 6.3 | 5.7 | 6.7 | 5.7 | 5.7 | 5.8  |
| REPELL GLS                         | 7.0              | 4.3               | 8.7               | 8.7               | 7.0             | 6.3             | 5.7 | 5.3 | 6.0 | 6.0 | 5.7 | 5.7 | 5.8  |
| SR 4600 (SRX 4SP)                  | 7.0              | 4.7               | 8.3               | 9.0               | 7.3             | 6.0             | 5.3 | 5.7 | 5.7 | 5.7 | 5.7 | 6.3 | 5.8  |
| HARRIER (SRX 4UP3)                 | 7.0              | 4.0               | 8.3               | 8.3               | 6.3             | 5.7             | 5.7 | 5.3 | 5.3 | 6.0 | 6.3 | 6.3 | 5.8  |
| VB99                               | 8.7              | 3.0               | 8.0               | 7.3               | 7.0             | 4.7             | 5.7 | 5.3 | 5.0 | 5.0 | 7.3 | 7.3 | 5.8  |
| PHENOM (APR 1660)                  | 7.0              | 5.3               | 8.0               | 8.7               | 7.7             | 5.7             | 5.3 | 5.0 | 6.0 | 5.7 | 6.3 | 6.0 | 5.7  |
| APR 1670                           | 7.0              | 3.3               | 8.0               | 8.0               | 8.0             | 6.0             | 5.7 | 5.7 | 5.3 | 5.0 | 6.7 | 5.7 | 5.7  |
| D04-LP05                           | 7.0              | 4.3               | 7.7               | 8.3               | 7.3             | 5.3             | 5.7 | 5.7 | 5.3 | 5.7 | 6.3 | 5.7 | 5.7  |

TABLE 14.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT MEAD, NE 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                    | GENETIC<br>COLOR | SPRING<br>GREENUP | DENSITY<br>SPRING | DENSITY<br>SUMMER | DENSITY<br>FALL | QUALITY RATINGS |      |      |      |      |      |      | MEAN |
|-------------------------|------------------|-------------------|-------------------|-------------------|-----------------|-----------------|------|------|------|------|------|------|------|
|                         |                  |                   |                   |                   |                 | APR             | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  |      |
| DP 17-9788              | 6.7              | 3.0               | 8.3               | 8.0               | 7.3             | 6.7             | 6.0  | 5.7  | 5.0  | 5.0  | 6.0  | 5.3  | 5.7  |
| AMAZING GS (IS-PR 276)  | 8.0              | 4.7               | 8.3               | 8.3               | 6.0             | 5.7             | 6.0  | 6.3  | 5.0  | 4.7  | 6.0  | 6.0  | 5.7  |
| PST-2LAN                | 7.0              | 3.3               | 8.3               | 8.7               | 7.7             | 5.3             | 6.3  | 6.3  | 5.3  | 5.3  | 5.7  | 5.3  | 5.7  |
| BARLENNIUM              | 7.0              | 3.3               | 7.7               | 8.3               | 7.7             | 5.3             | 5.7  | 6.0  | 5.7  | 5.7  | 6.0  | 5.0  | 5.6  |
| GALATTI (DP 17-9502)    | 7.7              | 3.7               | 8.3               | 7.0               | 6.3             | 6.0             | 6.7  | 6.0  | 4.7  | 4.7  | 5.7  | 5.7  | 5.6  |
| GRAY STAR (PST-2LGL)    | 7.7              | 3.7               | 8.7               | 8.0               | 6.7             | 6.7             | 5.3  | 5.7  | 6.3  | 4.3  | 5.3  | 5.7  | 5.6  |
| PANTHER                 | 6.7              | 4.3               | 8.3               | 8.3               | 7.7             | 6.7             | 5.7  | 6.3  | 5.3  | 5.0  | 5.0  | 5.3  | 5.6  |
| RAD-PR8                 | 7.3              | 3.7               | 8.3               | 8.3               | 7.3             | 5.7             | 5.0  | 6.3  | 6.0  | 4.7  | 6.0  | 5.7  | 5.6  |
| AAZ-B104                | 7.7              | 5.0               | 8.0               | 8.3               | 7.3             | 6.0             | 5.0  | 4.3  | 4.7  | 5.3  | 6.7  | 6.3  | 5.5  |
| BAR LP 4317             | 5.7              | 2.3               | 8.3               | 8.7               | 7.7             | 5.3             | 5.7  | 5.3  | 5.3  | 4.7  | 5.7  | 6.3  | 5.5  |
| INSPIRE                 | 7.3              | 3.0               | 8.3               | 8.7               | 8.0             | 6.0             | 6.0  | 5.0  | 5.0  | 5.3  | 6.3  | 5.0  | 5.5  |
| LA QUINTA (JR-255)      | 8.3              | 3.0               | 7.7               | 7.7               | 6.7             | 5.3             | 5.3  | 5.3  | 5.3  | 5.0  | 6.0  | 5.3  | 5.4  |
| CADDIESHACK II (JR-163) | 7.0              | 2.0               | 7.7               | 8.0               | 7.0             | 5.0             | 5.3  | 5.3  | 5.3  | 5.3  | 6.3  | 5.3  | 5.4  |
| PST-2BLK                | 7.7              | 2.7               | 7.7               | 8.0               | 6.3             | 5.3             | 5.3  | 5.0  | 5.7  | 5.0  | 6.3  | 5.3  | 5.4  |
| PST-2GSM                | 6.7              | 4.3               | 8.3               | 8.3               | 6.3             | 5.3             | 5.7  | 5.3  | 5.3  | 4.7  | 5.7  | 5.7  | 5.4  |
| L44                     | 8.7              | 2.3               | 7.7               | 7.3               | 6.0             | 4.3             | 5.7  | 5.0  | 4.7  | 4.7  | 6.7  | 6.3  | 5.3  |
| BRIGHTSTAR SLT          | 7.0              | 3.3               | 7.7               | 8.0               | 6.3             | 6.0             | 4.7  | 4.7  | 4.3  | 5.0  | 5.7  | 5.3  | 5.1  |
| LPR 02203               | 6.3              | 3.0               | 8.7               | 8.0               | 7.7             | 6.0             | 4.7  | 5.7  | 4.7  | 5.3  | 4.3  | 5.0  | 5.1  |
| SRX 4682                | 6.7              | 3.0               | 8.0               | 8.0               | 7.3             | 6.3             | 5.0  | 5.0  | 5.3  | 4.3  | 4.3  | 4.3  | 5.0  |
| SRX 4692                | 6.7              | 2.7               | 7.7               | 8.0               | 6.7             | 4.7             | 5.0  | 5.3  | 4.7  | 5.3  | 6.0  | 4.3  | 5.0  |
| PENTIUM                 | 6.0              | 2.7               | 7.7               | 8.0               | 7.3             | 3.7             | 4.3  | 5.0  | 5.0  | 5.0  | 5.0  | 4.0  | 4.6  |
| AFFINITY                | 5.0              | 2.7               | 8.0               | 8.3               | 7.7             | 5.7             | 5.0  | 4.0  | 4.3  | 4.3  | 3.7  | 3.3  | 4.3  |
| PREMIER                 | 5.0              | 3.7               | 8.0               | 8.0               | 7.3             | 5.3             | 4.3  | 4.7  | 4.3  | 2.7  | 3.3  | 3.3  | 4.0  |
| PINNACLE                | 5.0              | 3.3               | 7.3               | 7.3               | 7.3             | 3.7             | 3.0  | 3.3  | 3.3  | 2.7  | 3.7  | 2.3  | 3.1  |
| LINN                    | 5.0              | 2.0               | 6.3               | 6.0               | 5.7             | 1.0             | 1.0  | 1.0  | 1.0  | 1.0  | 1.3  | 1.0  | 1.0  |
| LSD VALUE               | 0.7              | 2.6               | 1.4               | 1.1               | 4.2             | 2.6             | 1.5  | 1.3  | 1.7  | 1.7  | 1.7  | 1.8  | 1.1  |
| C.V. (%)                | 6.5              | 28.6              | 7.1               | 6.6               | 15.6            | 18.8            | 14.3 | 13.5 | 16.3 | 17.6 | 14.9 | 16.9 | 10.9 |

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 15.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 2004 NATIONAL PERENNIAL RYEGRASS TEST AT MEAD (ANCILLARY STUDY), NE 1/  
 2005 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                          | GENETIC<br>COLOR | SPRING<br>GREENUP | DENSITY<br>SPRING | DENSITY<br>SUMMER | DENSITY<br>FALL | APR | MAY | QUALITY RATINGS |     |     |     |     | MEAN |
|-------------------------------|------------------|-------------------|-------------------|-------------------|-----------------|-----|-----|-----------------|-----|-----|-----|-----|------|
|                               |                  |                   |                   |                   |                 |     |     | JUN             | JUL | AUG | SEP | OCT |      |
| PICK 02-R                     | 9.0              | 3.3               | 9.0               | 8.7               | 8.3             | 7.7 | 9.0 | 8.0             | 6.3 | 6.7 | 7.7 | 7.0 | 7.5  |
| D04-11T                       | 7.7              | 5.3               | 9.0               | 8.7               | 8.3             | 6.7 | 9.0 | 7.3             | 6.0 | 6.3 | 8.0 | 7.7 | 7.3  |
| FIREBOLT (PRG HS-01-09)       | 8.7              | 4.0               | 9.0               | 8.7               | 8.3             | 6.7 | 9.0 | 7.7             | 6.0 | 6.0 | 8.0 | 7.3 | 7.2  |
| PM 103                        | 7.7              | 4.0               | 8.7               | 8.3               | 8.3             | 6.7 | 8.3 | 7.3             | 6.3 | 6.7 | 8.0 | 7.3 | 7.2  |
| PM 101                        | 8.7              | 5.3               | 8.3               | 8.7               | 8.7             | 6.7 | 8.0 | 8.0             | 6.3 | 6.3 | 7.3 | 7.0 | 7.1  |
| AC2                           | 7.7              | 4.7               | 8.3               | 8.7               | 8.3             | 6.0 | 8.7 | 7.3             | 6.3 | 5.3 | 8.0 | 7.0 | 7.0  |
| APR 1648                      | 8.7              | 4.3               | 8.3               | 8.0               | 7.7             | 6.7 | 8.3 | 8.0             | 5.3 | 6.0 | 7.3 | 7.0 | 7.0  |
| DERBY XTREME (IS-PR 268)      | 7.7              | 4.0               | 8.3               | 8.3               | 9.0             | 6.7 | 8.3 | 7.0             | 6.0 | 6.3 | 7.7 | 6.7 | 7.0  |
| DP1                           | 8.0              | 4.7               | 8.7               | 8.0               | 8.7             | 7.0 | 9.0 | 7.7             | 5.3 | 5.3 | 7.3 | 7.7 | 7.0  |
| SUNSHINE 2                    | 8.0              | 4.0               | 8.3               | 8.0               | 8.3             | 7.3 | 8.3 | 7.3             | 6.0 | 5.7 | 7.7 | 6.7 | 7.0  |
| APR 1664                      | 7.7              | 4.0               | 8.3               | 8.7               | 8.3             | 7.0 | 8.3 | 7.3             | 5.7 | 6.7 | 6.7 | 6.7 | 6.9  |
| KEYSTONE 2 (IS-PR 312)        | 7.3              | 4.0               | 9.0               | 8.7               | 8.3             | 7.0 | 8.3 | 7.0             | 6.0 | 6.3 | 7.0 | 6.7 | 6.9  |
| VB99                          | 8.7              | 4.3               | 8.0               | 7.7               | 8.0             | 6.3 | 8.3 | 8.0             | 5.0 | 5.7 | 7.3 | 7.3 | 6.9  |
| FIESTA 4 (PICK F4)            | 8.3              | 4.7               | 8.3               | 8.0               | 8.0             | 5.7 | 8.3 | 7.0             | 6.0 | 5.7 | 7.7 | 7.3 | 6.8  |
| GPR                           | 8.0              | 3.7               | 9.0               | 8.0               | 7.7             | 6.7 | 9.0 | 7.7             | 5.0 | 4.3 | 7.3 | 7.3 | 6.8  |
| PIZZAZZ                       | 8.0              | 4.0               | 9.0               | 8.7               | 8.7             | 5.7 | 8.7 | 7.3             | 6.0 | 6.3 | 7.0 | 6.3 | 6.8  |
| PROTEGE GLR                   | 7.0              | 4.7               | 8.7               | 8.3               | 8.3             | 6.3 | 8.7 | 7.0             | 5.7 | 6.0 | 7.7 | 6.3 | 6.8  |
| ASP6004 (EXS54)               | 9.0              | 3.7               | 8.0               | 7.7               | 7.3             | 6.7 | 8.3 | 7.0             | 5.3 | 5.7 | 7.0 | 7.0 | 6.7  |
| BUENA VISTA                   | 7.3              | 4.0               | 9.0               | 8.3               | 8.3             | 6.0 | 8.7 | 7.3             | 5.3 | 5.3 | 7.3 | 6.7 | 6.7  |
| D04-1667                      | 7.3              | 4.3               | 8.7               | 8.7               | 8.0             | 7.0 | 8.7 | 7.3             | 5.3 | 6.3 | 6.0 | 6.3 | 6.7  |
| D04-UP                        | 7.0              | 6.0               | 8.3               | 8.3               | 7.7             | 5.7 | 8.3 | 7.3             | 5.7 | 6.0 | 7.3 | 6.3 | 6.7  |
| KOKOMO II (IS-PR 235)         | 7.7              | 4.7               | 8.7               | 8.0               | 8.0             | 5.0 | 8.7 | 7.0             | 5.3 | 6.0 | 8.0 | 7.0 | 6.7  |
| PST-2GSM                      | 7.3              | 3.7               | 8.0               | 8.3               | 8.0             | 5.7 | 8.3 | 7.0             | 5.3 | 6.3 | 7.3 | 7.0 | 6.7  |
| ALL*STAR 3 (IS-PR 274)        | 7.7              | 4.3               | 8.7               | 8.0               | 8.0             | 6.3 | 8.0 | 6.0             | 5.7 | 5.7 | 7.0 | 7.3 | 6.6  |
| ASP6006 (LPFG)                | 8.3              | 4.0               | 8.0               | 7.7               | 8.3             | 5.3 | 8.7 | 7.0             | 5.0 | 5.3 | 7.3 | 7.3 | 6.6  |
| ATTRIBUTE (IS-PR 270)         | 7.3              | 4.0               | 8.7               | 8.0               | 7.7             | 5.7 | 8.3 | 7.3             | 5.3 | 5.3 | 7.0 | 7.3 | 6.6  |
| EXACTA II GLSR (LTP-611-GLSR) | 7.3              | 5.0               | 8.3               | 8.3               | 8.3             | 6.0 | 8.7 | 6.3             | 5.0 | 5.7 | 7.7 | 6.7 | 6.6  |
| MS2                           | 8.0              | 3.7               | 8.3               | 7.7               | 7.0             | 6.3 | 8.3 | 7.3             | 5.7 | 4.3 | 7.7 | 6.3 | 6.6  |
| PALACE (IS-PR 273)            | 8.0              | 5.7               | 7.7               | 7.7               | 8.3             | 5.3 | 7.7 | 6.7             | 5.3 | 6.3 | 7.3 | 7.3 | 6.6  |
| PALMER IV                     | 7.3              | 4.0               | 8.3               | 7.7               | 7.7             | 6.3 | 8.0 | 7.0             | 5.0 | 6.3 | 6.7 | 6.7 | 6.6  |
| PINNACLE II                   | 8.0              | 5.0               | 8.7               | 8.3               | 8.0             | 6.3 | 8.3 | 7.7             | 5.3 | 6.3 | 6.3 | 6.0 | 6.6  |
| RNS                           | 7.0              | 3.3               | 8.0               | 8.3               | 8.0             | 6.0 | 8.3 | 6.7             | 6.3 | 6.3 | 6.7 | 5.7 | 6.6  |
| STELLAR GL (IS-PR 236)        | 8.0              | 4.0               | 8.7               | 8.0               | 8.0             | 5.7 | 8.7 | 7.7             | 5.0 | 5.7 | 6.7 | 7.0 | 6.6  |
| GL-2                          | 7.0              | 4.7               | 8.7               | 8.3               | 8.3             | 6.3 | 8.3 | 7.0             | 6.0 | 6.3 | 6.3 | 5.3 | 6.5  |
| PICK RB-1                     | 7.3              | 4.7               | 8.3               | 8.0               | 7.3             | 6.0 | 8.3 | 7.0             | 6.0 | 5.3 | 6.3 | 6.7 | 6.5  |
| ASP6002 (BPR)                 | 8.3              | 4.7               | 9.0               | 8.0               | 6.0             | 7.0 | 9.0 | 7.7             | 4.7 | 4.7 | 6.0 | 6.0 | 6.4  |
| BAR LP 4920                   | 8.3              | 5.7               | 8.3               | 7.7               | 7.0             | 6.0 | 8.7 | 7.7             | 5.7 | 5.0 | 6.3 | 5.7 | 6.4  |
| D04-LP05                      | 7.0              | 4.0               | 8.0               | 7.7               | 7.3             | 5.3 | 8.3 | 7.0             | 5.0 | 5.3 | 7.0 | 7.0 | 6.4  |
| MACH I                        | 7.7              | 4.0               | 8.3               | 8.3               | 7.0             | 6.0 | 8.3 | 6.7             | 5.7 | 5.7 | 6.3 | 6.3 | 6.4  |
| MMW                           | 7.0              | 5.3               | 8.7               | 7.7               | 7.7             | 5.3 | 8.3 | 7.3             | 5.0 | 5.7 | 6.7 | 6.7 | 6.4  |
| PARAGON GLR                   | 7.3              | 5.7               | 8.7               | 7.7               | 8.0             | 6.0 | 8.0 | 6.3             | 5.7 | 5.0 | 7.0 | 7.0 | 6.4  |
| REGAL 5 (IS-PR 271)           | 8.0              | 5.3               | 8.7               | 7.7               | 7.7             | 5.0 | 8.7 | 7.3             | 5.7 | 4.7 | 7.0 | 6.3 | 6.4  |
| REVENGE GLX (JR-348)          | 7.0              | 4.7               | 8.0               | 7.7               | 6.7             | 6.7 | 8.0 | 6.7             | 5.7 | 5.7 | 6.3 | 5.7 | 6.4  |
| SNR                           | 9.0              | 5.3               | 8.3               | 7.7               | 8.0             | 6.3 | 8.0 | 7.0             | 4.7 | 5.0 | 7.3 | 6.7 | 6.4  |
| TOP GUN II (JR-324)           | 8.0              | 4.3               | 8.0               | 7.7               | 7.3             | 6.0 | 8.7 | 7.3             | 5.3 | 5.3 | 7.0 | 5.3 | 6.4  |
| WIND DANCE 2 (PWDR)           | 8.0              | 3.3               | 8.3               | 7.7               | 7.7             | 5.3 | 9.0 | 7.0             | 5.0 | 5.0 | 7.0 | 6.7 | 6.4  |

TABLE 15.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT MEAD (ANCILLARY STUDY), NE 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                               | GENETIC<br>COLOR | SPRING<br>GREENUP | DENSITY<br>SPRING | DENSITY<br>SUMMER | DENSITY<br>FALL | APR | MAY | QUALITY RATINGS |     |     |     |     | MEAN |
|------------------------------------|------------------|-------------------|-------------------|-------------------|-----------------|-----|-----|-----------------|-----|-----|-----|-----|------|
|                                    |                  |                   |                   |                   |                 | JUN | JUL | AUG             | SEP | OCT |     |     |      |
| O4-BRE                             | 7.7              | 3.3               | 8.3               | 7.3               | 7.7             | 6.0 | 8.0 | 6.7             | 4.7 | 5.3 | 7.0 | 6.3 | 6.3  |
| ASP6003 (TRS)                      | 8.3              | 3.7               | 8.0               | 8.0               | 6.3             | 7.0 | 8.7 | 7.7             | 5.0 | 4.3 | 6.7 | 5.0 | 6.3  |
| CABO II (IS-PR 233)                | 8.0              | 3.7               | 8.3               | 7.3               | 7.7             | 5.7 | 8.0 | 6.3             | 5.0 | 5.7 | 7.0 | 6.3 | 6.3  |
| DELAWARE XL (PICK 01-2)            | 8.7              | 3.7               | 8.0               | 8.0               | 7.0             | 7.0 | 8.3 | 7.3             | 4.7 | 5.0 | 6.7 | 5.3 | 6.3  |
| E-99                               | 6.7              | 5.3               | 8.7               | 7.7               | 8.0             | 6.3 | 8.3 | 6.3             | 4.7 | 6.0 | 6.7 | 6.0 | 6.3  |
| ES45                               | 7.7              | 4.0               | 8.3               | 7.3               | 7.0             | 5.0 | 8.3 | 7.0             | 4.7 | 5.3 | 7.3 | 6.3 | 6.3  |
| MONTEREY 3 (JR-408)                | 6.7              | 3.0               | 8.0               | 8.0               | 8.0             | 7.0 | 8.3 | 6.3             | 4.7 | 5.7 | 6.7 | 5.3 | 6.3  |
| TR47                               | 8.3              | 3.0               | 8.3               | 7.3               | 6.7             | 6.3 | 8.3 | 6.7             | 5.3 | 4.3 | 7.0 | 6.0 | 6.3  |
| \$ILVER DOLLAR                     | 8.3              | 5.0               | 8.0               | 7.7               | 7.3             | 5.3 | 7.7 | 7.0             | 5.3 | 5.7 | 6.7 | 6.0 | 6.2  |
| AF                                 | 7.3              | 4.3               | 8.0               | 8.0               | 7.0             | 6.7 | 8.0 | 6.0             | 5.3 | 5.3 | 6.0 | 6.3 | 6.2  |
| ASP6005 (AJM)                      | 7.7              | 3.3               | 8.3               | 8.0               | 7.7             | 6.0 | 8.3 | 6.7             | 5.0 | 4.0 | 7.3 | 6.3 | 6.2  |
| INSPIRE                            | 7.0              | 4.3               | 8.3               | 7.7               | 8.0             | 6.3 | 8.3 | 7.0             | 4.3 | 5.7 | 6.7 | 5.0 | 6.2  |
| LCK                                | 6.7              | 4.0               | 8.3               | 8.3               | 7.0             | 6.0 | 8.0 | 7.0             | 5.7 | 4.7 | 6.0 | 6.0 | 6.2  |
| PM 102                             | 8.3              | 4.7               | 7.7               | 7.7               | 7.3             | 6.0 | 8.0 | 6.0             | 5.3 | 4.7 | 7.0 | 6.3 | 6.2  |
| PRIMARY (IS-PR 269)                | 7.3              | 4.7               | 8.3               | 8.0               | 7.7             | 6.0 | 8.0 | 6.7             | 5.0 | 5.3 | 7.0 | 5.7 | 6.2  |
| PS-2                               | 7.7              | 5.3               | 9.0               | 7.7               | 6.7             | 6.3 | 8.3 | 8.0             | 5.3 | 5.0 | 5.7 | 5.0 | 6.2  |
| SP4                                | 8.0              | 4.0               | 7.7               | 7.3               | 7.3             | 6.0 | 8.0 | 5.7             | 4.7 | 5.0 | 7.3 | 7.0 | 6.2  |
| AMAZING GS (IS-PR 276)             | 7.7              | 4.3               | 8.3               | 7.7               | 7.3             | 6.0 | 7.7 | 6.0             | 5.0 | 5.0 | 6.7 | 6.3 | 6.1  |
| BARLENNIUM                         | 7.3              | 3.7               | 8.3               | 8.0               | 8.0             | 6.0 | 8.0 | 6.7             | 4.7 | 5.3 | 6.7 | 5.7 | 6.1  |
| DCM                                | 7.7              | 3.3               | 8.7               | 7.7               | 6.7             | 5.3 | 8.3 | 6.7             | 5.7 | 5.3 | 6.0 | 5.7 | 6.1  |
| HARRIER (SRX 4UP3)                 | 7.3              | 5.3               | 8.0               | 8.7               | 7.7             | 5.3 | 7.3 | 7.0             | 5.3 | 5.7 | 5.7 | 6.7 | 6.1  |
| L44                                | 7.3              | 4.3               | 8.3               | 7.0               | 6.7             | 5.3 | 8.0 | 7.0             | 4.7 | 4.3 | 7.0 | 6.3 | 6.1  |
| PIANIST (DP 17-9505)               | 7.7              | 4.0               | 8.7               | 7.7               | 7.7             | 5.3 | 8.7 | 7.0             | 4.7 | 5.3 | 6.7 | 5.3 | 6.1  |
| PRESIDIO (CNV)                     | 8.0              | 4.0               | 8.0               | 7.3               | 7.3             | 6.0 | 8.0 | 6.3             | 4.7 | 5.3 | 7.0 | 5.7 | 6.1  |
| SECRETARIAT II GLSR (LTP-101-GLSR) | 7.7              | 4.7               | 8.3               | 8.3               | 8.0             | 6.3 | 8.3 | 6.7             | 5.3 | 5.3 | 5.7 | 5.0 | 6.1  |
| SR 4600 (SRX 4SP)                  | 8.0              | 4.3               | 7.3               | 8.0               | 7.7             | 5.7 | 7.7 | 6.3             | 4.7 | 6.3 | 6.7 | 5.7 | 6.1  |
| O4-BEN                             | 7.0              | 4.0               | 8.3               | 7.7               | 8.0             | 5.7 | 7.7 | 6.0             | 5.0 | 4.3 | 7.0 | 6.3 | 6.0  |
| ASP6001 (RTS)                      | 8.0              | 3.3               | 8.0               | 7.3               | 7.3             | 6.0 | 8.0 | 6.7             | 4.3 | 4.7 | 7.0 | 5.7 | 6.0  |
| DP 17-9499                         | 7.3              | 4.3               | 9.0               | 7.7               | 6.0             | 6.7 | 8.7 | 7.0             | 5.0 | 3.7 | 5.3 | 5.7 | 6.0  |
| DP 17-9788                         | 7.3              | 3.3               | 9.0               | 7.7               | 7.0             | 6.3 | 8.3 | 5.7             | 5.0 | 5.3 | 5.7 | 6.0 | 6.0  |
| HALO (KN42)                        | 8.3              | 4.7               | 8.0               | 7.3               | 7.0             | 6.3 | 8.0 | 6.0             | 5.0 | 4.0 | 6.7 | 6.3 | 6.0  |
| PHENOM (APR 1660)                  | 7.3              | 2.7               | 8.0               | 8.3               | 7.3             | 5.3 | 8.0 | 6.7             | 5.7 | 5.3 | 5.7 | 5.0 | 6.0  |
| QUICKSILVER                        | 7.3              | 3.0               | 7.7               | 7.0               | 7.0             | 6.0 | 7.7 | 6.0             | 4.0 | 5.0 | 6.3 | 6.7 | 6.0  |
| RAD-PR8                            | 8.0              | 4.3               | 8.0               | 8.0               | 7.0             | 6.0 | 8.7 | 6.7             | 5.0 | 4.3 | 5.3 | 5.7 | 6.0  |
| APR 1670                           | 7.0              | 5.3               | 8.7               | 8.0               | 7.7             | 5.3 | 7.7 | 6.7             | 5.7 | 5.0 | 5.3 | 5.7 | 5.9  |
| CHARISMATIC II GLSR (LTP-PG-GLSR)  | 7.0              | 4.0               | 7.7               | 7.3               | 7.0             | 5.0 | 8.0 | 6.0             | 5.0 | 5.7 | 5.7 | 6.0 | 5.9  |
| FUSION                             | 7.3              | 4.7               | 8.0               | 8.0               | 7.0             | 5.3 | 8.0 | 6.7             | 5.3 | 4.7 | 5.7 | 5.7 | 5.9  |
| GALATTI (DP 17-9502)               | 8.0              | 4.7               | 8.3               | 7.7               | 6.3             | 6.7 | 8.7 | 6.3             | 4.7 | 4.3 | 5.0 | 5.3 | 5.9  |
| HOMERUN (RG3P)                     | 7.3              | 4.7               | 8.7               | 8.7               | 5.7             | 6.3 | 8.3 | 6.7             | 4.7 | 4.3 | 5.3 | 5.3 | 5.9  |
| LINE DRIVE GLS (APR 1797)          | 7.0              | 3.7               | 8.3               | 7.7               | 6.0             | 6.0 | 8.0 | 6.7             | 4.7 | 5.0 | 5.3 | 5.3 | 5.9  |
| PANTHER GLS                        | 7.0              | 3.3               | 8.0               | 8.0               | 6.3             | 6.0 | 8.7 | 6.3             | 5.3 | 4.7 | 5.0 | 5.0 | 5.9  |
| DART (APR 1663)                    | 7.0              | 4.3               | 7.7               | 7.7               | 7.0             | 5.7 | 7.3 | 5.7             | 4.3 | 4.7 | 6.0 | 6.7 | 5.8  |
| PST-217                            | 7.0              | 2.7               | 8.3               | 8.0               | 7.0             | 6.0 | 8.3 | 6.0             | 4.7 | 4.7 | 6.0 | 5.0 | 5.8  |
| ACCENT II (JR-119)                 | 6.7              | 3.7               | 8.0               | 7.3               | 7.3             | 6.3 | 7.7 | 6.0             | 4.0 | 5.3 | 5.7 | 4.7 | 5.7  |
| GOALKEEPER II (JR-114)             | 7.7              | 5.0               | 8.0               | 7.0               | 7.0             | 6.0 | 8.7 | 6.3             | 3.7 | 4.3 | 6.0 | 5.0 | 5.7  |
| GRAY STAR (PST-2LGL)               | 7.0              | 2.7               | 7.3               | 7.3               | 6.7             | 5.3 | 7.7 | 5.3             | 4.7 | 4.3 | 6.7 | 6.0 | 5.7  |

TABLE 15.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT MEAD (ANCILLARY STUDY), NE 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                      | GENETIC<br>COLOR | SPRING<br>GREENUP | DENSITY<br>SPRING | DENSITY<br>SUMMER | DENSITY<br>FALL | APR  | MAY | JUN  | QUALITY<br>JUL | RATINGS<br>AUG | SEP  | OCT  | MEAN |
|---------------------------|------------------|-------------------|-------------------|-------------------|-----------------|------|-----|------|----------------|----------------|------|------|------|
| MANHATTAN 5 GLR (PST-2AM) | 7.0              | 4.0               | 7.3               | 7.7               | 7.3             | 4.7  | 7.7 | 6.0  | 5.3            | 5.3            | 6.0  | 5.0  | 5.7  |
| PST-2MNG                  | 7.0              | 4.7               | 7.7               | 7.7               | 7.0             | 4.7  | 7.7 | 6.0  | 4.7            | 4.7            | 6.7  | 5.3  | 5.7  |
| APPLE GL (AAZ-B104)       | 7.0              | 4.3               | 7.7               | 7.3               | 7.0             | 5.7  | 7.3 | 5.7  | 4.3            | 4.3            | 6.3  | 5.7  | 5.6  |
| BAR LP 4317               | 7.0              | 4.3               | 8.7               | 7.7               | 6.7             | 5.7  | 8.3 | 5.7  | 5.0            | 5.0            | 4.7  | 5.0  | 5.6  |
| OVERDRIVE                 | 7.7              | 3.7               | 8.0               | 7.3               | 6.3             | 5.0  | 8.3 | 7.0  | 4.3            | 4.3            | 5.7  | 4.7  | 5.6  |
| PALMER III                | 6.3              | 4.0               | 8.3               | 7.3               | 6.7             | 6.0  | 8.0 | 6.3  | 4.0            | 4.3            | 5.3  | 5.0  | 5.6  |
| PREMIER II                | 7.7              | 4.7               | 8.0               | 7.7               | 7.7             | 5.0  | 7.7 | 6.3  | 4.0            | 5.0            | 6.0  | 5.3  | 5.6  |
| PST-2LAN                  | 7.0              | 3.7               | 7.7               | 7.7               | 8.0             | 5.0  | 8.0 | 5.7  | 4.3            | 4.3            | 6.0  | 5.7  | 5.6  |
| VB77                      | 7.3              | 3.7               | 8.0               | 6.7               | 6.0             | 5.3  | 8.0 | 6.3  | 4.0            | 4.0            | 6.0  | 5.7  | 5.6  |
| BAR LP 4420               | 8.0              | 4.3               | 8.0               | 7.0               | 7.3             | 5.3  | 7.7 | 6.3  | 4.3            | 4.0            | 5.7  | 5.3  | 5.5  |
| HEADSTART 2               | 8.0              | 3.7               | 8.0               | 7.3               | 5.7             | 6.3  | 8.0 | 5.7  | 4.7            | 4.3            | 5.3  | 4.3  | 5.5  |
| PST-2AG4                  | 7.7              | 3.7               | 7.0               | 7.0               | 7.0             | 5.7  | 7.0 | 5.7  | 3.3            | 4.7            | 6.7  | 5.7  | 5.5  |
| PST-2BLK                  | 7.3              | 3.3               | 7.3               | 7.3               | 6.0             | 5.0  | 7.3 | 6.3  | 4.3            | 4.0            | 6.0  | 5.7  | 5.5  |
| CADDIESHACK II (JR-163)   | 7.7              | 4.0               | 8.0               | 7.0               | 7.0             | 5.0  | 7.0 | 5.7  | 4.0            | 4.7            | 6.0  | 5.3  | 5.4  |
| CITATION FORE             | 6.7              | 4.0               | 7.7               | 7.3               | 7.0             | 4.7  | 7.7 | 5.3  | 4.7            | 4.0            | 5.7  | 5.0  | 5.3  |
| REPELL GLS                | 7.0              | 3.3               | 7.3               | 7.0               | 5.3             | 5.7  | 7.3 | 5.3  | 5.3            | 4.0            | 4.3  | 5.0  | 5.3  |
| LA QUINTA (JR-255)        | 7.0              | 4.7               | 7.3               | 7.0               | 6.0             | 5.7  | 6.7 | 5.7  | 3.3            | 3.7            | 6.3  | 5.0  | 5.2  |
| PANTHER                   | 6.0              | 3.7               | 8.7               | 7.7               | 6.7             | 6.0  | 7.7 | 5.7  | 4.0            | 4.7            | 4.0  | 4.0  | 5.1  |
| SRX 4692                  | 7.3              | 4.0               | 7.7               | 7.0               | 6.7             | 4.0  | 7.3 | 5.7  | 4.0            | 3.7            | 6.3  | 5.0  | 5.1  |
| PENTIUM                   | 6.3              | 4.3               | 7.7               | 7.0               | 7.0             | 3.7  | 7.3 | 5.3  | 4.3            | 4.3            | 5.3  | 4.3  | 5.0  |
| SRX 4682                  | 7.0              | 3.0               | 8.0               | 6.7               | 7.0             | 5.3  | 7.7 | 6.0  | 2.7            | 3.3            | 5.3  | 4.7  | 5.0  |
| BRIGHTSTAR SLT            | 7.0              | 3.3               | 7.0               | 7.7               | 6.7             | 3.7  | 7.0 | 5.3  | 4.3            | 3.7            | 4.7  | 5.0  | 4.8  |
| LPR 02203                 | 6.0              | 2.3               | 8.3               | 7.0               | 6.3             | 6.3  | 7.7 | 5.0  | 3.3            | 3.0            | 3.3  | 3.7  | 4.6  |
| AFFINITY                  | 6.0              | 3.3               | 8.0               | 7.7               | 8.0             | 3.7  | 7.3 | 4.7  | 4.3            | 4.3            | 3.3  | 3.7  | 4.5  |
| PREMIER                   | 6.0              | 3.3               | 8.3               | 7.3               | 7.0             | 5.3  | 7.7 | 4.7  | 3.7            | 3.3            | 3.7  | 3.3  | 4.5  |
| MANHATTAN II              | 6.0              | 3.7               | 7.3               | 6.3               | 6.7             | 4.0  | 6.7 | 4.3  | 3.3            | 4.7            | 3.7  | 4.0  | 4.4  |
| PINNACLE                  | 5.7              | 4.0               | 7.7               | 6.3               | 6.7             | 2.0  | 6.3 | 3.7  | 3.0            | 2.3            | 2.7  | 3.0  | 3.3  |
| LINN                      | 4.0              | 2.0               | 6.7               | 4.3               | 4.7             | 1.0  | .   | 1.0  | 1.0            | 1.0            | 1.3  | 1.0  | 1.1  |
| LSD VALUE                 | 1.0              | 2.2               | 1.4               | 1.2               | 2.9             | 1.5  | 1.6 | 1.5  | 1.5            | 2.2            | 1.8  | 2.0  | 1.0  |
| C.V. (%)                  | 8.3              | 23.7              | 7.7               | 8.5               | 15.2            | 15.5 | 8.6 | 13.3 | 17.4           | 21.8           | 16.6 | 18.8 | 10.0 |

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 16.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT NORTH BRUNSWICK, NJ 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                               | GENETIC<br>COLOR | LEAF<br>TEXTURE | DENSITY<br>FALL | PERCENT<br>COVER<br>SPRING | PERCENT<br>COVER<br>SUMMER | GRAY<br>LEAF<br>SPOT | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | MEAN |
|------------------------------------|------------------|-----------------|-----------------|----------------------------|----------------------------|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|
| D04-11T                            | 7.0              | 7.7             | 8.7             | 86.7                       | 86.7                       | 8.0                  | 7.0 | 8.0 | 7.7 | 8.0 | 8.0 | 8.0 | 8.3 | 7.0 | 7.8  |
| REGAL 5 (IS-PR 271)                | 7.7              | 7.7             | 7.0             | 80.0                       | 91.7                       | 6.7                  | 7.0 | 7.7 | 8.7 | 8.3 | 4.7 | 7.0 | 7.7 | 7.7 | 7.3  |
| RNS                                | 6.0              | 7.7             | 8.0             | 83.3                       | 96.0                       | 6.7                  | 6.3 | 7.0 | 8.3 | 7.3 | 7.3 | 7.7 | 7.3 | 6.7 | 7.3  |
| ALL*STAR 3 (IS-PR 274)             | 7.0              | 7.0             | 7.7             | 88.3                       | 91.7                       | 8.7                  | 7.7 | 8.0 | 7.3 | 6.7 | 6.0 | 7.0 | 8.3 | 6.7 | 7.2  |
| AMAZING GS (IS-PR 276)             | 7.3              | 7.7             | 8.3             | 80.0                       | 86.7                       | 6.0                  | 7.3 | 7.3 | 8.0 | 8.0 | 5.3 | 6.3 | 7.7 | 6.7 | 7.1  |
| DP1                                | 6.3              | 7.7             | 7.7             | 92.3                       | 91.3                       | 8.7                  | 7.7 | 7.0 | 6.3 | 6.7 | 7.3 | 7.3 | 7.0 | 6.3 | 7.0  |
| ATTRIBUTE (IS-PR 270)              | 6.7              | 7.3             | 7.7             | 89.0                       | 89.0                       | 8.0                  | 7.3 | 7.7 | 8.0 | 7.3 | 5.0 | 6.3 | 7.7 | 6.7 | 7.0  |
| PICK RB-1                          | 7.0              | 7.3             | 7.3             | 95.7                       | 90.0                       | 8.7                  | 8.3 | 8.3 | 6.3 | 6.0 | 6.0 | 6.0 | 8.3 | 6.7 | 7.0  |
| SR 4600 (SRX 4SP)                  | 6.3              | 7.3             | 7.3             | 95.3                       | 96.3                       | 8.7                  | 8.3 | 6.7 | 7.3 | 8.0 | 5.7 | 6.7 | 7.0 | 6.3 | 7.0  |
| D04-1667                           | 5.7              | 7.7             | 7.3             | 92.3                       | 95.7                       | 7.7                  | 7.7 | 6.3 | 7.3 | 7.3 | 6.7 | 7.0 | 7.3 | 5.3 | 6.9  |
| RG3P                               | 6.0              | 6.7             | 7.3             | 80.0                       | 86.7                       | 6.3                  | 7.3 | 7.3 | 6.7 | 7.0 | 7.0 | 6.3 | 7.7 | 6.0 | 6.9  |
| HARRIER (SRX 4UP3)                 | 6.3              | 7.3             | 7.3             | 95.3                       | 93.3                       | 8.0                  | 8.3 | 7.0 | 5.3 | 6.0 | 6.0 | 8.0 | 8.0 | 6.3 | 6.9  |
| GL-2                               | 6.3              | 7.3             | 8.0             | 88.3                       | 93.7                       | 7.3                  | 7.3 | 6.7 | 7.3 | 7.0 | 5.0 | 7.0 | 8.3 | 6.0 | 6.8  |
| DERBY XTREME (IS-PR 268)           | 6.3              | 7.7             | 8.0             | 89.0                       | 91.7                       | 7.7                  | 7.3 | 7.0 | 6.7 | 7.7 | 5.7 | 6.7 | 7.7 | 6.0 | 6.8  |
| PRIMARY (IS-PR 269)                | 6.3              | 7.3             | 8.0             | 82.3                       | 92.7                       | 6.0                  | 7.3 | 6.7 | 8.0 | 8.0 | 5.0 | 6.0 | 7.7 | 5.7 | 6.8  |
| MMW                                | 6.3              | 7.3             | 7.0             | 95.0                       | 91.7                       | 9.0                  | 7.7 | 7.3 | 7.0 | 7.3 | 6.0 | 6.0 | 7.0 | 6.3 | 6.8  |
| PARAGON GLR                        | 6.3              | 7.7             | 7.3             | 90.0                       | 78.3                       | 7.7                  | 8.0 | 7.0 | 7.0 | 6.0 | 5.7 | 6.7 | 8.0 | 5.7 | 6.8  |
| FIESTA 4 (PICK F4)                 | 6.7              | 7.3             | 8.0             | 91.7                       | 95.0                       | 9.0                  | 8.0 | 7.7 | 6.7 | 7.7 | 3.7 | 5.7 | 8.7 | 6.7 | 6.8  |
| SRX 4692                           | 6.0              | 6.0             | 7.3             | 84.0                       | 89.7                       | 6.0                  | 7.3 | 5.7 | 7.0 | 7.3 | 6.3 | 8.3 | 7.0 | 5.3 | 6.8  |
| APR 1670                           | 5.0              | 6.0             | 6.7             | 91.7                       | 87.3                       | 6.7                  | 7.7 | 5.3 | 7.3 | 8.0 | 6.3 | 7.0 | 6.7 | 5.0 | 6.7  |
| LINE DRIVE GLS (APR 1797)          | 5.7              | 6.7             | 7.0             | 92.3                       | 90.7                       | 7.3                  | 7.7 | 6.3 | 7.7 | 7.3 | 5.3 | 6.3 | 7.0 | 5.7 | 6.7  |
| KOKOMO II (IS-PR 235)              | 6.3              | 7.3             | 7.3             | 81.7                       | 86.7                       | 7.0                  | 7.3 | 7.0 | 6.3 | 8.3 | 4.3 | 5.3 | 8.0 | 6.7 | 6.7  |
| PALACE (IS-PR 273)                 | 7.0              | 7.0             | 8.0             | 83.3                       | 85.7                       | 6.3                  | 6.7 | 7.3 | 7.7 | 7.3 | 4.3 | 6.0 | 7.3 | 6.7 | 6.7  |
| PANTHER GLS                        | 6.0              | 6.3             | 7.0             | 81.7                       | 90.0                       | 7.7                  | 6.0 | 5.7 | 7.3 | 7.7 | 6.0 | 7.7 | 7.3 | 5.7 | 6.7  |
| \$ILVER DOLLAR                     | 6.3              | 7.0             | 7.3             | 71.7                       | 81.7                       | 4.0                  | 6.7 | 5.7 | 6.3 | 6.7 | 5.3 | 7.3 | 7.7 | 7.0 | 6.6  |
| ARR 1664                           | 5.7              | 7.0             | 7.7             | 93.3                       | 95.7                       | 8.7                  | 7.3 | 6.3 | 7.0 | 6.7 | 6.0 | 6.0 | 7.7 | 5.7 | 6.6  |
| REVENGE GLX (JR-348)               | 6.3              | 7.0             | 7.7             | 85.0                       | 91.3                       | 6.3                  | 7.0 | 6.3 | 6.3 | 7.7 | 6.3 | 6.3 | 6.3 | 6.3 | 6.6  |
| LCK                                | 6.0              | 6.7             | 7.0             | 83.3                       | 83.3                       | 5.3                  | 6.7 | 6.7 | 6.7 | 7.0 | 7.0 | 5.3 | 7.0 | 6.7 | 6.6  |
| SECRETARIAT II GLSR (LTP-101-GLSR) | 5.0              | 6.7             | 6.7             | 88.3                       | 92.7                       | 7.0                  | 7.3 | 6.3 | 7.3 | 7.0 | 6.7 | 6.7 | 6.3 | 5.0 | 6.6  |
| PHENOM (APR 1660)                  | 5.7              | 6.0             | 6.7             | 90.0                       | 91.0                       | 8.0                  | 7.3 | 6.0 | 7.0 | 7.0 | 5.7 | 6.7 | 6.7 | 5.3 | 6.5  |
| APR 1663                           | 5.7              | 5.7             | 7.0             | 96.3                       | 94.3                       | 8.3                  | 8.0 | 6.7 | 6.3 | 7.3 | 5.7 | 5.7 | 7.0 | 5.7 | 6.5  |
| EXACTA II GLSR (LTP-611-GLSR)      | 6.3              | 7.7             | 7.7             | 94.0                       | 94.0                       | 9.0                  | 7.7 | 7.0 | 7.3 | 6.3 | 4.0 | 5.3 | 7.7 | 6.3 | 6.5  |
| CABO II (IS-PR 233)                | 8.0              | 6.3             | 6.3             | 75.0                       | 82.3                       | 6.0                  | 7.0 | 7.3 | 6.7 | 8.0 | 3.7 | 5.3 | 8.0 | 6.3 | 6.5  |
| KEYSTONE 2 (IS-PR 312)             | 5.3              | 6.7             | 7.3             | 76.7                       | 89.0                       | 4.7                  | 6.0 | 6.7 | 6.7 | 6.7 | 6.3 | 6.0 | 7.3 | 6.3 | 6.5  |
| PALMER IV                          | 6.7              | 7.0             | 7.7             | 87.3                       | 83.3                       | 7.0                  | 7.0 | 8.0 | 6.0 | 6.0 | 5.3 | 5.3 | 7.0 | 7.0 | 6.5  |
| PST-2GSM                           | 5.3              | 6.0             | 7.3             | 56.7                       | 81.7                       | 4.7                  | 5.7 | 6.3 | 6.3 | 7.0 | 6.0 | 7.7 | 7.0 | 5.7 | 6.5  |
| AAZ-B104                           | 6.3              | 6.7             | 6.7             | 92.3                       | 86.3                       | 8.3                  | 8.3 | 7.3 | 5.0 | 5.7 | 6.7 | 5.3 | 7.0 | 6.0 | 6.4  |
| AF                                 | 6.3              | 6.3             | 6.7             | 90.0                       | 86.7                       | 8.3                  | 7.7 | 7.3 | 6.7 | 6.3 | 3.7 | 5.7 | 8.0 | 5.7 | 6.4  |
| CHARISMATIC II GLSR (LTP-PG-GLSR)  | 5.3              | 6.7             | 7.0             | 90.0                       | 90.7                       | 7.3                  | 7.7 | 5.3 | 6.7 | 7.3 | 6.7 | 5.3 | 6.7 | 5.3 | 6.4  |
| IS-PR 236                          | 6.7              | 6.7             | 7.0             | 85.0                       | 90.0                       | 7.7                  | 7.0 | 7.3 | 7.0 | 6.7 | 4.3 | 5.7 | 7.3 | 6.0 | 6.4  |
| DCM                                | 4.7              | 5.7             | 6.0             | 66.7                       | 84.0                       | 4.0                  | 6.3 | 5.3 | 6.7 | 7.0 | 6.3 | 6.7 | 6.3 | 5.3 | 6.3  |
| D04-UP                             | 6.7              | 7.3             | 6.7             | 94.0                       | 87.7                       | 9.0                  | 8.0 | 6.7 | 5.7 | 6.3 | 4.0 | 5.7 | 7.0 | 6.3 | 6.2  |
| MANHATTAN 5 GLR (PST-2AM)          | 4.7              | 5.7             | 6.3             | 86.7                       | 93.3                       | 7.7                  | 7.0 | 6.0 | 7.0 | 6.7 | 5.7 | 5.7 | 6.3 | 4.7 | 6.1  |
| BUENA VISTA                        | 6.7              | 6.3             | 6.0             | 80.7                       | 80.0                       | 5.3                  | 6.7 | 6.3 | 6.7 | 6.7 | 4.0 | 5.0 | 7.0 | 5.7 | 6.0  |
| FUSION                             | 7.0              | 6.7             | 6.3             | 80.0                       | 85.0                       | 6.3                  | 6.7 | 6.7 | 6.3 | 6.3 | 4.7 | 5.0 | 6.7 | 6.0 | 6.0  |
| PROTEGE GLR                        | 7.0              | 7.3             | 7.0             | 94.0                       | 86.7                       | 8.7                  | 7.7 | 7.3 | 5.3 | 5.0 | 4.7 | 4.0 | 8.3 | 5.7 | 6.0  |
| PST-2MNG                           | 5.0              | 6.3             | 6.7             | 71.7                       | 85.0                       | 5.0                  | 6.3 | 5.0 | 6.3 | 6.7 | 6.0 | 6.7 | 6.0 | 5.3 | 6.0  |

TABLE 16.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT NORTH BRUNSWICK, NJ 1/  
2005 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                    | GENETIC<br>COLOR | LEAF<br>TEXTURE | DENSITY<br>FALL | PERCENT<br>COVER<br>SPRING | PERCENT<br>COVER<br>SUMMER | GRAY<br>LEAF<br>SPOT | QUALITY RATINGS |     |     |     |     |     |     |     | MEAN |
|-------------------------|------------------|-----------------|-----------------|----------------------------|----------------------------|----------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|------|
|                         |                  |                 |                 |                            |                            |                      | APR             | MAY | JUN | JUL | AUG | SEP | OCT | NOV |      |
| PST-2AG4                | 5.3              | 6.0             | 7.0             | 56.7                       | 80.0                       | 6.0                  | 5.7             | 5.7 | 5.7 | 5.7 | 5.7 | 7.3 | 6.7 | 5.0 | 5.9  |
| RAD-PR8                 | 5.0              | 6.7             | 6.7             | 53.3                       | 78.3                       | 4.0                  | 5.3             | 5.3 | 6.3 | 7.3 | 5.0 | 5.0 | 6.3 | 5.7 | 5.8  |
| SRX 4682                | 4.3              | 6.0             | 6.3             | 94.0                       | 92.7                       | 7.3                  | 7.3             | 5.7 | 6.0 | 5.7 | 5.7 | 6.0 | 5.7 | 4.3 | 5.8  |
| REPELL GLS              | 6.0              | 6.3             | 6.0             | 81.7                       | 85.0                       | 7.3                  | 7.0             | 5.7 | 6.3 | 7.0 | 4.7 | 4.0 | 6.0 | 5.0 | 5.7  |
| MS2                     | 7.7              | 6.3             | 5.7             | 68.3                       | 75.0                       | 4.0                  | 5.7             | 6.3 | 6.0 | 5.7 | 4.3 | 5.0 | 6.0 | 6.0 | 5.6  |
| ASP6005 (AJM)           | 8.0              | 6.0             | 6.3             | 43.3                       | 70.0                       | 4.0                  | 5.3             | 5.3 | 5.7 | 5.7 | 3.7 | 5.3 | 6.7 | 6.0 | 5.5  |
| PM 103                  | 6.7              | 6.0             | 6.3             | 51.7                       | 66.7                       | 3.3                  | 5.3             | 5.3 | 5.0 | 5.3 | 4.3 | 6.0 | 6.7 | 6.3 | 5.5  |
| PST-2LAN                | 4.0              | 5.0             | 6.0             | 58.3                       | 68.3                       | 3.3                  | 4.7             | 4.7 | 5.3 | 5.3 | 6.3 | 5.7 | 6.3 | 4.7 | 5.4  |
| 04-BEN                  | 4.0              | 5.3             | 5.0             | 71.7                       | 83.3                       | 5.3                  | 6.0             | 5.3 | 6.0 | 6.7 | 4.3 | 4.0 | 5.0 | 5.0 | 5.3  |
| 04-BRE                  | 6.3              | 4.7             | 5.3             | 61.7                       | 75.0                       | 6.3                  | 5.3             | 5.7 | 6.3 | 6.7 | 4.0 | 4.0 | 5.7 | 4.7 | 5.3  |
| AC2                     | 6.3              | 6.0             | 6.3             | 65.0                       | 70.0                       | 4.7                  | 6.0             | 6.0 | 6.0 | 5.3 | 3.0 | 4.0 | 6.7 | 5.7 | 5.3  |
| CITATION FORE           | 4.3              | 5.3             | 6.0             | 70.0                       | 75.0                       | 3.3                  | 5.3             | 5.0 | 5.3 | 6.3 | 4.3 | 6.0 | 5.7 | 4.7 | 5.3  |
| GRAY STAR (PST-2LGL)    | 5.3              | 5.7             | 6.0             | 46.7                       | 71.7                       | 4.3                  | 4.7             | 5.0 | 5.0 | 5.7 | 4.7 | 5.7 | 6.3 | 5.0 | 5.3  |
| E-99                    | 5.0              | 6.0             | 6.7             | 48.3                       | 66.7                       | 3.0                  | 4.3             | 4.7 | 4.0 | 5.7 | 5.7 | 6.0 | 6.0 | 5.0 | 5.2  |
| ES45                    | 8.0              | 5.7             | 6.0             | 46.7                       | 70.0                       | 5.0                  | 4.7             | 5.0 | 5.0 | 5.3 | 3.3 | 5.0 | 7.0 | 6.3 | 5.2  |
| OVERDRIVE               | 5.3              | 6.3             | 6.3             | 50.0                       | 68.3                       | 4.0                  | 4.7             | 4.7 | 5.0 | 5.7 | 4.7 | 5.7 | 6.0 | 5.3 | 5.2  |
| PWDR                    | 7.0              | 6.0             | 5.3             | 40.0                       | 66.7                       | 3.7                  | 4.0             | 4.7 | 5.0 | 5.7 | 4.0 | 5.7 | 6.3 | 5.7 | 5.1  |
| ASP6002 (BPR)           | 8.0              | 5.7             | 5.7             | 45.0                       | 70.0                       | 4.0                  | 4.7             | 5.0 | 5.3 | 5.3 | 3.0 | 5.3 | 6.0 | 5.7 | 5.0  |
| ASP6006 (LPGF)          | 7.0              | 6.0             | 6.3             | 53.3                       | 68.3                       | 4.7                  | 4.7             | 5.0 | 5.0 | 5.0 | 3.7 | 5.3 | 5.7 | 5.3 | 5.0  |
| SNR                     | 7.7              | 5.0             | 5.3             | 51.7                       | 65.0                       | 3.3                  | 5.0             | 4.7 | 4.7 | 6.0 | 3.3 | 4.3 | 6.3 | 5.3 | 5.0  |
| VB77                    | 7.0              | 5.3             | 6.0             | 46.7                       | 68.3                       | 4.0                  | 4.7             | 4.0 | 5.3 | 5.3 | 3.7 | 5.0 | 6.0 | 5.7 | 5.0  |
| ASP6004 (EXS54)         | 7.0              | 6.3             | 5.7             | 41.7                       | 66.7                       | 3.7                  | 4.0             | 4.0 | 5.3 | 5.3 | 3.7 | 5.0 | 6.3 | 5.7 | 4.9  |
| PST-2BLK                | 4.0              | 5.0             | 5.7             | 45.0                       | 65.0                       | 3.0                  | 4.7             | 4.7 | 4.7 | 4.3 | 4.7 | 6.0 | 6.0 | 4.3 | 4.9  |
| GPR                     | 7.3              | 6.3             | 5.7             | 43.3                       | 61.7                       | 3.3                  | 4.3             | 4.7 | 5.0 | 5.0 | 3.7 | 5.0 | 6.0 | 5.0 | 4.8  |
| DELAWARE XL (PICK 01-2) | 7.7              | 6.0             | 5.7             | 46.7                       | 61.7                       | 3.0                  | 4.3             | 5.0 | 4.7 | 5.0 | 2.7 | 4.3 | 6.3 | 6.0 | 4.8  |
| PST-217                 | 5.3              | 5.0             | 5.3             | 46.7                       | 63.3                       | 3.7                  | 4.0             | 4.0 | 5.0 | 5.3 | 4.0 | 5.0 | 6.0 | 4.7 | 4.8  |
| TR47                    | 8.3              | 5.3             | 5.0             | 36.7                       | 63.3                       | 3.3                  | 4.3             | 4.3 | 4.7 | 4.7 | 3.0 | 5.0 | 6.0 | 6.0 | 4.8  |
| PRESIDIO (CNV)          | 7.0              | 5.3             | 5.3             | 50.0                       | 63.3                       | 3.7                  | 4.0             | 4.7 | 4.7 | 4.7 | 3.7 | 4.7 | 6.0 | 5.0 | 4.7  |
| PINNACLE II             | 6.3              | 6.0             | 5.3             | 50.0                       | 63.3                       | 2.7                  | 4.7             | 4.7 | 5.3 | 5.7 | 3.3 | 4.0 | 4.7 | 5.3 | 4.7  |
| PIZZAZZ                 | 6.3              | 5.3             | 6.0             | 43.3                       | 65.0                       | 2.7                  | 4.0             | 4.7 | 4.3 | 5.3 | 3.7 | 4.3 | 6.0 | 5.3 | 4.7  |
| VB99                    | 7.3              | 5.7             | 5.0             | 38.3                       | 60.0                       | 4.0                  | 4.3             | 4.3 | 5.0 | 4.7 | 3.3 | 4.0 | 6.0 | 5.3 | 4.6  |
| L44                     | 8.3              | 5.3             | 5.0             | 43.3                       | 60.0                       | 4.0                  | 4.0             | 4.0 | 4.3 | 4.7 | 2.7 | 4.7 | 5.7 | 6.0 | 4.5  |
| DP 17-9499              | 6.7              | 5.7             | 5.3             | 45.0                       | 63.3                       | 2.3                  | 2.7             | 3.7 | 4.3 | 5.0 | 4.0 | 4.3 | 5.3 | 5.7 | 4.4  |
| GALATTI (DP 17-9502)    | 5.7              | 6.0             | 5.3             | 46.7                       | 58.3                       | 2.0                  | 3.7             | 3.7 | 4.3 | 5.0 | 3.7 | 4.7 | 5.0 | 5.3 | 4.4  |
| BAR LP 4420             | 6.0              | 6.0             | 5.7             | 51.7                       | 65.0                       | 3.7                  | 4.3             | 4.3 | 4.3 | 4.7 | 3.0 | 3.3 | 5.0 | 5.3 | 4.3  |
| PENTIUM                 | 3.3              | 4.7             | 5.7             | 50.0                       | 66.7                       | 3.0                  | 4.3             | 4.3 | 4.7 | 5.3 | 4.7 | 3.3 | 3.7 | 4.3 | 4.3  |
| ASP6003 (TRS)           | 7.7              | 5.7             | 5.7             | 38.3                       | 63.3                       | 2.7                  | 2.7             | 3.7 | 4.3 | 4.7 | 3.0 | 4.7 | 5.3 | 5.7 | 4.3  |
| BAR LP 4317             | 4.0              | 4.3             | 5.0             | 41.7                       | 65.0                       | 3.0                  | 3.7             | 3.7 | 4.7 | 5.3 | 4.0 | 3.3 | 4.3 | 4.3 | 4.2  |
| HALO (KN42)             | 8.7              | 5.3             | 5.0             | 38.3                       | 56.7                       | 3.0                  | 3.7             | 4.0 | 4.7 | 4.0 | 2.7 | 4.0 | 5.7 | 5.0 | 4.2  |
| SP4                     | 8.0              | 5.3             | 4.7             | 35.0                       | 55.0                       | 3.3                  | 3.3             | 4.0 | 4.0 | 5.0 | 2.7 | 3.7 | 6.0 | 5.0 | 4.2  |
| DP 17-9788              | 3.7              | 5.3             | 5.3             | 50.0                       | 61.7                       | 2.7                  | 4.3             | 4.3 | 4.3 | 4.3 | 3.0 | 3.3 | 4.3 | 4.7 | 4.1  |
| ACCENT II (JR-119)      | 4.3              | 4.3             | 4.0             | 35.0                       | 60.0                       | 2.7                  | 3.3             | 3.7 | 4.7 | 5.0 | 3.3 | 4.3 | 4.0 | 4.3 | 4.1  |
| MACH I                  | 6.3              | 6.0             | 5.7             | 33.3                       | 55.0                       | 2.0                  | 3.3             | 3.7 | 3.7 | 4.0 | 3.7 | 4.0 | 5.3 | 5.3 | 4.1  |
| ASP6001 (RTS)           | 8.0              | 5.0             | 4.7             | 30.0                       | 51.7                       | 2.7                  | 3.0             | 4.0 | 4.3 | 4.3 | 2.3 | 3.3 | 5.7 | 6.0 | 4.1  |
| BRIGHTSTAR SLT          | 4.0              | 5.0             | 4.7             | 38.3                       | 58.3                       | 1.7                  | 3.0             | 3.3 | 4.3 | 5.3 | 3.3 | 4.0 | 4.0 | 4.7 | 4.0  |
| PM 101                  | 7.7              | 5.7             | 5.7             | 36.7                       | 53.3                       | 2.3                  | 3.0             | 4.0 | 4.0 | 4.0 | 2.7 | 3.7 | 5.0 | 5.3 | 4.0  |
| PRG HS-01-09            | 7.5              | 5.5             | 4.5             | 51.7                       | 71.7                       | 3.0                  | 5.0             | 4.7 | 5.7 | 5.7 | 2.7 | 2.3 | 2.7 | 3.0 | 4.0  |

TABLE 16.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT NORTH BRUNSWICK, NJ 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                    | GENETIC<br>COLOR | LEAF<br>TEXTURE | DENSITY<br>FALL | PERCENT<br>COVER<br>SPRING | PERCENT<br>COVER<br>SUMMER | GRAY<br>LEAF<br>SPOT | QUALITY RATINGS |      |      |      |      |      |      |      | MEAN |
|-------------------------|------------------|-----------------|-----------------|----------------------------|----------------------------|----------------------|-----------------|------|------|------|------|------|------|------|------|
|                         |                  |                 |                 |                            |                            |                      | APR             | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  |      |
| QUICKSILVER             | 6.3              | 5.7             | 4.3             | 35.0                       | 51.7                       | 2.7                  | 2.7             | 3.7  | 4.3  | 3.7  | 3.0  | 4.7  | 4.3  | 5.3  | 4.0  |
| AFFINITY                | 2.3              | 4.7             | 4.3             | 45.0                       | 75.0                       | 2.0                  | 3.0             | 2.7  | 4.7  | 5.0  | 5.0  | 3.0  | 3.7  | 4.0  | 3.9  |
| APR 1648                | 7.7              | 5.7             | 5.3             | 26.7                       | 48.3                       | 1.3                  | 2.7             | 3.7  | 3.7  | 4.0  | 3.0  | 3.7  | 4.7  | 5.7  | 3.9  |
| BAR LP 4920             | 5.0              | 5.7             | 4.7             | 41.7                       | 61.7                       | 2.3                  | 3.7             | 3.7  | 3.7  | 4.7  | 3.0  | 3.3  | 4.0  | 4.3  | 3.8  |
| TOP GUN II (JR-324)     | 5.3              | 5.0             | 5.0             | 31.7                       | 60.0                       | 1.7                  | 3.3             | 4.0  | 3.7  | 4.0  | 3.3  | 3.0  | 4.0  | 4.7  | 3.8  |
| PM 102                  | 7.7              | 5.7             | 5.0             | 35.0                       | 53.3                       | 2.7                  | 3.0             | 3.7  | 3.0  | 4.0  | 2.7  | 3.7  | 5.0  | 5.7  | 3.8  |
| BARLENNIUM              | 3.3              | 5.0             | 4.7             | 38.3                       | 53.3                       | 2.0                  | 3.0             | 3.3  | 3.3  | 5.0  | 3.3  | 3.7  | 3.7  | 4.3  | 3.7  |
| LA QUINTA (JR-255)      | 7.0              | 5.0             | 4.7             | 34.0                       | 50.0                       | 2.3                  | 2.7             | 3.7  | 3.7  | 3.7  | 3.0  | 4.3  | 4.0  | 4.3  | 3.7  |
| PALMER III              | 4.3              | 5.0             | 4.7             | 36.7                       | 53.3                       | 1.7                  | 2.7             | 3.3  | 3.3  | 4.3  | 3.3  | 4.0  | 4.0  | 4.7  | 3.7  |
| PREMIER                 | 2.3              | 3.3             | 3.0             | 45.0                       | 70.0                       | 2.3                  | 3.3             | 3.0  | 5.0  | 4.3  | 4.0  | 2.7  | 3.3  | 4.0  | 3.7  |
| D04-LP05                | 6.7              | 5.3             | 5.0             | 38.3                       | 56.7                       | 2.0                  | 3.0             | 3.7  | 3.3  | 3.3  | 2.3  | 4.0  | 4.7  | 4.3  | 3.6  |
| PIANIST (DP 17-9505)    | 5.3              | 5.3             | 4.7             | 35.0                       | 58.3                       | 2.0                  | 3.0             | 3.3  | 4.7  | 3.7  | 2.0  | 3.3  | 4.0  | 4.7  | 3.6  |
| INSPIRE                 | 4.7              | 5.0             | 5.3             | 38.3                       | 51.7                       | 2.0                  | 3.3             | 3.7  | 4.3  | 4.3  | 2.3  | 3.0  | 3.7  | 4.3  | 3.6  |
| MONTEREY 3 (JR-408)     | 4.3              | 4.3             | 4.3             | 35.0                       | 56.7                       | 2.0                  | 3.3             | 3.0  | 4.0  | 3.7  | 3.0  | 3.3  | 4.0  | 4.0  | 3.5  |
| PICK 02-R               | 8.3              | 6.0             | 4.0             | 33.3                       | 51.7                       | 1.3                  | 3.0             | 3.7  | 3.7  | 4.0  | 2.3  | 2.7  | 4.3  | 4.7  | 3.5  |
| PS-2                    | 6.0              | 5.7             | 4.7             | 30.0                       | 58.3                       | 1.7                  | 2.3             | 3.0  | 3.3  | 3.7  | 2.7  | 4.0  | 4.3  | 5.0  | 3.5  |
| SUNSHINE 2              | 5.7              | 5.0             | 4.0             | 33.3                       | 50.0                       | 2.0                  | 3.3             | 4.0  | 4.0  | 3.3  | 2.7  | 3.0  | 3.7  | 4.0  | 3.5  |
| PREMIER II              | 4.3              | 4.7             | 4.0             | 29.3                       | 51.7                       | 1.3                  | 2.7             | 3.0  | 3.7  | 4.0  | 2.3  | 3.3  | 4.0  | 4.3  | 3.4  |
| HEADSTART 2             | 7.0              | 5.3             | 3.7             | 30.7                       | 48.3                       | 1.3                  | 3.0             | 3.7  | 4.0  | 3.3  | 1.7  | 2.7  | 3.7  | 4.3  | 3.3  |
| GOALKEEPER II (JR-114)  | 4.7              | 4.7             | 3.7             | 28.3                       | 55.0                       | 1.7                  | 2.7             | 3.7  | 4.0  | 4.0  | 2.3  | 2.7  | 3.3  | 3.7  | 3.3  |
| CADDIESHACK II (JR-163) | 4.7              | 5.0             | 4.7             | 28.3                       | 53.3                       | 2.0                  | 2.3             | 2.7  | 3.0  | 3.3  | 2.7  | 3.3  | 3.7  | 4.0  | 3.1  |
| PINNACLE                | 2.3              | 3.0             | 3.0             | 35.0                       | 51.7                       | 1.0                  | 2.0             | 2.0  | 3.3  | 3.7  | 3.7  | 2.0  | 3.0  | 3.7  | 2.9  |
| PANTHER                 | 3.0              | 4.7             | 3.7             | 19.0                       | 50.0                       | 1.0                  | 1.3             | 2.0  | 3.3  | 4.0  | 2.0  | 2.0  | 3.0  | 3.7  | 2.7  |
| LPR 02203               | 2.3              | 3.3             | 3.0             | 15.0                       | 43.3                       | 1.0                  | 1.0             | 1.3  | 2.3  | 3.0  | 2.0  | 2.0  | 2.0  | 3.7  | 2.2  |
| LINN                    | 1.0              | 1.0             | 1.0             | 23.3                       | 31.7                       | 1.0                  | 1.0             | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.3  | 1.0  |
| LSD VALUE               | 1.1              | 1.1             | 1.3             | 12.0                       | 10.0                       | 1.2                  | 1.1             | 1.1  | 1.2  | 1.3  | 1.6  | 1.7  | 1.2  | 1.2  | 0.7  |
| C.V. (%)                | 12.7             | 12.0            | 13.9            | 13.8                       | 9.4                        | 18.4                 | 15.0            | 14.9 | 14.8 | 15.3 | 24.1 | 21.5 | 13.8 | 13.9 | 8.9  |

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 17.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT ADELPHIA, NJ 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                               | GENETIC<br>COLOR | DENSITY<br>FALL | BROWN<br>PATCH<br>WARM TEMP. | GRAY<br>LEAF<br>SPOT | PERCENT<br>ESTABLISH-<br>MENT | QUALITY RATINGS |     |     |     |     |     |     |     | MEAN |
|------------------------------------|------------------|-----------------|------------------------------|----------------------|-------------------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|------|
|                                    |                  |                 |                              |                      |                               | APR             | MAY | JUN | JUL | AUG | SEP | OCT | NOV |      |
| D04-11T                            | 7.3              | 7.7             | 6.7                          | 7.7                  | 73.3                          | 6.3             | 8.0 | 7.3 | 6.7 | 7.0 | 7.7 | 7.0 | 6.3 | 7.0  |
| ALL*STAR 3 (IS-PR 274)             | 7.3              | 6.7             | 5.7                          | 8.7                  | 65.0                          | 7.0             | 7.7 | 7.3 | 6.0 | 5.0 | 6.3 | 6.3 | 7.0 | 6.6  |
| FIESTA 4 (PICK F4)                 | 7.3              | 7.0             | 6.7                          | 8.7                  | 65.0                          | 6.3             | 7.3 | 7.0 | 5.7 | 6.3 | 7.0 | 6.3 | 7.0 | 6.6  |
| EXACTA II GLSR (LTP-611-GLSR)      | 6.7              | 6.7             | 5.3                          | 9.0                  | 85.0                          | 7.0             | 8.3 | 6.3 | 5.7 | 5.7 | 6.3 | 6.0 | 6.7 | 6.5  |
| IS-PR 236                          | 7.0              | 7.0             | 6.0                          | 7.3                  | 85.0                          | 5.7             | 7.7 | 6.7 | 6.7 | 6.7 | 6.0 | 6.7 | 6.3 | 6.5  |
| DERBY XTREME (IS-PR 268)           | 8.0              | 8.3             | 6.3                          | 7.7                  | 68.3                          | 6.7             | 7.0 | 6.3 | 6.3 | 5.3 | 6.7 | 6.7 | 7.0 | 6.5  |
| ATTRIBUTE (IS-PR 270)              | 6.0              | 6.7             | 6.7                          | 7.3                  | 70.0                          | 6.7             | 7.0 | 6.3 | 7.0 | 7.3 | 6.0 | 5.7 | 5.7 | 6.5  |
| REGAL 5 (IS-PR 271)                | 7.0              | 6.3             | 6.7                          | 7.7                  | 56.7                          | 5.7             | 6.7 | 7.0 | 7.3 | 6.3 | 6.3 | 6.0 | 6.3 | 6.5  |
| PANTHER GLS                        | 6.0              | 7.0             | 7.0                          | 7.0                  | 73.3                          | 6.7             | 6.7 | 6.0 | 7.3 | 6.7 | 7.0 | 6.7 | 5.3 | 6.5  |
| RNS                                | 7.3              | 6.7             | 6.3                          | 7.3                  | 70.0                          | 6.0             | 7.7 | 6.7 | 6.3 | 6.0 | 6.3 | 6.3 | 6.3 | 6.5  |
| SR 4600 (SRX 4SP)                  | 7.3              | 7.0             | 5.7                          | 8.7                  | 73.3                          | 8.0             | 6.7 | 5.7 | 6.0 | 6.0 | 6.3 | 5.7 | 7.3 | 6.5  |
| AMAZING GS (IS-PR 276)             | 7.0              | 7.0             | 6.3                          | 7.0                  | 86.7                          | 6.0             | 7.3 | 7.0 | 6.3 | 6.3 | 6.3 | 6.0 | 6.0 | 6.4  |
| AF                                 | 6.3              | 6.3             | 4.3                          | 8.0                  | 80.0                          | 7.7             | 8.0 | 6.0 | 5.3 | 5.3 | 5.7 | 5.7 | 6.3 | 6.3  |
| ARR 1664                           | 5.7              | 5.7             | 5.7                          | 8.0                  | 80.0                          | 7.0             | 6.7 | 5.0 | 6.7 | 6.3 | 6.7 | 6.3 | 6.0 | 6.3  |
| KOKOMO II (IS-PR 235)              | 8.0              | 7.0             | 5.7                          | 7.3                  | 65.0                          | 5.7             | 6.7 | 4.7 | 6.7 | 7.0 | 7.0 | 6.7 | 6.3 | 6.3  |
| REVENGE GLX (JR-348)               | 5.7              | 6.0             | 3.7                          | 7.7                  | 81.7                          | 7.3             | 6.3 | 5.3 | 6.0 | 5.3 | 7.3 | 7.0 | 6.0 | 6.3  |
| LCK                                | 6.7              | 7.0             | 6.3                          | 7.0                  | 65.0                          | 5.7             | 6.0 | 6.0 | 6.7 | 6.0 | 6.7 | 7.0 | 6.3 | 6.3  |
| RG3P                               | 6.0              | 5.3             | 7.0                          | 7.0                  | 48.3                          | 6.0             | 6.7 | 6.7 | 6.7 | 6.3 | 6.7 | 5.7 | 6.0 | 6.3  |
| DP1                                | 7.0              | 6.7             | 5.7                          | 8.7                  | 68.3                          | 7.3             | 7.0 | 5.7 | 6.0 | 5.7 | 6.0 | 5.7 | 6.3 | 6.2  |
| FUSION                             | 6.7              | 6.3             | 5.7                          | 6.7                  | 58.3                          | 5.7             | 7.0 | 5.7 | 5.3 | 6.0 | 7.7 | 6.3 | 6.0 | 6.2  |
| PALACE (IS-PR 273)                 | 7.0              | 6.0             | 5.7                          | 7.7                  | 60.0                          | 5.3             | 5.7 | 6.7 | 6.3 | 6.3 | 6.7 | 6.3 | 6.3 | 6.2  |
| KEYSTONE 2 (IS-PR 312)             | 5.7              | 7.0             | 7.0                          | 6.7                  | 68.3                          | 5.7             | 6.3 | 6.0 | 6.3 | 6.0 | 7.7 | 6.3 | 5.3 | 6.2  |
| PARAGON GLR                        | 7.0              | 5.7             | 4.7                          | 8.0                  | 31.7                          | 7.0             | 6.7 | 6.3 | 5.7 | 5.3 | 6.3 | 5.7 | 6.3 | 6.2  |
| D04-1667                           | 5.7              | 6.0             | 7.0                          | 6.3                  | 79.3                          | 6.0             | 5.7 | 5.7 | 7.3 | 6.0 | 6.0 | 6.0 | 6.0 | 6.1  |
| GL-2                               | 5.7              | 6.7             | 6.7                          | 8.0                  | 86.7                          | 5.7             | 6.3 | 5.7 | 6.0 | 6.3 | 7.0 | 6.3 | 5.7 | 6.1  |
| PALMER IV                          | 7.0              | 6.3             | 4.0                          | 6.7                  | 81.7                          | 6.0             | 7.0 | 5.0 | 5.0 | 5.7 | 6.7 | 6.7 | 6.0 | 6.0  |
| SECRETARIAT II GLSR (LTP-101-GLSR) | 5.7              | 6.0             | 5.3                          | 7.3                  | 70.0                          | 6.7             | 6.0 | 5.0 | 7.0 | 6.3 | 6.3 | 5.7 | 5.3 | 6.0  |
| LINE DRIVE GLS (APR 1797)          | 5.0              | 5.7             | 6.0                          | 8.0                  | 85.0                          | 7.0             | 5.7 | 4.3 | 6.7 | 6.3 | 7.0 | 5.3 | 4.7 | 5.9  |
| MMW                                | 5.7              | 5.3             | 5.3                          | 7.7                  | 70.0                          | 5.7             | 7.7 | 5.7 | 6.0 | 5.3 | 5.3 | 6.0 | 5.7 | 5.9  |
| REPELL GLS                         | 6.3              | 6.7             | 6.3                          | 7.3                  | 75.0                          | 6.0             | 6.3 | 4.0 | 6.0 | 5.7 | 6.7 | 6.3 | 6.0 | 5.9  |
| PRIMARY (IS-PR 269)                | 5.7              | 6.0             | 6.0                          | 7.0                  | 80.0                          | 5.3             | 7.0 | 5.0 | 6.0 | 4.7 | 6.3 | 6.0 | 5.7 | 5.8  |
| HARRIER (SRX 4UP3)                 | 6.0              | 6.0             | 3.7                          | 8.0                  | 85.0                          | 7.0             | 5.7 | 5.3 | 5.3 | 5.0 | 6.0 | 5.3 | 6.3 | 5.8  |
| PHENOM (APR 1660)                  | 5.3              | 5.7             | 7.0                          | 7.7                  | 60.0                          | 5.3             | 6.0 | 4.3 | 6.3 | 6.3 | 7.0 | 5.3 | 5.0 | 5.7  |
| BUENA VISTA                        | 6.0              | 5.7             | 4.3                          | 6.3                  | 86.7                          | 5.0             | 7.0 | 5.0 | 5.7 | 6.0 | 5.3 | 5.7 | 6.0 | 5.7  |
| PST-2AG4                           | 6.7              | 6.0             | 5.3                          | 5.3                  | 70.0                          | 5.7             | 7.0 | 5.3 | 5.3 | 6.0 | 5.0 | 5.0 | 6.0 | 5.7  |
| PST-2GSM                           | 5.3              | 5.0             | 6.3                          | 5.7                  | 68.3                          | 5.3             | 5.7 | 5.3 | 6.3 | 6.0 | 6.7 | 5.3 | 5.0 | 5.7  |
| CHARISMATIC II GLSR (LTP-PG-GLSR)  | 5.3              | 6.0             | 6.3                          | 7.0                  | 73.3                          | 6.7             | 6.0 | 4.7 | 5.3 | 6.0 | 6.3 | 5.3 | 4.7 | 5.6  |
| PICK RB-1                          | 6.7              | 6.3             | 4.3                          | 9.0                  | 76.7                          | 6.3             | 6.7 | 5.3 | 4.3 | 4.7 | 5.7 | 5.7 | 6.3 | 5.6  |
| \$ILVER DOLLAR                     | 6.0              | 5.3             | 4.0                          | 6.3                  | 53.3                          | 5.7             | 5.0 | 4.7 | 6.0 | 5.0 | 6.3 | 5.7 | 5.7 | 5.5  |
| APR 1663                           | 4.7              | 5.0             | 4.7                          | 7.0                  | 58.3                          | 6.3             | 5.3 | 4.0 | 7.0 | 6.3 | 5.7 | 5.3 | 4.3 | 5.5  |
| APR 1670                           | 4.3              | 5.7             | 5.7                          | 6.3                  | 86.0                          | 6.3             | 5.3 | 4.3 | 6.0 | 5.0 | 6.3 | 5.0 | 5.3 | 5.5  |
| OVERDRIVE                          | 5.3              | 5.0             | 6.3                          | 3.3                  | 78.3                          | 4.3             | 5.3 | 5.0 | 5.3 | 6.3 | 6.0 | 5.7 | 5.0 | 5.4  |
| AC2                                | 5.7              | 5.3             | 5.3                          | 5.3                  | 70.0                          | 4.3             | 5.7 | 6.0 | 5.7 | 5.0 | 5.0 | 5.7 | 5.0 | 5.3  |
| CITATION FORE                      | 5.3              | 5.0             | 5.3                          | 4.3                  | 85.0                          | 5.3             | 4.7 | 4.7 | 6.0 | 5.7 | 5.3 | 5.3 | 5.0 | 5.3  |
| DCM                                | 5.3              | 5.3             | 5.0                          | 5.0                  | 86.7                          | 4.0             | 4.7 | 5.7 | 6.3 | 5.3 | 5.7 | 5.0 | 5.3 | 5.3  |
| PROTEGE GLR                        | 7.3              | 6.0             | 3.0                          | 8.3                  | 65.0                          | 6.3             | 6.3 | 4.3 | 3.0 | 5.0 | 5.3 | 5.0 | 6.7 | 5.3  |
| ASP6006 (LPPFG)                    | 6.3              | 4.3             | 4.7                          | 4.0                  | 56.7                          | 4.7             | 6.3 | 4.7 | 4.7 | 5.3 | 4.7 | 5.3 | 5.7 | 5.2  |

TABLE 17.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT ADELPHIA, NJ 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                      | GENETIC<br>COLOR | DENSITY<br>FALL | BROWN<br>PATCH<br>WARM TEMP. | GRAY<br>LEAF<br>SPOT | PERCENT<br>ESTABLISH-<br>MENT | QUALITY RATINGS |     |     |     |     |     |     |     | MEAN |
|---------------------------|------------------|-----------------|------------------------------|----------------------|-------------------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|------|
|                           |                  |                 |                              |                      |                               | APR             | MAY | JUN | JUL | AUG | SEP | OCT | NOV |      |
| MS2                       | 6.0              | 5.0             | 4.3                          | 5.3                  | 70.0                          | 5.0             | 5.3 | 5.3 | 5.3 | 5.7 | 5.7 | 4.3 | 5.0 | 5.2  |
| PM 103                    | 6.0              | 5.7             | 5.3                          | 4.7                  | 86.7                          | 4.0             | 5.0 | 5.3 | 6.0 | 5.0 | 5.3 | 6.0 | 5.0 | 5.2  |
| AAZ-B104                  | 6.7              | 5.7             | 4.3                          | 8.7                  | 81.7                          | 6.7             | 7.0 | 4.7 | 3.0 | 5.0 | 4.0 | 4.3 | 6.3 | 5.1  |
| APR 1648                  | 6.0              | 5.7             | 5.7                          | 2.7                  | 75.0                          | 3.7             | 3.7 | 6.0 | 5.3 | 4.7 | 6.0 | 5.7 | 6.0 | 5.1  |
| D04-UP                    | 6.3              | 6.0             | 3.7                          | 8.7                  | 68.3                          | 6.0             | 6.0 | 4.7 | 4.3 | 4.3 | 5.0 | 4.7 | 6.0 | 5.1  |
| ASP6004 (EXS54)           | 6.3              | 5.3             | 5.0                          | 3.7                  | 53.3                          | 4.7             | 4.7 | 5.3 | 4.7 | 5.3 | 5.0 | 5.3 | 5.7 | 5.1  |
| GRAY STAR (PST-2LGL)      | 5.7              | 5.0             | 4.3                          | 4.3                  | 71.7                          | 4.0             | 5.7 | 5.7 | 5.0 | 5.3 | 5.0 | 5.0 | 5.3 | 5.1  |
| MANHATTAN 5 GLR (PST-2AM) | 5.0              | 5.0             | 4.3                          | 6.3                  | 65.0                          | 6.0             | 4.7 | 4.3 | 5.7 | 5.3 | 5.3 | 4.3 | 5.0 | 5.1  |
| PST-2MNG                  | 5.0              | 4.7             | 5.7                          | 5.3                  | 56.7                          | 5.0             | 5.0 | 4.0 | 5.7 | 5.0 | 5.7 | 5.7 | 5.0 | 5.1  |
| PENTIUM                   | 4.7              | 5.3             | 6.0                          | 3.7                  | 58.3                          | 4.3             | 4.0 | 4.7 | 6.0 | 6.0 | 6.0 | 4.3 | 4.7 | 5.0  |
| PST-2BLK                  | 5.0              | 5.3             | 5.0                          | 3.7                  | 85.0                          | 5.0             | 4.7 | 4.3 | 5.3 | 5.0 | 5.7 | 5.3 | 4.7 | 5.0  |
| VB77                      | 5.3              | 5.0             | 6.0                          | 4.3                  | 75.0                          | 5.0             | 5.0 | 4.7 | 5.0 | 4.7 | 5.0 | 5.3 | 5.0 | 5.0  |
| CABO II (IS-PR 233)       | 6.0              | 5.0             | 5.3                          | 6.3                  | 71.7                          | 4.0             | 5.3 | 6.3 | 4.7 | 4.7 | 4.3 | 5.0 | 5.0 | 4.9  |
| MACH I                    | 6.0              | 5.3             | 4.3                          | 4.3                  | 66.7                          | 5.0             | 5.0 | 5.3 | 5.3 | 4.7 | 4.7 | 4.3 | 5.0 | 4.9  |
| PINNACLE II               | 6.0              | 4.7             | 5.7                          | 3.7                  | 68.3                          | 4.0             | 4.3 | 4.7 | 5.3 | 5.0 | 5.3 | 5.0 | 5.3 | 4.9  |
| PRG HS-01-09              | 5.7              | 4.3             | 4.3                          | 4.0                  | 73.3                          | 4.3             | 4.7 | 6.0 | 5.7 | 4.7 | 4.7 | 4.3 | 4.7 | 4.9  |
| SNR                       | 6.7              | 5.3             | 5.3                          | 4.0                  | 56.7                          | 4.0             | 5.3 | 5.0 | 5.3 | 3.7 | 5.0 | 5.3 | 5.7 | 4.9  |
| 04-BRE                    | 5.7              | 5.3             | 5.3                          | 5.0                  | 63.3                          | 4.3             | 5.0 | 4.0 | 5.3 | 5.0 | 4.3 | 5.0 | 5.3 | 4.8  |
| PST-2LAN                  | 4.0              | 4.3             | 6.0                          | 4.3                  | 71.7                          | 3.7             | 3.3 | 4.0 | 6.0 | 6.0 | 6.0 | 5.3 | 4.3 | 4.8  |
| RAD-PR8                   | 5.0              | 5.3             | 5.7                          | 4.3                  | 85.0                          | 4.0             | 4.7 | 4.3 | 6.3 | 4.0 | 5.3 | 4.7 | 5.3 | 4.8  |
| SRX 4692                  | 5.3              | 4.3             | 5.3                          | 4.7                  | 75.0                          | 4.7             | 4.0 | 3.3 | 5.7 | 5.0 | 5.7 | 5.0 | 4.7 | 4.8  |
| ES45                      | 6.0              | 5.0             | 4.7                          | 4.0                  | 63.3                          | 4.7             | 4.3 | 5.0 | 4.0 | 4.3 | 4.3 | 5.0 | 5.7 | 4.7  |
| DP 17-9499                | 6.0              | 5.0             | 5.7                          | 3.3                  | 82.7                          | 3.3             | 4.3 | 4.3 | 5.0 | 5.0 | 4.3 | 5.3 | 5.3 | 4.6  |
| TOP GUN II (JR-324)       | 5.0              | 4.0             | 5.3                          | 2.0                  | 68.3                          | 3.3             | 4.0 | 4.3 | 5.0 | 5.0 | 5.3 | 5.0 | 5.0 | 4.6  |
| DELAWARE XL (PICK 01-2)   | 6.3              | 4.7             | 4.0                          | 4.0                  | 60.0                          | 4.0             | 5.0 | 5.7 | 4.7 | 4.3 | 4.0 | 4.0 | 5.0 | 4.6  |
| SRX 4682                  | 3.7              | 5.0             | 5.0                          | 6.3                  | 55.0                          | 5.7             | 4.7 | 4.0 | 6.0 | 4.3 | 4.3 | 4.3 | 3.7 | 4.6  |
| VB99                      | 6.0              | 4.7             | 5.0                          | 3.7                  | 60.0                          | 4.0             | 4.3 | 4.7 | 4.7 | 4.0 | 5.0 | 4.7 | 5.3 | 4.6  |
| 04-BEN                    | 5.0              | 4.7             | 3.7                          | 4.7                  | 56.7                          | 4.3             | 5.0 | 3.3 | 5.3 | 4.0 | 5.3 | 4.3 | 4.7 | 4.5  |
| BRIGHTSTAR SLT            | 5.3              | 6.0             | 5.7                          | 3.0                  | 56.7                          | 3.7             | 3.7 | 3.7 | 5.7 | 5.0 | 4.7 | 4.3 | 5.0 | 4.5  |
| E-99                      | 4.7              | 5.0             | 6.0                          | 4.0                  | 61.7                          | 3.3             | 3.7 | 3.0 | 5.7 | 5.0 | 5.7 | 5.3 | 4.7 | 4.5  |
| GPR                       | 5.7              | 5.0             | 4.0                          | 3.3                  | 60.0                          | 4.3             | 4.3 | 4.7 | 4.7 | 4.3 | 4.0 | 5.0 | 5.0 | 4.5  |
| ACCENT II (JR-119)        | 4.0              | 4.3             | 6.3                          | 3.0                  | 68.3                          | 4.0             | 3.3 | 4.3 | 5.3 | 5.0 | 4.7 | 4.7 | 4.3 | 4.5  |
| LA QUINTA (JR-255)        | 5.7              | 4.3             | 4.0                          | 3.3                  | 76.7                          | 4.3             | 4.7 | 3.7 | 4.0 | 5.0 | 4.7 | 4.7 | 4.7 | 4.5  |
| QUICKSILVER               | 6.0              | 4.3             | 4.3                          | 3.0                  | 60.0                          | 3.3             | 4.3 | 4.7 | 4.7 | 4.7 | 4.7 | 5.0 | 4.7 | 4.5  |
| BAR LP 4920               | 6.3              | 4.3             | 6.0                          | 3.3                  | 66.7                          | 3.3             | 3.3 | 3.7 | 5.3 | 4.3 | 5.0 | 4.7 | 5.3 | 4.4  |
| PRESIDIO (CNV)            | 5.3              | 4.0             | 5.0                          | 3.3                  | 75.0                          | 3.0             | 4.3 | 5.0 | 4.3 | 5.0 | 4.3 | 4.0 | 5.0 | 4.4  |
| GALATTI (DP 17-9502)      | 5.0              | 5.0             | 6.7                          | 4.3                  | 71.7                          | 4.0             | 4.3 | 4.3 | 4.3 | 5.0 | 4.3 | 4.0 | 5.0 | 4.4  |
| HALO (KN42)               | 5.7              | 4.0             | 5.0                          | 2.7                  | 55.0                          | 3.7             | 4.7 | 4.3 | 4.3 | 4.0 | 4.7 | 4.7 | 5.0 | 4.4  |
| TR47                      | 5.3              | 4.0             | 4.7                          | 3.0                  | 83.3                          | 4.3             | 4.0 | 5.0 | 4.0 | 4.0 | 4.3 | 4.7 | 5.0 | 4.4  |
| BAR LP 4317               | 4.3              | 4.7             | 7.7                          | 3.3                  | 83.3                          | 3.0             | 3.3 | 4.0 | 5.3 | 4.3 | 5.0 | 4.7 | 4.3 | 4.3  |
| PIANIST (DP 17-9505)      | 4.7              | 4.0             | 4.7                          | 2.3                  | 69.3                          | 3.3             | 3.7 | 5.3 | 5.0 | 5.0 | 3.7 | 4.3 | 4.0 | 4.3  |
| MONTEREY 3 (JR-408)       | 4.3              | 4.7             | 3.7                          | 3.3                  | 63.3                          | 3.7             | 4.0 | 4.0 | 4.3 | 4.0 | 5.0 | 5.0 | 4.3 | 4.3  |
| PM 101                    | 5.7              | 4.3             | 4.7                          | 3.7                  | 56.7                          | 3.7             | 4.3 | 4.7 | 4.3 | 4.3 | 4.0 | 4.3 | 5.0 | 4.3  |
| SP4                       | 6.3              | 4.3             | 5.7                          | 3.0                  | 66.7                          | 3.3             | 3.3 | 4.7 | 4.3 | 4.3 | 4.7 | 4.3 | 5.3 | 4.3  |
| ASP6005 (AJM)             | 5.7              | 3.3             | 3.0                          | 2.7                  | 53.3                          | 4.0             | 4.3 | 4.0 | 4.0 | 4.0 | 4.0 | 4.7 | 4.7 | 4.2  |
| BAR LP 4420               | 5.7              | 4.0             | 4.7                          | 4.3                  | 56.7                          | 3.0             | 3.7 | 4.3 | 4.7 | 4.3 | 4.3 | 4.3 | 5.0 | 4.2  |
| GOALKEEPER II (JR-114)    | 5.3              | 4.0             | 4.0                          | 2.0                  | 81.7                          | 2.7             | 3.7 | 4.0 | 4.0 | 4.7 | 5.0 | 5.0 | 4.3 | 4.2  |

TABLE 17.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT ADELPHIA, NJ 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                    | GENETIC<br>COLOR | DENSITY<br>FALL | BROWN<br>PATCH<br>WARM TEMP. | GRAY<br>LEAF<br>SPOT | PERCENT<br>ESTABLISH-<br>MENT | QUALITY RATINGS |      |      |      |      |      |      |      | MEAN |
|-------------------------|------------------|-----------------|------------------------------|----------------------|-------------------------------|-----------------|------|------|------|------|------|------|------|------|
|                         |                  |                 |                              |                      |                               | APR             | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  |      |
| L44                     | 5.3              | 4.0             | 4.3                          | 2.7                  | 66.7                          | 3.3             | 4.3  | 3.7  | 4.7  | 4.7  | 4.3  | 4.0  | 4.7  | 4.2  |
| PST-217                 | 5.0              | 4.3             | 6.0                          | 4.0                  | 80.0                          | 3.3             | 3.3  | 3.7  | 4.0  | 4.7  | 4.7  | 5.0  | 4.7  | 4.2  |
| D04-LP05                | 5.3              | 4.0             | 5.0                          | 2.7                  | 70.0                          | 3.3             | 4.0  | 3.7  | 4.0  | 4.0  | 4.0  | 4.7  | 5.3  | 4.1  |
| PIZZAZZ                 | 5.3              | 4.3             | 5.0                          | 4.0                  | 88.3                          | 3.7             | 3.0  | 4.3  | 5.3  | 4.0  | 4.0  | 4.0  | 4.7  | 4.1  |
| PM 102                  | 6.0              | 4.3             | 5.0                          | 4.3                  | 58.3                          | 3.7             | 4.0  | 4.7  | 4.0  | 3.3  | 4.0  | 4.3  | 5.0  | 4.1  |
| PREMIER II              | 4.0              | 4.3             | 4.0                          | 2.7                  | 68.3                          | 3.7             | 3.3  | 3.0  | 5.0  | 5.0  | 5.0  | 4.3  | 3.7  | 4.1  |
| ASP6002 (BPR)           | 5.3              | 4.3             | 3.7                          | 3.3                  | 78.3                          | 3.3             | 3.7  | 4.3  | 3.7  | 3.7  | 4.0  | 4.7  | 4.7  | 4.0  |
| HEADSTART 2             | 5.7              | 4.0             | 3.3                          | 2.3                  | 68.3                          | 3.3             | 4.3  | 3.7  | 3.7  | 3.3  | 3.7  | 4.7  | 5.3  | 4.0  |
| INSPIRE                 | 4.3              | 4.3             | 5.7                          | 1.7                  | 73.3                          | 3.0             | 3.3  | 4.0  | 4.7  | 4.3  | 4.3  | 4.0  | 4.3  | 4.0  |
| PICK 02-R               | 5.3              | 3.7             | 4.0                          | 1.7                  | 53.3                          | 3.0             | 3.7  | 4.0  | 4.0  | 4.0  | 4.0  | 5.0  | 4.7  | 4.0  |
| SUNSHINE 2              | 5.0              | 4.0             | 4.7                          | 3.0                  | 60.0                          | 3.0             | 4.0  | 4.0  | 3.7  | 4.0  | 4.3  | 4.0  | 4.7  | 4.0  |
| ASP6003 (TRS)           | 5.7              | 4.0             | 5.3                          | 3.3                  | 58.3                          | 3.0             | 3.3  | 4.0  | 4.3  | 3.7  | 4.0  | 4.7  | 5.0  | 4.0  |
| PS-2                    | 5.3              | 4.7             | 6.0                          | 1.7                  | 60.0                          | 3.0             | 3.3  | 3.7  | 4.0  | 4.0  | 4.3  | 4.0  | 4.7  | 3.9  |
| CADDIESHACK II (JR-163) | 4.3              | 3.7             | 5.0                          | 1.7                  | 70.0                          | 3.0             | 2.7  | 3.3  | 4.3  | 4.7  | 4.3  | 4.3  | 3.7  | 3.8  |
| PALMER III              | 4.7              | 5.0             | 3.3                          | 3.3                  | 61.7                          | 4.0             | 3.7  | 2.7  | 4.3  | 3.3  | 3.7  | 3.3  | 4.3  | 3.7  |
| PWDR                    | 5.0              | 4.3             | 4.7                          | 3.0                  | 63.3                          | 3.0             | 3.0  | 3.7  | 4.0  | 3.7  | 3.7  | 4.0  | 4.3  | 3.7  |
| AFFINITY                | 2.7              | 4.3             | 5.3                          | 3.3                  | 74.3                          | 4.0             | 2.3  | 3.0  | 5.0  | 4.0  | 4.3  | 2.7  | 3.3  | 3.6  |
| BARLENNIUM              | 4.3              | 3.7             | 5.0                          | 1.7                  | 88.3                          | 2.7             | 2.3  | 2.7  | 4.0  | 3.7  | 4.7  | 4.3  | 4.0  | 3.5  |
| DP 17-9788              | 4.0              | 3.7             | 3.7                          | 3.7                  | 61.7                          | 3.3             | 3.0  | 3.0  | 4.3  | 3.0  | 3.7  | 3.3  | 4.3  | 3.5  |
| PANTHER                 | 3.7              | 4.0             | 3.3                          | 1.3                  | 81.7                          | 2.3             | 3.0  | 2.3  | 4.7  | 3.7  | 4.3  | 3.0  | 4.0  | 3.4  |
| ASP6001 (RTS)           | 6.0              | 4.3             | 3.7                          | 2.3                  | 73.3                          | 2.7             | 2.7  | 3.3  | 3.3  | 3.0  | 3.3  | 4.3  | 4.7  | 3.4  |
| PREMIER                 | 2.3              | 3.3             | 6.3                          | 3.0                  | 76.7                          | 3.0             | 2.0  | 3.0  | 5.3  | 2.0  | 4.3  | 2.3  | 3.0  | 3.1  |
| LPR 02203               | 3.0              | 3.3             | 5.3                          | 1.0                  | 53.3                          | 2.3             | 2.0  | 2.7  | 3.7  | 3.7  | 3.0  | 3.7  | 3.3  | 3.0  |
| PINNACLE                | 2.7              | 2.3             | 5.7                          | 1.3                  | 88.3                          | 1.7             | 1.3  | 1.3  | 3.3  | 2.3  | 3.3  | 2.0  | 2.7  | 2.3  |
| LINN                    | 1.0              | 1.0             | 4.0                          | 1.0                  | 83.3                          | 1.0             | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  |
| LSD VALUE               | 1.2              | 1.1             | 2.1                          | 1.0                  | 59.1                          | 1.2             | 1.5  | 1.3  | 1.2  | 1.5  | 1.3  | 1.3  | 1.0  | 0.8  |
| C.V. (%)                | 14.4             | 14.3            | 21.8                         | 14.2                 | 24.5                          | 17.7            | 19.6 | 17.2 | 14.5 | 18.5 | 15.5 | 15.9 | 12.5 | 10.4 |

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 18. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 2004 NATIONAL PERENNIAL RYEGRASS TEST AT ITHACA, NY 1/  
 2005 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                      | SEEDLING | QUALITY RATINGS |     |     |     | MEAN |
|---------------------------|----------|-----------------|-----|-----|-----|------|
|                           | VIGOR    | JUL             | AUG | SEP | OCT |      |
| BRIGHTSTAR SLT            | 7.3      | 7.0             | 6.0 | 5.7 | 7.0 | 6.4  |
| GOALKEEPER II (JR-114)    | 8.0      | 7.0             | 6.0 | 5.7 | 7.0 | 6.4  |
| PANTHER GLS               | 7.7      | 6.3             | 7.0 | 6.0 | 6.3 | 6.4  |
| PREMIER II                | 7.7      | 6.7             | 6.3 | 6.0 | 6.7 | 6.4  |
| D04-11T                   | 7.3      | 6.3             | 6.3 | 6.0 | 6.3 | 6.3  |
| DP 17-9499                | 7.3      | 6.3             | 6.3 | 6.3 | 6.3 | 6.3  |
| PIANIST (DP 17-9505)      | 7.3      | 6.3             | 6.3 | 6.0 | 6.3 | 6.3  |
| GRAY STAR (PST-2LGL)      | 7.3      | 6.3             | 6.3 | 6.0 | 6.3 | 6.3  |
| CABO II (IS-PR 233)       | 7.3      | 6.3             | 6.7 | 5.7 | 6.3 | 6.3  |
| PALMER IV                 | 7.7      | 6.7             | 6.0 | 5.7 | 6.7 | 6.3  |
| PWDR                      | 7.7      | 6.7             | 6.0 | 5.7 | 6.7 | 6.3  |
| VB77                      | 7.3      | 6.3             | 6.3 | 6.0 | 6.3 | 6.3  |
| ASP6005 (AJM)             | 6.7      | 5.7             | 7.0 | 6.3 | 5.7 | 6.2  |
| PHENOM (APR 1660)         | 7.0      | 6.0             | 6.7 | 6.0 | 6.0 | 6.2  |
| HALO (KN42)               | 8.0      | 7.0             | 5.3 | 5.3 | 7.0 | 6.2  |
| REGAL 5 (IS-PR 271)       | 7.3      | 6.3             | 6.3 | 5.7 | 6.3 | 6.2  |
| MS2                       | 7.3      | 6.3             | 6.0 | 6.0 | 6.3 | 6.2  |
| PST-2AG4                  | 7.0      | 6.0             | 6.3 | 6.3 | 6.0 | 6.2  |
| SR 4600 (SRX 4SP)         | 7.3      | 6.3             | 6.3 | 5.7 | 6.3 | 6.2  |
| HARRIER (SRX 4UP3)        | 7.3      | 6.3             | 6.3 | 5.7 | 6.3 | 6.2  |
| TR47                      | 7.3      | 6.3             | 6.0 | 6.0 | 6.3 | 6.2  |
| D04-LP05                  | 7.3      | 6.3             | 6.0 | 5.7 | 6.3 | 6.1  |
| FUSION                    | 7.3      | 6.3             | 6.3 | 5.3 | 6.3 | 6.1  |
| AMAZING GS (IS-PR 276)    | 7.3      | 6.3             | 6.0 | 5.7 | 6.3 | 6.1  |
| LCK                       | 7.7      | 6.7             | 5.7 | 5.3 | 6.7 | 6.1  |
| OVERDRIVE                 | 7.7      | 6.7             | 5.7 | 5.3 | 6.7 | 6.1  |
| PANTHER                   | 7.0      | 6.0             | 6.7 | 5.7 | 6.0 | 6.1  |
| PENTIUM                   | 7.3      | 6.3             | 6.0 | 5.7 | 6.3 | 6.1  |
| PROTEGE GLR               | 7.3      | 6.3             | 6.3 | 5.3 | 6.3 | 6.1  |
| PS-2                      | 7.0      | 6.0             | 6.3 | 6.0 | 6.0 | 6.1  |
| PST-217                   | 7.0      | 6.0             | 6.3 | 6.0 | 6.0 | 6.1  |
| MANHATTAN 5 GLR (PST-2AM) | 7.0      | 6.0             | 6.3 | 6.0 | 6.0 | 6.1  |
| PST-2LAN                  | 7.0      | 6.0             | 6.3 | 6.0 | 6.0 | 6.1  |
| RAD-PR8                   | 7.3      | 6.3             | 6.0 | 5.7 | 6.3 | 6.1  |
| SP4                       | 7.7      | 6.7             | 5.7 | 5.3 | 6.7 | 6.1  |
| VB99                      | 7.3      | 6.3             | 6.0 | 5.7 | 6.3 | 6.1  |
| AAZ-B104                  | 7.3      | 6.3             | 6.0 | 5.3 | 6.3 | 6.0  |
| AF                        | 7.0      | 6.0             | 6.0 | 6.0 | 6.0 | 6.0  |
| CITATION FORE             | 7.0      | 6.0             | 6.3 | 5.7 | 6.0 | 6.0  |
| PRESIDIO (CNV)            | 7.0      | 6.0             | 6.0 | 6.0 | 6.0 | 6.0  |
| D04-UP                    | 7.0      | 6.0             | 6.3 | 5.7 | 6.0 | 6.0  |
| E-99                      | 7.3      | 6.3             | 6.0 | 5.3 | 6.3 | 6.0  |
| GPR                       | 7.0      | 6.0             | 6.3 | 5.7 | 6.0 | 6.0  |
| CADDIESHACK II (JR-163)   | 7.3      | 6.3             | 6.0 | 5.3 | 6.3 | 6.0  |
| L44                       | 7.3      | 6.0             | 6.3 | 5.7 | 6.0 | 6.0  |
| DELAWARE XL (PICK 01-2)   | 7.3      | 6.3             | 5.7 | 5.7 | 6.3 | 6.0  |
| FIESTA 4 (PICK F4)        | 7.0      | 6.0             | 6.0 | 6.0 | 6.0 | 6.0  |

TABLE 18.  
(CONT'D)MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT ITHACA, NY 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                              | SEEDLING VIGOR |     | QUALITY RATINGS |     |     | MEAN |
|-----------------------------------|----------------|-----|-----------------|-----|-----|------|
|                                   | JUL            | AUG | SEP             | OCT |     |      |
| PINNACLE                          | 7.3            | 6.3 | 5.7             | 5.7 | 6.3 | 6.0  |
| REPELL GLS                        | 7.0            | 6.0 | 6.0             | 6.0 | 6.0 | 6.0  |
| SUNSHINE 2                        | 6.7            | 5.7 | 6.7             | 6.0 | 5.7 | 6.0  |
| AFFINITY                          | 7.3            | 6.3 | 6.0             | 5.0 | 6.3 | 5.9  |
| APR 1670                          | 7.0            | 6.0 | 6.0             | 5.7 | 6.0 | 5.9  |
| LINE DRIVE GLS (APR 1797)         | 6.3            | 6.0 | 6.0             | 5.7 | 6.0 | 5.9  |
| BAR LP 4420                       | 7.0            | 6.0 | 6.0             | 5.7 | 6.0 | 5.9  |
| BAR LP 4920                       | 7.0            | 6.0 | 6.0             | 5.7 | 6.0 | 5.9  |
| ES45                              | 7.3            | 6.3 | 5.7             | 5.3 | 6.3 | 5.9  |
| ASP6004 (EXS54)                   | 6.7            | 5.7 | 6.7             | 5.7 | 5.7 | 5.9  |
| INSPIRE                           | 7.0            | 6.0 | 6.0             | 5.7 | 6.0 | 5.9  |
| DERBY XTREME (IS-PR 268)          | 7.0            | 6.0 | 6.3             | 5.3 | 6.0 | 5.9  |
| ATTRIBUTE (IS-PR 270)             | 7.0            | 6.0 | 6.0             | 5.7 | 6.0 | 5.9  |
| KEYSTONE 2 (IS-PR 312)            | 6.7            | 5.7 | 6.3             | 6.0 | 5.7 | 5.9  |
| ACCENT II (JR-119)                | 7.0            | 6.0 | 6.0             | 5.7 | 6.0 | 5.9  |
| PM 101                            | 6.7            | 5.7 | 6.3             | 6.0 | 5.7 | 5.9  |
| QUICKSILVER                       | 7.0            | 6.0 | 6.3             | 5.3 | 6.0 | 5.9  |
| RG3P                              | 6.7            | 5.7 | 6.3             | 6.0 | 5.7 | 5.9  |
| RNS                               | 7.0            | 6.0 | 6.0             | 5.7 | 6.0 | 5.9  |
| ASP6001 (RTS)                     | 7.0            | 6.0 | 6.0             | 5.7 | 6.0 | 5.9  |
| SNR                               | 7.3            | 6.0 | 6.0             | 5.7 | 6.0 | 5.9  |
| SRX 4682                          | 7.7            | 6.0 | 6.3             | 5.3 | 6.0 | 5.9  |
| ASP6003 (TRS)                     | 7.0            | 6.0 | 6.0             | 5.7 | 6.0 | 5.9  |
| 04-BEN                            | 7.0            | 6.0 | 5.7             | 5.3 | 6.0 | 5.8  |
| 04-BRE                            | 6.7            | 5.7 | 6.0             | 5.7 | 5.7 | 5.8  |
| APR 1663                          | 6.7            | 5.7 | 6.3             | 5.7 | 5.7 | 5.8  |
| ARR 1664                          | 7.0            | 6.0 | 5.7             | 5.3 | 6.0 | 5.8  |
| ASP6002 (BPR)                     | 6.7            | 5.7 | 6.3             | 5.3 | 5.7 | 5.8  |
| BUENA VISTA                       | 7.0            | 6.0 | 6.0             | 5.3 | 6.0 | 5.8  |
| CHARISMATIC II GLSR (LTP-PG-GLSR) | 7.3            | 6.3 | 5.7             | 5.0 | 6.3 | 5.8  |
| GALATTI (DP 17-9502)              | 7.3            | 6.3 | 5.3             | 5.0 | 6.3 | 5.8  |
| DP1                               | 7.0            | 6.0 | 5.7             | 5.3 | 6.0 | 5.8  |
| EXACTA II GLSR (LTP-611-GLSR)     | 7.0            | 6.0 | 5.7             | 5.3 | 6.0 | 5.8  |
| PRIMARY (IS-PR 269)               | 6.7            | 5.7 | 6.3             | 5.7 | 5.7 | 5.8  |
| ALL*STAR 3 (IS-PR 274)            | 7.0            | 6.0 | 6.0             | 5.3 | 6.0 | 5.8  |
| TOP GUN II (JR-324)               | 7.0            | 6.0 | 6.0             | 5.3 | 6.0 | 5.8  |
| MONTEREY 3 (JR-408)               | 7.0            | 6.0 | 5.7             | 5.3 | 6.0 | 5.8  |
| ASP6006 (LPFG)                    | 7.0            | 6.0 | 5.7             | 5.3 | 6.0 | 5.8  |
| LPR 02203                         | 7.0            | 6.0 | 5.7             | 5.3 | 6.0 | 5.8  |
| MACH I                            | 6.7            | 5.7 | 6.0             | 5.7 | 5.7 | 5.8  |
| PARAGON GLR                       | 6.7            | 5.7 | 6.0             | 5.7 | 5.7 | 5.8  |
| PICK RB-1                         | 6.7            | 5.7 | 6.0             | 6.0 | 5.7 | 5.8  |
| PINNACLE II                       | 7.0            | 6.0 | 6.0             | 5.3 | 6.0 | 5.8  |
| PREMIER                           | 7.0            | 6.0 | 6.0             | 5.3 | 6.0 | 5.8  |
| PRG HS-01-09                      | 7.0            | 6.0 | 5.7             | 5.7 | 6.0 | 5.8  |
| PST-2GSM                          | 6.7            | 5.7 | 6.0             | 5.7 | 5.7 | 5.8  |
| APR 1648                          | 6.7            | 5.7 | 5.7             | 5.7 | 5.7 | 5.7  |

TABLE 18.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT ITHACA, NY 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                               | SEEDLING VIGOR |     | QUALITY RATINGS |      |     | MEAN |
|------------------------------------|----------------|-----|-----------------|------|-----|------|
|                                    | JUL            | AUG | SEP             | OCT  |     |      |
| GL-2                               | 6.7            | 5.7 | 6.0             | 5.3  | 5.7 | 5.7  |
| IS-PR 236                          | 7.0            | 6.0 | 5.7             | 5.0  | 6.0 | 5.7  |
| LA QUINTA (JR-255)                 | 6.7            | 5.7 | 6.0             | 5.3  | 5.7 | 5.7  |
| PIZZAZZ                            | 7.0            | 6.0 | 5.3             | 5.3  | 6.0 | 5.7  |
| PM 102                             | 7.3            | 5.7 | 6.0             | 5.3  | 5.7 | 5.7  |
| PM 103                             | 6.7            | 5.7 | 6.0             | 5.3  | 5.7 | 5.7  |
| PST-2MNG                           | 7.3            | 6.3 | 5.0             | 5.0  | 6.3 | 5.7  |
| DO4-1667                           | 5.7            | 5.3 | 6.0             | 5.7  | 5.3 | 5.6  |
| DP 17-9788                         | 7.0            | 6.0 | 5.3             | 5.0  | 6.0 | 5.6  |
| HEADSTART 2                        | 6.0            | 5.0 | 6.3             | 6.0  | 5.0 | 5.6  |
| KOKOMO II (IS-PR 235)              | 5.7            | 5.3 | 6.3             | 5.3  | 5.3 | 5.6  |
| REVENGE GLX (JR-348)               | 6.7            | 5.7 | 5.7             | 5.3  | 5.7 | 5.6  |
| PALMER III                         | 6.7            | 5.7 | 5.7             | 5.3  | 5.7 | 5.6  |
| PST-2BLK                           | 6.7            | 5.7 | 5.7             | 5.3  | 5.7 | 5.6  |
| BARLENNIUM                         | 6.0            | 5.3 | 6.0             | 5.3  | 5.3 | 5.5  |
| PICK 02-R                          | 7.0            | 6.0 | 5.0             | 5.0  | 6.0 | 5.5  |
| SRX 4692                           | 6.7            | 5.7 | 5.3             | 5.3  | 5.7 | 5.5  |
| BAR LP 4317                        | 6.3            | 5.3 | 5.7             | 5.3  | 5.3 | 5.4  |
| DCM                                | 6.7            | 5.7 | 5.3             | 5.0  | 5.7 | 5.4  |
| MMW                                | 6.3            | 5.3 | 6.0             | 5.0  | 5.3 | 5.4  |
| SECRETARIAT II GLSR (LTP-101-GLSR) | 7.0            | 6.0 | 5.0             | 4.7  | 6.0 | 5.4  |
| PALACE (IS-PR 273)                 | 5.3            | 5.3 | 5.3             | 5.3  | 5.3 | 5.3  |
| \$ILVER DOLLAR                     | 7.0            | 6.0 | 4.0             | 4.0  | 6.0 | 5.0  |
| AC2                                | 6.0            | 5.0 | 5.3             | 4.7  | 5.0 | 5.0  |
| LINN                               | 6.7            | 4.0 | 5.3             | 4.7  | 4.0 | 4.5  |
| LSD VALUE                          | 2.5            | 1.5 | 1.7             | 1.9  | 1.5 | 1.0  |
| C.V. (%)                           | 10.0           | 9.8 | 10.2            | 10.4 | 9.8 | 6.9  |

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 19. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE 2004 NATIONAL PERENNIAL RYEGRASS TEST AT ITHACA (TRAFFIC STUDY), NY 1/ 2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                      | SEEDLING | QUALITY RATINGS |     |     |     | MEAN |
|---------------------------|----------|-----------------|-----|-----|-----|------|
|                           | VIGOR    | JUL             | AUG | SEP | OCT |      |
| MS2                       | 7.3      | 7.3             | 7.0 | 8.0 | 8.0 | 7.6  |
| D04-11T                   | 7.3      | 7.0             | 7.0 | 8.0 | 8.0 | 7.5  |
| DP 17-9499                | 7.3      | 7.0             | 7.3 | 7.7 | 7.7 | 7.4  |
| RAD-PR8                   | 7.3      | 7.0             | 6.7 | 8.0 | 8.0 | 7.4  |
| APR 1663                  | 6.7      | 6.7             | 6.7 | 7.7 | 8.0 | 7.3  |
| LINE DRIVE GLS (APR 1797) | 6.3      | 7.0             | 6.7 | 7.7 | 7.7 | 7.3  |
| BAR LP 4420               | 7.0      | 6.7             | 6.7 | 7.7 | 8.0 | 7.3  |
| FUSION                    | 7.3      | 7.0             | 6.3 | 8.0 | 8.0 | 7.3  |
| CABO II (IS-PR 233)       | 7.0      | 6.3             | 6.7 | 8.0 | 8.0 | 7.3  |
| DERBY XTREME (IS-PR 268)  | 7.0      | 7.0             | 6.3 | 7.7 | 8.0 | 7.3  |
| KEYSTONE 2 (IS-PR 312)    | 6.7      | 6.3             | 7.0 | 8.0 | 8.0 | 7.3  |
| GOALKEEPER II (JR-114)    | 8.0      | 7.3             | 6.7 | 7.7 | 7.7 | 7.3  |
| L44                       | 7.3      | 6.7             | 6.7 | 7.7 | 8.0 | 7.3  |
| PANTHER GLS               | 7.7      | 7.0             | 7.0 | 7.3 | 7.7 | 7.3  |
| PST-217                   | 7.0      | 6.7             | 7.0 | 7.7 | 8.0 | 7.3  |
| PST-2LAN                  | 7.0      | 6.7             | 7.0 | 7.7 | 7.7 | 7.3  |
| PWDR                      | 7.7      | 7.0             | 6.7 | 7.7 | 7.7 | 7.3  |
| HARRIER (SRX 4UP3)        | 7.3      | 7.0             | 6.7 | 7.7 | 7.7 | 7.3  |
| AAZ-B104                  | 7.3      | 6.7             | 6.3 | 7.7 | 8.0 | 7.2  |
| APR 1670                  | 7.0      | 6.7             | 6.7 | 7.7 | 7.7 | 7.2  |
| BRIGHTSTAR SLT            | 7.3      | 7.3             | 6.7 | 7.3 | 7.3 | 7.2  |
| BUENA VISTA               | 6.7      | 6.3             | 6.3 | 8.0 | 8.0 | 7.2  |
| PIANIST (DP 17-9505)      | 7.3      | 7.0             | 7.0 | 7.3 | 7.3 | 7.2  |
| DP1                       | 7.0      | 6.7             | 6.3 | 7.7 | 8.0 | 7.2  |
| INSPIRE                   | 7.0      | 7.0             | 6.7 | 7.3 | 7.7 | 7.2  |
| ATTRIBUTE (IS-PR 270)     | 7.0      | 6.0             | 6.7 | 8.0 | 8.0 | 7.2  |
| PINNACLE                  | 7.3      | 6.7             | 6.7 | 7.7 | 7.7 | 7.2  |
| PM 103                    | 6.7      | 6.7             | 6.3 | 7.7 | 8.0 | 7.2  |
| PRG HS-01-09              | 7.0      | 6.3             | 6.7 | 7.7 | 8.0 | 7.2  |
| PST-2AG4                  | 7.0      | 6.7             | 7.3 | 7.3 | 7.3 | 7.2  |
| MANHATTAN 5 GLR (PST-2AM) | 7.0      | 6.7             | 7.0 | 7.3 | 7.7 | 7.2  |
| RNS                       | 7.0      | 6.7             | 6.7 | 7.7 | 7.7 | 7.2  |
| SR 4600 (SRX 4SP)         | 7.3      | 6.7             | 6.7 | 7.3 | 8.0 | 7.2  |
| AF                        | 7.0      | 6.7             | 7.0 | 7.3 | 7.3 | 7.1  |
| PRESIDIO (CNV)            | 7.0      | 7.0             | 7.0 | 7.0 | 7.3 | 7.1  |
| D04-1667                  | 5.7      | 6.0             | 6.7 | 7.7 | 8.0 | 7.1  |
| DCM                       | 6.7      | 6.3             | 6.0 | 8.0 | 8.0 | 7.1  |
| GPR                       | 7.0      | 7.0             | 6.3 | 7.3 | 7.7 | 7.1  |
| MONTEREY 3 (JR-408)       | 7.0      | 6.0             | 6.3 | 8.0 | 8.0 | 7.1  |
| CADDIESHACK II (JR-163)   | 7.3      | 6.3             | 6.3 | 7.7 | 8.0 | 7.1  |
| PREMIER                   | 7.0      | 6.7             | 6.3 | 7.7 | 7.7 | 7.1  |
| PREMIER II                | 7.7      | 6.7             | 7.0 | 7.3 | 7.3 | 7.1  |
| REPELL GLS                | 7.0      | 6.7             | 7.0 | 7.0 | 7.7 | 7.1  |
| RG3P                      | 6.7      | 6.3             | 7.0 | 7.3 | 7.7 | 7.1  |
| TR47                      | 7.3      | 7.0             | 7.0 | 7.0 | 7.3 | 7.1  |
| VB77                      | 7.3      | 6.7             | 7.0 | 7.0 | 7.7 | 7.1  |
| ASP6005 (AJM)             | 6.7      | 6.0             | 7.3 | 7.3 | 7.3 | 7.0  |

TABLE 19. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT ITHACA (TRAFFIC STUDY), NY 1/  
 2005 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                               | SEEDLING | QUALITY RATINGS |     |     |     | MEAN |
|------------------------------------|----------|-----------------|-----|-----|-----|------|
|                                    | VIGOR    | JUL             | AUG | SEP | OCT |      |
| BAR LP 4920                        | 7.0      | 6.0             | 6.7 | 7.7 | 7.7 | 7.0  |
| HALO (KN42)                        | 8.0      | 7.0             | 6.3 | 7.0 | 7.7 | 7.0  |
| REGAL 5 (IS-PR 271)                | 7.3      | 6.3             | 6.7 | 7.3 | 7.7 | 7.0  |
| PALMER IV                          | 7.7      | 7.0             | 6.7 | 7.0 | 7.3 | 7.0  |
| PST-2GSM                           | 6.7      | 6.7             | 6.7 | 7.3 | 7.3 | 7.0  |
| PST-2MNG                           | 7.3      | 6.7             | 6.0 | 7.7 | 7.7 | 7.0  |
| SNR                                | 7.3      | 6.7             | 6.7 | 7.3 | 7.3 | 7.0  |
| SP4                                | 7.7      | 7.0             | 6.3 | 7.3 | 7.3 | 7.0  |
| SRX 4682                           | 7.7      | 6.7             | 6.3 | 7.3 | 7.7 | 7.0  |
| ASP6003 (TRS)                      | 7.0      | 6.7             | 6.7 | 7.3 | 7.3 | 7.0  |
| O4-BRE                             | 6.7      | 6.3             | 6.7 | 7.3 | 7.3 | 6.9  |
| APR 1648                           | 6.7      | 6.3             | 6.7 | 7.3 | 7.3 | 6.9  |
| PHENOM (APR 1660)                  | 7.0      | 6.7             | 7.0 | 7.0 | 7.0 | 6.9  |
| ARR 1664                           | 7.0      | 6.7             | 6.3 | 7.3 | 7.3 | 6.9  |
| DO4-LP05                           | 7.3      | 6.7             | 6.7 | 7.0 | 7.3 | 6.9  |
| E-99                               | 7.3      | 7.0             | 6.3 | 7.0 | 7.3 | 6.9  |
| ASP6004 (EXS54)                    | 6.7      | 6.3             | 6.7 | 7.3 | 7.3 | 6.9  |
| HEADSTART 2                        | 6.0      | 6.0             | 7.0 | 7.3 | 7.3 | 6.9  |
| KOKOMO II (IS-PR 235)              | 5.7      | 6.3             | 6.3 | 7.3 | 7.7 | 6.9  |
| PRIMARY (IS-PR 269)                | 6.7      | 6.3             | 6.7 | 7.3 | 7.3 | 6.9  |
| PALACE (IS-PR 273)                 | 5.0      | 6.0             | 6.3 | 7.3 | 8.0 | 6.9  |
| MACH I                             | 6.7      | 6.3             | 6.7 | 7.3 | 7.3 | 6.9  |
| PALMER III                         | 6.7      | 6.3             | 6.3 | 7.3 | 7.7 | 6.9  |
| DELAWARE XL (PICK 01-2)            | 7.3      | 7.0             | 6.7 | 7.0 | 7.0 | 6.9  |
| FIESTA 4 (PICK F4)                 | 7.0      | 6.7             | 7.0 | 7.0 | 7.0 | 6.9  |
| PIZZAZZ                            | 7.0      | 7.0             | 6.0 | 7.3 | 7.3 | 6.9  |
| PROTEGE GLR                        | 7.3      | 7.0             | 6.3 | 7.0 | 7.3 | 6.9  |
| PS-2                               | 7.0      | 6.7             | 7.0 | 7.0 | 7.0 | 6.9  |
| PST-2BLK                           | 6.7      | 6.0             | 6.3 | 7.7 | 7.7 | 6.9  |
| SECRETARIAT II GLSR (LTP-101-GLSR) | 7.0      | 6.7             | 5.0 | 8.0 | 8.0 | 6.9  |
| AFFINITY                           | 7.3      | 6.7             | 6.0 | 7.0 | 7.3 | 6.8  |
| CHARISMATIC II GLSR (LTP-PG-GLSR)  | 7.3      | 6.7             | 6.0 | 7.3 | 7.3 | 6.8  |
| CITATION FORE                      | 7.0      | 6.0             | 6.7 | 7.3 | 7.3 | 6.8  |
| GALATTI (DP 17-9502)               | 7.3      | 6.3             | 5.7 | 7.7 | 7.7 | 6.8  |
| DP 17-9788                         | 7.0      | 6.3             | 6.0 | 7.3 | 7.3 | 6.8  |
| ES45                               | 7.3      | 6.3             | 6.3 | 7.0 | 7.3 | 6.8  |
| GRAY STAR (PST-2LGL)               | 7.3      | 6.3             | 7.0 | 7.0 | 7.0 | 6.8  |
| IS-PR 236                          | 7.0      | 7.0             | 5.7 | 7.3 | 7.3 | 6.8  |
| AMAZING GS (IS-PR 276)             | 7.3      | 6.3             | 6.7 | 7.0 | 7.0 | 6.8  |
| ALL*STAR 3 (IS-PR 274)             | 6.7      | 6.3             | 6.3 | 7.3 | 7.3 | 6.8  |
| ACCENT II (JR-119)                 | 7.0      | 6.3             | 6.7 | 7.0 | 7.3 | 6.8  |
| TOP GUN II (JR-324)                | 7.0      | 6.0             | 6.3 | 7.3 | 7.7 | 6.8  |
| LCK                                | 7.7      | 6.7             | 6.3 | 7.0 | 7.3 | 6.8  |
| LPR 02203                          | 7.0      | 6.3             | 6.3 | 7.3 | 7.3 | 6.8  |
| OVERDRIVE                          | 7.7      | 6.7             | 6.3 | 7.0 | 7.3 | 6.8  |
| PANTHER                            | 7.0      | 6.3             | 6.7 | 7.0 | 7.0 | 6.8  |
| PARAGON GLR                        | 6.7      | 6.3             | 6.3 | 7.0 | 7.3 | 6.8  |

TABLE 19.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT ITHACA (TRAFFIC STUDY), NY 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                          | SEEDLING<br>VIGOR | JUL | QUALITY RATINGS |     |     | MEAN |
|-------------------------------|-------------------|-----|-----------------|-----|-----|------|
|                               |                   |     | AUG             | SEP | OCT |      |
| PICK RB-1                     | 6.7               | 6.3 | 7.0             | 7.0 | 7.0 | 6.8  |
| PM 101                        | 6.7               | 6.7 | 7.0             | 6.7 | 7.0 | 6.8  |
| PM 102                        | 7.3               | 6.3 | 6.3             | 7.0 | 7.7 | 6.8  |
| QUICKSILVER                   | 7.0               | 6.3 | 6.3             | 7.3 | 7.3 | 6.8  |
| ASP6001 (RTS)                 | 7.0               | 6.3 | 6.3             | 7.0 | 7.7 | 6.8  |
| SRX 4692                      | 6.7               | 6.7 | 6.3             | 7.0 | 7.0 | 6.8  |
| SUNSHINE 2                    | 6.7               | 6.3 | 7.0             | 7.0 | 7.0 | 6.8  |
| VB99                          | 7.3               | 6.7 | 6.3             | 7.0 | 7.3 | 6.8  |
| 04-BEN                        | 7.0               | 6.3 | 6.3             | 7.0 | 7.0 | 6.7  |
| ASP6002 (BPR)                 | 6.3               | 5.7 | 6.3             | 7.0 | 7.7 | 6.7  |
| D04-UP                        | 7.0               | 6.3 | 6.7             | 6.7 | 7.0 | 6.7  |
| LA QUINTA (JR-255)            | 6.3               | 6.0 | 6.3             | 7.0 | 7.3 | 6.7  |
| REVENGE GLX (JR-348)          | 6.7               | 6.3 | 6.3             | 7.0 | 7.0 | 6.7  |
| MMW                           | 6.0               | 6.0 | 6.0             | 7.3 | 7.3 | 6.7  |
| PENTIUM                       | 7.3               | 7.0 | 6.7             | 6.0 | 7.0 | 6.7  |
| GL-2                          | 6.7               | 6.3 | 6.3             | 6.7 | 7.0 | 6.6  |
| PINNACLE II                   | 7.0               | 6.0 | 6.3             | 7.0 | 7.0 | 6.6  |
| \$ILVER DOLLAR                | 6.7               | 6.0 | 4.0             | 8.0 | 8.0 | 6.5  |
| BAR LP 4317                   | 6.0               | 5.7 | 6.0             | 7.0 | 7.3 | 6.5  |
| ASP6006 (LPFG)                | 7.0               | 6.0 | 6.0             | 7.0 | 7.0 | 6.5  |
| BARLENNIUM                    | 6.0               | 5.3 | 6.3             | 7.0 | 7.0 | 6.4  |
| PICK 02-R                     | 7.0               | 6.0 | 5.7             | 7.0 | 7.0 | 6.4  |
| AC2                           | 5.7               | 5.7 | 5.7             | 7.0 | 7.0 | 6.3  |
| EXACTA II GLSR (LTP-611-GLSR) | 7.0               | 6.3 | 6.3             | 6.3 | 6.3 | 6.3  |
| LINN                          | 6.7               | 4.0 | 5.3             | 5.7 | 5.3 | 5.1  |
| LSD VALUE                     | 2.6               | 1.4 | 1.5             | 2.1 | 1.7 | 0.7  |
| C.V. (%)                      | 10.7              | 9.3 | 9.7             | 8.6 | 8.0 | 5.1  |

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 20.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT STILLWATER, OK 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                               | GENETIC<br>COLOR | LEAF<br>TEXTURE | DENSITY<br>SUMMER | PERCENT<br>COVER<br>SPRING | PERCENT<br>COVER<br>SUMMER | PERCENT<br>COVER<br>FALL | WINTER<br>COLOR | PERCENT<br>ESTABLISH-<br>MENT |
|------------------------------------|------------------|-----------------|-------------------|----------------------------|----------------------------|--------------------------|-----------------|-------------------------------|
| ASP6006 (LPGF)                     | 8.7              | 9.0             | 9.0               | 99.0                       | 95.3                       | 98.7                     | 8.0             | 36.7                          |
| 04-BEN                             | 7.3              | 9.0             | 8.3               | 99.0                       | 90.7                       | 99.0                     | 7.0             | 36.7                          |
| ACCENT II (JR-119)                 | 7.0              | 9.0             | 9.0               | 99.0                       | 91.3                       | 98.0                     | 7.0             | 51.7                          |
| REVENGE GLX (JR-348)               | 8.0              | 9.0             | 8.7               | 98.0                       | 94.3                       | 98.7                     | 7.3             | 56.7                          |
| CADDIESHACK II (JR-163)            | 7.0              | 9.0             | 8.3               | 99.0                       | 96.0                       | 98.3                     | 8.0             | 46.7                          |
| CITATION FORE                      | 7.0              | 9.0             | 9.0               | 99.0                       | 90.3                       | 98.3                     | 7.3             | 65.0                          |
| BAR LP 4317                        | 6.7              | 9.0             | 9.0               | 99.0                       | 91.3                       | 98.3                     | 6.3             | 38.3                          |
| D04-1667                           | 7.3              | 9.0             | 9.0               | 99.0                       | 88.7                       | 97.0                     | 7.7             | 53.3                          |
| SRX 4682                           | 6.7              | 9.0             | 8.3               | 99.0                       | 95.7                       | 98.3                     | 7.0             | 38.3                          |
| VB77                               | 8.3              | 9.0             | 8.7               | 99.0                       | 89.0                       | 97.3                     | 8.0             | 45.0                          |
| APR 1670                           | 7.0              | 9.0             | 8.7               | 99.0                       | 90.7                       | 98.3                     | 6.7             | 41.7                          |
| PWDR                               | 8.7              | 9.0             | 8.0               | 99.0                       | 85.0                       | 98.3                     | 7.7             | 45.0                          |
| RG3P                               | 7.7              | 9.0             | 9.0               | 99.0                       | 93.3                       | 97.7                     | 7.3             | 45.0                          |
| SECRETARIAT II GLSR (LTP-101-GLSR) | 7.3              | 9.0             | 8.0               | 99.0                       | 87.3                       | 99.0                     | 7.0             | 51.7                          |
| LINE DRIVE GLS (APR 1797)          | 7.0              | 9.0             | 9.0               | 99.0                       | 96.0                       | 97.0                     | 7.3             | 43.3                          |
| EXACTA II GLSR (LTP-611-GLSR)      | 7.7              | 9.0             | 9.0               | 99.0                       | 90.3                       | 95.7                     | 7.0             | 60.0                          |
| PIZZAZZ                            | 7.3              | 9.0             | 8.3               | 99.0                       | 83.0                       | 97.3                     | 7.0             | 68.3                          |
| PRG HS-01-09                       | 8.3              | 9.0             | 8.3               | 99.0                       | 90.7                       | 97.3                     | 8.7             | 41.7                          |
| PST-2BLK                           | 6.7              | 9.0             | 9.0               | 98.7                       | 76.3                       | 98.7                     | 7.0             | 38.3                          |
| SRX 4692                           | 7.7              | 9.0             | 9.0               | 99.0                       | 90.3                       | 96.3                     | 7.7             | 26.7                          |
| \$ILVER DOLLAR                     | 7.3              | 9.0             | 8.0               | 98.7                       | 86.7                       | 98.3                     | 7.0             | 68.3                          |
| APR 1648                           | 7.7              | 8.7             | 8.7               | 99.0                       | 87.7                       | 94.3                     | 7.0             | 48.3                          |
| BRIGHTSTAR SLT                     | 7.0              | 9.0             | 8.3               | 99.0                       | 87.3                       | 98.3                     | 7.3             | 56.7                          |
| TR47                               | 8.7              | 9.0             | 8.7               | 98.3                       | 86.7                       | 93.3                     | 9.0             | 35.0                          |
| ES45                               | 8.7              | 8.7             | 8.7               | 98.7                       | 73.3                       | 97.7                     | 8.7             | 50.0                          |
| INSPIRE                            | 6.7              | 9.0             | 9.0               | 99.0                       | 92.7                       | 94.7                     | 7.7             | 41.7                          |
| GOALKEEPER II (JR-114)             | 7.0              | 9.0             | 8.3               | 99.0                       | 72.3                       | 97.3                     | 8.0             | 38.3                          |
| LPR 02203                          | 5.3              | 9.0             | 8.0               | 99.0                       | 92.3                       | 98.7                     | 6.0             | 56.7                          |
| QUICKSILVER                        | 7.3              | 9.0             | 9.0               | 99.0                       | 89.7                       | 98.3                     | 7.3             | 46.7                          |
| 04-BRE                             | 8.0              | 9.0             | 9.0               | 99.0                       | 73.3                       | 97.0                     | 7.7             | 30.0                          |
| BAR LP 4420                        | 7.7              | 9.0             | 9.0               | 99.0                       | 84.0                       | 97.0                     | 7.7             | 41.7                          |
| DCM                                | 7.3              | 8.3             | 9.0               | 98.7                       | 75.3                       | 92.3                     | 6.7             | 50.0                          |
| PST-2LAN                           | 6.7              | 9.0             | 8.3               | 99.0                       | 75.0                       | 98.0                     | 7.0             | 33.3                          |
| APR 1663                           | 7.0              | 9.0             | 9.0               | 99.0                       | 78.7                       | 97.0                     | 6.7             | 46.7                          |
| BARLENNIUM                         | 7.0              | 9.0             | 8.7               | 99.0                       | 78.0                       | 97.3                     | 6.3             | 48.3                          |
| REGAL 5 (IS-PR 271)                | 8.7              | 8.0             | 9.0               | 99.0                       | 84.3                       | 93.7                     | 8.0             | 50.0                          |
| TOP GUN II (JR-324)                | 7.7              | 9.0             | 9.0               | 99.0                       | 61.7                       | 87.3                     | 8.0             | 53.3                          |
| MANHATTAN 5 GLR (PST-2AM)          | 6.7              | 8.7             | 8.3               | 99.0                       | 84.3                       | 90.7                     | 7.0             | 51.7                          |
| REPELL GLS                         | 7.3              | 8.7             | 8.7               | 99.0                       | 92.0                       | 97.0                     | 7.3             | 56.7                          |
| BAR LP 4920                        | 7.3              | 8.7             | 8.3               | 99.0                       | 80.0                       | 95.3                     | 7.3             | 53.3                          |
| DP 17-9788                         | 6.7              | 9.0             | 7.7               | 99.0                       | 92.7                       | 96.0                     | 6.7             | 41.7                          |
| ASP6004 (EXS54)                    | 8.7              | 8.3             | 9.0               | 99.0                       | 74.0                       | 92.0                     | 8.0             | 46.7                          |
| IS-PR 236                          | 8.0              | 9.0             | 9.0               | 99.0                       | 80.7                       | 96.7                     | 7.3             | 51.7                          |
| ATTRIBUTE (IS-PR 270)              | 7.7              | 8.7             | 8.7               | 98.3                       | 71.7                       | 96.7                     | 7.0             | 51.7                          |
| PANTHER                            | 6.0              | 9.0             | 9.0               | 99.0                       | 82.3                       | 96.3                     | 6.3             | 73.3                          |
| PST-2GSM                           | 7.3              | 8.7             | 9.0               | 99.0                       | 70.0                       | 97.3                     | 7.0             | 51.7                          |
| ASP6001 (RTS)                      | 8.3              | 9.0             | 9.0               | 99.0                       | 65.7                       | 95.0                     | 8.0             | 41.7                          |

TABLE 20.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT STILLWATER, OK 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                     | GENETIC<br>COLOR | LEAF<br>TEXTURE | DENSITY<br>SUMMER | PERCENT<br>COVER<br>SPRING | PERCENT<br>COVER<br>SUMMER | PERCENT<br>COVER<br>FALL | WINTER<br>COLOR | PERCENT<br>ESTABLISH-<br>MENT |
|--------------------------|------------------|-----------------|-------------------|----------------------------|----------------------------|--------------------------|-----------------|-------------------------------|
| SNR                      | 8.7              | 9.0             | 8.7               | 99.0                       | 73.0                       | 98.0                     | 7.7             | 41.7                          |
| SR 4600 (SRX 4SP)        | 7.3              | 8.7             | 8.7               | 99.0                       | 85.0                       | 96.7                     | 7.0             | 48.3                          |
| AF                       | 7.3              | 8.3             | 9.0               | 99.0                       | 74.7                       | 96.3                     | 7.7             | 50.0                          |
| D04-11T                  | 8.0              | 9.0             | 8.3               | 99.0                       | 80.0                       | 96.0                     | 7.3             | 51.7                          |
| D04-LP05                 | 7.3              | 9.0             | 8.0               | 99.0                       | 76.7                       | 97.3                     | 7.7             | 51.7                          |
| HALO (KN42)              | 8.3              | 9.0             | 7.3               | 98.7                       | 80.3                       | 66.7                     | 8.0             | 40.0                          |
| SP4                      | 9.0              | 9.0             | 8.3               | 99.0                       | 66.7                       | 96.3                     | 8.3             | 43.3                          |
| AAZ-B104                 | 7.7              | 9.0             | 9.0               | 99.0                       | 66.3                       | 91.7                     | 7.0             | 33.3                          |
| PIANIST (DP 17-9505)     | 7.7              | 9.0             | 9.0               | 99.0                       | 81.7                       | 96.3                     | 7.3             | 46.7                          |
| KOKOMO II (IS-PR 235)    | 8.0              | 9.0             | 9.0               | 99.0                       | 67.7                       | 78.0                     | 7.3             | 48.3                          |
| PRIMARY (IS-PR 269)      | 7.3              | 9.0             | 9.0               | 99.0                       | 78.3                       | 94.7                     | 7.0             | 43.3                          |
| MMW                      | 8.0              | 9.0             | 8.3               | 98.0                       | 83.3                       | 96.3                     | 7.0             | 43.3                          |
| MS2                      | 8.3              | 8.7             | 9.0               | 99.0                       | 76.7                       | 92.0                     | 8.0             | 56.7                          |
| PARAGON GLR              | 7.3              | 8.0             | 8.7               | 99.0                       | 83.0                       | 84.3                     | 7.3             | 60.0                          |
| PENTIUM                  | 6.3              | 8.7             | 8.3               | 99.0                       | 66.7                       | 92.0                     | 6.7             | 48.3                          |
| PM 101                   | 8.3              | 9.0             | 9.0               | 99.0                       | 73.3                       | 96.7                     | 8.0             | 50.0                          |
| PM 102                   | 8.3              | 8.3             | 8.0               | 99.0                       | 70.0                       | 95.3                     | 8.0             | 48.3                          |
| SUNSHINE 2               | 8.7              | 9.0             | 8.7               | 98.7                       | 71.7                       | 95.0                     | 8.3             | 51.7                          |
| AFFINITY                 | 5.0              | 8.3             | 7.7               | 99.0                       | 76.7                       | 96.7                     | 5.3             | 70.0                          |
| DP1                      | 7.7              | 9.0             | 9.0               | 98.7                       | 80.3                       | 95.7                     | 7.7             | 65.0                          |
| MONTEREY 3 (JR-408)      | 7.7              | 9.0             | 8.3               | 98.0                       | 79.7                       | 96.7                     | 8.0             | 50.0                          |
| L44                      | 9.0              | 8.3             | 9.0               | 99.0                       | 78.7                       | 93.3                     | 8.7             | 38.3                          |
| FIESTA 4 (PICK F4)       | 7.7              | 9.0             | 9.0               | 98.7                       | 85.3                       | 93.0                     | 7.0             | 50.0                          |
| PST-2MNG                 | 7.3              | 8.7             | 8.7               | 99.0                       | 84.7                       | 94.7                     | 7.7             | 45.0                          |
| DERBY XTREME (IS-PR 268) | 7.7              | 9.0             | 8.7               | 98.3                       | 68.3                       | 96.3                     | 7.0             | 51.7                          |
| LA QUINTA (JR-255)       | 8.3              | 9.0             | 8.7               | 98.0                       | 80.0                       | 97.0                     | 8.3             | 40.0                          |
| PINNACLE II              | 7.3              | 9.0             | 9.0               | 99.0                       | 73.3                       | 96.7                     | 7.0             | 48.3                          |
| RAD-PR8                  | 7.3              | 9.0             | 8.7               | 99.0                       | 72.7                       | 96.7                     | 7.0             | 41.7                          |
| ASP6005 (AJM)            | 9.0              | 8.3             | 9.0               | 99.0                       | 78.3                       | 95.0                     | 8.0             | 51.7                          |
| PALACE (IS-PR 273)       | 8.7              | 8.7             | 9.0               | 99.0                       | 82.7                       | 93.7                     | 7.7             | 43.3                          |
| DELAWARE XL (PICK 01-2)  | 8.7              | 9.0             | 8.7               | 99.0                       | 68.3                       | 80.3                     | 8.3             | 48.3                          |
| PREMIER                  | 5.3              | 8.7             | 7.7               | 99.0                       | 82.7                       | 98.7                     | 6.0             | 58.3                          |
| PST-2AG4                 | 7.3              | 9.0             | 8.0               | 98.0                       | 76.7                       | 96.7                     | 7.7             | 38.3                          |
| VB99                     | 9.0              | 8.7             | 9.0               | 99.0                       | 68.0                       | 89.3                     | 8.3             | 41.7                          |
| ASP6002 (BPR)            | 9.0              | 9.0             | 8.3               | 99.0                       | 68.3                       | 95.0                     | 8.3             | 41.7                          |
| GPR                      | 8.3              | 9.0             | 8.3               | 96.7                       | 66.7                       | 95.3                     | 7.3             | 40.0                          |
| PREMIER II               | 7.0              | 8.7             | 9.0               | 99.0                       | 76.7                       | 97.0                     | 6.3             | 50.0                          |
| PS-2                     | 7.3              | 8.7             | 9.0               | 99.0                       | 62.0                       | 94.3                     | 7.3             | 43.3                          |
| AC2                      | 8.3              | 9.0             | 8.7               | 98.7                       | 85.7                       | 95.3                     | 8.0             | 55.0                          |
| GALATTI (DP 17-9502)     | 7.3              | 9.0             | 8.3               | 99.0                       | 74.0                       | 94.0                     | 7.0             | 38.3                          |
| E-99                     | 7.0              | 8.7             | 8.3               | 99.0                       | 70.0                       | 93.7                     | 7.0             | 58.3                          |
| FUSION                   | 8.7              | 9.0             | 9.0               | 99.0                       | 60.3                       | 71.3                     | 7.7             | 35.0                          |
| GL-2                     | 8.0              | 9.0             | 9.0               | 99.0                       | 75.7                       | 92.3                     | 7.3             | 51.7                          |
| HEADSTART 2              | 8.7              | 8.7             | 8.7               | 99.0                       | 68.7                       | 84.7                     | 8.7             | 41.7                          |
| CABO II (IS-PR 233)      | 9.0              | 7.7             | 8.7               | 99.0                       | 53.3                       | 92.0                     | 8.3             | 43.3                          |
| PST-217                  | 7.0              | 9.0             | 8.3               | 99.0                       | 61.7                       | 90.0                     | 8.0             | 45.0                          |
| ASP6003 (TRS)            | 8.7              | 8.3             | 9.0               | 98.3                       | 65.0                       | 87.0                     | 8.0             | 46.7                          |

TABLE 20.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT STILLWATER, OK 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                              | GENETIC<br>COLOR | LEAF<br>TEXTURE | DENSITY<br>SUMMER | PERCENT<br>COVER<br>SPRING | PERCENT<br>COVER<br>SUMMER | PERCENT<br>COVER<br>FALL | WINTER<br>COLOR | PERCENT<br>ESTABLISH-<br>MENT |
|-----------------------------------|------------------|-----------------|-------------------|----------------------------|----------------------------|--------------------------|-----------------|-------------------------------|
| PHENOM (APR 1660)                 | 7.7              | 9.0             | 8.7               | 97.7                       | 68.3                       | 91.0                     | 6.7             | 36.7                          |
| BUENA VISTA                       | 7.3              | 9.0             | 8.3               | 98.3                       | 50.0                       | 89.7                     | 7.3             | 40.0                          |
| AMAZING GS (IS-PR 276)            | 8.0              | 8.0             | 9.0               | 99.0                       | 56.7                       | 90.7                     | 7.3             | 53.3                          |
| KEYSTONE 2 (IS-PR 312)            | 7.0              | 9.0             | 9.0               | 99.0                       | 66.7                       | 89.0                     | 7.0             | 60.0                          |
| ALL*STAR 3 (IS-PR 274)            | 8.0              | 8.3             | 9.0               | 99.0                       | 60.0                       | 74.3                     | 7.3             | 55.0                          |
| PALMER III                        | 6.3              | 9.0             | 8.0               | 99.0                       | 73.3                       | 96.7                     | 6.3             | 40.0                          |
| PINNACLE                          | 5.0              | 8.0             | 7.0               | 99.0                       | 81.7                       | 98.0                     | 5.3             | 50.0                          |
| RNS                               | 7.3              | 8.7             | 8.7               | 99.0                       | 67.0                       | 79.3                     | 7.3             | 66.7                          |
| ARR 1664                          | 7.7              | 8.7             | 8.7               | 97.3                       | 76.7                       | 89.7                     | 6.3             | 36.7                          |
| CHARISMATIC II GLSR (LTP-PG-GLSR) | 7.3              | 9.0             | 8.7               | 99.0                       | 66.7                       | 95.3                     | 7.0             | 46.7                          |
| PICK 02-R                         | 8.7              | 9.0             | 8.7               | 99.0                       | 66.7                       | 86.7                     | 8.7             | 35.0                          |
| DP 17-9499                        | 8.0              | 9.0             | 8.3               | 99.0                       | 56.7                       | 89.0                     | 7.3             | 43.3                          |
| OVERDRIVE                         | 7.7              | 8.7             | 9.0               | 98.3                       | 56.7                       | 82.3                     | 8.0             | 41.7                          |
| PANTHER GLS                       | 7.3              | 9.0             | 9.0               | 99.0                       | 73.3                       | 91.0                     | 7.3             | 50.0                          |
| PICK RB-1                         | 7.7              | 8.0             | 9.0               | 99.0                       | 65.0                       | 93.3                     | 7.7             | 53.3                          |
| LCK                               | 8.0              | 8.3             | 9.0               | 99.0                       | 39.0                       | 64.0                     | 7.7             | 46.7                          |
| PALMER IV                         | 8.3              | 8.3             | 9.0               | 99.0                       | 71.3                       | 71.7                     | 7.7             | 55.0                          |
| PM 103                            | 7.7              | 9.0             | 8.3               | 99.0                       | 60.0                       | 78.0                     | 7.7             | 51.7                          |
| D04-UP                            | 7.0              | 9.0             | 9.0               | 98.3                       | 69.3                       | 90.7                     | 7.0             | 40.0                          |
| PROTEGE GLR                       | 7.0              | 8.3             | 8.7               | 99.0                       | 51.3                       | 90.7                     | 7.3             | 56.7                          |
| GRAY STAR (PST-2LGL)              | 7.3              | 9.0             | 8.7               | 98.0                       | 58.3                       | 90.0                     | 6.7             | 40.0                          |
| MACH I                            | 7.7              | 8.3             | 9.0               | 99.0                       | 45.0                       | 86.0                     | 7.7             | 50.0                          |
| HARRIER (SRX 4UP3)                | 7.0              | 8.7             | 8.7               | 99.0                       | 36.7                       | 66.0                     | 7.3             | 51.7                          |
| PRESIDIO (CNV)                    | 7.7              | 9.0             | 8.7               | 96.0                       | 41.7                       | 90.0                     | 7.3             | 41.7                          |
| LINN                              | 3.7              | 7.0             | 4.3               | 99.0                       | 61.7                       | 97.3                     | 5.0             | 53.3                          |
| LSD VALUE                         | 0.8              | 0.9             | 1.0               | 4.2                        | 72.5                       | 45.6                     | 0.9             | 20.9                          |
| C.V. (%)                          | 7.0              | 4.9             | 6.5               | 0.8                        | 26.8                       | 12.7                     | 7.7             | 21.8                          |

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 20. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT STILLWATER, OK 1/  
 2005 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                               | QUALITY RATINGS |     |     |     |     |     |     |     |     |      |
|------------------------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|------|
|                                    | MAR             | APR | MAY | JUL | AUG | SEP | OCT | NOV | DEC | MEAN |
| ASP6006 (LPFG)                     | 8.7             | 8.0 | 9.0 | 6.0 | 6.3 | 3.3 | 6.7 | 9.0 | 9.0 | 7.3  |
| 04-BEN                             | 7.7             | 8.0 | 9.0 | 4.0 | 4.7 | 4.0 | 6.7 | 9.0 | 9.0 | 6.9  |
| ACCENT II (JR-119)                 | 7.7             | 7.7 | 9.0 | 5.7 | 4.3 | 3.3 | 6.3 | 8.7 | 9.0 | 6.9  |
| REVENGE GLX (JR-348)               | 7.0             | 7.3 | 9.0 | 5.0 | 5.3 | 3.7 | 6.7 | 8.7 | 9.0 | 6.9  |
| CADDIESHACK II (JR-163)            | 8.0             | 7.0 | 9.0 | 5.7 | 5.3 | 2.3 | 6.3 | 7.3 | 9.0 | 6.7  |
| CITATION FORE                      | 6.0             | 7.7 | 9.0 | 4.7 | 4.3 | 4.0 | 6.3 | 9.0 | 8.3 | 6.6  |
| BAR LP 4317                        | 7.7             | 6.7 | 9.0 | 5.3 | 4.7 | 3.0 | 5.0 | 8.7 | 8.3 | 6.5  |
| D04-1667                           | 8.0             | 8.3 | 9.0 | 5.0 | 3.7 | 3.0 | 5.7 | 7.3 | 7.3 | 6.4  |
| SRX 4682                           | 7.0             | 7.0 | 9.0 | 4.3 | 4.3 | 3.7 | 5.7 | 7.7 | 8.7 | 6.4  |
| VB77                               | 8.7             | 8.3 | 9.0 | 6.0 | 5.0 | 2.3 | 5.3 | 6.0 | 7.3 | 6.4  |
| APR 1670                           | 7.0             | 7.7 | 8.3 | 4.3 | 5.0 | 2.3 | 5.0 | 8.0 | 8.7 | 6.3  |
| PWDR                               | 7.0             | 7.3 | 9.0 | 5.0 | 4.0 | 3.0 | 6.3 | 7.0 | 8.3 | 6.3  |
| RG3P                               | 7.0             | 7.7 | 9.0 | 6.0 | 6.0 | 1.3 | 4.3 | 7.3 | 7.7 | 6.3  |
| SECRETARIAT II GLSR (LTP-101-GLSR) | 6.7             | 7.0 | 8.7 | 6.0 | 3.7 | 1.7 | 5.3 | 8.0 | 9.0 | 6.2  |
| LINE DRIVE GLS (APR 1797)          | 6.7             | 7.3 | 9.0 | 5.3 | 4.7 | 2.3 | 5.0 | 7.3 | 7.0 | 6.1  |
| EXACTA II GLSR (LTP-611-GLSR)      | 8.0             | 8.3 | 9.0 | 5.7 | 4.7 | 1.7 | 4.3 | 6.7 | 7.0 | 6.1  |
| PIZZAZZ                            | 6.7             | 8.3 | 9.0 | 4.7 | 4.0 | 2.3 | 5.3 | 7.0 | 7.7 | 6.1  |
| PRG HS-01-09                       | 7.7             | 8.0 | 9.0 | 4.3 | 5.7 | 2.3 | 4.7 | 6.0 | 7.3 | 6.1  |
| PST-2BLK                           | 5.3             | 6.7 | 9.0 | 5.0 | 3.3 | 3.3 | 5.3 | 8.3 | 9.0 | 6.1  |
| SRX 4692                           | 6.7             | 8.0 | 9.0 | 5.3 | 5.3 | 3.0 | 5.0 | 6.3 | 6.3 | 6.1  |
| SILVER DOLLAR                      | 6.0             | 7.3 | 9.0 | 4.0 | 3.0 | 2.0 | 5.0 | 8.3 | 9.0 | 6.0  |
| APR 1648                           | 6.3             | 6.7 | 9.0 | 5.3 | 5.0 | 3.0 | 4.7 | 6.7 | 7.3 | 6.0  |
| BRIGHTSTAR SLT                     | 7.7             | 8.0 | 8.7 | 4.0 | 3.7 | 1.7 | 5.3 | 8.0 | 7.3 | 6.0  |
| TR47                               | 7.0             | 8.3 | 8.7 | 5.7 | 5.0 | 3.0 | 5.0 | 5.7 | 6.0 | 6.0  |
| ES45                               | 8.0             | 8.0 | 9.0 | 4.0 | 3.7 | 1.3 | 4.0 | 7.0 | 8.0 | 5.9  |
| INSPIRE                            | 6.0             | 7.7 | 9.0 | 5.7 | 5.3 | 2.7 | 5.3 | 6.0 | 5.0 | 5.9  |
| GOALKEEPER II (JR-114)             | 8.0             | 7.7 | 9.0 | 3.7 | 3.3 | 2.7 | 5.0 | 6.7 | 7.3 | 5.9  |
| LPR 02203                          | 5.7             | 6.7 | 7.0 | 4.3 | 4.3 | 2.7 | 5.3 | 8.3 | 8.3 | 5.9  |
| QUICKSILVER                        | 5.7             | 7.0 | 9.0 | 4.3 | 4.0 | 2.0 | 5.0 | 7.7 | 8.0 | 5.9  |
| 04-BRE                             | 8.0             | 8.0 | 9.0 | 3.7 | 3.3 | 2.3 | 4.3 | 6.3 | 7.0 | 5.8  |
| BAR LP 4420                        | 6.7             | 7.0 | 9.0 | 5.0 | 3.7 | 1.7 | 4.7 | 7.0 | 7.3 | 5.8  |
| DCM                                | 6.3             | 8.0 | 9.0 | 4.7 | 4.7 | 1.0 | 4.3 | 7.0 | 7.0 | 5.8  |
| PST-2LAN                           | 7.0             | 7.7 | 8.7 | 4.7 | 2.7 | 2.0 | 4.7 | 7.7 | 7.3 | 5.8  |
| APR 1663                           | 6.3             | 7.0 | 9.0 | 5.0 | 4.7 | 1.7 | 4.3 | 6.3 | 6.7 | 5.7  |
| BARLENNIUM                         | 7.3             | 7.3 | 9.0 | 4.3 | 3.0 | 2.0 | 4.0 | 6.7 | 7.7 | 5.7  |
| REGAL 5 (IS-PR 271)                | 8.3             | 7.7 | 9.0 | 6.7 | 3.7 | 1.7 | 4.3 | 5.3 | 5.0 | 5.7  |
| TOP GUN II (JR-324)                | 8.0             | 8.3 | 9.0 | 4.7 | 2.7 | 2.7 | 4.3 | 5.7 | 6.0 | 5.7  |
| MANHATTAN 5 GLR (PST-2AM)          | 7.7             | 7.3 | 9.0 | 3.7 | 2.3 | 3.0 | 5.3 | 6.7 | 6.7 | 5.7  |
| REPELL GLS                         | 7.7             | 7.3 | 9.0 | 4.7 | 3.0 | 1.0 | 4.3 | 7.3 | 6.7 | 5.7  |
| BAR LP 4920                        | 7.0             | 7.0 | 9.0 | 5.3 | 4.0 | 1.7 | 4.3 | 5.3 | 6.7 | 5.6  |
| DP 17-9788                         | 7.0             | 7.7 | 8.0 | 5.3 | 5.0 | 1.0 | 4.0 | 6.3 | 6.3 | 5.6  |
| ASP6004 (EXS54)                    | 8.7             | 8.3 | 9.0 | 5.7 | 4.0 | 1.3 | 3.0 | 4.7 | 5.3 | 5.6  |
| IS-PR 236                          | 7.7             | 8.0 | 9.0 | 5.3 | 3.3 | 1.3 | 3.3 | 5.3 | 6.7 | 5.6  |
| ATTRIBUTE (IS-PR 270)              | 6.7             | 6.7 | 9.0 | 4.3 | 2.3 | 2.7 | 4.7 | 7.0 | 6.7 | 5.6  |
| PANTHER                            | 7.0             | 7.0 | 8.0 | 3.7 | 3.7 | 2.3 | 4.3 | 7.0 | 7.0 | 5.6  |
| PST-2GSM                           | 7.0             | 7.3 | 9.0 | 4.3 | 3.0 | 1.3 | 3.3 | 7.7 | 7.7 | 5.6  |
| ASP6001 (RTS)                      | 7.7             | 8.0 | 9.0 | 3.7 | 3.0 | 2.7 | 3.7 | 6.3 | 6.7 | 5.6  |

TABLE 20. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT STILLWATER, OK 1/  
 2005 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                     | QUALITY RATINGS |     |     |     |     |     |     |     |     |     | MEAN |
|--------------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
|                          | MAR             | APR | MAY | JUL | AUG | SEP | OCT | NOV | DEC |     |      |
| SNR                      | 6.3             | 7.0 | 9.0 | 3.7 | 3.0 | 1.7 | 3.7 | 7.3 | 8.3 | 5.6 |      |
| SR 4600 (SRX 4SP)        | 7.3             | 7.3 | 9.0 | 5.3 | 2.7 | 1.3 | 4.7 | 6.0 | 6.3 | 5.6 |      |
| AF                       | 7.0             | 7.3 | 9.0 | 4.7 | 3.3 | 1.3 | 4.0 | 5.7 | 7.0 | 5.5 |      |
| D04-11T                  | 8.0             | 7.7 | 9.0 | 5.3 | 3.0 | 1.3 | 4.0 | 5.0 | 6.3 | 5.5 |      |
| D04-LP05                 | 7.3             | 7.0 | 8.7 | 3.7 | 2.3 | 2.0 | 5.0 | 6.3 | 7.3 | 5.5 |      |
| HALO (KN42)              | 5.7             | 7.3 | 8.7 | 4.3 | 3.3 | 2.0 | 5.3 | 6.3 | 6.7 | 5.5 |      |
| SP4                      | 8.0             | 8.3 | 9.0 | 4.3 | 2.7 | 1.3 | 3.7 | 6.0 | 6.3 | 5.5 |      |
| AAZ-B104                 | 8.0             | 8.3 | 9.0 | 3.3 | 3.0 | 3.0 | 4.3 | 5.0 | 5.0 | 5.4 |      |
| PIANIST (DP 17-9505)     | 7.7             | 7.3 | 9.0 | 6.0 | 3.7 | 1.0 | 3.0 | 5.0 | 5.7 | 5.4 |      |
| KOKOMO II (IS-PR 235)    | 7.3             | 8.0 | 9.0 | 5.3 | 3.0 | 2.7 | 4.0 | 4.7 | 4.3 | 5.4 |      |
| PRIMARY (IS-PR 269)      | 6.3             | 7.3 | 9.0 | 5.0 | 3.7 | 1.7 | 4.7 | 5.7 | 5.7 | 5.4 |      |
| MMW                      | 6.7             | 7.7 | 8.0 | 6.0 | 3.7 | 1.3 | 3.0 | 6.0 | 6.3 | 5.4 |      |
| MS2                      | 7.3             | 7.3 | 9.0 | 4.7 | 3.3 | 2.0 | 4.3 | 5.7 | 5.3 | 5.4 |      |
| PARAGON GLR              | 8.3             | 7.7 | 9.0 | 4.7 | 4.3 | 2.3 | 3.3 | 4.3 | 4.3 | 5.4 |      |
| PENTIUM                  | 7.0             | 7.7 | 8.7 | 5.3 | 3.0 | 2.0 | 3.7 | 5.7 | 5.3 | 5.4 |      |
| PM 101                   | 6.3             | 7.3 | 9.0 | 5.0 | 2.0 | 2.0 | 4.0 | 6.0 | 7.0 | 5.4 |      |
| PM 102                   | 6.7             | 8.3 | 9.0 | 3.7 | 3.3 | 1.3 | 3.7 | 5.7 | 7.0 | 5.4 |      |
| SUNSHINE 2               | 6.0             | 7.0 | 9.0 | 5.0 | 3.7 | 2.0 | 5.0 | 5.7 | 5.3 | 5.4 |      |
| AFFINITY                 | 6.0             | 6.3 | 7.3 | 5.3 | 3.7 | 1.0 | 3.3 | 7.0 | 7.3 | 5.3 |      |
| DP1                      | 7.0             | 7.3 | 9.0 | 5.3 | 3.3 | 1.3 | 3.7 | 6.0 | 5.0 | 5.3 |      |
| MONTEREY 3 (JR-408)      | 6.0             | 7.0 | 9.0 | 3.3 | 3.7 | 1.0 | 4.7 | 6.7 | 6.7 | 5.3 |      |
| L44                      | 8.0             | 8.0 | 9.0 | 5.0 | 2.3 | 1.0 | 3.0 | 5.3 | 6.0 | 5.3 |      |
| FIESTA 4 (PICK F4)       | 6.7             | 7.0 | 9.0 | 5.0 | 4.0 | 1.7 | 4.0 | 4.7 | 5.3 | 5.3 |      |
| PST-2MNG                 | 6.7             | 7.0 | 9.0 | 4.7 | 2.7 | 1.7 | 3.7 | 6.3 | 6.0 | 5.3 |      |
| DERBY XTREME (IS-PR 268) | 5.7             | 6.0 | 9.0 | 4.3 | 3.3 | 2.0 | 4.7 | 6.0 | 6.0 | 5.2 |      |
| LA QUINTA (JR-255)       | 7.3             | 8.0 | 8.0 | 4.3 | 3.0 | 1.3 | 4.0 | 5.3 | 5.7 | 5.2 |      |
| PINNACLE II              | 5.7             | 7.7 | 9.0 | 4.0 | 3.0 | 1.3 | 3.7 | 6.0 | 6.3 | 5.2 |      |
| RAD-PR8                  | 8.0             | 7.7 | 9.0 | 5.3 | 2.7 | 1.3 | 3.3 | 4.3 | 5.0 | 5.2 |      |
| ASP6005 (AJM)            | 6.7             | 7.0 | 9.0 | 4.3 | 4.0 | 1.3 | 3.3 | 5.0 | 5.3 | 5.1 |      |
| PALACE (IS-PR 273)       | 7.7             | 8.0 | 9.0 | 5.7 | 4.0 | 1.0 | 1.7 | 4.0 | 4.7 | 5.1 |      |
| DELAWARE XL (PICK 01-2)  | 6.7             | 7.7 | 9.0 | 3.3 | 2.0 | 1.3 | 3.7 | 5.7 | 6.3 | 5.1 |      |
| PREMIER                  | 6.0             | 5.7 | 6.3 | 3.0 | 3.0 | 2.3 | 4.7 | 6.7 | 8.3 | 5.1 |      |
| PST-2AG4                 | 6.0             | 6.7 | 9.0 | 3.7 | 2.0 | 1.7 | 3.7 | 6.3 | 7.3 | 5.1 |      |
| VB99                     | 8.0             | 8.3 | 9.0 | 5.0 | 2.3 | 1.0 | 2.7 | 4.7 | 5.0 | 5.1 |      |
| ASP6002 (BPR)            | 7.3             | 7.7 | 9.0 | 3.7 | 2.7 | 1.0 | 3.0 | 5.3 | 5.7 | 5.0 |      |
| GPR                      | 6.7             | 6.0 | 7.7 | 6.0 | 2.3 | 2.0 | 3.3 | 5.7 | 5.3 | 5.0 |      |
| PREMIER II               | 6.7             | 7.3 | 9.0 | 3.7 | 1.7 | 1.0 | 3.3 | 6.0 | 6.0 | 5.0 |      |
| PS-2                     | 7.0             | 6.7 | 9.0 | 5.7 | 2.3 | 1.3 | 3.0 | 4.0 | 5.7 | 5.0 |      |
| AC2                      | 6.3             | 6.7 | 9.0 | 4.3 | 3.7 | 1.0 | 3.3 | 4.3 | 5.3 | 4.9 |      |
| GALATTI (DP 17-9502)     | 6.3             | 7.0 | 9.0 | 5.7 | 2.7 | 1.0 | 2.0 | 4.3 | 5.7 | 4.9 |      |
| E-99                     | 8.0             | 7.7 | 9.0 | 4.7 | 2.7 | 1.0 | 2.3 | 4.0 | 5.0 | 4.9 |      |
| FUSION                   | 6.7             | 7.3 | 9.0 | 5.0 | 4.0 | 1.0 | 2.7 | 4.3 | 4.3 | 4.9 |      |
| GL-2                     | 6.7             | 7.0 | 9.0 | 4.7 | 2.7 | 1.0 | 3.0 | 4.7 | 5.3 | 4.9 |      |
| HEADSTART 2              | 7.3             | 8.0 | 9.0 | 4.0 | 2.7 | 1.0 | 3.0 | 4.7 | 4.0 | 4.9 |      |
| CABO II (IS-PR 233)      | 7.7             | 8.3 | 9.0 | 4.7 | 2.3 | 1.0 | 2.0 | 4.3 | 4.3 | 4.9 |      |
| PST-217                  | 7.7             | 7.0 | 8.7 | 3.3 | 2.3 | 2.0 | 2.7 | 4.7 | 5.7 | 4.9 |      |
| ASP6003 (TRS)            | 7.3             | 7.7 | 8.7 | 4.7 | 2.7 | 1.0 | 3.3 | 4.0 | 5.0 | 4.9 |      |

TABLE 20. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT STILLWATER, OK 1/  
 2005 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                              | QUALITY RATINGS |      |     |      |      |      |      |      |      | MEAN |
|-----------------------------------|-----------------|------|-----|------|------|------|------|------|------|------|
|                                   | MAR             | APR  | MAY | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  |      |
| PHENOM (APR 1660)                 | 6.0             | 6.7  | 8.3 | 4.3  | 2.0  | 1.0  | 3.7  | 6.0  | 5.0  | 4.8  |
| BUENA VISTA                       | 6.0             | 6.7  | 9.0 | 3.0  | 2.0  | 2.3  | 3.3  | 5.3  | 5.3  | 4.8  |
| AMAZING GS (IS-PR 276)            | 7.3             | 7.7  | 9.0 | 5.3  | 2.3  | 1.0  | 2.3  | 4.0  | 4.3  | 4.8  |
| KEYSTONE 2 (IS-PR 312)            | 6.3             | 7.0  | 9.0 | 4.3  | 2.3  | 1.0  | 3.0  | 5.0  | 5.3  | 4.8  |
| ALL*STAR 3 (IS-PR 274)            | 7.7             | 7.7  | 9.0 | 6.0  | 2.0  | 1.3  | 2.3  | 4.0  | 3.3  | 4.8  |
| PALMER III                        | 6.3             | 7.7  | 8.3 | 3.3  | 3.0  | 1.3  | 2.7  | 4.3  | 6.0  | 4.8  |
| PINNACLE                          | 6.0             | 6.0  | 6.0 | 2.7  | 3.0  | 2.7  | 5.0  | 6.3  | 5.7  | 4.8  |
| RNS                               | 6.0             | 7.3  | 9.0 | 5.3  | 2.7  | 2.0  | 3.3  | 4.0  | 3.7  | 4.8  |
| ARR 1664                          | 7.0             | 7.3  | 8.0 | 4.3  | 3.0  | 1.0  | 2.7  | 4.0  | 4.7  | 4.7  |
| CHARISMATIC II GLSR (LTP-PG-GLSR) | 6.0             | 6.7  | 8.3 | 4.3  | 3.0  | 1.0  | 2.7  | 4.7  | 5.3  | 4.7  |
| PICK 02-R                         | 6.0             | 8.0  | 9.0 | 5.0  | 3.0  | 1.0  | 2.0  | 3.7  | 4.3  | 4.7  |
| DP 17-9499                        | 7.3             | 7.0  | 9.0 | 5.3  | 1.7  | 1.0  | 2.0  | 3.7  | 4.7  | 4.6  |
| OVERDRIVE                         | 6.7             | 8.0  | 8.7 | 4.3  | 2.0  | 1.0  | 2.3  | 4.0  | 4.0  | 4.6  |
| PANTHER GLS                       | 7.3             | 7.3  | 9.0 | 5.3  | 2.3  | 1.0  | 2.3  | 3.3  | 3.3  | 4.6  |
| PICK RB-1                         | 7.3             | 8.0  | 8.7 | 4.0  | 1.7  | 1.0  | 2.0  | 4.7  | 4.0  | 4.6  |
| LCK                               | 8.3             | 8.0  | 9.0 | 4.3  | 1.3  | 1.0  | 2.3  | 2.7  | 3.3  | 4.5  |
| PALMER IV                         | 7.0             | 8.0  | 9.0 | 4.7  | 2.3  | 1.0  | 2.3  | 3.0  | 3.3  | 4.5  |
| PM 103                            | 7.3             | 7.7  | 9.0 | 3.3  | 2.3  | 1.0  | 2.7  | 4.0  | 3.3  | 4.5  |
| DO4-UP                            | 7.3             | 7.7  | 9.0 | 2.7  | 2.0  | 1.0  | 2.3  | 3.7  | 4.0  | 4.4  |
| PROTEGE GLR                       | 7.7             | 8.0  | 9.0 | 2.0  | 2.0  | 1.0  | 2.0  | 3.0  | 4.7  | 4.4  |
| GRAY STAR (PST-2LGL)              | 5.3             | 6.0  | 8.7 | 2.7  | 2.0  | 1.0  | 2.7  | 4.7  | 5.3  | 4.3  |
| MACH I                            | 7.0             | 7.3  | 9.0 | 4.3  | 2.7  | 1.0  | 1.3  | 3.0  | 3.3  | 4.3  |
| HARRIER (SRX 4UP3)                | 7.0             | 6.3  | 9.0 | 3.3  | 1.3  | 1.0  | 1.7  | 3.3  | 3.7  | 4.1  |
| PRESIDIO (CNV)                    | 6.3             | 6.3  | 7.7 | 4.0  | 1.3  | 1.0  | 2.7  | 3.7  | 3.3  | 4.0  |
| LINN                              | 6.0             | 4.7  | 5.0 | 1.0  | 1.7  | 2.0  | 3.7  | 5.7  | 6.3  | 4.0  |
| LSD VALUE                         | 5.1             | 2.4  | 0.8 | 2.4  | 4.2  | 7.4  | 6.4  | 5.7  | 5.5  | 2.2  |
| C.V. (%)                          | 18.5            | 12.6 | 5.7 | 25.3 | 47.4 | 81.4 | 49.0 | 37.2 | 35.4 | 16.9 |

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 21.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT CORVALLIS, OR 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                          | QUALITY RATINGS |                |              |            |              |     |     |     |     |     |     |     |     |     |     |     | MEAN |     |
|-------------------------------|-----------------|----------------|--------------|------------|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
|                               | GENETIC COLOR   | SEEDLING VIGOR | DENSITY FALL | RED THREAD | BROWN BLIGHT | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV |      | DEC |
| APR 1648                      | 7.7             | 5.3            | 6.7          | 7.3        | 9.0          | 5.7 | 5.7 | 5.0 | 5.0 | 5.3 | 6.7 | 7.7 | 7.7 | 7.7 | 7.3 | 5.7 | 6.0  | 6.3 |
| FIREBOLT (PRG HS-01-09)       | 7.7             | 6.0            | 7.3          | 8.7        | 7.0          | 5.0 | 5.0 | 5.3 | 5.7 | 5.3 | 6.3 | 8.3 | 7.7 | 7.0 | 7.3 | 6.0 | 6.7  | 6.3 |
| PARAGON GLR                   | 7.3             | 6.0            | 7.3          | 8.3        | 8.7          | 5.7 | 5.3 | 6.0 | 5.7 | 6.0 | 5.3 | 7.3 | 7.7 | 7.3 | 7.0 | 6.3 | 6.3  | 6.3 |
| PM 101                        | 8.0             | 5.7            | 7.0          | 8.0        | 8.3          | 5.3 | 5.7 | 5.7 | 5.7 | 5.7 | 6.0 | 8.0 | 7.7 | 6.7 | 7.0 | 5.7 | 6.3  | 6.3 |
| RG3P                          | 7.7             | 5.7            | 7.7          | 8.0        | 9.0          | 5.3 | 5.3 | 5.3 | 5.7 | 5.3 | 5.7 | 7.7 | 8.0 | 7.3 | 7.0 | 6.3 | 6.7  | 6.3 |
| OVERDRIVE                     | 7.0             | 5.7            | 7.0          | 7.7        | 8.0          | 5.3 | 5.3 | 5.3 | 5.3 | 5.0 | 6.0 | 7.7 | 7.7 | 7.3 | 7.0 | 5.7 | 6.3  | 6.2 |
| LINE DRIVE GLS (APR 1797)     | 6.0             | 6.3            | 6.7          | 8.3        | 7.3          | 5.3 | 5.3 | 5.7 | 5.7 | 5.0 | 6.0 | 7.3 | 8.0 | 7.3 | 7.0 | 5.0 | 6.0  | 6.1 |
| BUENA VISTA                   | 7.0             | 5.7            | 6.7          | 8.3        | 9.0          | 5.7 | 5.0 | 5.3 | 5.3 | 5.0 | 5.3 | 8.0 | 7.7 | 7.0 | 7.0 | 5.7 | 6.0  | 6.1 |
| D04-1667                      | 6.7             | 5.3            | 6.7          | 8.7        | 6.7          | 4.7 | 4.7 | 5.0 | 5.7 | 5.7 | 6.3 | 8.3 | 8.0 | 7.0 | 6.7 | 5.3 | 6.0  | 6.1 |
| CABO II (IS-PR 233)           | 8.3             | 5.0            | 7.0          | 8.3        | 9.0          | 5.7 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 7.0 | 7.7 | 7.0 | 7.0 | 5.7 | 6.3  | 6.1 |
| KOKOMO II (IS-PR 235)         | 7.3             | 6.0            | 7.0          | 8.3        | 9.0          | 6.0 | 5.7 | 5.3 | 5.0 | 5.0 | 5.0 | 7.0 | 7.7 | 7.7 | 6.7 | 5.7 | 6.3  | 6.1 |
| REGAL 5 (IS-PR 271)           | 7.0             | 6.3            | 6.7          | 7.3        | 9.0          | 6.0 | 5.7 | 5.7 | 5.7 | 5.0 | 6.0 | 6.7 | 7.7 | 6.3 | 6.7 | 5.7 | 5.7  | 6.1 |
| ALL*STAR 3 (IS-PR 274)        | 7.0             | 5.7            | 7.3          | 8.3        | 9.0          | 5.0 | 5.7 | 5.3 | 5.3 | 5.0 | 5.7 | 7.3 | 7.7 | 7.3 | 7.3 | 5.7 | 6.3  | 6.1 |
| RNS                           | 7.0             | 6.3            | 6.3          | 8.3        | 9.0          | 5.7 | 5.0 | 5.0 | 5.3 | 5.3 | 5.7 | 7.3 | 8.0 | 7.0 | 7.0 | 5.3 | 6.3  | 6.1 |
| SUNSHINE 2                    | 8.3             | 5.3            | 7.0          | 8.0        | 6.7          | 4.7 | 4.7 | 5.3 | 5.0 | 5.3 | 6.3 | 8.0 | 7.7 | 7.7 | 7.0 | 5.3 | 6.0  | 6.1 |
| D04-11T                       | 7.7             | 5.7            | 7.0          | 8.0        | 9.0          | 5.0 | 5.0 | 4.7 | 5.3 | 5.3 | 6.0 | 7.7 | 7.7 | 6.7 | 7.0 | 5.3 | 6.0  | 6.0 |
| EXACTA II GLSR (LTP-611-GLSR) | 7.7             | 5.7            | 7.0          | 8.7        | 9.0          | 4.7 | 5.0 | 5.3 | 5.7 | 6.0 | 5.0 | 7.3 | 7.3 | 7.0 | 7.0 | 6.0 | 6.0  | 6.0 |
| GPR                           | 7.7             | 4.3            | 7.7          | 9.0        | 6.0          | 4.0 | 4.7 | 5.3 | 5.3 | 5.3 | 6.0 | 7.7 | 8.0 | 6.7 | 7.0 | 6.0 | 6.3  | 6.0 |
| DERBY XTREME (IS-PR 268)      | 7.3             | 5.7            | 7.0          | 8.7        | 9.0          | 5.3 | 5.3 | 5.3 | 5.0 | 5.0 | 5.0 | 7.0 | 8.0 | 8.0 | 6.7 | 5.3 | 6.0  | 6.0 |
| ATTRIBUTE (IS-PR 270)         | 7.3             | 5.3            | 6.7          | 8.0        | 9.0          | 5.7 | 5.3 | 5.0 | 5.7 | 5.7 | 5.7 | 7.3 | 7.7 | 7.0 | 6.7 | 5.0 | 5.3  | 6.0 |
| PALMER IV                     | 7.7             | 5.3            | 7.0          | 8.7        | 9.0          | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 4.7 | 7.7 | 7.7 | 7.3 | 6.3 | 5.7 | 6.3  | 6.0 |
| FIESTA 4 (PICK F4)            | 8.0             | 5.0            | 7.0          | 8.7        | 9.0          | 5.0 | 5.0 | 5.0 | 5.3 | 5.3 | 5.0 | 7.3 | 7.7 | 7.3 | 7.0 | 5.7 | 6.3  | 6.0 |
| PROTEGE GLR                   | 8.3             | 6.7            | 7.3          | 8.3        | 9.0          | 5.7 | 5.3 | 5.3 | 5.7 | 5.7 | 4.3 | 6.0 | 7.7 | 7.3 | 7.0 | 6.0 | 6.3  | 6.0 |
| O4-BEN                        | 6.3             | 4.7            | 7.0          | 8.7        | 6.7          | 4.7 | 4.3 | 5.0 | 5.3 | 5.7 | 5.3 | 7.7 | 7.7 | 7.0 | 7.0 | 5.3 | 5.7  | 5.9 |
| AC2                           | 7.7             | 5.0            | 6.3          | 7.0        | 5.7          | 4.0 | 4.0 | 5.3 | 5.3 | 5.3 | 6.0 | 7.3 | 7.3 | 7.7 | 7.3 | 5.3 | 6.3  | 5.9 |
| APR 1670                      | 6.3             | 5.3            | 6.7          | 7.7        | 7.0          | 5.3 | 4.7 | 4.7 | 5.3 | 5.3 | 6.0 | 7.3 | 7.3 | 7.7 | 7.0 | 4.7 | 6.0  | 5.9 |
| CADDIESHACK II (JR-163)       | 6.3             | 4.0            | 7.0          | 7.7        | 5.3          | 3.7 | 3.3 | 5.3 | 5.7 | 6.0 | 6.3 | 7.3 | 7.3 | 7.7 | 7.0 | 5.0 | 6.0  | 5.9 |
| FUSION                        | 7.3             | 5.3            | 5.7          | 9.0        | 9.0          | 5.3 | 5.3 | 5.3 | 5.3 | 5.7 | 5.0 | 7.3 | 7.3 | 6.7 | 6.7 | 4.7 | 5.7  | 5.9 |
| KEYSTONE 2 (IS-PR 312)        | 6.0             | 5.3            | 6.7          | 7.3        | 8.7          | 4.7 | 5.0 | 5.3 | 5.3 | 5.3 | 5.3 | 7.3 | 7.3 | 7.0 | 6.7 | 5.3 | 5.7  | 5.9 |
| LCK                           | 6.7             | 5.0            | 7.0          | 8.7        | 9.0          | 5.3 | 5.3 | 5.0 | 5.3 | 4.7 | 5.7 | 7.0 | 7.0 | 6.7 | 7.0 | 5.7 | 5.7  | 5.9 |
| MACH I                        | 6.7             | 5.0            | 6.7          | 8.3        | 8.0          | 4.7 | 4.7 | 5.3 | 5.0 | 5.0 | 5.7 | 7.7 | 7.7 | 6.7 | 7.0 | 5.3 | 6.3  | 5.9 |
| MMW                           | 6.3             | 5.0            | 6.0          | 8.3        | 8.7          | 5.3 | 4.7 | 4.7 | 5.7 | 5.3 | 5.3 | 7.0 | 7.3 | 7.0 | 6.7 | 5.7 | 6.0  | 5.9 |
| PANTHER GLS                   | 6.7             | 5.7            | 6.0          | 8.3        | 6.7          | 5.0 | 4.7 | 5.0 | 5.3 | 5.3 | 6.0 | 7.0 | 7.7 | 7.3 | 7.0 | 5.0 | 5.7  | 5.9 |
| PICK 02-R                     | 8.3             | 5.3            | 7.0          | 9.0        | 6.7          | 4.0 | 4.3 | 4.7 | 5.7 | 5.3 | 6.0 | 7.3 | 7.7 | 7.3 | 7.3 | 5.3 | 6.3  | 5.9 |
| PICK RB-1                     | 6.7             | 5.7            | 7.0          | 7.7        | 9.0          | 5.7 | 5.3 | 5.3 | 6.0 | 5.0 | 5.0 | 6.7 | 7.3 | 6.7 | 7.0 | 5.7 | 5.7  | 5.9 |
| PRIMARY (IS-PR 269)           | 6.3             | 5.3            | 6.3          | 7.7        | 9.0          | 5.7 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 7.0 | 7.0 | 7.0 | 6.7 | 5.3 | 6.0  | 5.9 |
| REPELL GLS                    | 6.0             | 5.3            | 6.3          | 8.3        | 8.0          | 5.7 | 4.7 | 4.7 | 5.3 | 5.3 | 5.3 | 7.3 | 7.7 | 7.0 | 7.0 | 5.3 | 5.7  | 5.9 |
| AAZ-B104                      | 6.7             | 6.0            | 6.7          | 8.3        | 9.0          | 5.3 | 5.3 | 5.3 | 5.7 | 5.3 | 4.3 | 6.0 | 7.7 | 6.7 | 6.7 | 5.3 | 5.7  | 5.8 |
| D04-UP                        | 6.7             | 4.7            | 7.3          | 8.0        | 8.7          | 5.0 | 4.7 | 4.7 | 5.0 | 5.0 | 4.3 | 7.0 | 7.3 | 7.3 | 7.3 | 6.0 | 6.3  | 5.8 |
| GL-2                          | 7.0             | 5.0            | 6.3          | 8.7        | 9.0          | 5.3 | 5.0 | 5.0 | 5.3 | 5.0 | 5.3 | 7.0 | 7.7 | 7.0 | 6.7 | 5.0 | 5.7  | 5.8 |
| AMAZING GS (IS-PR 276)        | 7.7             | 5.0            | 6.7          | 8.0        | 9.0          | 5.3 | 5.0 | 4.7 | 4.7 | 5.0 | 5.0 | 7.0 | 7.3 | 6.7 | 6.7 | 5.7 | 6.0  | 5.8 |
| PST-2LAN                      | 5.7             | 5.3            | 6.7          | 7.0        | 6.0          | 4.7 | 4.3 | 5.0 | 5.3 | 5.3 | 5.7 | 6.7 | 7.0 | 6.7 | 7.0 | 5.3 | 6.0  | 5.8 |
| SR 4600 (SRX 4SP)             | 7.0             | 5.0            | 6.7          | 7.7        | 9.0          | 5.3 | 5.0 | 5.0 | 5.0 | 4.7 | 5.0 | 7.0 | 7.7 | 7.0 | 7.0 | 5.3 | 6.0  | 5.8 |
| D04-LP05                      | 7.0             | 5.3            | 7.0          | 7.3        | 8.0          | 4.3 | 4.3 | 5.3 | 5.0 | 5.7 | 4.7 | 6.7 | 7.3 | 6.7 | 7.0 | 5.3 | 6.3  | 5.7 |
| DP1                           | 7.3             | 5.0            | 7.0          | 7.0        | 9.0          | 5.0 | 5.0 | 5.0 | 5.3 | 5.0 | 4.7 | 6.3 | 7.3 | 6.7 | 7.0 | 5.3 | 5.3  | 5.7 |
| HEADSTART 2                   | 7.3             | 5.3            | 6.7          | 8.3        | 6.7          | 4.3 | 4.3 | 5.0 | 5.0 | 4.7 | 5.7 | 7.3 | 7.3 | 7.0 | 7.0 | 5.0 | 5.7  | 5.7 |
| INSPIRE                       | 6.3             | 4.7            | 6.3          | 7.7        | 5.3          | 4.7 | 4.3 | 5.0 | 5.0 | 5.0 | 5.7 | 7.3 | 7.0 | 7.3 | 6.7 | 5.0 | 5.3  | 5.7 |

TABLE 21. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT CORVALLIS, OR 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                               | GENETIC<br>COLOR | SEEDLING<br>VIGOR | DENSITY<br>FALL | RED<br>THREAD | BROWN<br>BLIGHT | QUALITY RATINGS |     |     |     |     |     |     |     |     |     |     |     | MEAN |
|------------------------------------|------------------|-------------------|-----------------|---------------|-----------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
|                                    |                  |                   |                 |               |                 | JAN             | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |      |
| MANHATTAN 5 GLR (PST-2AM)          | 6.7              | 4.7               | 6.7             | 8.3           | 6.7             | 4.3             | 4.0 | 5.0 | 5.3 | 5.3 | 5.3 | 7.0 | 7.3 | 6.7 | 6.7 | 5.0 | 6.0 | 5.7  |
| REVENGE GLX (JR-348)               | 7.0              | 5.3               | 7.3             | 7.7           | 9.0             | 5.3             | 4.7 | 5.0 | 5.0 | 5.3 | 5.0 | 6.7 | 7.0 | 6.7 | 6.7 | 5.0 | 5.7 | 5.7  |
| 04-BRE                             | 7.3              | 5.3               | 7.0             | 7.3           | 7.0             | 4.3             | 4.7 | 5.0 | 5.0 | 5.0 | 4.3 | 6.7 | 7.3 | 6.7 | 6.7 | 5.7 | 6.0 | 5.6  |
| BAR LP 4920                        | 6.7              | 5.3               | 7.0             | 6.7           | 6.0             | 4.3             | 4.0 | 4.7 | 4.7 | 4.7 | 4.7 | 6.7 | 7.3 | 7.0 | 7.0 | 5.7 | 6.3 | 5.6  |
| BARLENNIUM                         | 6.0              | 5.0               | 5.7             | 8.7           | 6.3             | 5.0             | 4.3 | 5.0 | 5.0 | 5.3 | 5.7 | 7.0 | 7.3 | 6.3 | 6.7 | 4.7 | 5.3 | 5.6  |
| IS-PR 236                          | 7.0              | 4.3               | 7.0             | 7.7           | 9.0             | 5.0             | 4.7 | 4.7 | 5.0 | 4.7 | 5.0 | 7.0 | 7.0 | 7.0 | 7.0 | 5.0 | 5.7 | 5.6  |
| MONTEREY 3 (JR-408)                | 5.7              | 4.3               | 6.0             | 8.0           | 4.7             | 4.0             | 3.3 | 4.7 | 5.0 | 5.3 | 6.0 | 6.7 | 7.3 | 7.0 | 7.0 | 5.0 | 5.3 | 5.6  |
| MS2                                | 7.0              | 5.0               | 6.7             | 9.0           | 8.0             | 4.3             | 4.3 | 5.0 | 5.0 | 5.0 | 5.0 | 7.0 | 7.7 | 6.7 | 6.7 | 5.0 | 5.7 | 5.6  |
| PALACE (IS-PR 273)                 | 7.0              | 4.7               | 6.0             | 8.7           | 9.0             | 5.3             | 5.0 | 4.7 | 5.0 | 5.0 | 4.7 | 7.0 | 7.7 | 6.3 | 6.7 | 5.0 | 5.3 | 5.6  |
| PANTHER                            | 5.0              | 4.7               | 6.0             | 8.0           | 5.7             | 5.0             | 4.7 | 4.7 | 5.3 | 5.0 | 5.7 | 6.7 | 7.3 | 6.0 | 6.3 | 5.0 | 5.3 | 5.6  |
| PIZZAZZ                            | 6.7              | 5.3               | 6.3             | 7.3           | 7.0             | 4.7             | 5.0 | 5.0 | 5.3 | 4.7 | 5.0 | 6.7 | 7.0 | 7.0 | 6.7 | 5.3 | 5.3 | 5.6  |
| PM 102                             | 8.0              | 5.0               | 6.3             | 7.3           | 8.3             | 4.7             | 4.3 | 4.7 | 4.7 | 5.0 | 5.0 | 7.0 | 7.3 | 6.3 | 7.0 | 5.0 | 6.0 | 5.6  |
| PM 103                             | 7.0              | 5.0               | 7.0             | 8.0           | 6.3             | 4.0             | 4.0 | 4.7 | 5.3 | 5.7 | 5.7 | 7.0 | 7.3 | 6.3 | 6.7 | 5.0 | 6.0 | 5.6  |
| PS-2                               | 6.3              | 4.7               | 6.7             | 8.7           | 6.0             | 4.3             | 3.7 | 4.7 | 5.3 | 5.3 | 5.3 | 7.0 | 7.3 | 6.7 | 6.3 | 5.0 | 5.7 | 5.6  |
| PST-2MNG                           | 6.3              | 4.3               | 6.7             | 8.3           | 6.3             | 4.3             | 3.7 | 4.7 | 5.0 | 5.3 | 5.3 | 7.0 | 7.7 | 6.7 | 6.7 | 5.3 | 5.7 | 5.6  |
| VB99                               | 7.7              | 4.3               | 6.7             | 8.3           | 7.0             | 4.0             | 3.7 | 5.0 | 5.0 | 5.0 | 5.7 | 7.0 | 7.3 | 6.7 | 7.0 | 5.3 | 6.0 | 5.6  |
| AF                                 | 6.7              | 4.7               | 6.3             | 8.3           | 8.7             | 4.7             | 4.3 | 5.0 | 4.7 | 5.3 | 5.0 | 6.0 | 7.3 | 7.0 | 6.3 | 5.0 | 5.3 | 5.5  |
| AFFINITY                           | 4.7              | 5.0               | 5.7             | 7.7           | 6.3             | 5.3             | 5.0 | 4.7 | 5.0 | 5.3 | 5.3 | 6.7 | 7.3 | 6.0 | 6.0 | 4.7 | 4.7 | 5.5  |
| ASP6003 (TRS)                      | 7.0              | 5.0               | 7.0             | 8.0           | 6.3             | 3.7             | 3.7 | 5.0 | 5.3 | 5.0 | 5.3 | 7.0 | 7.0 | 6.3 | 6.7 | 5.0 | 5.7 | 5.5  |
| ASP6006 (LPFG)                     | 7.3              | 4.7               | 6.0             | 8.0           | 7.0             | 4.3             | 3.7 | 5.0 | 5.0 | 5.3 | 5.3 | 6.3 | 7.0 | 6.7 | 6.7 | 4.7 | 5.7 | 5.5  |
| DCM                                | 6.7              | 5.0               | 6.7             | 7.7           | 8.0             | 5.0             | 4.3 | 4.7 | 4.7 | 5.3 | 5.0 | 7.3 | 6.7 | 6.0 | 6.3 | 5.0 | 6.0 | 5.5  |
| GALATTI (DP 17-9502)               | 6.3              | 4.7               | 6.0             | 8.3           | 7.0             | 4.0             | 4.0 | 4.7 | 5.0 | 5.0 | 6.0 | 7.0 | 7.3 | 6.3 | 6.7 | 4.7 | 5.0 | 5.5  |
| PREMIER                            | 4.7              | 5.3               | 6.3             | 9.0           | 5.0             | 4.7             | 4.7 | 4.0 | 5.0 | 5.0 | 5.7 | 7.0 | 7.3 | 6.7 | 6.3 | 4.7 | 4.7 | 5.5  |
| PRESIDIO (CNV)                     | 7.7              | 4.3               | 7.0             | 7.3           | 6.7             | 3.3             | 4.0 | 4.7 | 4.7 | 5.0 | 5.3 | 6.3 | 7.0 | 6.3 | 7.0 | 6.0 | 6.3 | 5.5  |
| \$ILVER DOLLAR                     | 6.3              | 4.7               | 6.0             | 7.7           | 7.3             | 4.3             | 4.0 | 4.7 | 4.7 | 4.7 | 5.3 | 7.0 | 7.0 | 6.3 | 6.0 | 5.0 | 5.7 | 5.4  |
| APR 1663                           | 6.0              | 4.7               | 6.7             | 8.0           | 8.3             | 5.0             | 4.3 | 4.7 | 4.7 | 5.3 | 4.7 | 6.3 | 6.7 | 6.3 | 6.7 | 5.0 | 5.3 | 5.4  |
| ASP6005 (AJM)                      | 7.3              | 4.7               | 7.0             | 7.0           | 5.7             | 4.0             | 3.3 | 4.7 | 5.0 | 5.0 | 6.3 | 7.3 | 6.3 | 6.7 | 5.3 | 6.3 | 5.4 | 5.4  |
| BAR LP 4420                        | 6.3              | 5.3               | 6.7             | 6.7           | 7.3             | 4.7             | 3.7 | 5.0 | 5.0 | 4.7 | 5.0 | 6.3 | 7.0 | 6.7 | 6.7 | 5.0 | 5.7 | 5.4  |
| CHARISMATIC II GLSR (LTP-PG-GLSR)  | 6.7              | 4.0               | 6.7             | 8.7           | 7.7             | 4.0             | 4.0 | 4.7 | 4.7 | 5.3 | 4.0 | 7.0 | 7.0 | 6.7 | 6.7 | 5.7 | 5.7 | 5.4  |
| CITATION FORE                      | 6.0              | 5.3               | 6.0             | 8.3           | 7.7             | 5.0             | 4.3 | 4.7 | 5.3 | 4.7 | 5.0 | 6.7 | 7.3 | 6.3 | 5.7 | 4.3 | 5.3 | 5.4  |
| DP 17-9788                         | 5.3              | 4.0               | 6.3             | 8.3           | 6.0             | 3.7             | 4.0 | 4.3 | 5.0 | 5.0 | 6.0 | 6.7 | 7.3 | 6.3 | 6.7 | 4.7 | 5.7 | 5.4  |
| PENTIUM                            | 5.7              | 5.0               | 6.3             | 8.0           | 5.0             | 4.7             | 4.3 | 4.3 | 4.7 | 5.0 | 5.3 | 7.3 | 7.3 | 6.0 | 6.0 | 4.7 | 5.0 | 5.4  |
| PINNACLE                           | 5.0              | 5.3               | 6.0             | 8.7           | 4.7             | 4.3             | 4.7 | 4.0 | 5.0 | 5.0 | 6.0 | 7.7 | 7.3 | 6.3 | 5.7 | 4.7 | 4.7 | 5.4  |
| RAD-PR8                            | 5.3              | 5.7               | 6.0             | 8.7           | 6.7             | 4.3             | 4.3 | 4.7 | 5.0 | 5.0 | 5.3 | 7.0 | 6.3 | 6.3 | 6.3 | 4.7 | 5.7 | 5.4  |
| SECRETARIAT II GLSR (LTP-101-GLSR) | 6.0              | 4.3               | 6.0             | 9.0           | 8.0             | 4.3             | 4.0 | 4.7 | 4.7 | 5.0 | 5.0 | 7.0 | 7.7 | 6.7 | 6.3 | 4.7 | 5.3 | 5.4  |
| ACCENT II (JR-119)                 | 6.0              | 5.0               | 6.3             | 7.7           | 4.0             | 4.0             | 3.3 | 4.7 | 4.7 | 4.7 | 5.0 | 6.3 | 7.3 | 6.7 | 6.7 | 4.7 | 5.3 | 5.3  |
| ES45                               | 8.0              | 4.3               | 6.3             | 8.7           | 7.0             | 3.7             | 3.7 | 4.3 | 5.0 | 5.0 | 5.3 | 7.0 | 7.0 | 6.0 | 6.0 | 5.0 | 5.7 | 5.3  |
| GOALKEEPER II (JR-114)             | 6.3              | 4.0               | 6.3             | 8.7           | 5.0             | 3.3             | 3.3 | 4.3 | 5.0 | 5.0 | 5.3 | 7.0 | 7.0 | 6.3 | 6.3 | 4.7 | 5.3 | 5.3  |
| GRAY STAR (PST-2LGL)               | 6.7              | 4.3               | 7.0             | 8.0           | 6.0             | 3.7             | 3.3 | 4.3 | 5.0 | 4.7 | 4.7 | 6.7 | 7.0 | 7.0 | 6.7 | 5.3 | 5.7 | 5.3  |
| HALO (KN42)                        | 7.3              | 4.0               | 6.7             | 6.7           | 6.0             | 3.7             | 4.0 | 4.7 | 5.0 | 5.0 | 4.7 | 6.7 | 6.7 | 6.0 | 6.3 | 5.3 | 5.7 | 5.3  |
| L44                                | 8.0              | 4.7               | 6.7             | 8.0           | 6.0             | 4.0             | 3.7 | 4.7 | 4.7 | 5.0 | 5.0 | 6.0 | 6.7 | 6.0 | 6.7 | 5.3 | 6.0 | 5.3  |
| PIANIST (DP 17-9505)               | 6.7              | 4.3               | 5.7             | 7.7           | 7.7             | 3.7             | 3.7 | 4.3 | 5.0 | 4.7 | 5.3 | 6.7 | 7.0 | 6.3 | 6.7 | 4.7 | 5.0 | 5.3  |
| PREMIER II                         | 5.3              | 4.3               | 6.3             | 8.3           | 5.0             | 4.3             | 3.7 | 4.3 | 5.0 | 4.7 | 5.3 | 6.7 | 7.0 | 6.0 | 6.3 | 5.0 | 5.3 | 5.3  |
| PST-217                            | 6.3              | 4.0               | 6.0             | 8.3           | 7.0             | 3.3             | 3.7 | 4.3 | 4.7 | 5.0 | 4.7 | 6.3 | 6.7 | 6.7 | 6.7 | 5.3 | 5.7 | 5.3  |
| SNR                                | 7.3              | 4.3               | 6.7             | 8.3           | 6.0             | 4.0             | 3.7 | 4.3 | 4.7 | 4.7 | 5.0 | 6.7 | 6.7 | 6.3 | 6.7 | 5.3 | 5.7 | 5.3  |
| TOP GUN II (JR-324)                | 6.0              | 4.3               | 6.0             | 8.0           | 5.7             | 4.0             | 4.0 | 4.7 | 5.0 | 5.0 | 5.0 | 6.0 | 7.0 | 6.7 | 6.7 | 5.0 | 5.0 | 5.3  |
| PHENOM (APR 1660)                  | 6.0              | 4.3               | 6.3             | 7.3           | 8.7             | 4.7             | 3.7 | 4.3 | 4.7 | 4.3 | 4.7 | 6.3 | 7.0 | 6.3 | 6.3 | 5.0 | 5.0 | 5.2  |

TABLE 21. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT CORVALLIS, OR 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                    | GENETIC<br>COLOR | SEEDLING<br>VIGOR | DENSITY<br>FALL | RED<br>THREAD | BROWN<br>BLIGHT | QUALITY RATINGS |      |      |      |      |      |      |      |     |     |      |      | MEAN |
|-------------------------|------------------|-------------------|-----------------|---------------|-----------------|-----------------|------|------|------|------|------|------|------|-----|-----|------|------|------|
|                         |                  |                   |                 |               |                 | JAN             | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP | OCT | NOV  | DEC  |      |
| APR 1664                | 6.7              | 4.0               | 5.7             | 8.3           | 8.7             | 4.3             | 4.0  | 4.0  | 5.3  | 5.3  | 5.0  | 6.3  | 6.3  | 6.0 | 6.0 | 4.7  | 5.3  | 5.2  |
| ASP6002 (BPR)           | 7.3              | 4.0               | 6.0             | 8.0           | 6.0             | 4.0             | 3.3  | 4.3  | 4.7  | 4.0  | 5.0  | 6.7  | 7.3  | 6.3 | 6.7 | 5.0  | 5.3  | 5.2  |
| BAR LP 4317             | 5.3              | 4.0               | 6.0             | 6.7           | 4.3             | 3.7             | 3.3  | 4.3  | 4.7  | 5.0  | 5.0  | 6.0  | 6.7  | 6.7 | 6.7 | 4.7  | 5.3  | 5.2  |
| BRIGHTSTAR SLT          | 6.0              | 4.7               | 6.0             | 9.0           | 6.0             | 4.0             | 4.3  | 4.7  | 4.7  | 4.7  | 5.0  | 6.3  | 6.7  | 6.3 | 6.0 | 4.7  | 5.3  | 5.2  |
| DP 17-9499              | 6.7              | 4.0               | 6.0             | 9.0           | 7.0             | 4.0             | 4.0  | 4.3  | 5.0  | 4.3  | 5.3  | 7.3  | 6.7  | 6.0 | 6.3 | 4.3  | 4.7  | 5.2  |
| HARRIER (SRX 4UP3)      | 6.7              | 4.3               | 6.7             | 8.3           | 9.0             | 4.0             | 4.3  | 4.0  | 4.7  | 4.7  | 4.3  | 6.7  | 6.7  | 6.7 | 6.3 | 4.7  | 5.3  | 5.2  |
| LA QUINTA (JR-255)      | 7.0              | 3.7               | 6.3             | 8.3           | 7.0             | 3.3             | 3.3  | 4.7  | 4.3  | 4.7  | 4.7  | 6.7  | 7.3  | 6.3 | 6.7 | 4.7  | 5.7  | 5.2  |
| DELAWARE XL (PICK 01-2) | 7.0              | 4.0               | 6.0             | 7.3           | 7.0             | 4.0             | 3.3  | 4.7  | 5.0  | 4.3  | 5.3  | 6.3  | 6.7  | 6.0 | 6.7 | 5.0  | 5.3  | 5.2  |
| PST-2GSM                | 6.3              | 4.0               | 6.3             | 9.0           | 8.3             | 3.7             | 4.0  | 4.0  | 4.7  | 4.3  | 4.3  | 7.3  | 7.0  | 6.3 | 6.0 | 5.3  | 5.3  | 5.2  |
| TR47                    | 8.0              | 3.7               | 7.0             | 9.0           | 6.3             | 3.7             | 3.7  | 4.7  | 4.0  | 4.7  | 5.0  | 6.3  | 6.7  | 6.0 | 6.3 | 5.7  | 6.0  | 5.2  |
| VB77                    | 7.0              | 4.7               | 6.0             | 8.0           | 7.0             | 4.0             | 4.0  | 4.3  | 4.7  | 5.3  | 4.7  | 6.0  | 7.0  | 5.7 | 6.3 | 5.0  | 5.7  | 5.2  |
| ASP6004 (EXS54)         | 7.3              | 4.3               | 6.3             | 7.0           | 7.3             | 3.3             | 3.7  | 4.3  | 4.7  | 5.0  | 5.0  | 6.3  | 7.0  | 5.7 | 6.3 | 5.0  | 5.3  | 5.1  |
| E-99                    | 6.0              | 4.0               | 6.0             | 8.7           | 7.0             | 4.0             | 4.0  | 4.3  | 4.3  | 4.7  | 4.7  | 6.3  | 6.7  | 6.0 | 6.0 | 4.3  | 5.7  | 5.1  |
| LPR 02203               | 5.0              | 4.0               | 6.0             | 8.0           | 3.7             | 3.3             | 3.0  | 4.3  | 4.7  | 4.7  | 5.0  | 6.7  | 7.0  | 6.0 | 6.3 | 5.0  | 5.0  | 5.1  |
| PWDR                    | 7.3              | 4.3               | 6.7             | 8.0           | 6.3             | 4.0             | 3.3  | 4.3  | 4.3  | 4.3  | 5.0  | 6.3  | 6.7  | 5.7 | 6.3 | 5.0  | 5.7  | 5.1  |
| QUICKSILVER             | 6.7              | 4.3               | 6.0             | 8.7           | 6.3             | 3.3             | 3.3  | 4.3  | 4.7  | 4.7  | 5.0  | 6.3  | 7.3  | 6.3 | 6.7 | 4.7  | 5.0  | 5.1  |
| PALMER III              | 5.7              | 4.3               | 6.0             | 9.0           | 5.3             | 3.7             | 3.3  | 4.0  | 4.0  | 4.0  | 4.3  | 7.0  | 6.3  | 6.3 | 5.7 | 4.7  | 5.3  | 4.9  |
| PST-2BLK                | 6.7              | 4.3               | 6.0             | 9.0           | 4.7             | 3.3             | 3.3  | 3.7  | 4.7  | 4.3  | 4.7  | 6.7  | 6.7  | 6.0 | 6.0 | 5.0  | 5.0  | 4.9  |
| SRX 4692                | 6.0              | 4.0               | 5.7             | 8.0           | 6.0             | 4.0             | 3.3  | 4.3  | 4.7  | 4.0  | 4.3  | 6.3  | 6.3  | 6.0 | 5.7 | 4.3  | 5.0  | 4.9  |
| ASP6001 (RTS)           | 6.7              | 4.0               | 6.3             | 7.7           | 4.7             | 3.7             | 2.7  | 4.0  | 4.3  | 4.3  | 4.7  | 5.7  | 6.7  | 5.7 | 6.0 | 5.0  | 5.0  | 4.8  |
| PINNACLE II             | 6.7              | 3.7               | 5.7             | 5.0           | 8.7             | 4.0             | 4.0  | 4.0  | 5.0  | 4.3  | 4.3  | 6.0  | 6.0  | 5.3 | 5.7 | 4.3  | 5.0  | 4.8  |
| PST-2AG4                | 6.0              | 3.3               | 6.0             | 8.3           | 6.3             | 3.0             | 3.0  | 4.0  | 4.3  | 4.3  | 4.3  | 6.3  | 6.7  | 5.7 | 6.0 | 5.0  | 5.0  | 4.8  |
| SP4                     | 8.0              | 4.0               | 6.3             | 7.7           | 6.7             | 3.7             | 3.3  | 4.3  | 4.3  | 4.0  | 4.3  | 6.0  | 5.7  | 5.7 | 6.3 | 4.7  | 5.3  | 4.8  |
| SRX 4682                | 5.7              | 3.7               | 5.3             | 8.3           | 7.0             | 3.7             | 3.3  | 3.7  | 4.3  | 3.7  | 4.0  | 5.0  | 5.7  | 5.3 | 5.3 | 3.7  | 4.7  | 4.4  |
| LINN                    | 4.0              | 4.0               | 3.7             | 8.7           | 3.3             | 3.7             | 2.7  | 3.0  | 3.0  | 3.3  | 4.7  | 5.0  | 4.0  | 4.7 | 4.0 | 3.0  | 3.0  | 3.7  |
| LSD VALUE               | 0.9              | 1.5               | 1.4             | 4.8           | 1.2             | 1.1             | 1.0  | 1.4  | 1.2  | 1.4  | 1.2  | 2.0  | 1.6  | 1.2 | 1.0 | 1.4  | 1.3  | 0.8  |
| C.V. (%)                | 8.7              | 16.2              | 10.5            | 13.8          | 11.3            | 14.4            | 14.9 | 13.4 | 11.0 | 12.4 | 12.2 | 11.9 | 10.0 | 9.8 | 8.3 | 12.4 | 11.4 | 8.1  |

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 22. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 2004 NATIONAL PERENNIAL RYEGRASS TEST AT UNIVERSITY PARK, PA 1/  
 2005 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                    | BROWN            |                 | QUALITY RATINGS |     |     |     |     |     | MEAN |
|-------------------------|------------------|-----------------|-----------------|-----|-----|-----|-----|-----|------|
|                         | PATCH WARM TEMP. | VELOCITY INJURY | MAY             | JUN | JUL | AUG | SEP |     |      |
| APR 1648                | 7.0              | 1.0             | 8.0             | 8.3 | 9.0 | 8.3 | 7.0 | 8.1 |      |
| PALACE (IS-PR 273)      | 6.7              | 8.0             | 7.3             | 7.7 | 8.7 | 8.0 | 7.7 | 7.9 |      |
| ASP6004 (EXS54)         | 7.7              | 9.0             | 7.7             | 7.7 | 7.7 | 8.3 | 7.7 | 7.8 |      |
| MS2                     | 6.7              | 9.0             | 7.7             | 7.0 | 7.7 | 8.3 | 8.0 | 7.7 |      |
| PICK 02-R               | 6.0              | 8.7             | 8.3             | 6.7 | 7.7 | 8.0 | 7.7 | 7.7 |      |
| FIESTA 4 (PICK F4)      | 7.3              | 8.0             | 8.0             | 7.3 | 7.7 | 7.7 | 7.7 | 7.7 |      |
| RNS                     | 7.3              | 7.3             | 7.7             | 7.7 | 8.3 | 7.7 | 7.3 | 7.7 |      |
| VB77                    | 6.0              | 9.0             | 7.7             | 6.7 | 8.3 | 8.0 | 7.7 | 7.7 |      |
| ASP6002 (BPR)           | 6.7              | 9.0             | 7.7             | 7.0 | 7.7 | 8.0 | 7.7 | 7.6 |      |
| CABO II (IS-PR 233)     | 7.3              | 9.0             | 8.3             | 7.0 | 7.3 | 8.0 | 7.3 | 7.6 |      |
| REGAL 5 (IS-PR 271)     | 7.7              | 7.7             | 7.7             | 7.3 | 8.0 | 8.0 | 7.0 | 7.6 |      |
| PM 101                  | 7.0              | 7.7             | 7.3             | 7.3 | 7.3 | 8.0 | 8.0 | 7.6 |      |
| PS-2                    | 6.3              | 8.7             | 8.0             | 7.0 | 8.0 | 7.7 | 7.3 | 7.6 |      |
| TR47                    | 7.3              | 8.7             | 8.3             | 7.0 | 8.0 | 8.0 | 6.7 | 7.6 |      |
| AC2                     | 7.0              | 9.0             | 7.3             | 7.7 | 7.7 | 8.3 | 6.7 | 7.5 |      |
| ASP6005 (AJM)           | 5.7              | 9.0             | 7.7             | 7.0 | 8.0 | 7.7 | 7.3 | 7.5 |      |
| PRESIDIO (CNV)          | 7.3              | 9.0             | 8.0             | 7.0 | 7.7 | 8.0 | 7.0 | 7.5 |      |
| D04-11T                 | 8.3              | 7.7             | 8.0             | 7.7 | 7.3 | 7.3 | 7.0 | 7.5 |      |
| DP1                     | 7.3              | 7.3             | 7.3             | 7.0 | 7.7 | 8.3 | 7.3 | 7.5 |      |
| GPR                     | 7.0              | 9.0             | 7.3             | 7.3 | 7.7 | 8.0 | 7.0 | 7.5 |      |
| HALO (KN42)             | 7.3              | 8.7             | 7.3             | 7.3 | 8.3 | 8.0 | 6.3 | 7.5 |      |
| ALL*STAR 3 (IS-PR 274)  | 7.0              | 7.3             | 7.3             | 7.3 | 8.0 | 8.3 | 6.3 | 7.5 |      |
| TOP GUN II (JR-324)     | 7.0              | 9.0             | 8.0             | 6.7 | 7.7 | 7.7 | 7.3 | 7.5 |      |
| DELAWARE XL (PICK 01-2) | 7.0              | 6.3             | 8.0             | 7.3 | 7.7 | 8.0 | 6.7 | 7.5 |      |
| PM 103                  | 7.0              | 9.0             | 7.7             | 7.0 | 7.3 | 8.0 | 7.3 | 7.5 |      |
| RG3P                    | 6.7              | 9.0             | 7.7             | 6.7 | 7.3 | 8.0 | 7.7 | 7.5 |      |
| ASP6003 (TRS)           | 7.3              | 9.0             | 7.7             | 7.0 | 8.0 | 8.0 | 7.0 | 7.5 |      |
| ATTRIBUTE (IS-PR 270)   | 8.0              | 8.0             | 7.3             | 7.3 | 7.7 | 8.0 | 6.7 | 7.4 |      |
| GL-2                    | 6.0              | 8.3             | 7.7             | 6.3 | 7.3 | 8.0 | 7.3 | 7.3 |      |
| HEADSTART 2             | 7.7              | 8.3             | 8.0             | 6.7 | 7.3 | 7.7 | 6.7 | 7.3 |      |
| KEYSTONE 2 (IS-PR 312)  | 6.3              | 8.7             | 7.3             | 6.0 | 7.7 | 8.0 | 7.7 | 7.3 |      |
| PINNACLE II             | 6.7              | 8.0             | 7.0             | 6.3 | 8.0 | 7.7 | 7.7 | 7.3 |      |
| PRG HS-01-09            | 6.7              | 9.0             | 8.0             | 6.7 | 7.3 | 7.7 | 6.7 | 7.3 |      |
| PST-217                 | 7.7              | 9.0             | 7.3             | 6.7 | 7.3 | 8.0 | 7.0 | 7.3 |      |
| SNR                     | 6.3              | 8.7             | 7.7             | 6.0 | 8.0 | 8.0 | 6.7 | 7.3 |      |
| VB99                    | 7.0              | 9.0             | 7.3             | 6.7 | 8.0 | 7.7 | 6.7 | 7.3 |      |
| BAR LP 4420             | 5.7              | 4.0             | 8.3             | 6.3 | 8.0 | 7.7 | 5.7 | 7.2 |      |
| D04-1667                | 8.3              | 7.7             | 6.3             | 7.0 | 8.0 | 7.7 | 7.0 | 7.2 |      |
| MONTEREY 3 (JR-408)     | 7.0              | 9.0             | 7.3             | 7.3 | 7.3 | 7.3 | 6.7 | 7.2 |      |
| MACH I                  | 7.0              | 6.0             | 7.0             | 7.0 | 7.3 | 8.0 | 6.7 | 7.2 |      |
| PANTHER GLS             | 6.3              | 6.0             | 7.3             | 6.3 | 8.0 | 8.0 | 6.3 | 7.2 |      |
| PWDR                    | 8.0              | 9.0             | 7.3             | 7.0 | 7.0 | 7.3 | 7.3 | 7.2 |      |
| QUICKSILVER             | 6.0              | 9.0             | 7.3             | 6.7 | 8.0 | 7.3 | 6.7 | 7.2 |      |
| ASP6001 (RTS)           | 6.7              | 9.0             | 7.3             | 6.3 | 7.7 | 7.7 | 7.0 | 7.2 |      |
| BAR LP 4920             | 6.3              | 4.3             | 7.0             | 6.3 | 7.7 | 8.0 | 6.3 | 7.1 |      |
| D04-LP05                | 6.7              | 8.7             | 6.7             | 6.7 | 8.0 | 7.7 | 6.7 | 7.1 |      |
| DCM                     | 6.7              | 8.3             | 6.3             | 6.7 | 7.3 | 8.0 | 7.0 | 7.1 |      |

TABLE 22. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT UNIVERSITY PARK, PA 1/  
 2005 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                               | BROWN               |                                 | QUALITY RATINGS |     |     |     |     |      |
|------------------------------------|---------------------|---------------------------------|-----------------|-----|-----|-----|-----|------|
|                                    | PATCH<br>WARM TEMP. | VELOCITY <sup>®</sup><br>INJURY | MAY             | JUN | JUL | AUG | SEP | MEAN |
| GALATTI (DP 17-9502)               | 6.7                 | 9.0                             | 7.0             | 6.7 | 7.7 | 7.7 | 6.7 | 7.1  |
| FUSION                             | 6.3                 | 6.7                             | 6.7             | 7.0 | 7.0 | 8.0 | 7.0 | 7.1  |
| GRAY STAR (PST-2LGL)               | 7.3                 | 9.0                             | 8.0             | 5.7 | 7.3 | 8.0 | 6.7 | 7.1  |
| INSPIRE                            | 6.7                 | 9.0                             | 6.3             | 6.0 | 7.7 | 8.0 | 7.3 | 7.1  |
| PRIMARY (IS-PR 269)                | 6.7                 | 7.3                             | 6.7             | 6.7 | 7.3 | 8.0 | 7.0 | 7.1  |
| L44                                | 8.0                 | 9.0                             | 7.0             | 6.7 | 7.3 | 7.3 | 7.3 | 7.1  |
| LCK                                | 6.7                 | 7.0                             | 7.3             | 6.3 | 7.0 | 7.7 | 7.0 | 7.1  |
| ASP6006 (LPFG)                     | 6.7                 | 9.0                             | 7.0             | 6.7 | 7.7 | 7.3 | 6.7 | 7.1  |
| PM 102                             | 7.3                 | 8.7                             | 6.7             | 6.3 | 8.0 | 8.0 | 6.7 | 7.1  |
| SP4                                | 7.0                 | 9.0                             | 6.7             | 7.0 | 7.3 | 7.7 | 6.7 | 7.1  |
| AF                                 | 7.0                 | 7.7                             | 7.0             | 6.3 | 7.0 | 7.7 | 7.0 | 7.0  |
| ES45                               | 6.7                 | 8.0                             | 7.3             | 6.0 | 6.7 | 8.0 | 7.0 | 7.0  |
| EXACTA II GLSR (LTP-611-GLSR)      | 6.7                 | 7.3                             | 7.0             | 6.0 | 7.0 | 7.7 | 7.3 | 7.0  |
| AMAZING GS (IS-PR 276)             | 7.7                 | 8.7                             | 7.3             | 6.3 | 6.7 | 8.0 | 6.7 | 7.0  |
| OVERDRIVE                          | 6.3                 | 7.7                             | 6.7             | 6.0 | 7.7 | 7.7 | 7.0 | 7.0  |
| SUNSHINE 2                         | 6.7                 | 7.3                             | 8.0             | 6.7 | 7.3 | 7.3 | 5.7 | 7.0  |
| \$ILVER DOLLAR                     | 8.3                 | 9.0                             | 5.7             | 6.7 | 7.7 | 7.3 | 7.0 | 6.9  |
| 04-BRE                             | 6.7                 | 8.7                             | 7.0             | 6.0 | 7.0 | 7.7 | 7.0 | 6.9  |
| LINE DRIVE GLS (APR 1797)          | 7.3                 | 6.7                             | 7.0             | 6.0 | 7.0 | 8.0 | 6.3 | 6.9  |
| ARR 1664                           | 7.7                 | 6.3                             | 7.3             | 6.0 | 7.3 | 7.7 | 6.3 | 6.9  |
| CITATION FORE                      | 8.0                 | 8.7                             | 6.3             | 6.7 | 7.3 | 8.0 | 6.3 | 6.9  |
| D04-UP                             | 7.7                 | 6.0                             | 6.0             | 6.0 | 7.0 | 8.0 | 7.3 | 6.9  |
| PIANIST (DP 17-9505)               | 7.7                 | 4.3                             | 7.0             | 7.7 | 6.7 | 7.7 | 5.3 | 6.9  |
| KOKOMO II (IS-PR 235)              | 6.7                 | 8.0                             | 6.3             | 6.0 | 7.3 | 8.0 | 6.7 | 6.9  |
| ACCENT II (JR-119)                 | 6.3                 | 9.0                             | 7.0             | 6.7 | 7.7 | 6.7 | 6.7 | 6.9  |
| CADDIESHACK II (JR-163)            | 6.3                 | 8.3                             | 7.7             | 6.0 | 7.3 | 7.3 | 6.3 | 6.9  |
| MMW                                | 7.0                 | 7.7                             | 7.3             | 6.0 | 7.0 | 7.7 | 6.7 | 6.9  |
| PALMER IV                          | 6.3                 | 7.7                             | 6.7             | 5.7 | 7.0 | 8.0 | 7.0 | 6.9  |
| PENTIUM                            | 8.0                 | 8.7                             | 5.3             | 7.3 | 7.3 | 7.7 | 6.7 | 6.9  |
| PICK RB-1                          | 7.7                 | 7.3                             | 8.3             | 6.0 | 6.7 | 6.7 | 6.7 | 6.9  |
| PIZZAZZ                            | 6.3                 | 8.3                             | 7.0             | 6.3 | 7.0 | 7.0 | 7.0 | 6.9  |
| PST-2AG4                           | 7.7                 | 9.0                             | 7.0             | 5.7 | 7.3 | 7.7 | 7.0 | 6.9  |
| PST-2GSM                           | 7.0                 | 9.0                             | 7.0             | 6.0 | 6.7 | 7.7 | 7.0 | 6.9  |
| RAD-PR8                            | 7.0                 | 8.7                             | 6.7             | 6.3 | 7.3 | 7.7 | 6.7 | 6.9  |
| SECRETARIAT II GLSR (LTP-101-GLSR) | 6.7                 | 8.7                             | 6.0             | 6.3 | 7.3 | 8.0 | 7.0 | 6.9  |
| APR 1663                           | 7.0                 | 6.3                             | 6.3             | 6.3 | 7.7 | 7.7 | 6.0 | 6.8  |
| APR 1670                           | 6.7                 | 4.3                             | 6.0             | 6.0 | 7.7 | 8.0 | 6.3 | 6.8  |
| BUENA VISTA                        | 7.0                 | 8.0                             | 7.0             | 6.3 | 6.7 | 7.7 | 6.3 | 6.8  |
| DP 17-9499                         | 6.0                 | 4.7                             | 6.3             | 6.3 | 8.0 | 7.7 | 5.7 | 6.8  |
| DP 17-9788                         | 8.0                 | 9.0                             | 6.3             | 7.3 | 7.0 | 7.0 | 6.3 | 6.8  |
| E-99                               | 7.0                 | 6.0                             | 6.3             | 5.7 | 7.3 | 8.0 | 6.7 | 6.8  |
| GOALKEEPER II (JR-114)             | 6.7                 | 9.0                             | 7.0             | 6.0 | 6.7 | 8.0 | 6.3 | 6.8  |
| PARAGON GLR                        | 6.7                 | 7.7                             | 6.7             | 5.3 | 7.3 | 7.7 | 7.0 | 6.8  |
| MANHATTAN 5 GLR (PST-2AM)          | 7.0                 | 9.0                             | 5.7             | 6.0 | 8.0 | 8.0 | 6.3 | 6.8  |
| PST-2MNG                           | 6.7                 | 9.0                             | 6.0             | 5.7 | 7.3 | 8.0 | 7.0 | 6.8  |
| SRX 4692                           | 7.0                 | 6.3                             | 5.7             | 6.0 | 8.0 | 8.0 | 6.3 | 6.8  |
| 04-BEN                             | 7.3                 | 8.7                             | 7.0             | 6.0 | 7.0 | 7.7 | 6.0 | 6.7  |

TABLE 22. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT UNIVERSITY PARK, PA 1/  
 2005 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                              | BROWN               |                                 | QUALITY RATINGS |      |      |     |      |      |  |
|-----------------------------------|---------------------|---------------------------------|-----------------|------|------|-----|------|------|--|
|                                   | PATCH<br>WARM TEMP. | VELOCITY <sup>®</sup><br>INJURY | MAY             | JUN  | JUL  | AUG | SEP  | MEAN |  |
| PHENOM (APR 1660)                 | 6.7                 | 4.0                             | 6.0             | 5.7  | 7.3  | 8.0 | 6.3  | 6.7  |  |
| IS-PR 236                         | 6.0                 | 8.3                             | 6.7             | 6.0  | 7.0  | 7.3 | 6.3  | 6.7  |  |
| DERBY XTREME (IS-PR 268)          | 7.7                 | 8.0                             | 6.7             | 6.3  | 6.3  | 7.7 | 6.7  | 6.7  |  |
| REVENGE GLX (JR-348)              | 7.0                 | 9.0                             | 6.0             | 5.7  | 7.0  | 8.0 | 7.0  | 6.7  |  |
| HARRIER (SRX 4UP3)                | 8.0                 | 6.0                             | 6.3             | 6.0  | 7.3  | 7.7 | 6.3  | 6.7  |  |
| BAR LP 4317                       | 6.7                 | 6.0                             | 6.7             | 6.3  | 6.7  | 7.3 | 6.0  | 6.6  |  |
| BRIGHTSTAR SLT                    | 6.7                 | 9.0                             | 6.3             | 5.7  | 7.0  | 7.7 | 6.3  | 6.6  |  |
| PREMIER II                        | 6.0                 | 5.3                             | 5.7             | 6.0  | 7.3  | 7.7 | 6.3  | 6.6  |  |
| PST-2BLK                          | 5.7                 | 8.3                             | 6.0             | 5.7  | 7.0  | 8.0 | 6.3  | 6.6  |  |
| REPELL GLS                        | 6.0                 | 5.0                             | 7.0             | 5.3  | 7.3  | 7.7 | 5.7  | 6.6  |  |
| AAZ-B104                          | 6.7                 | 7.3                             | 7.3             | 6.0  | 5.7  | 7.3 | 6.0  | 6.5  |  |
| BARLENNIUM                        | 7.3                 | 4.3                             | 6.0             | 5.3  | 7.3  | 7.3 | 6.3  | 6.5  |  |
| LA QUINTA (JR-255)                | 6.3                 | 8.3                             | 6.3             | 5.7  | 6.3  | 7.7 | 6.7  | 6.5  |  |
| PALMER III                        | 6.0                 | 8.3                             | 6.3             | 5.7  | 7.0  | 7.7 | 6.0  | 6.5  |  |
| SR 4600 (SRX 4SP)                 | 7.0                 | 4.0                             | 5.7             | 6.0  | 7.7  | 7.0 | 6.3  | 6.5  |  |
| PST-2LAN                          | 6.0                 | 9.0                             | 5.3             | 6.0  | 7.0  | 7.3 | 6.3  | 6.4  |  |
| PROTEGE GLR                       | 6.7                 | 8.0                             | 6.7             | 4.7  | 6.3  | 7.7 | 6.3  | 6.3  |  |
| CHARISMATIC II GLSR (LTP-PG-GLSR) | 7.0                 | 7.7                             | 4.7             | 5.3  | 7.0  | 7.7 | 6.0  | 6.1  |  |
| SRX 4682                          | 7.3                 | 2.3                             | 6.0             | 5.7  | 6.7  | 7.0 | 5.3  | 6.1  |  |
| PANTHER                           | 7.7                 | 6.3                             | 5.7             | 6.3  | 6.3  | 6.3 | 5.3  | 6.0  |  |
| LPR 02203                         | 7.0                 | 8.0                             | 5.3             | 6.0  | 6.3  | 6.3 | 4.7  | 5.7  |  |
| AFFINITY                          | 6.7                 | 8.0                             | 4.3             | 6.0  | 6.3  | 5.7 | 5.0  | 5.5  |  |
| PREMIER                           | 7.3                 | 9.0                             | 3.7             | 5.0  | 6.3  | 6.0 | 5.3  | 5.3  |  |
| PINNACLE                          | 6.7                 | 2.0                             | 4.3             | 5.0  | 6.0  | 6.0 | 4.3  | 5.1  |  |
| LINN                              | 4.3                 | 8.3                             | 3.0             | 3.0  | 4.0  | 3.7 | 2.7  | 3.3  |  |
| LSD VALUE                         | 4.4                 | 1.0                             | 1.3             | 1.6  | 1.7  | 0.8 | 1.3  | 0.7  |  |
| C.V. (%)                          | 15.6                | 8.6                             | 11.8            | 13.0 | 11.0 | 6.7 | 11.3 | 6.1  |  |

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 23. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 2004 NATIONAL PERENNIAL RYEGRASS TEST AT QUEBEC CITY (CANADA), QE 1/  
 2005 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                          | GENETIC |                 | DENSITY |      | QUALITY RATINGS |     |     |     |     | MEAN |
|-------------------------------|---------|-----------------|---------|------|-----------------|-----|-----|-----|-----|------|
|                               | COLOR   | LEAF<br>TEXTURE | SUMMER  | FALL | JUN             | JUL | AUG | SEP | OCT |      |
| DERBY XTREME (IS-PR 268)      | 7.0     | 6.0             | 7.7     | 7.7  | 5.7             | 6.7 | 7.0 | 7.7 | 7.7 | 6.9  |
| AAZ-B104                      | 7.0     | 6.0             | 7.3     | 7.3  | 6.0             | 6.7 | 7.0 | 7.3 | 7.0 | 6.8  |
| HARRIER (SRX 4UP3)            | 7.3     | 6.3             | 7.3     | 7.0  | 6.0             | 7.0 | 6.7 | 7.3 | 7.0 | 6.8  |
| PHENOM (APR 1660)             | 7.0     | 6.3             | 7.7     | 7.0  | 6.0             | 6.7 | 7.3 | 7.0 | 6.3 | 6.7  |
| ARR 1664                      | 7.0     | 6.0             | 7.0     | 7.7  | 5.7             | 7.0 | 7.0 | 7.0 | 6.7 | 6.7  |
| D04-UP                        | 7.0     | 6.0             | 7.7     | 7.3  | 5.7             | 6.7 | 6.7 | 7.3 | 7.0 | 6.7  |
| PRIMARY (IS-PR 269)           | 7.0     | 6.0             | 7.7     | 7.0  | 6.0             | 7.0 | 6.3 | 7.0 | 7.0 | 6.7  |
| MACH I                        | 7.0     | 6.0             | 7.7     | 7.3  | 5.7             | 6.7 | 7.0 | 7.0 | 7.0 | 6.7  |
| FIESTA 4 (PICK F4)            | 7.3     | 6.0             | 7.7     | 8.0  | 6.3             | 6.3 | 6.7 | 7.0 | 7.0 | 6.7  |
| RNS                           | 7.0     | 6.0             | 7.3     | 7.7  | 5.7             | 6.7 | 6.7 | 7.3 | 7.0 | 6.7  |
| SR 4600 (SRX 4SP)             | 7.0     | 6.0             | 7.7     | 7.7  | 6.0             | 6.3 | 7.0 | 7.3 | 7.0 | 6.7  |
| ATTRIBUTE (IS-PR 270)         | 7.0     | 6.0             | 7.3     | 7.7  | 6.0             | 6.3 | 6.7 | 7.0 | 7.0 | 6.6  |
| ALL*STAR 3 (IS-PR 274)        | 7.7     | 6.0             | 7.7     | 7.7  | 5.7             | 6.3 | 6.7 | 7.7 | 6.7 | 6.6  |
| REVENGE GLX (JR-348)          | 7.0     | 6.0             | 7.3     | 6.7  | 6.0             | 6.7 | 6.7 | 7.0 | 6.7 | 6.6  |
| LCK                           | 7.3     | 6.3             | 7.3     | 7.7  | 5.3             | 6.3 | 6.3 | 7.7 | 7.3 | 6.6  |
| PALMER IV                     | 7.0     | 6.0             | 7.3     | 7.3  | 5.7             | 6.7 | 6.7 | 7.0 | 7.0 | 6.6  |
| VB99                          | 7.3     | 6.0             | 7.3     | 7.0  | 6.0             | 6.3 | 7.0 | 7.0 | 6.7 | 6.6  |
| SILVER DOLLAR                 | 7.0     | 6.0             | 7.3     | 6.7  | 6.0             | 7.0 | 6.7 | 7.0 | 6.0 | 6.5  |
| PRESIDIO (CNV)                | 7.0     | 6.0             | 7.3     | 7.0  | 5.7             | 6.7 | 6.7 | 7.0 | 6.3 | 6.5  |
| D04-LP05                      | 6.7     | 6.0             | 7.3     | 7.0  | 5.7             | 6.0 | 7.0 | 7.0 | 7.0 | 6.5  |
| EXACTA II GLSR (LTP-611-GLSR) | 7.3     | 6.0             | 7.3     | 7.7  | 5.3             | 6.3 | 6.7 | 7.3 | 7.0 | 6.5  |
| KOKOMO II (IS-PR 235)         | 7.3     | 6.0             | 7.7     | 7.7  | 5.3             | 6.3 | 6.3 | 7.7 | 7.0 | 6.5  |
| DELAWARE XL (PICK 01-2)       | 7.0     | 6.0             | 7.0     | 7.0  | 5.7             | 6.3 | 7.3 | 6.3 | 6.7 | 6.5  |
| PINNACLE II                   | 7.0     | 6.0             | 7.3     | 7.3  | 5.7             | 6.3 | 7.0 | 7.0 | 6.7 | 6.5  |
| PM 101                        | 6.7     | 6.0             | 7.0     | 7.0  | 5.3             | 7.0 | 6.3 | 7.0 | 6.7 | 6.5  |
| PM 102                        | 7.0     | 6.0             | 7.3     | 7.0  | 5.7             | 6.0 | 6.7 | 7.0 | 7.0 | 6.5  |
| PROTEGE GLR                   | 7.0     | 6.7             | 7.3     | 7.7  | 5.3             | 6.0 | 6.7 | 7.3 | 7.0 | 6.5  |
| PST-2MNG                      | 6.7     | 6.0             | 7.3     | 7.3  | 6.0             | 7.0 | 7.0 | 6.7 | 5.7 | 6.5  |
| AF                            | 7.0     | 6.0             | 7.3     | 7.7  | 5.3             | 6.3 | 6.7 | 7.0 | 6.7 | 6.4  |
| D04-11T                       | 7.0     | 6.0             | 7.7     | 7.0  | 5.3             | 6.3 | 6.7 | 7.0 | 6.7 | 6.4  |
| DCM                           | 6.7     | 6.0             | 7.3     | 7.0  | 6.0             | 6.3 | 6.7 | 7.0 | 6.0 | 6.4  |
| PALACE (IS-PR 273)            | 7.3     | 6.3             | 7.3     | 7.0  | 5.3             | 6.3 | 6.7 | 7.0 | 6.7 | 6.4  |
| PICK RB-1                     | 7.0     | 6.0             | 7.3     | 7.3  | 5.0             | 6.3 | 6.3 | 7.3 | 7.0 | 6.4  |
| RG3P                          | 6.7     | 6.3             | 7.7     | 7.0  | 6.0             | 6.3 | 6.3 | 7.0 | 6.3 | 6.4  |
| AC2                           | 6.7     | 6.0             | 7.3     | 7.0  | 5.3             | 6.3 | 6.3 | 7.0 | 6.3 | 6.3  |
| APR 1648                      | 7.3     | 6.0             | 7.3     | 7.3  | 5.3             | 6.0 | 6.3 | 7.0 | 7.0 | 6.3  |
| APR 1663                      | 7.0     | 6.0             | 7.7     | 7.0  | 5.7             | 6.3 | 6.7 | 7.0 | 6.0 | 6.3  |
| BAR LP 4920                   | 6.7     | 6.0             | 7.3     | 6.7  | 6.0             | 7.0 | 6.7 | 6.0 | 5.7 | 6.3  |
| BUENA VISTA                   | 6.7     | 6.0             | 7.7     | 7.3  | 5.3             | 6.0 | 6.7 | 7.0 | 6.7 | 6.3  |
| ASP6004 (EXS54)               | 7.0     | 6.0             | 7.7     | 7.0  | 5.7             | 6.3 | 6.0 | 7.0 | 6.7 | 6.3  |
| GL-2                          | 6.7     | 6.0             | 7.7     | 7.3  | 5.3             | 6.3 | 6.3 | 7.0 | 6.7 | 6.3  |
| GRAY STAR (PST-2LGL)          | 7.0     | 6.0             | 7.7     | 7.0  | 5.7             | 6.3 | 6.7 | 6.7 | 6.0 | 6.3  |
| REGAL 5 (IS-PR 271)           | 7.7     | 6.0             | 7.7     | 7.0  | 5.3             | 6.0 | 6.3 | 7.0 | 7.0 | 6.3  |
| AMAZING GS (IS-PR 276)        | 7.3     | 6.0             | 7.3     | 7.0  | 5.3             | 6.0 | 6.3 | 7.0 | 6.7 | 6.3  |
| OVERDRIVE                     | 7.0     | 6.0             | 7.3     | 7.0  | 5.7             | 6.3 | 6.3 | 6.7 | 6.3 | 6.3  |
| PST-2LAN                      | 6.3     | 6.0             | 7.3     | 7.3  | 5.7             | 6.7 | 6.7 | 6.7 | 6.0 | 6.3  |
| PWDR                          | 7.0     | 6.0             | 7.7     | 6.7  | 5.7             | 6.3 | 6.7 | 6.7 | 6.0 | 6.3  |

TABLE 23.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT QUEBEC CITY (CANADA), QE 1/  
2005 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                               | GENETIC<br>COLOR | LEAF<br>TEXTURE | DENSITY<br>SUMMER | DENSITY<br>FALL | JUN | JUL | QUALITY<br>AUG | RATINGS<br>SEP | OCT | MEAN |
|------------------------------------|------------------|-----------------|-------------------|-----------------|-----|-----|----------------|----------------|-----|------|
| REPELL GLS                         | 7.0              | 6.0             | 7.3               | 7.0             | 5.7 | 6.3 | 6.7            | 6.7            | 6.3 | 6.3  |
| VB77                               | 7.0              | 6.0             | 7.3               | 7.0             | 5.7 | 6.3 | 6.7            | 6.7            | 6.3 | 6.3  |
| D04-1667                           | 6.3              | 6.0             | 7.3               | 7.3             | 5.7 | 6.3 | 6.3            | 6.7            | 6.0 | 6.2  |
| DP1                                | 7.3              | 6.0             | 7.0               | 6.7             | 5.0 | 5.7 | 5.7            | 7.3            | 7.3 | 6.2  |
| ES45                               | 7.0              | 6.0             | 6.7               | 7.0             | 5.7 | 6.3 | 6.3            | 6.7            | 6.0 | 6.2  |
| FUSION                             | 7.3              | 6.0             | 7.3               | 7.0             | 4.7 | 6.3 | 6.3            | 7.0            | 6.7 | 6.2  |
| INSPIRE                            | 7.0              | 6.0             | 7.3               | 6.7             | 6.0 | 7.0 | 7.0            | 5.7            | 5.3 | 6.2  |
| IS-PR 236                          | 7.3              | 6.0             | 7.7               | 7.0             | 5.0 | 5.7 | 6.7            | 6.7            | 7.0 | 6.2  |
| LA QUINTA (JR-255)                 | 7.0              | 6.0             | 7.7               | 7.0             | 5.7 | 6.0 | 6.3            | 6.7            | 6.3 | 6.2  |
| MMW                                | 7.3              | 6.0             | 7.7               | 7.3             | 5.0 | 6.0 | 6.7            | 6.7            | 6.7 | 6.2  |
| PST-2AG4                           | 7.0              | 6.3             | 7.3               | 7.0             | 5.0 | 6.3 | 6.0            | 7.0            | 6.7 | 6.2  |
| MANHATTAN 5 GLR (PST-2AM)          | 6.3              | 6.0             | 7.3               | 7.0             | 6.0 | 6.0 | 6.3            | 7.0            | 5.7 | 6.2  |
| PST-2GSM                           | 7.0              | 6.0             | 7.0               | 7.0             | 5.3 | 6.3 | 6.7            | 6.7            | 6.0 | 6.2  |
| SP4                                | 7.0              | 6.0             | 7.7               | 7.0             | 5.3 | 6.7 | 6.3            | 6.7            | 6.0 | 6.2  |
| LINE DRIVE GLS (APR 1797)          | 6.7              | 6.0             | 7.7               | 7.0             | 5.3 | 6.3 | 6.3            | 6.3            | 6.0 | 6.1  |
| BAR LP 4317                        | 6.7              | 6.0             | 7.7               | 7.0             | 6.0 | 6.7 | 6.7            | 6.0            | 5.0 | 6.1  |
| DP 17-9499                         | 7.0              | 6.0             | 7.3               | 7.0             | 5.3 | 6.0 | 6.0            | 7.0            | 6.0 | 6.1  |
| GALATTI (DP 17-9502)               | 6.7              | 6.0             | 7.0               | 6.7             | 5.7 | 6.3 | 6.3            | 6.0            | 6.0 | 6.1  |
| PIANIST (DP 17-9505)               | 7.0              | 6.0             | 7.3               | 6.7             | 5.3 | 6.3 | 6.7            | 6.0            | 6.0 | 6.1  |
| HALO (KN42)                        | 7.0              | 6.0             | 7.3               | 6.7             | 5.7 | 6.3 | 6.7            | 6.0            | 6.0 | 6.1  |
| CABO II (IS-PR 233)                | 7.3              | 6.0             | 7.3               | 7.0             | 5.0 | 6.3 | 6.0            | 7.0            | 6.3 | 6.1  |
| KEYSTONE 2 (IS-PR 312)             | 7.0              | 6.0             | 7.7               | 7.0             | 5.0 | 6.0 | 6.3            | 7.0            | 6.3 | 6.1  |
| MS2                                | 7.0              | 6.0             | 7.3               | 7.0             | 5.3 | 6.3 | 6.3            | 6.3            | 6.0 | 6.1  |
| PICK 02-R                          | 7.0              | 6.3             | 7.3               | 7.0             | 5.3 | 6.3 | 6.3            | 6.7            | 5.7 | 6.1  |
| PM 103                             | 6.7              | 6.3             | 7.3               | 6.7             | 5.7 | 6.3 | 6.3            | 6.0            | 6.0 | 6.1  |
| PST-2BLK                           | 6.7              | 6.0             | 7.0               | 7.0             | 5.3 | 6.3 | 6.7            | 6.7            | 5.7 | 6.1  |
| ASP6001 (RTS)                      | 7.0              | 6.0             | 7.3               | 6.3             | 6.0 | 6.3 | 7.0            | 6.0            | 5.3 | 6.1  |
| SECRETARIAT II GLSR (LTP-101-GLSR) | 6.7              | 6.0             | 7.7               | 7.3             | 5.7 | 5.7 | 6.0            | 7.0            | 6.0 | 6.1  |
| TR47                               | 7.0              | 6.0             | 7.3               | 7.0             | 5.3 | 6.3 | 6.3            | 6.3            | 6.0 | 6.1  |
| ASP6003 (TRS)                      | 7.0              | 6.0             | 7.0               | 7.0             | 5.3 | 6.7 | 6.3            | 6.3            | 6.0 | 6.1  |
| 04-BRE                             | 6.7              | 6.0             | 7.3               | 7.0             | 5.7 | 6.3 | 6.3            | 6.3            | 5.3 | 6.0  |
| CITATION FORE                      | 6.7              | 6.0             | 7.3               | 7.0             | 5.3 | 6.3 | 6.3            | 6.3            | 5.7 | 6.0  |
| E-99                               | 7.0              | 6.0             | 7.3               | 7.0             | 5.3 | 6.0 | 6.3            | 6.7            | 5.7 | 6.0  |
| GPR                                | 7.0              | 6.0             | 7.3               | 7.0             | 5.0 | 6.3 | 6.3            | 6.3            | 6.0 | 6.0  |
| PIZZAZZ                            | 6.7              | 6.0             | 7.7               | 7.0             | 5.0 | 6.0 | 6.0            | 6.7            | 6.3 | 6.0  |
| QUICKSILVER                        | 7.0              | 6.0             | 7.3               | 7.3             | 5.3 | 5.7 | 6.3            | 6.7            | 6.0 | 6.0  |
| SUNSHINE 2                         | 6.7              | 6.0             | 7.3               | 6.7             | 5.3 | 6.7 | 6.7            | 5.7            | 5.7 | 6.0  |
| ASP6005 (AJM)                      | 7.0              | 6.0             | 6.7               | 7.0             | 5.0 | 6.0 | 6.0            | 6.3            | 6.0 | 5.9  |
| BAR LP 4420                        | 6.7              | 6.0             | 7.3               | 7.0             | 5.0 | 6.0 | 6.3            | 6.3            | 6.0 | 5.9  |
| BRIGHTSTAR SLT                     | 7.0              | 6.0             | 7.0               | 7.0             | 5.3 | 6.3 | 6.3            | 6.3            | 5.3 | 5.9  |
| L44                                | 7.0              | 6.0             | 7.3               | 6.7             | 4.7 | 6.0 | 6.3            | 6.7            | 5.7 | 5.9  |
| ASP6006 (LPFG)                     | 7.0              | 6.0             | 7.7               | 7.0             | 5.3 | 5.7 | 6.3            | 6.3            | 6.0 | 5.9  |
| PANTHER GLS                        | 6.7              | 6.3             | 7.0               | 7.0             | 5.0 | 6.0 | 6.0            | 6.7            | 6.0 | 5.9  |
| PARAGON GLR                        | 7.3              | 6.0             | 7.7               | 6.3             | 4.7 | 5.7 | 6.0            | 7.0            | 6.0 | 5.9  |
| PENTIUM                            | 6.7              | 6.0             | 7.3               | 7.0             | 5.7 | 6.3 | 6.3            | 6.0            | 5.0 | 5.9  |
| PRG HS-01-09                       | 7.0              | 6.0             | 7.3               | 7.3             | 5.3 | 6.0 | 6.3            | 6.0            | 5.7 | 5.9  |
| PST-217                            | 6.7              | 6.0             | 7.3               | 7.0             | 4.7 | 6.0 | 6.0            | 6.7            | 6.0 | 5.9  |

TABLE 23.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT QUEBEC CITY (CANADA), QE 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                              | GENETIC<br>COLOR | LEAF<br>TEXTURE | DENSITY<br>SUMMER | DENSITY<br>FALL | JUN  | QUALITY RATINGS |     |     |     | MEAN |
|-----------------------------------|------------------|-----------------|-------------------|-----------------|------|-----------------|-----|-----|-----|------|
|                                   |                  |                 |                   |                 |      | JUL             | AUG | SEP | OCT |      |
| SNR                               | 7.0              | 6.0             | 7.3               | 7.0             | 5.0  | 6.0             | 6.0 | 6.3 | 6.0 | 5.9  |
| BARLENNIUM                        | 6.7              | 6.0             | 6.7               | 6.0             | 5.3  | 6.3             | 6.3 | 5.7 | 5.3 | 5.8  |
| ASP6002 (BPR)                     | 6.7              | 6.0             | 7.3               | 7.0             | 4.7  | 5.3             | 6.3 | 6.7 | 6.0 | 5.8  |
| DP 17-9788                        | 6.3              | 6.0             | 7.3               | 6.7             | 5.3  | 6.3             | 6.7 | 5.7 | 5.0 | 5.8  |
| ACCENT II (JR-119)                | 6.7              | 6.0             | 7.0               | 7.0             | 5.7  | 6.7             | 6.3 | 5.3 | 5.0 | 5.8  |
| PS-2                              | 6.7              | 6.3             | 7.3               | 6.3             | 5.3  | 6.7             | 6.3 | 5.7 | 5.0 | 5.8  |
| SRX 4692                          | 7.0              | 6.0             | 7.0               | 6.3             | 4.7  | 6.3             | 6.3 | 6.0 | 5.7 | 5.8  |
| APR 1670                          | 7.0              | 6.0             | 7.7               | 6.7             | 5.0  | 6.3             | 6.0 | 6.0 | 5.0 | 5.7  |
| CHARISMATIC II GLSR (LTP-PG-GLSR) | 7.0              | 6.0             | 7.7               | 7.3             | 4.7  | 5.7             | 6.0 | 6.7 | 5.7 | 5.7  |
| GOALKEEPER II (JR-114)            | 7.0              | 6.0             | 7.7               | 6.7             | 5.3  | 6.0             | 6.7 | 5.3 | 5.3 | 5.7  |
| RAD-PR8                           | 6.3              | 6.0             | 7.0               | 7.0             | 5.0  | 6.0             | 6.0 | 6.0 | 5.3 | 5.7  |
| 04-BEN                            | 6.7              | 6.0             | 7.0               | 7.0             | 5.3  | 6.0             | 6.0 | 5.7 | 5.0 | 5.6  |
| HEADSTART 2                       | 7.0              | 6.0             | 7.3               | 6.7             | 4.7  | 6.3             | 6.3 | 5.3 | 5.3 | 5.6  |
| TOP GUN II (JR-324)               | 7.0              | 6.0             | 7.0               | 7.0             | 5.0  | 5.7             | 6.0 | 6.0 | 5.3 | 5.6  |
| CADDIESHACK II (JR-163)           | 6.7              | 6.0             | 7.7               | 7.0             | 5.7  | 6.3             | 6.7 | 5.0 | 4.3 | 5.6  |
| PALMER III                        | 6.7              | 6.0             | 7.0               | 6.7             | 5.0  | 6.0             | 6.3 | 5.7 | 5.0 | 5.6  |
| PREMIER II                        | 6.3              | 6.0             | 6.7               | 6.7             | 5.3  | 6.3             | 6.0 | 5.3 | 5.0 | 5.6  |
| SRX 4682                          | 6.7              | 6.0             | 7.0               | 7.0             | 5.0  | 6.0             | 6.0 | 6.0 | 5.0 | 5.6  |
| PREMIER                           | 6.3              | 6.0             | 7.0               | 6.0             | 5.3  | 6.0             | 6.0 | 5.3 | 4.7 | 5.5  |
| MONTEREY 3 (JR-408)               | 7.0              | 6.0             | 7.3               | 7.0             | 4.7  | 6.0             | 6.0 | 5.3 | 5.0 | 5.4  |
| LPR 02203                         | 6.7              | 6.0             | 7.0               | 7.0             | 5.7  | 6.3             | 6.0 | 5.0 | 4.0 | 5.4  |
| PANTHER                           | 6.0              | 6.0             | 7.3               | 7.0             | 5.0  | 6.0             | 6.0 | 5.0 | 4.3 | 5.3  |
| AFFINITY                          | 6.0              | 6.0             | 6.7               | 6.3             | 5.0  | 5.7             | 6.0 | 5.0 | 4.3 | 5.2  |
| PINNACLE                          | 5.7              | 6.0             | 6.0               | 5.7             | 5.3  | 5.3             | 5.3 | 4.7 | 4.0 | 4.9  |
| LINN                              | 4.7              | 5.7             | 5.7               | 6.0             | 4.3  | 4.3             | 4.0 | 4.7 | 3.0 | 4.1  |
| LSD VALUE                         | 0.7              | 0.7             | 1.1               | 0.8             | 1.6  | 1.3             | 1.1 | 0.7 | 0.7 | 0.6  |
| C.V. (%)                          | 5.8              | 3.0             | 6.1               | 6.1             | 10.7 | 8.6             | 8.2 | 7.3 | 7.5 | 5.6  |

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 24.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT KINGSTON, RI 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                               | GENETIC<br>COLOR | SEEDLING<br>VIGOR | PERCENT<br>COVER<br>SUMMER | CROWN<br>RUST | JUN | JUL | QUALITY RATINGS |     |     |     | MEAN |
|------------------------------------|------------------|-------------------|----------------------------|---------------|-----|-----|-----------------|-----|-----|-----|------|
|                                    |                  |                   |                            |               |     |     | AUG             | SEP | OCT | NOV |      |
| PROTEGE GLR                        | 7.3              | 4.3               | 81.3                       | 5.5           | 6.3 | 6.3 | 6.3             | 7.5 | 7.0 | 6.5 | 6.6  |
| AF                                 | 6.3              | 5.5               | 88.8                       | 3.8           | 5.8 | 6.5 | 6.8             | 6.3 | 6.8 | 6.3 | 6.4  |
| LCK                                | 6.3              | 5.5               | 86.3                       | 4.5           | 6.3 | 5.5 | 6.0             | 6.5 | 6.8 | 6.5 | 6.3  |
| PICK RB-1                          | 7.0              | 4.5               | 85.0                       | 4.8           | 5.8 | 6.3 | 6.0             | 7.3 | 6.5 | 6.3 | 6.3  |
| EXACTA II GLSR (LTP-611-GLSR)      | 6.8              | 6.3               | 77.5                       | 5.0           | 5.5 | 6.0 | 5.5             | 6.8 | 6.8 | 6.5 | 6.2  |
| MMW                                | 6.5              | 5.3               | 82.5                       | 4.5           | 5.8 | 6.0 | 5.5             | 6.3 | 7.0 | 6.8 | 6.2  |
| FIESTA 4 (PICK F4)                 | 7.3              | 4.5               | 78.8                       | 4.3           | 6.3 | 6.0 | 5.0             | 6.0 | 7.8 | 6.3 | 6.2  |
| DCM                                | 6.8              | 3.8               | 76.3                       | 4.5           | 6.3 | 6.0 | 5.8             | 5.8 | 6.5 | 6.3 | 6.1  |
| ALL*STAR 3 (IS-PR 274)             | 7.0              | 5.8               | 86.3                       | 4.3           | 5.8 | 5.8 | 5.5             | 6.5 | 6.5 | 6.8 | 6.1  |
| PM 101                             | 7.5              | 5.5               | 75.0                       | 5.5           | 6.0 | 5.5 | 5.5             | 6.0 | 7.0 | 6.8 | 6.1  |
| AAZ-B104                           | 6.5              | 5.8               | 82.5                       | 5.3           | 5.8 | 5.8 | 5.8             | 6.3 | 6.5 | 6.0 | 6.0  |
| AC2                                | 7.0              | 5.3               | 82.5                       | 4.0           | 5.5 | 5.8 | 5.8             | 6.3 | 6.5 | 6.5 | 6.0  |
| DO4-UP                             | 6.0              | 5.8               | 85.0                       | 3.8           | 5.8 | 5.8 | 5.5             | 6.0 | 7.0 | 5.8 | 6.0  |
| DERBY XTREME (IS-PR 268)           | 7.0              | 5.8               | 80.0                       | 4.3           | 5.3 | 5.5 | 6.0             | 5.8 | 7.0 | 6.8 | 6.0  |
| AMAZING GS (IS-PR 276)             | 7.3              | 5.5               | 75.0                       | 4.5           | 6.5 | 5.5 | 5.0             | 6.0 | 6.3 | 6.5 | 6.0  |
| REVENGE GLX (JR-348)               | 7.0              | 5.5               | 75.0                       | 3.5           | 5.5 | 5.8 | 5.5             | 6.0 | 6.8 | 6.3 | 6.0  |
| PARAGON GLR                        | 6.8              | 3.5               | 80.0                       | 3.8           | 6.5 | 5.0 | 5.5             | 5.8 | 6.5 | 6.5 | 6.0  |
| PWDR                               | 7.5              | 5.8               | 77.5                       | 5.3           | 6.0 | 5.3 | 5.8             | 5.3 | 6.8 | 6.8 | 6.0  |
| RG3P                               | 6.5              | 5.5               | 85.0                       | 4.3           | 5.3 | 6.5 | 6.0             | 5.8 | 6.3 | 6.5 | 6.0  |
| CHARISMATIC II GLSR (LTP-PG-GLSR)  | 6.5              | 5.3               | 80.0                       | 4.5           | 5.8 | 6.0 | 5.8             | 5.8 | 6.3 | 5.8 | 5.9  |
| DO4-11T                            | 7.0              | 5.3               | 80.0                       | 4.0           | 5.8 | 5.5 | 5.5             | 5.5 | 7.3 | 6.0 | 5.9  |
| DP 17-9499                         | 6.8              | 4.3               | 88.8                       | 5.3           | 5.8 | 6.0 | 6.3             | 5.8 | 5.8 | 6.0 | 5.9  |
| KOKOMO II (IS-PR 235)              | 6.8              | 4.3               | 83.8                       | 4.8           | 4.8 | 6.0 | 6.5             | 5.8 | 6.0 | 6.3 | 5.9  |
| ATTRIBUTE (IS-PR 270)              | 6.5              | 6.5               | 83.8                       | 3.8           | 5.8 | 5.3 | 6.0             | 6.0 | 6.3 | 6.3 | 5.9  |
| MS2                                | 7.5              | 5.5               | 77.5                       | 4.5           | 5.5 | 5.3 | 5.5             | 5.0 | 7.8 | 6.3 | 5.9  |
| RNS                                | 6.0              | 5.8               | 88.8                       | 4.0           | 5.8 | 6.3 | 5.3             | 5.5 | 6.8 | 6.0 | 5.9  |
| APR 1648                           | 7.3              | 4.5               | 85.0                       | 5.8           | 5.0 | 5.8 | 5.8             | 6.8 | 6.0 | 5.5 | 5.8  |
| LINE DRIVE GLS (APR 1797)          | 6.3              | 4.3               | 80.0                       | 3.3           | 5.5 | 5.8 | 6.0             | 5.5 | 6.8 | 5.3 | 5.8  |
| BUENA VISTA                        | 7.3              | 5.5               | 80.0                       | 4.8           | 5.3 | 5.3 | 6.3             | 5.8 | 6.3 | 6.3 | 5.8  |
| ASP6004 (EXS54)                    | 8.0              | 5.3               | 85.0                       | 4.3           | 5.5 | 5.0 | 6.3             | 5.3 | 6.5 | 6.5 | 5.8  |
| IS-PR 236                          | 7.0              | 5.8               | 80.0                       | 4.0           | 5.5 | 5.8 | 6.3             | 6.0 | 5.8 | 5.8 | 5.8  |
| PRIMARY (IS-PR 269)                | 6.5              | 5.8               | 87.5                       | 4.8           | 5.5 | 5.8 | 5.5             | 5.8 | 6.0 | 6.3 | 5.8  |
| REGAL 5 (IS-PR 271)                | 8.0              | 6.0               | 70.0                       | 4.8           | 5.3 | 4.8 | 5.3             | 6.5 | 6.5 | 6.5 | 5.8  |
| KEYSTONE 2 (IS-PR 312)             | 6.5              | 5.5               | 77.5                       | 3.5           | 5.8 | 5.3 | 5.8             | 6.0 | 5.5 | 6.5 | 5.8  |
| ASP6006 (LPGF)                     | 7.8              | 5.8               | 77.5                       | 5.3           | 5.5 | 5.3 | 5.3             | 5.8 | 6.3 | 6.5 | 5.8  |
| PINNACLE II                        | 6.3              | 5.5               | 72.5                       | 4.5           | 6.3 | 5.3 | 5.8             | 5.5 | 6.3 | 6.0 | 5.8  |
| PIZZAZZ                            | 6.8              | 4.5               | 77.5                       | 4.8           | 5.5 | 5.3 | 6.0             | 5.5 | 6.5 | 5.8 | 5.8  |
| REPELL GLS                         | 6.8              | 3.5               | 81.3                       | 3.5           | 5.8 | 5.3 | 6.0             | 6.3 | 5.8 | 6.0 | 5.8  |
| SECRETARIAT II GLSR (LTP-101-GLSR) | 5.8              | 5.5               | 78.8                       | 4.8           | 5.5 | 6.0 | 5.3             | 5.8 | 6.5 | 5.8 | 5.8  |
| SP4                                | 8.0              | 5.8               | 77.5                       | 6.0           | 5.5 | 4.5 | 5.5             | 5.0 | 7.3 | 6.8 | 5.8  |
| ASP6005 (AJM)                      | 7.3              | 6.0               | 80.0                       | 4.8           | 5.3 | 4.8 | 5.5             | 5.3 | 7.0 | 6.5 | 5.7  |
| ASP6002 (BPR)                      | 7.8              | 6.8               | 68.8                       | 5.0           | 5.3 | 4.8 | 5.8             | 5.5 | 6.3 | 6.8 | 5.7  |
| PRESIDIO (CNV)                     | 7.3              | 4.3               | 80.0                       | 5.3           | 5.3 | 5.0 | 5.0             | 5.8 | 6.8 | 6.3 | 5.7  |
| E-99                               | 5.8              | 6.3               | 85.0                       | 4.0           | 5.3 | 5.5 | 6.0             | 5.8 | 6.0 | 5.8 | 5.7  |
| GL-2                               | 5.8              | 5.8               | 77.5                       | 3.5           | 5.5 | 5.5 | 5.5             | 5.8 | 6.0 | 6.0 | 5.7  |
| PALACE (IS-PR 273)                 | 7.0              | 5.8               | 76.3                       | 4.8           | 6.0 | 5.5 | 4.8             | 6.0 | 5.8 | 6.3 | 5.7  |
| TOP GUN II (JR-324)                | 7.3              | 5.0               | 71.3                       | 5.0           | 5.5 | 5.0 | 5.0             | 5.5 | 6.8 | 6.3 | 5.7  |

TABLE 24. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT KINGSTON, RI 1/  
 2005 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                      | GENETIC<br>COLOR | SEEDLING<br>VIGOR | PERCENT<br>COVER<br>SUMMER | CROWN<br>RUST | JUN | JUL | QUALITY RATINGS |     |     |     | MEAN |
|---------------------------|------------------|-------------------|----------------------------|---------------|-----|-----|-----------------|-----|-----|-----|------|
|                           |                  |                   |                            |               |     |     | AUG             | SEP | OCT | NOV |      |
| CADDIESHACK II (JR-163)   | 6.3              | 5.8               | 77.5                       | 4.3           | 6.0 | 5.5 | 6.0             | 4.8 | 5.8 | 6.0 | 5.7  |
| MACH I                    | 6.5              | 5.8               | 82.5                       | 4.5           | 5.5 | 5.5 | 6.0             | 5.3 | 5.5 | 6.3 | 5.7  |
| PALMER IV                 | 6.5              | 5.8               | 75.0                       | 5.0           | 5.5 | 5.5 | 4.8             | 6.0 | 6.3 | 6.3 | 5.7  |
| PST-217                   | 5.8              | 5.5               | 75.0                       | 4.0           | 5.8 | 5.3 | 4.8             | 5.5 | 6.5 | 6.3 | 5.7  |
| PST-2LAN                  | 5.8              | 5.3               | 87.5                       | 4.8           | 5.5 | 6.0 | 5.8             | 5.5 | 5.8 | 5.8 | 5.7  |
| SR 4600 (SRX 4SP)         | 6.8              | 5.5               | 85.0                       | 4.3           | 5.8 | 5.3 | 5.8             | 5.5 | 6.0 | 6.0 | 5.7  |
| HARRIER (SRX 4UP3)        | 7.0              | 5.3               | 80.0                       | 4.0           | 5.8 | 5.5 | 5.3             | 5.8 | 6.0 | 6.0 | 5.7  |
| SILVER DOLLAR             | 5.8              | 5.5               | 77.5                       | 5.0           | 5.0 | 5.3 | 5.5             | 4.5 | 7.0 | 6.3 | 5.6  |
| PHENOM (APR 1660)         | 6.5              | 5.0               | 76.3                       | 4.3           | 5.5 | 5.3 | 5.5             | 5.5 | 5.8 | 6.0 | 5.6  |
| ARR 1664                  | 6.5              | 5.8               | 77.5                       | 3.8           | 5.8 | 5.5 | 5.5             | 5.8 | 5.5 | 5.8 | 5.6  |
| BAR LP 4920               | 6.0              | 5.3               | 75.0                       | 5.5           | 5.5 | 5.8 | 5.0             | 5.8 | 5.5 | 6.3 | 5.6  |
| DO4-1667                  | 6.3              | 4.8               | 81.3                       | 4.0           | 5.8 | 5.0 | 5.5             | 5.5 | 6.3 | 5.8 | 5.6  |
| DO4-LP05                  | 7.3              | 6.0               | 68.8                       | 4.8           | 6.3 | 5.0 | 5.3             | 5.3 | 6.0 | 5.8 | 5.6  |
| CABO II (IS-PR 233)       | 7.8              | 5.3               | 75.0                       | 4.8           | 4.8 | 5.3 | 5.8             | 5.3 | 6.5 | 6.0 | 5.6  |
| PREMIER II                | 5.8              | 5.3               | 76.3                       | 3.8           | 6.3 | 6.3 | 5.3             | 5.0 | 5.5 | 5.3 | 5.6  |
| MANHATTAN 5 GLR (PST-2AM) | 6.8              | 6.0               | 68.8                       | 3.8           | 6.3 | 5.8 | 5.0             | 5.5 | 5.3 | 5.8 | 5.6  |
| PST-2MNG                  | 7.0              | 5.8               | 78.8                       | 4.8           | 5.0 | 5.8 | 5.5             | 5.5 | 6.0 | 5.8 | 5.6  |
| ASP6001 (RTS)             | 7.3              | 4.8               | 63.8                       | 5.5           | 6.0 | 4.8 | 4.5             | 5.0 | 7.3 | 6.3 | 5.6  |
| SRX 4682                  | 6.0              | 5.3               | 80.0                       | 4.0           | 6.3 | 5.3 | 5.5             | 5.5 | 6.0 | 5.0 | 5.6  |
| VB99                      | 7.5              | 5.5               | 78.8                       | 4.8           | 5.5 | 5.0 | 5.8             | 5.5 | 6.3 | 5.8 | 5.6  |
| O4-BEN                    | 6.5              | 5.5               | 81.3                       | 3.5           | 5.0 | 5.5 | 5.3             | 5.3 | 6.0 | 6.3 | 5.5  |
| APR 1663                  | 6.0              | 5.3               | 82.5                       | 4.5           | 5.5 | 5.5 | 5.8             | 4.8 | 6.0 | 5.5 | 5.5  |
| BRIGHTSTAR SLT            | 6.3              | 5.3               | 67.5                       | 4.8           | 5.8 | 5.5 | 5.0             | 5.0 | 6.0 | 5.8 | 5.5  |
| GALATTI (DP 17-9502)      | 6.3              | 5.3               | 76.3                       | 4.3           | 5.5 | 5.3 | 5.3             | 5.0 | 5.5 | 6.3 | 5.5  |
| DP 17-9788                | 5.5              | 4.8               | 73.8                       | 3.8           | 5.5 | 5.3 | 5.3             | 5.5 | 5.5 | 5.8 | 5.5  |
| FUSION                    | 7.8              | 6.3               | 68.8                       | 5.3           | 5.8 | 4.8 | 5.5             | 5.8 | 5.8 | 5.8 | 5.5  |
| GPR                       | 7.5              | 4.5               | 67.5                       | 5.3           | 6.0 | 5.0 | 4.8             | 5.0 | 5.5 | 6.5 | 5.5  |
| GRAY STAR (PST-2LGL)      | 6.0              | 3.8               | 72.5                       | 5.3           | 6.0 | 5.5 | 5.0             | 5.0 | 5.3 | 6.0 | 5.5  |
| HEADSTART 2               | 7.8              | 5.5               | 63.8                       | 5.0           | 5.0 | 5.0 | 5.0             | 5.3 | 6.5 | 6.5 | 5.5  |
| OVERDRIVE                 | 6.5              | 6.0               | 72.5                       | 5.5           | 5.3 | 4.3 | 5.5             | 5.3 | 6.8 | 6.0 | 5.5  |
| PM 103                    | 6.8              | 6.8               | 73.8                       | 4.0           | 5.5 | 5.0 | 4.8             | 5.3 | 6.5 | 5.8 | 5.5  |
| PS-2                      | 6.0              | 6.5               | 87.5                       | 5.8           | 5.8 | 5.5 | 5.8             | 4.8 | 5.8 | 5.5 | 5.5  |
| PST-2GSM                  | 6.5              | 6.5               | 77.5                       | 4.3           | 6.0 | 5.0 | 4.5             | 6.0 | 6.0 | 5.8 | 5.5  |
| SNR                       | 7.5              | 4.8               | 63.8                       | 4.8           | 5.3 | 5.0 | 4.3             | 5.3 | 6.8 | 6.3 | 5.5  |
| TR47                      | 7.8              | 5.5               | 62.5                       | 5.0           | 5.5 | 4.5 | 5.3             | 5.0 | 6.8 | 6.3 | 5.5  |
| ASP6003 (TRS)             | 7.3              | 6.8               | 76.3                       | 4.8           | 5.3 | 4.8 | 5.5             | 5.3 | 6.5 | 5.8 | 5.5  |
| VB77                      | 7.8              | 5.3               | 72.5                       | 5.0           | 5.8 | 5.0 | 4.8             | 4.8 | 6.3 | 6.3 | 5.5  |
| APR 1670                  | 6.5              | 4.8               | 82.5                       | 3.3           | 5.0 | 5.3 | 5.3             | 5.5 | 6.0 | 5.5 | 5.4  |
| DP1                       | 7.0              | 5.0               | 76.3                       | 4.8           | 5.3 | 5.3 | 4.5             | 5.8 | 5.5 | 6.3 | 5.4  |
| INSPIRE                   | 5.5              | 4.8               | 77.5                       | 5.0           | 5.5 | 5.8 | 5.3             | 4.8 | 5.8 | 5.3 | 5.4  |
| ACCENT II (JR-119)        | 6.8              | 5.5               | 78.8                       | 5.0           | 5.8 | 5.8 | 5.0             | 4.5 | 5.8 | 5.8 | 5.4  |
| MONTEREY 3 (JR-408)       | 6.0              | 6.3               | 62.5                       | 5.3           | 5.0 | 4.8 | 5.0             | 5.0 | 6.3 | 6.3 | 5.4  |
| L44                       | 7.5              | 6.0               | 60.0                       | 5.3           | 5.5 | 4.8 | 4.5             | 5.0 | 6.5 | 6.3 | 5.4  |
| PANTHER GLS               | 6.0              | 6.5               | 63.8                       | 3.3           | 5.5 | 5.0 | 5.0             | 5.3 | 5.8 | 5.8 | 5.4  |
| O4-BRE                    | 7.0              | 6.3               | 66.3                       | 4.0           | 5.3 | 4.8 | 5.3             | 5.3 | 5.8 | 5.8 | 5.3  |
| BAR LP 4317               | 5.5              | 5.3               | 81.3                       | 3.3           | 5.5 | 5.5 | 5.3             | 5.3 | 5.0 | 5.3 | 5.3  |
| BARLENNIUM                | 5.8              | 6.0               | 77.5                       | 4.0           | 6.3 | 5.5 | 5.3             | 4.5 | 5.5 | 5.0 | 5.3  |

TABLE 24.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT KINGSTON, RI 1/  
2005 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                    | GENETIC<br>COLOR | SEEDLING<br>VIGOR | PERCENT<br>COVER<br>SUMMER | CROWN<br>RUST | JUN  | JUL  | QUALITY RATINGS |      |      |      | MEAN |
|-------------------------|------------------|-------------------|----------------------------|---------------|------|------|-----------------|------|------|------|------|
|                         |                  |                   |                            |               |      |      | AUG             | SEP  | OCT  | NOV  |      |
| PANTHER                 | 5.5              | 4.3               | 75.0                       | 4.8           | 6.0  | 5.8  | 5.3             | 5.0  | 4.8  | 4.8  | 5.3  |
| DELAWARE XL (PICK 01-2) | 7.0              | 5.3               | 72.5                       | 5.3           | 5.3  | 5.0  | 4.5             | 4.5  | 6.3  | 6.0  | 5.3  |
| PICK 02-R               | 7.3              | 5.8               | 66.3                       | 4.0           | 5.3  | 4.8  | 5.0             | 4.5  | 5.8  | 6.8  | 5.3  |
| PRG HS-01-09            | 6.8              | 6.0               | 60.0                       | 5.3           | 5.3  | 4.5  | 4.8             | 4.5  | 6.8  | 6.3  | 5.3  |
| PST-2AG4                | 6.8              | 6.5               | 75.0                       | 4.8           | 4.5  | 5.3  | 5.0             | 5.3  | 6.0  | 6.0  | 5.3  |
| QUICKSILVER             | 6.3              | 5.3               | 72.5                       | 5.5           | 5.5  | 5.3  | 5.0             | 4.5  | 5.5  | 6.0  | 5.3  |
| RAD-PR8                 | 6.3              | 5.5               | 75.0                       | 4.3           | 5.5  | 4.5  | 5.3             | 4.8  | 6.3  | 5.8  | 5.3  |
| SUNSHINE 2              | 7.8              | 5.5               | 62.5                       | 5.5           | 4.8  | 4.8  | 5.0             | 5.0  | 6.3  | 5.8  | 5.3  |
| AFFINITY                | 4.3              | 3.5               | 78.8                       | 4.3           | 6.0  | 5.8  | 5.0             | 4.3  | 5.3  | 4.8  | 5.2  |
| CITATION FORE           | 6.0              | 5.3               | 73.8                       | 4.3           | 4.8  | 5.5  | 5.0             | 4.5  | 5.8  | 5.5  | 5.2  |
| PIANIST (DP 17-9505)    | 7.3              | 4.8               | 71.3                       | 4.8           | 5.8  | 5.5  | 4.5             | 5.0  | 5.0  | 5.5  | 5.2  |
| ES45                    | 8.0              | 5.5               | 60.0                       | 5.5           | 4.8  | 4.8  | 4.0             | 4.8  | 6.0  | 6.8  | 5.2  |
| HALO (KN42)             | 8.0              | 5.5               | 60.0                       | 6.0           | 5.3  | 4.8  | 4.3             | 4.8  | 6.3  | 5.8  | 5.2  |
| GOALKEEPER II (JR-114)  | 7.3              | 5.8               | 57.5                       | 4.8           | 6.0  | 5.0  | 4.5             | 4.5  | 5.3  | 6.0  | 5.2  |
| PM 102                  | 7.8              | 5.5               | 67.5                       | 5.5           | 4.8  | 4.5  | 4.8             | 5.0  | 6.0  | 6.0  | 5.2  |
| BAR LP 4420             | 7.3              | 5.5               | 71.3                       | 5.0           | 4.8  | 4.5  | 4.8             | 4.5  | 6.0  | 6.3  | 5.1  |
| PENTIUM                 | 5.5              | 5.5               | 75.0                       | 3.3           | 5.5  | 5.0  | 5.3             | 4.3  | 5.3  | 5.5  | 5.1  |
| LA QUINTA (JR-255)      | 7.5              | 6.0               | 63.8                       | 4.8           | 5.0  | 4.5  | 4.0             | 4.8  | 6.0  | 5.8  | 5.0  |
| PALMER III              | 5.8              | 5.5               | 72.5                       | 5.0           | 5.0  | 4.5  | 5.0             | 4.0  | 6.0  | 5.3  | 5.0  |
| PST-2BLK                | 7.0              | 5.3               | 58.8                       | 4.3           | 5.0  | 4.8  | 4.0             | 5.0  | 5.3  | 5.5  | 4.9  |
| PREMIER                 | 4.5              | 5.5               | 73.8                       | 5.0           | 5.5  | 5.3  | 4.3             | 3.8  | 4.8  | 5.0  | 4.8  |
| SRX 4692                | 6.8              | 5.3               | 63.8                       | 3.8           | 4.8  | 4.3  | 4.3             | 4.8  | 5.0  | 5.5  | 4.8  |
| LPR 02203               | 5.5              | 5.5               | 57.5                       | 6.0           | 5.3  | 4.3  | 4.5             | 4.0  | 4.8  | 4.5  | 4.5  |
| PINNACLE                | 4.0              | 5.5               | 68.8                       | 5.8           | 4.8  | 4.8  | 3.8             | 4.0  | 5.0  | 4.3  | 4.4  |
| LINN                    | 3.3              | 4.8               | 42.5                       | 6.3           | 4.8  | 3.8  | 2.3             | 2.5  | 3.0  | 3.0  | 3.2  |
| LSD VALUE               | 0.8              | 1.3               | 15.1                       | 1.7           | 2.7  | 1.3  | 1.3             | 0.9  | 1.4  | 0.9  | 0.5  |
| C.V. (%)                | 9.5              | 15.8              | 13.0                       | 21.4          | 14.7 | 14.0 | 15.5            | 12.6 | 14.1 | 10.4 | 6.4  |

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 25. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 2004 NATIONAL PERENNIAL RYEGRASS TEST AT BROOKINGS, SD 1/  
 2005 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                               | SPRING<br>GREENUP | PERCENT<br>ESTABLISH-<br>MENT | LOW<br>TEMPERATURE<br>INJURY | QUALITY RATINGS |     |     |     |     | MEAN |
|------------------------------------|-------------------|-------------------------------|------------------------------|-----------------|-----|-----|-----|-----|------|
|                                    |                   |                               |                              | JUN             | JUL | AUG | SEP | OCT |      |
| APR 1648                           | 7.0               | 65.0                          | 5.7                          | 7.3             | 8.0 | 7.3 | 7.3 | 6.7 | 7.3  |
| PREMIER II                         | 6.3               | 80.0                          | 2.7                          | 7.3             | 7.3 | 7.3 | 6.7 | 6.7 | 7.1  |
| SUNSHINE 2                         | 7.0               | 68.3                          | 6.3                          | 7.0             | 7.3 | 6.7 | 7.0 | 7.3 | 7.1  |
| IS-PR 236                          | 7.3               | 68.3                          | 5.0                          | 7.0             | 7.0 | 7.0 | 7.0 | 7.0 | 7.0  |
| DP 17-9499                         | 7.0               | 61.7                          | 6.0                          | 7.3             | 6.7 | 6.7 | 6.7 | 7.0 | 6.9  |
| EXACTA II GLSR (LTP-611-GLSR)      | 6.7               | 70.0                          | 5.0                          | 7.0             | 7.0 | 7.0 | 6.7 | 6.7 | 6.9  |
| KEYSTONE 2 (IS-PR 312)             | 7.3               | 71.7                          | 6.0                          | 7.3             | 6.7 | 6.7 | 6.7 | 7.0 | 6.9  |
| PANTHER GLS                        | 6.7               | 70.0                          | 5.3                          | 7.3             | 7.0 | 6.7 | 6.7 | 6.7 | 6.9  |
| PARAGON GLR                        | 6.7               | 66.7                          | 6.0                          | 7.7             | 7.0 | 7.0 | 6.3 | 6.3 | 6.9  |
| PM 103                             | 7.0               | 66.7                          | 6.0                          | 7.0             | 7.3 | 6.7 | 6.7 | 6.7 | 6.9  |
| TOP GUN II (JR-324)                | 7.0               | 66.7                          | 5.7                          | 7.0             | 6.7 | 6.7 | 6.7 | 7.0 | 6.8  |
| PINNACLE II                        | 7.0               | 71.7                          | 4.7                          | 6.3             | 7.3 | 6.7 | 7.0 | 6.7 | 6.8  |
| DO4-11T                            | 7.3               | 68.3                          | 5.3                          | 7.0             | 7.0 | 7.0 | 6.3 | 6.3 | 6.7  |
| GL-2                               | 7.0               | 71.7                          | 4.3                          | 7.0             | 7.0 | 6.7 | 6.3 | 6.3 | 6.7  |
| GPR                                | 7.0               | 70.0                          | 5.7                          | 7.0             | 6.7 | 6.7 | 6.3 | 7.0 | 6.7  |
| DERBY XTREME (IS-PR 268)           | 7.0               | 75.0                          | 5.3                          | 6.7             | 7.0 | 6.3 | 6.7 | 6.7 | 6.7  |
| ALL*STAR 3 (IS-PR 274)             | 6.7               | 71.7                          | 6.0                          | 7.0             | 6.7 | 6.7 | 6.3 | 6.7 | 6.7  |
| MACH I                             | 7.0               | 65.0                          | 5.0                          | 7.0             | 6.7 | 6.7 | 6.3 | 7.0 | 6.7  |
| PENTIUM                            | 7.3               | 76.7                          | 4.3                          | 6.7             | 7.0 | 6.7 | 6.7 | 6.7 | 6.7  |
| DELAWARE XL (PICK 01-2)            | 6.3               | 68.3                          | 6.3                          | 6.3             | 7.7 | 6.7 | 6.7 | 6.3 | 6.7  |
| PICK RB-1                          | 7.3               | 65.0                          | 6.0                          | 7.0             | 6.3 | 6.3 | 6.7 | 7.0 | 6.7  |
| L44                                | 7.0               | 68.3                          | 6.7                          | 6.7             | 7.0 | 6.3 | 6.7 | 6.3 | 6.6  |
| RNS                                | 7.3               | 70.0                          | 5.0                          | 7.0             | 7.0 | 6.7 | 6.3 | 6.0 | 6.6  |
| SECRETARIAT II GLSR (LTP-101-GLSR) | 6.7               | 66.7                          | 4.7                          | 7.0             | 6.7 | 6.7 | 6.3 | 6.3 | 6.6  |
| SR 4600 (SRX 4SP)                  | 7.0               | 71.7                          | 6.0                          | 6.7             | 6.3 | 6.3 | 6.7 | 7.0 | 6.6  |
| \$ILVER DOLLAR                     | 6.7               | 70.0                          | 4.3                          | 6.3             | 6.3 | 6.3 | 6.7 | 6.7 | 6.5  |
| ARR 1664                           | 7.0               | 65.0                          | 5.3                          | 6.7             | 6.3 | 6.3 | 6.3 | 6.7 | 6.5  |
| BAR LP 4420                        | 7.0               | 65.0                          | 5.0                          | 6.7             | 6.3 | 6.3 | 6.3 | 7.0 | 6.5  |
| BAR LP 4920                        | 7.0               | 66.7                          | 5.0                          | 7.0             | 6.3 | 6.3 | 6.3 | 6.7 | 6.5  |
| BUENA VISTA                        | 7.0               | 63.3                          | 5.3                          | 6.7             | 7.0 | 6.7 | 6.0 | 6.0 | 6.5  |
| PRESIDIO (CNV)                     | 6.7               | 60.0                          | 6.3                          | 6.7             | 6.0 | 6.3 | 6.7 | 6.7 | 6.5  |
| DO4-1667                           | 7.0               | 58.3                          | 6.3                          | 6.7             | 6.3 | 6.7 | 6.3 | 6.7 | 6.5  |
| DCM                                | 7.0               | 68.3                          | 5.0                          | 7.3             | 6.3 | 6.7 | 6.0 | 6.3 | 6.5  |
| ASP6004 (EXS54)                    | 7.3               | 58.3                          | 5.7                          | 7.3             | 6.0 | 6.7 | 6.0 | 6.3 | 6.5  |
| GRAY STAR (PST-2LGL)               | 6.3               | 68.3                          | 5.7                          | 7.0             | 6.3 | 6.7 | 6.0 | 6.3 | 6.5  |
| REVENGE GLX (JR-348)               | 6.3               | 63.3                          | 5.3                          | 6.7             | 6.3 | 6.3 | 6.3 | 7.0 | 6.5  |
| MS2                                | 6.3               | 65.0                          | 6.0                          | 6.7             | 6.3 | 6.3 | 6.7 | 6.7 | 6.5  |
| OVERDRIVE                          | 7.0               | 70.0                          | 6.3                          | 6.7             | 6.7 | 6.3 | 6.3 | 6.7 | 6.5  |
| PICK 02-R                          | 7.0               | 63.3                          | 6.3                          | 7.0             | 5.7 | 6.3 | 6.3 | 7.0 | 6.5  |
| FIESTA 4 (PICK F4)                 | 7.0               | 68.3                          | 5.7                          | 7.0             | 5.7 | 6.0 | 6.3 | 7.3 | 6.5  |
| PIZZAZZ                            | 7.0               | 68.3                          | 4.7                          | 6.7             | 6.3 | 6.3 | 6.3 | 6.7 | 6.5  |
| PST-2GSM                           | 6.3               | 61.7                          | 4.7                          | 6.7             | 6.7 | 6.3 | 6.3 | 6.3 | 6.5  |
| PST-2MNG                           | 7.0               | 61.7                          | 5.3                          | 6.7             | 6.7 | 6.3 | 6.3 | 6.3 | 6.5  |
| PWDR                               | 6.3               | 60.0                          | 6.0                          | 6.7             | 6.0 | 6.3 | 6.3 | 7.0 | 6.5  |
| SP4                                | 6.7               | 71.7                          | 5.3                          | 6.7             | 6.3 | 6.3 | 6.3 | 6.7 | 6.5  |
| VB99                               | 7.3               | 70.0                          | 5.7                          | 6.7             | 6.3 | 6.3 | 6.3 | 7.0 | 6.5  |
| ASP6002 (BPR)                      | 7.0               | 63.3                          | 6.3                          | 6.7             | 6.3 | 6.0 | 6.3 | 6.7 | 6.4  |

TABLE 25. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT BROOKINGS, SD 1/  
 2005 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                      | SPRING<br>GREENUP | PERCENT<br>ESTABLISH-<br>MENT | LOW<br>TEMPERATURE<br>INJURY | QUALITY RATINGS |     |     |     |     |     | MEAN |
|---------------------------|-------------------|-------------------------------|------------------------------|-----------------|-----|-----|-----|-----|-----|------|
|                           |                   |                               |                              | JUN             | JUL | AUG | SEP | OCT |     |      |
| GALATTI (DP 17-9502)      | 7.0               | 63.3                          | 5.3                          | 6.0             | 6.7 | 6.3 | 6.3 | 6.7 | 6.4 |      |
| PRIMARY (IS-PR 269)       | 7.3               | 70.0                          | 5.0                          | 6.7             | 6.0 | 6.0 | 6.3 | 7.0 | 6.4 |      |
| LCK                       | 6.7               | 61.7                          | 5.3                          | 7.0             | 6.0 | 6.0 | 6.0 | 7.0 | 6.4 |      |
| MMW                       | 6.7               | 66.7                          | 5.3                          | 6.3             | 6.7 | 6.3 | 6.3 | 6.3 | 6.4 |      |
| PANTHER                   | 5.7               | 78.3                          | 2.7                          | 7.0             | 6.3 | 6.3 | 6.0 | 6.3 | 6.4 |      |
| PST-2AG4                  | 6.0               | 68.3                          | 5.7                          | 6.3             | 6.3 | 6.3 | 6.3 | 6.7 | 6.4 |      |
| TR47                      | 7.3               | 63.3                          | 6.0                          | 6.7             | 6.3 | 6.0 | 6.3 | 6.7 | 6.4 |      |
| AC2                       | 6.7               | 61.7                          | 6.7                          | 6.7             | 6.3 | 6.0 | 6.0 | 6.7 | 6.3 |      |
| AF                        | 7.0               | 65.0                          | 5.3                          | 7.0             | 6.3 | 6.3 | 6.0 | 6.0 | 6.3 |      |
| ASP6005 (AJM)             | 6.7               | 63.3                          | 5.7                          | 6.7             | 6.3 | 6.3 | 6.0 | 6.3 | 6.3 |      |
| APR 1670                  | 6.7               | 66.7                          | 5.3                          | 6.7             | 6.3 | 6.3 | 6.0 | 6.0 | 6.3 |      |
| D04-LP05                  | 6.3               | 71.7                          | 6.0                          | 6.7             | 5.7 | 6.0 | 6.0 | 7.0 | 6.3 |      |
| HEADSTART 2               | 7.0               | 70.0                          | 6.0                          | 6.7             | 5.7 | 6.0 | 6.3 | 7.0 | 6.3 |      |
| KOKOMO II (IS-PR 235)     | 7.0               | 63.3                          | 5.3                          | 6.3             | 6.7 | 6.0 | 6.0 | 6.3 | 6.3 |      |
| PALACE (IS-PR 273)        | 7.3               | 63.3                          | 5.3                          | 7.0             | 6.0 | 6.3 | 6.0 | 6.3 | 6.3 |      |
| ACCENT II (JR-119)        | 7.0               | 63.3                          | 5.0                          | 6.7             | 6.7 | 6.3 | 6.0 | 6.0 | 6.3 |      |
| MONTEREY 3 (JR-408)       | 6.3               | 71.7                          | 5.3                          | 6.7             | 6.0 | 6.0 | 6.0 | 6.7 | 6.3 |      |
| PRG HS-01-09              | 6.7               | 58.3                          | 6.3                          | 6.3             | 6.3 | 6.0 | 6.3 | 6.3 | 6.3 |      |
| PROTEGE GLR               | 7.0               | 71.7                          | 5.7                          | 6.7             | 5.7 | 6.0 | 6.3 | 7.0 | 6.3 |      |
| RAD-PR8                   | 6.7               | 61.7                          | 5.0                          | 6.3             | 6.7 | 6.3 | 6.3 | 6.0 | 6.3 |      |
| REPELL GLS                | 7.0               | 68.3                          | 5.3                          | 6.7             | 6.7 | 6.3 | 6.3 | 5.7 | 6.3 |      |
| ASP6003 (TRS)             | 7.0               | 61.7                          | 5.7                          | 6.3             | 6.3 | 6.0 | 6.3 | 6.7 | 6.3 |      |
| VB77                      | 6.7               | 55.0                          | 6.3                          | 6.7             | 6.3 | 6.0 | 6.3 | 6.3 | 6.3 |      |
| 04-BRE                    | 6.7               | 58.3                          | 6.7                          | 6.3             | 6.0 | 6.0 | 6.0 | 6.7 | 6.2 |      |
| BARLENNIUM                | 6.7               | 80.0                          | 3.7                          | 7.0             | 6.0 | 6.3 | 5.7 | 6.0 | 6.2 |      |
| DP 17-9788                | 6.7               | 68.3                          | 6.0                          | 6.7             | 5.7 | 6.0 | 6.3 | 6.3 | 6.2 |      |
| DP1                       | 7.3               | 68.3                          | 5.3                          | 6.3             | 6.0 | 6.0 | 6.0 | 6.7 | 6.2 |      |
| FUSION                    | 6.7               | 63.3                          | 5.0                          | 6.3             | 6.3 | 6.0 | 6.0 | 6.3 | 6.2 |      |
| CABO II (IS-PR 233)       | 7.0               | 58.3                          | 6.3                          | 6.7             | 6.3 | 6.3 | 6.0 | 5.7 | 6.2 |      |
| GOALKEEPER II (JR-114)    | 6.7               | 66.7                          | 6.0                          | 6.3             | 5.7 | 6.0 | 6.0 | 7.0 | 6.2 |      |
| PALMER III                | 6.3               | 66.7                          | 4.7                          | 6.3             | 6.3 | 6.3 | 6.0 | 6.0 | 6.2 |      |
| PS-2                      | 6.7               | 60.0                          | 5.7                          | 7.0             | 5.7 | 6.0 | 6.0 | 6.3 | 6.2 |      |
| QUICKSILVER               | 7.0               | 71.7                          | 4.7                          | 6.7             | 6.0 | 6.0 | 6.0 | 6.3 | 6.2 |      |
| RG3P                      | 7.0               | 68.3                          | 4.3                          | 6.3             | 6.7 | 6.0 | 6.0 | 6.0 | 6.2 |      |
| 04-BEN                    | 6.3               | 56.7                          | 5.3                          | 6.3             | 6.3 | 6.0 | 6.0 | 6.0 | 6.1 |      |
| AAZ-B104                  | 6.7               | 58.3                          | 5.0                          | 5.7             | 6.3 | 6.0 | 6.0 | 6.3 | 6.1 |      |
| APR 1663                  | 7.0               | 66.7                          | 3.3                          | 6.7             | 6.3 | 6.3 | 5.7 | 5.7 | 6.1 |      |
| LINE DRIVE GLS (APR 1797) | 7.0               | 66.7                          | 5.0                          | 6.3             | 6.3 | 6.3 | 5.7 | 5.7 | 6.1 |      |
| BRIGHTSTAR SLT            | 6.3               | 73.3                          | 4.0                          | 6.3             | 6.3 | 6.3 | 6.0 | 5.7 | 6.1 |      |
| CITATION FORE             | 6.3               | 63.3                          | 4.7                          | 6.3             | 6.0 | 6.0 | 6.0 | 6.0 | 6.1 |      |
| D04-UP                    | 6.3               | 56.7                          | 5.0                          | 5.7             | 6.3 | 5.7 | 6.0 | 6.7 | 6.1 |      |
| ES45                      | 7.0               | 63.3                          | 5.7                          | 7.0             | 5.3 | 6.0 | 5.7 | 6.3 | 6.1 |      |
| HALO (KN42)               | 7.0               | 61.7                          | 5.7                          | 6.3             | 6.0 | 6.0 | 6.0 | 6.0 | 6.1 |      |
| INSPIRE                   | 6.3               | 68.3                          | 5.3                          | 6.3             | 6.0 | 6.0 | 6.0 | 6.3 | 6.1 |      |
| AMAZING GS (IS-PR 276)    | 7.0               | 66.7                          | 5.3                          | 6.7             | 5.7 | 5.7 | 6.0 | 6.3 | 6.1 |      |
| ASP6006 (LPFG)            | 7.3               | 63.3                          | 5.3                          | 6.7             | 5.7 | 5.7 | 5.7 | 6.7 | 6.1 |      |
| PALMER IV                 | 7.0               | 65.0                          | 5.3                          | 6.3             | 6.3 | 6.0 | 6.0 | 6.0 | 6.1 |      |

TABLE 25. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT BROOKINGS, SD 1/  
 2005 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                              | SPRING<br>GREENUP | PERCENT<br>ESTABLISH-<br>MENT | LOW<br>TEMPERATURE<br>INJURY | QUALITY RATINGS |      |      |     |     | MEAN |
|-----------------------------------|-------------------|-------------------------------|------------------------------|-----------------|------|------|-----|-----|------|
|                                   |                   |                               |                              | JUN             | JUL  | AUG  | SEP | OCT |      |
| PM 101                            | 6.3               | 68.3                          | 6.0                          | 6.0             | 6.3  | 6.0  | 6.0 | 6.3 | 6.1  |
| PST-217                           | 6.7               | 58.3                          | 5.3                          | 6.7             | 6.0  | 6.3  | 5.7 | 5.7 | 6.1  |
| PST-2BLK                          | 6.3               | 63.3                          | 5.3                          | 6.0             | 6.7  | 6.0  | 6.0 | 6.0 | 6.1  |
| ASP6001 (RTS)                     | 6.3               | 65.0                          | 6.3                          | 6.3             | 5.7  | 6.0  | 6.0 | 6.7 | 6.1  |
| BAR LP 4317                       | 6.3               | 66.7                          | 5.0                          | 6.7             | 5.7  | 5.7  | 6.0 | 6.0 | 6.0  |
| ATTRIBUTE (IS-PR 270)             | 6.7               | 61.7                          | 5.7                          | 6.0             | 6.0  | 5.7  | 6.0 | 6.3 | 6.0  |
| SNR                               | 7.0               | 60.0                          | 6.0                          | 6.3             | 5.3  | 5.7  | 6.0 | 6.7 | 6.0  |
| SRX 4682                          | 6.7               | 61.7                          | 4.7                          | 6.3             | 6.0  | 6.0  | 5.7 | 6.0 | 6.0  |
| PHENOM (APR 1660)                 | 6.7               | 70.0                          | 5.0                          | 6.0             | 6.0  | 6.0  | 5.7 | 6.0 | 5.9  |
| CHARISMATIC II GLSR (LTP-PG-GLSR) | 7.0               | 61.7                          | 4.7                          | 6.0             | 5.7  | 5.3  | 5.7 | 6.7 | 5.9  |
| LA QUINTA (JR-255)                | 6.7               | 61.7                          | 6.3                          | 6.0             | 5.7  | 5.7  | 5.7 | 6.3 | 5.9  |
| CADDIESHACK II (JR-163)           | 6.7               | 55.0                          | 5.3                          | 6.7             | 5.7  | 5.7  | 5.7 | 5.7 | 5.9  |
| MANHATTAN 5 GLR (PST-2AM)         | 6.7               | 60.0                          | 5.7                          | 5.7             | 6.0  | 5.7  | 6.0 | 6.0 | 5.9  |
| PST-2LAN                          | 6.3               | 68.3                          | 4.3                          | 6.3             | 5.7  | 6.0  | 5.3 | 6.0 | 5.9  |
| HARRIER (SRX 4UP3)                | 6.7               | 61.7                          | 4.7                          | 6.0             | 5.3  | 5.3  | 6.0 | 6.7 | 5.9  |
| AFFINITY                          | 5.3               | 78.3                          | 2.3                          | 6.3             | 6.3  | 6.3  | 5.3 | 4.7 | 5.8  |
| E-99                              | 7.0               | 60.0                          | 6.0                          | 5.7             | 6.3  | 5.7  | 5.7 | 5.7 | 5.8  |
| REGAL 5 (IS-PR 271)               | 6.7               | 56.7                          | 5.7                          | 6.0             | 5.3  | 5.3  | 5.7 | 6.0 | 5.7  |
| PM 102                            | 6.7               | 60.0                          | 5.7                          | 5.7             | 5.3  | 5.7  | 5.7 | 6.0 | 5.7  |
| SRX 4692                          | 6.7               | 55.0                          | 6.0                          | 5.7             | 6.0  | 5.3  | 5.7 | 6.0 | 5.7  |
| LPR 02203                         | 6.3               | 60.0                          | 4.7                          | 6.7             | 5.0  | 6.0  | 5.0 | 5.3 | 5.6  |
| PIANIST (DP 17-9505)              | 6.0               | 56.7                          | 6.0                          | 5.7             | 5.0  | 5.3  | 5.7 | 5.0 | 5.3  |
| PREMIER                           | 5.3               | 70.0                          | 3.0                          | 5.7             | 4.3  | 4.7  | 4.0 | 4.3 | 4.6  |
| PINNACLE                          | 5.3               | 61.7                          | 4.0                          | 5.0             | 3.7  | 4.3  | 4.0 | 3.7 | 4.1  |
| LINN                              | 2.0               | 78.3                          | .                            | 2.3             | 2.0  | 2.0  | 2.0 | 2.0 | 2.1  |
| LSD VALUE                         | 0.9               | 30.2                          | 1.5                          | 1.2             | 1.5  | 1.2  | 0.9 | 1.0 | 0.8  |
| C.V. (%)                          | 7.8               | 13.1                          | 15.8                         | 10.0            | 13.1 | 10.6 | 8.6 | 9.5 | 7.5  |

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
 STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 26.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT LOGAN, UT 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                          | GENETIC<br>COLOR | SPRING<br>GREENUP | PERCENT<br>ESTABLISH-<br>MENT | PERCENT<br>PINK SNOW<br>MOLD | QUALITY RATINGS |     |     |     |     |     |     | MEAN |
|-------------------------------|------------------|-------------------|-------------------------------|------------------------------|-----------------|-----|-----|-----|-----|-----|-----|------|
|                               |                  |                   |                               |                              | APR             | MAY | JUN | JUL | AUG | SEP | OCT |      |
| PM 101                        | 5.3              | 5.7               | 70.3                          | 15.3                         | 5.7             | 6.3 | 7.3 | 6.7 | 6.3 | 6.7 | 5.7 | 6.4  |
| ASP6002 (BPR)                 | 6.0              | 6.3               | 73.3                          | 19.3                         | 6.0             | 6.3 | 7.3 | 6.0 | 6.3 | 6.7 | 5.3 | 6.3  |
| ALL*STAR 3 (IS-PR 274)        | 5.0              | 5.0               | 80.3                          | 12.7                         | 6.3             | 7.3 | 8.0 | 5.7 | 5.7 | 5.7 | 5.3 | 6.3  |
| MS2                           | 5.7              | 5.3               | 82.0                          | 16.0                         | 6.0             | 6.7 | 7.7 | 5.7 | 6.3 | 6.7 | 5.0 | 6.3  |
| ASP6004 (EXSS54)              | 5.7              | 5.7               | 70.0                          | 17.7                         | 5.0             | 6.3 | 7.3 | 6.0 | 7.0 | 6.3 | 5.7 | 6.2  |
| APR 1648                      | 4.7              | 5.3               | 68.0                          | 11.0                         | 5.3             | 6.0 | 7.0 | 6.3 | 6.0 | 6.3 | 5.7 | 6.1  |
| EXACTA II GLSR (LTP-611-GLSR) | 5.3              | 5.3               | 77.0                          | 12.7                         | 6.3             | 6.3 | 6.3 | 5.7 | 6.3 | 6.3 | 5.7 | 6.1  |
| ATTRIBUTE (IS-PR 270)         | 6.0              | 5.3               | 80.0                          | 13.7                         | 6.7             | 6.0 | 5.3 | 5.3 | 6.7 | 7.0 | 6.0 | 6.1  |
| PRG HS-01-09                  | 5.7              | 6.0               | 73.0                          | 19.7                         | 4.7             | 6.7 | 7.0 | 5.7 | 6.3 | 7.0 | 5.7 | 6.1  |
| DO4-11T                       | 5.7              | 6.0               | 82.3                          | 21.3                         | 6.3             | 6.7 | 6.0 | 5.7 | 5.7 | 6.0 | 5.7 | 6.0  |
| PM 103                        | 5.0              | 5.7               | 70.0                          | 14.0                         | 5.0             | 6.3 | 6.3 | 5.7 | 6.3 | 6.3 | 6.3 | 6.0  |
| TR47                          | 6.0              | 6.3               | 78.3                          | 19.0                         | 5.0             | 7.0 | 8.0 | 5.0 | 5.7 | 6.0 | 5.7 | 6.0  |
| ASP6003 (TRS)                 | 5.0              | 6.0               | 75.3                          | 19.3                         | 4.7             | 6.3 | 6.7 | 6.0 | 6.0 | 6.7 | 5.7 | 6.0  |
| SNR                           | 5.7              | 6.0               | 75.0                          | 18.3                         | 5.0             | 6.3 | 6.7 | 5.7 | 5.7 | 6.3 | 5.7 | 5.9  |
| GALATTI (DP 17-9502)          | 6.3              | 3.5               | 77.7                          | 22.3                         | 5.0             | 5.3 | 6.7 | 6.0 | 5.7 | 6.0 | 5.7 | 5.8  |
| AMAZING GS (IS-PR 276)        | 4.7              | 5.7               | 70.0                          | 15.0                         | 4.7             | 6.0 | 6.7 | 5.7 | 5.7 | 6.0 | 5.7 | 5.8  |
| ACCENT II (JR-119)            | 6.0              | 6.0               | 71.0                          | 25.0                         | 5.3             | 6.3 | 6.7 | 6.0 | 5.7 | 5.7 | 5.0 | 5.8  |
| PICK 02-R                     | 4.3              | 6.0               | 67.0                          | 20.0                         | 4.0             | 7.0 | 7.3 | 5.3 | 5.7 | 6.0 | 5.3 | 5.8  |
| VB99                          | 5.3              | 6.7               | 64.7                          | 23.0                         | 4.3             | 6.3 | 6.7 | 6.0 | 5.3 | 6.0 | 6.0 | 5.8  |
| REGAL 5 (IS-PR 271)           | 6.0              | 6.0               | 72.3                          | 23.7                         | 3.7             | 6.3 | 6.7 | 6.0 | 6.0 | 6.0 | 5.3 | 5.7  |
| PALACE (IS-PR 273)            | 5.0              | 6.0               | 79.7                          | 32.0                         | 5.7             | 5.7 | 5.3 | 5.3 | 6.0 | 6.7 | 5.0 | 5.7  |
| TOP GUN II (JR-324)           | 5.7              | 6.0               | 77.0                          | 17.0                         | 5.7             | 6.0 | 7.0 | 5.7 | 5.7 | 5.3 | 4.3 | 5.7  |
| PICK RB-1                     | 5.0              | 5.3               | 71.7                          | 12.0                         | 6.0             | 6.3 | 5.7 | 5.7 | 5.7 | 5.3 | 5.3 | 5.7  |
| PIZZAZZ                       | 5.3              | 6.0               | 77.0                          | 15.3                         | 5.0             | 5.3 | 6.3 | 5.7 | 5.7 | 6.3 | 5.7 | 5.7  |
| PWDR                          | 6.3              | 5.7               | 69.3                          | 17.0                         | 5.0             | 6.7 | 6.7 | 5.3 | 5.7 | 6.0 | 4.7 | 5.7  |
| SR 4600 (SRX 4SP)             | 5.3              | 6.5               | 79.0                          | 22.3                         | 6.0             | 5.0 | 5.3 | 5.7 | 6.0 | 6.3 | 5.3 | 5.7  |
| LINE DRIVE GLS (APR 1797)     | 4.7              | 5.3               | 81.7                          | 17.0                         | 5.3             | 5.7 | 5.7 | 6.0 | 6.3 | 5.3 | 4.7 | 5.6  |
| DP1                           | 5.3              | 5.7               | 77.0                          | 15.0                         | 6.0             | 5.3 | 5.7 | 5.0 | 6.0 | 5.7 | 5.3 | 5.6  |
| HALO (KN42)                   | 4.7              | 6.0               | 76.3                          | 19.0                         | 5.3             | 6.3 | 6.3 | 5.3 | 5.7 | 5.3 | 5.0 | 5.6  |
| INSPIRE                       | 5.7              | 5.0               | 82.7                          | 28.3                         | 5.7             | 5.3 | 5.7 | 6.0 | 6.3 | 6.0 | 4.3 | 5.6  |
| KEYSTONE 2 (IS-PR 312)        | 5.0              | 6.0               | 80.3                          | 20.7                         | 5.7             | 5.0 | 6.0 | 5.7 | 6.0 | 6.0 | 5.0 | 5.6  |
| MACH I                        | 5.3              | 5.7               | 77.0                          | 13.7                         | 5.0             | 5.3 | 5.7 | 5.7 | 6.0 | 6.3 | 5.3 | 5.6  |
| FIESTA 4 (PICK F4)            | 5.0              | 5.5               | 71.3                          | 19.7                         | 4.3             | 6.0 | 7.0 | 5.3 | 5.3 | 5.7 | 5.7 | 5.6  |
| 04-BRE                        | 6.7              | 6.0               | 73.7                          | 26.7                         | 4.7             | 5.7 | 5.7 | 5.7 | 5.7 | 6.0 | 5.0 | 5.5  |
| AC2                           | 5.7              | 5.3               | 82.3                          | 20.0                         | 5.0             | 6.0 | 7.0 | 5.3 | 5.3 | 5.3 | 4.7 | 5.5  |
| PHENOM (APR 1660)             | 5.0              | 5.0               | 77.0                          | 13.3                         | 5.7             | 5.0 | 5.7 | 5.3 | 5.7 | 6.0 | 5.3 | 5.5  |
| APR 1663                      | 5.5              | 6.3               | 80.3                          | 14.0                         | 5.7             | 5.0 | 5.3 | 5.7 | 5.7 | 6.3 | 5.0 | 5.5  |
| DP 17-9499                    | 5.7              | 5.3               | 75.0                          | 21.7                         | 4.7             | 5.7 | 6.0 | 5.7 | 5.7 | 5.3 | 5.3 | 5.5  |
| DERBY XTREME (IS-PR 268)      | 5.3              | 5.7               | 77.3                          | 16.7                         | 5.3             | 5.7 | 5.7 | 5.7 | 5.7 | 5.3 | 5.3 | 5.5  |
| PRIMARY (IS-PR 269)           | 4.5              | 6.0               | 79.0                          | 27.7                         | 5.0             | 5.7 | 6.0 | 5.3 | 5.7 | 6.0 | 5.0 | 5.5  |
| LCK                           | 5.3              | 6.0               | 78.7                          | 25.0                         | 5.7             | 6.0 | 6.3 | 5.3 | 5.0 | 5.3 | 4.7 | 5.5  |
| MMW                           | 5.7              | 6.0               | 82.0                          | 19.0                         | 4.7             | 5.7 | 5.7 | 5.3 | 5.3 | 6.3 | 5.7 | 5.5  |
| OVERDRIVE                     | 3.7              | 5.3               | 75.0                          | 14.7                         | 5.0             | 5.3 | 5.3 | 5.3 | 6.0 | 6.0 | 5.3 | 5.5  |
| PALMER IV                     | 4.7              | 5.7               | 80.3                          | 13.7                         | 5.7             | 5.7 | 6.0 | 6.0 | 5.3 | 5.0 | 5.0 | 5.5  |
| PANTHER GLS                   | 5.3              | 5.3               | 78.3                          | 15.7                         | 5.0             | 5.0 | 6.0 | 5.7 | 5.7 | 6.0 | 5.0 | 5.5  |
| PARAGON GLR                   | 5.0              | 5.7               | 82.7                          | 13.0                         | 5.7             | 5.7 | 5.7 | 5.0 | 5.7 | 5.7 | 5.0 | 5.5  |
| DELAWARE XL (PICK 01-2)       | 5.7              | 5.3               | 73.0                          | 18.7                         | 5.7             | 6.0 | 6.0 | 5.3 | 5.3 | 5.3 | 5.0 | 5.5  |

TABLE 26.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT LOGAN, UT 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                      | GENETIC<br>COLOR | SPRING<br>GREENUP | PERCENT<br>ESTABLISH-<br>MENT | PERCENT<br>PINK SNOW<br>MOLD | QUALITY RATINGS |     |     |     |     |     |     | MEAN |
|---------------------------|------------------|-------------------|-------------------------------|------------------------------|-----------------|-----|-----|-----|-----|-----|-----|------|
|                           |                  |                   |                               |                              | APR             | MAY | JUN | JUL | AUG | SEP | OCT |      |
| SP4                       | 5.7              | 5.7               | 68.7                          | 17.7                         | 3.7             | 6.0 | 6.3 | 6.0 | 6.3 | 5.7 | 4.7 | 5.5  |
| VB77                      | 5.3              | 6.5               | 77.0                          | 34.3                         | 3.3             | 6.3 | 6.0 | 5.7 | 6.0 | 6.0 | 5.0 | 5.5  |
| 04-BEN                    | 5.7              | 5.3               | 72.7                          | 16.0                         | 5.0             | 5.0 | 5.7 | 5.7 | 6.0 | 5.3 | 5.3 | 5.4  |
| D04-1667                  | 5.0              | 5.0               | 74.7                          | 14.3                         | 5.7             | 5.7 | 5.0 | 5.0 | 5.3 | 5.7 | 5.3 | 5.4  |
| D04-LP05                  | 5.3              | 5.3               | 71.3                          | 15.7                         | 5.3             | 5.3 | 5.3 | 5.7 | 6.0 | 5.7 | 4.3 | 5.4  |
| LA QUINTA (JR-255)        | 5.3              | 6.3               | 75.3                          | 22.3                         | 5.7             | 6.0 | 5.7 | 5.3 | 5.3 | 5.3 | 4.3 | 5.4  |
| CADDIESHACK II (JR-163)   | 6.0              | 5.0               | 77.3                          | 27.7                         | 4.3             | 5.7 | 6.3 | 4.7 | 5.7 | 6.3 | 5.0 | 5.4  |
| L44                       | 4.3              | 6.7               | 69.3                          | 24.3                         | 4.3             | 5.7 | 6.7 | 5.7 | 5.3 | 5.7 | 4.7 | 5.4  |
| RG3P                      | 5.3              | 5.7               | 72.7                          | 16.0                         | 4.3             | 5.7 | 6.0 | 5.0 | 5.7 | 5.7 | 5.3 | 5.4  |
| RNS                       | 5.7              | 6.0               | 84.3                          | 24.3                         | 5.3             | 5.0 | 5.7 | 5.3 | 5.3 | 6.0 | 5.0 | 5.4  |
| \$ILVER DOLLAR            | 5.0              | 6.0               | 85.0                          | 17.0                         | 4.7             | 4.7 | 5.0 | 6.0 | 6.0 | 6.0 | 4.7 | 5.3  |
| ARR 1664                  | 5.7              | 6.0               | 77.7                          | 24.3                         | 5.7             | 5.3 | 5.3 | 5.0 | 5.3 | 5.7 | 5.0 | 5.3  |
| BAR LP 4420               | 5.0              | 5.3               | 75.3                          | 21.0                         | 5.3             | 5.7 | 4.7 | 6.0 | 5.3 | 5.3 | 5.0 | 5.3  |
| PIANIST (DP 17-9505)      | 5.0              | 4.3               | 76.3                          | 22.7                         | 4.7             | 5.0 | 5.7 | 5.3 | 5.7 | 6.0 | 5.0 | 5.3  |
| IS-PR 236                 | 6.3              | 6.3               | 75.3                          | 17.7                         | 5.3             | 5.7 | 5.7 | 5.0 | 5.3 | 5.3 | 5.0 | 5.3  |
| GOALKEEPER II (JR-114)    | 5.0              | 5.7               | 73.7                          | 22.3                         | 4.0             | 6.7 | 6.7 | 5.3 | 5.3 | 5.0 | 4.3 | 5.3  |
| ASP6006 (LPFG)            | 6.0              | 6.0               | 67.7                          | 20.7                         | 4.7             | 5.7 | 5.7 | 5.0 | 5.0 | 5.7 | 5.3 | 5.3  |
| DP 17-9788                | 5.0              | 5.3               | 78.3                          | 15.7                         | 5.3             | 4.7 | 5.0 | 5.3 | 5.3 | 6.0 | 4.7 | 5.2  |
| CABO II (IS-PR 233)       | 5.3              | 5.3               | 69.0                          | 22.3                         | 3.7             | 5.7 | 6.3 | 4.7 | 5.7 | 5.3 | 5.0 | 5.2  |
| REVENGE GLX (JR-348)      | 5.7              | 5.5               | 73.3                          | 27.7                         | 5.7             | 5.3 | 5.0 | 5.0 | 5.3 | 5.0 | 5.0 | 5.2  |
| REPELL GLS                | 5.7              | 5.5               | 79.0                          | 29.3                         | 5.0             | 5.7 | 4.3 | 5.0 | 6.0 | 6.0 | 4.3 | 5.2  |
| ASP6005 (AJM)             | 5.0              | 6.3               | 74.7                          | 20.7                         | 4.7             | 6.0 | 6.0 | 5.0 | 4.7 | 4.7 | 4.7 | 5.1  |
| APR 1670                  | 5.7              | 5.7               | 80.7                          | 17.0                         | 5.0             | 4.7 | 5.3 | 5.3 | 5.7 | 5.3 | 4.3 | 5.1  |
| BARLENNIUM                | 5.0              | 5.7               | 85.0                          | 27.0                         | 3.3             | 4.0 | 5.3 | 6.0 | 5.7 | 6.0 | 5.3 | 5.1  |
| BRIGHTSTAR SLT            | 5.0              | 5.3               | 79.3                          | 15.0                         | 5.7             | 4.7 | 4.7 | 5.7 | 5.7 | 5.0 | 4.7 | 5.1  |
| BUENA VISTA               | 5.3              | 5.3               | 81.0                          | 16.3                         | 6.0             | 5.7 | 4.7 | 5.0 | 5.0 | 5.3 | 4.3 | 5.1  |
| DCM                       | 6.0              | 5.7               | 77.7                          | 14.3                         | 5.3             | 5.3 | 5.7 | 5.3 | 4.7 | 5.0 | 4.7 | 5.1  |
| GL-2                      | 5.0              | 5.3               | 87.0                          | 14.7                         | 5.0             | 5.7 | 5.7 | 5.3 | 5.3 | 4.7 | 4.0 | 5.1  |
| GPR                       | 5.3              | 6.0               | 77.0                          | 26.0                         | 5.0             | 6.0 | 5.7 | 4.7 | 4.7 | 4.7 | 5.0 | 5.1  |
| MONTEREY 3 (JR-408)       | 5.3              | 5.0               | 79.3                          | 19.0                         | 4.0             | 5.3 | 6.3 | 5.7 | 5.3 | 4.7 | 4.7 | 5.1  |
| PINNACLE II               | 6.0              | 5.3               | 68.7                          | 17.3                         | 4.3             | 5.3 | 5.7 | 5.3 | 5.3 | 5.3 | 4.7 | 5.1  |
| PM 102                    | 4.7              | 6.0               | 70.3                          | 17.3                         | 5.0             | 5.0 | 5.3 | 4.7 | 5.3 | 5.3 | 5.0 | 5.1  |
| PS-2                      | 6.0              | 5.3               | 76.0                          | 17.0                         | 4.0             | 5.0 | 5.3 | 5.3 | 5.7 | 5.7 | 4.7 | 5.1  |
| RAD-PR8                   | 5.3              | 5.3               | 69.0                          | 14.7                         | 4.7             | 5.0 | 5.0 | 5.7 | 5.3 | 5.3 | 5.0 | 5.1  |
| SUNSHINE 2                | 4.3              | 6.7               | 68.0                          | 23.7                         | 4.0             | 5.3 | 6.3 | 5.3 | 5.3 | 5.0 | 4.7 | 5.1  |
| AF                        | 5.0              | 5.3               | 76.7                          | 16.3                         | 5.0             | 5.3 | 5.7 | 5.0 | 4.7 | 4.7 | 4.3 | 5.0  |
| PRESIDIO (CNV)            | 6.0              | 5.7               | 78.0                          | 20.0                         | 4.0             | 6.0 | 5.0 | 4.7 | 5.3 | 5.3 | 4.3 | 5.0  |
| ES45                      | 5.7              | 6.3               | 83.0                          | 24.7                         | 4.0             | 5.3 | 5.7 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0  |
| FUSION                    | 6.0              | 6.3               | 78.3                          | 20.3                         | 4.7             | 5.0 | 5.3 | 5.3 | 5.3 | 5.0 | 4.3 | 5.0  |
| KOKOMO II (IS-PR 235)     | 6.0              | 5.3               | 75.3                          | 13.7                         | 5.3             | 5.0 | 4.7 | 5.0 | 5.0 | 5.3 | 4.3 | 5.0  |
| MANHATTAN 5 GLR (PST-2AM) | 5.3              | 5.0               | 64.0                          | 13.0                         | 6.0             | 5.0 | 4.7 | 4.7 | 5.0 | 5.0 | 4.3 | 5.0  |
| ASP6001 (RTS)             | 6.0              | 6.0               | 71.0                          | 31.0                         | 4.3             | 6.0 | 5.0 | 5.0 | 5.0 | 5.0 | 4.7 | 5.0  |
| E-99                      | 5.7              | 5.3               | 74.3                          | 12.7                         | 5.0             | 4.7 | 5.0 | 5.0 | 5.3 | 5.3 | 4.0 | 4.9  |
| HEADSTART 2               | 5.7              | 5.3               | 76.0                          | 20.0                         | 4.3             | 6.0 | 5.7 | 4.7 | 4.7 | 4.7 | 4.3 | 4.9  |
| PALMER III                | 6.0              | 5.0               | 75.0                          | 16.7                         | 5.0             | 4.7 | 5.3 | 5.0 | 5.0 | 5.0 | 4.0 | 4.9  |
| PST-2MNG                  | 4.7              | 5.3               | 81.3                          | 12.7                         | 5.3             | 4.7 | 4.3 | 5.0 | 5.3 | 5.3 | 4.0 | 4.9  |
| SRX 4692                  | 5.0              | 6.0               | 72.7                          | 35.0                         | 5.0             | 5.0 | 4.7 | 5.0 | 5.0 | 5.3 | 4.3 | 4.9  |

TABLE 26.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT LOGAN, UT 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                               | GENETIC<br>COLOR | SPRING<br>GREENUP | PERCENT<br>ESTABLISH-<br>MENT | PERCENT<br>PINK SNOW<br>MOLD | QUALITY RATINGS |      |      |      |      |      |      |     | MEAN |
|------------------------------------|------------------|-------------------|-------------------------------|------------------------------|-----------------|------|------|------|------|------|------|-----|------|
|                                    |                  |                   |                               |                              | APR             | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  |     |      |
| D04-UP                             | 5.0              | 6.0               | 75.7                          | 16.7                         | 4.3             | 5.0  | 4.7  | 5.0  | 5.0  | 5.0  | 4.3  | 4.8 |      |
| GRAY STAR (PST-2LGL)               | 6.0              | 5.7               | 80.0                          | 21.0                         | 4.3             | 5.3  | 5.7  | 4.7  | 4.7  | 4.7  | 4.3  | 4.8 |      |
| PREMIER II                         | 5.3              | 5.0               | 77.7                          | 22.0                         | 4.7             | 4.7  | 4.0  | 5.0  | 5.0  | 5.0  | 5.0  | 4.8 |      |
| PST-217                            | 6.0              | 5.0               | 76.7                          | 18.3                         | 3.7             | 4.7  | 5.3  | 5.3  | 5.0  | 4.7  | 4.7  | 4.8 |      |
| PST-2GSM                           | 5.7              | 5.7               | 77.3                          | 19.3                         | 3.7             | 4.7  | 4.7  | 5.3  | 5.3  | 5.7  | 4.3  | 4.8 |      |
| QUICKSILVER                        | 5.7              | 5.5               | 77.0                          | 30.0                         | 4.7             | 5.0  | 5.3  | 5.0  | 4.7  | 4.7  | 4.3  | 4.8 |      |
| BAR LP 4920                        | 6.0              | 5.5               | 81.0                          | 22.7                         | 5.7             | 5.0  | 4.3  | 4.7  | 4.3  | 5.0  | 4.0  | 4.7 |      |
| CITATION FORE                      | 5.7              | 6.0               | 85.3                          | 26.3                         | 4.7             | 4.7  | 4.7  | 5.3  | 4.7  | 4.7  | 4.0  | 4.7 |      |
| HARRIER (SRX 4UP3)                 | 4.7              | 5.5               | 77.0                          | 29.3                         | 4.7             | 5.0  | 4.7  | 5.0  | 4.7  | 4.7  | 4.3  | 4.7 |      |
| BAR LP 4317                        | 5.7              | 5.3               | 83.7                          | 16.7                         | 4.7             | 5.0  | 5.0  | 4.7  | 4.3  | 4.3  | 4.0  | 4.6 |      |
| CHARISMATIC II GLSR (LTP-PG-GLSR)  | 5.0              | 5.7               | 80.0                          | 14.7                         | 5.0             | 4.7  | 4.3  | 4.3  | 4.3  | 5.0  | 4.7  | 4.6 |      |
| PENTIUM                            | 5.7              | 4.7               | 70.7                          | 14.7                         | 4.3             | 4.7  | 5.0  | 5.0  | 4.7  | 4.7  | 4.0  | 4.6 |      |
| PST-2LAN                           | 6.0              | 6.0               | 80.7                          | 22.3                         | 3.7             | 4.3  | 4.7  | 4.7  | 4.7  | 5.3  | 4.7  | 4.6 |      |
| SECRETARIAT II GLSR (LTP-101-GLSR) | 5.7              | 5.3               | 63.7                          | 18.3                         | 4.7             | 5.0  | 4.3  | 4.3  | 4.3  | 4.3  | 4.0  | 4.4 |      |
| SRX 4682                           | 5.3              | 5.3               | 70.7                          | 17.0                         | 4.7             | 5.0  | 4.3  | 5.0  | 4.3  | 4.0  | 3.7  | 4.4 |      |
| AAZ-B104                           | 6.0              | 6.0               | 72.3                          | 19.0                         | 4.7             | 5.0  | 4.3  | 4.7  | 4.7  | 3.3  | 3.3  | 4.3 |      |
| PANTHER                            | 5.3              | 5.0               | 83.7                          | 14.0                         | 4.0             | 4.3  | 4.3  | 4.7  | 4.7  | 3.7  | 3.7  | 4.2 |      |
| PROTEGE GLR                        | 5.0              | 5.7               | 83.7                          | 17.0                         | 6.0             | 5.3  | 3.7  | 4.0  | 3.7  | 3.7  | 3.3  | 4.2 |      |
| LPR 02203                          | 5.3              | 5.0               | 74.0                          | 28.7                         | 2.0             | 4.0  | 4.3  | 4.3  | 4.7  | 4.3  | 4.7  | 4.0 |      |
| AFFINITY                           | 5.3              | 5.0               | 81.7                          | 12.7                         | 4.0             | 3.3  | 3.7  | 4.3  | 4.3  | 4.3  | 3.3  | 3.9 |      |
| PREMIER                            | 5.3              | 4.7               | 86.0                          | 15.3                         | 3.3             | 3.7  | 3.7  | 4.0  | 4.0  | 3.7  | 3.7  | 3.7 |      |
| PINNACLE                           | 6.0              | 4.7               | 71.0                          | 12.0                         | 3.7             | 3.0  | 3.7  | 4.0  | 4.0  | 3.7  | 3.0  | 3.6 |      |
| PST-2AG4                           | 5.7              | 6.3               | 76.0                          | 36.3                         | 2.3             | 3.7  | 2.7  | 3.7  | 4.0  | 3.7  | 3.3  | 3.3 |      |
| PST-2BLK                           | 6.3              | 6.3               | 76.3                          | 55.3                         | 1.3             | 2.7  | 2.7  | 3.0  | 3.0  | 3.3  | 3.0  | 2.7 |      |
| LINN                               | 5.7              | 4.7               | 88.3                          | 18.0                         | 2.7             | 2.3  | 3.0  | 3.0  | 2.7  | 2.7  | 2.0  | 2.6 |      |
| LSD VALUE                          | 6.4              | 1.0               | 12.1                          | 16.2                         | 1.4             | 1.2  | 1.4  | 1.4  | 1.7  | 1.6  | 1.5  | 0.8 |      |
| C.V. (%)                           | 18.7             | 9.4               | 8.0                           | 39.7                         | 17.4            | 13.2 | 15.2 | 13.5 | 15.7 | 16.6 | 16.4 | 9.9 |      |

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 27. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 2004 NATIONAL PERENNIAL RYEGRASS TEST AT BLACKSBURG, VA 1/  
 2005 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                               | GENETIC<br>COLOR | SPRING<br>GREENUP | QUALITY RATINGS |     |     |     |     |     |     | MEAN |
|------------------------------------|------------------|-------------------|-----------------|-----|-----|-----|-----|-----|-----|------|
|                                    |                  |                   | MAR             | APR | MAY | JUL | SEP | OCT | NOV |      |
| DP1                                | 7.3              | 6.0               | 5.0             | 4.3 | 4.3 | 7.0 | 7.3 | 7.7 | 8.7 | 6.0  |
| PARAGON GLR                        | 7.0              | 6.0               | 4.3             | 4.0 | 4.0 | 7.0 | 7.7 | 8.3 | 8.7 | 6.0  |
| ARR 1664                           | 7.0              | 5.3               | 5.0             | 4.0 | 4.0 | 6.7 | 7.3 | 7.7 | 8.7 | 5.9  |
| CHARISMATIC II GLSR (LTP-PG-GLSR)  | 7.7              | 5.7               | 4.7             | 4.3 | 4.3 | 6.7 | 6.7 | 7.7 | 8.7 | 5.9  |
| CITATION FORE                      | 6.0              | 4.7               | 4.7             | 4.0 | 4.3 | 7.0 | 7.3 | 7.3 | 8.7 | 5.9  |
| MONTEREY 3 (JR-408)                | 7.3              | 5.7               | 4.7             | 4.7 | 4.7 | 6.3 | 7.0 | 7.3 | 8.7 | 5.9  |
| SR 4600 (SRX 4SP)                  | 7.0              | 6.0               | 5.3             | 4.7 | 4.0 | 5.7 | 7.3 | 7.3 | 9.0 | 5.9  |
| \$ILVER DOLLAR                     | 7.3              | 4.7               | 4.0             | 4.0 | 4.0 | 7.0 | 7.3 | 7.3 | 8.3 | 5.8  |
| DCM                                | 7.7              | 6.3               | 5.3             | 4.0 | 4.0 | 6.7 | 6.7 | 7.3 | 8.3 | 5.8  |
| MMW                                | 7.3              | 7.0               | 5.0             | 4.0 | 3.7 | 6.3 | 7.0 | 7.7 | 8.7 | 5.8  |
| MANHATTAN 5 GLR (PST-2AM)          | 6.3              | 4.7               | 4.3             | 4.0 | 4.0 | 6.3 | 6.7 | 7.7 | 9.0 | 5.8  |
| SRX 4682                           | 7.3              | 5.3               | 5.0             | 5.0 | 4.3 | 5.7 | 6.3 | 7.0 | 9.0 | 5.8  |
| 04-BRE                             | 6.3              | 5.3               | 4.0             | 4.0 | 4.0 | 6.3 | 7.0 | 7.7 | 8.3 | 5.7  |
| ACCENT II (JR-119)                 | 7.0              | 4.3               | 4.3             | 4.3 | 4.3 | 6.7 | 6.7 | 7.0 | 8.0 | 5.7  |
| PST-2GSM                           | 6.7              | 4.7               | 4.0             | 4.0 | 4.0 | 6.3 | 7.0 | 7.3 | 8.7 | 5.7  |
| SECRETARIAT II GLSR (LTP-101-GLSR) | 7.0              | 5.7               | 5.3             | 4.3 | 3.7 | 6.3 | 6.7 | 7.0 | 8.3 | 5.7  |
| HARRIER (SRX 4UP3)                 | 6.3              | 6.0               | 4.7             | 4.3 | 4.0 | 6.3 | 6.3 | 7.7 | 8.3 | 5.7  |
| VB77                               | 7.7              | 6.3               | 4.3             | 4.3 | 4.3 | 6.7 | 5.7 | 7.3 | 9.0 | 5.7  |
| BARLENNIUM                         | 6.3              | 3.7               | 4.0             | 4.0 | 4.0 | 6.0 | 6.7 | 7.3 | 8.7 | 5.6  |
| D04-11T                            | 7.3              | 5.0               | 4.3             | 4.0 | 4.0 | 7.0 | 6.0 | 7.0 | 8.7 | 5.6  |
| D04-LP05                           | 7.0              | 6.3               | 4.7             | 4.3 | 4.3 | 6.0 | 5.7 | 7.0 | 8.7 | 5.6  |
| E-99                               | 6.7              | 3.7               | 4.0             | 4.0 | 3.7 | 7.0 | 6.7 | 7.0 | 8.3 | 5.6  |
| INSPIRE                            | 6.3              | 4.7               | 4.0             | 4.0 | 4.3 | 7.0 | 5.7 | 7.0 | 8.7 | 5.6  |
| LA QUINTA (JR-255)                 | 7.7              | 6.3               | 4.0             | 4.0 | 4.3 | 6.3 | 6.0 | 7.3 | 8.7 | 5.6  |
| PALMER IV                          | 7.7              | 6.0               | 4.7             | 4.7 | 4.0 | 6.7 | 5.7 | 7.0 | 8.3 | 5.6  |
| PM 103                             | 7.3              | 5.0               | 4.7             | 4.0 | 4.0 | 5.7 | 7.0 | 7.3 | 8.0 | 5.6  |
| PST-217                            | 7.3              | 5.0               | 4.0             | 4.0 | 4.3 | 6.7 | 6.7 | 7.0 | 8.3 | 5.6  |
| 04-BEN                             | 7.3              | 4.7               | 4.7             | 4.0 | 4.0 | 5.7 | 6.3 | 7.0 | 8.3 | 5.5  |
| AAZ-B104                           | 7.0              | 6.3               | 4.7             | 4.0 | 4.0 | 6.0 | 6.0 | 7.3 | 7.7 | 5.5  |
| AC2                                | 8.0              | 6.0               | 4.3             | 4.0 | 4.0 | 6.0 | 7.0 | 7.0 | 7.7 | 5.5  |
| LINE DRIVE GLS (APR 1797)          | 6.7              | 4.3               | 4.0             | 4.3 | 4.3 | 6.3 | 6.3 | 7.0 | 8.0 | 5.5  |
| BRIGHTSTAR SLT                     | 7.3              | 4.3               | 4.0             | 4.0 | 4.0 | 6.7 | 5.7 | 7.3 | 8.0 | 5.5  |
| D04-1667                           | 7.0              | 5.0               | 4.3             | 4.3 | 3.7 | 7.0 | 6.0 | 7.0 | 8.0 | 5.5  |
| D04-UP                             | 7.7              | 5.3               | 4.7             | 4.3 | 4.0 | 6.0 | 5.7 | 7.0 | 8.0 | 5.5  |
| ES45                               | 9.0              | 6.7               | 4.7             | 4.3 | 3.7 | 5.3 | 7.0 | 7.3 | 7.7 | 5.5  |
| PRIMARY (IS-PR 269)                | 7.0              | 5.7               | 4.7             | 4.3 | 4.0 | 6.0 | 6.0 | 7.0 | 8.3 | 5.5  |
| PALACE (IS-PR 273)                 | 8.3              | 7.0               | 5.3             | 4.7 | 4.0 | 6.0 | 5.0 | 6.3 | 8.7 | 5.5  |
| KEYSTONE 2 (IS-PR 312)             | 7.3              | 6.0               | 4.7             | 4.0 | 3.7 | 5.7 | 6.0 | 7.3 | 8.3 | 5.5  |
| REVENGE GLX (JR-348)               | 7.7              | 7.0               | 4.7             | 4.3 | 4.3 | 6.0 | 6.3 | 6.7 | 7.7 | 5.5  |
| CADDIESHACK II (JR-163)            | 7.0              | 4.7               | 4.3             | 4.3 | 4.3 | 6.0 | 6.0 | 7.0 | 8.0 | 5.5  |
| PALMER III                         | 7.0              | 4.3               | 4.3             | 4.3 | 4.0 | 7.0 | 5.7 | 6.7 | 8.3 | 5.5  |
| PANTHER GLS                        | 7.3              | 5.7               | 4.0             | 4.3 | 3.7 | 5.7 | 6.7 | 7.3 | 8.0 | 5.5  |
| PENTIUM                            | 6.0              | 3.3               | 4.0             | 4.0 | 3.7 | 6.7 | 6.0 | 7.0 | 8.3 | 5.5  |
| PST-2LAN                           | 6.3              | 4.7               | 4.0             | 4.0 | 4.0 | 6.3 | 6.7 | 6.7 | 8.3 | 5.5  |
| PST-2MNG                           | 7.0              | 4.0               | 4.3             | 4.3 | 3.7 | 6.3 | 6.3 | 7.0 | 7.7 | 5.5  |
| QUICKSILVER                        | 7.3              | 5.7               | 4.0             | 4.0 | 4.3 | 6.7 | 6.0 | 7.0 | 8.0 | 5.5  |
| APR 1648                           | 8.0              | 5.0               | 4.7             | 4.3 | 3.7 | 6.0 | 5.7 | 6.3 | 8.3 | 5.4  |

TABLE 27. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT BLACKSBURG, VA 1/  
 2005 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                          | GENETIC<br>COLOR | SPRING<br>GREENUP | MAR | APR | QUALITY RATINGS |     |     |     |     | MEAN |
|-------------------------------|------------------|-------------------|-----|-----|-----------------|-----|-----|-----|-----|------|
|                               |                  |                   |     |     | MAY             | JUL | SEP | OCT | NOV |      |
| PHENOM (APR 1660)             | 8.0              | 6.0               | 4.7 | 4.3 | 4.3             | 6.7 | 5.0 | 6.7 | 7.7 | 5.4  |
| APR 1670                      | 7.3              | 4.3               | 4.0 | 4.0 | 3.7             | 5.7 | 6.7 | 7.3 | 8.0 | 5.4  |
| BAR LP 4317                   | 7.0              | 4.3               | 4.3 | 4.0 | 4.0             | 7.0 | 5.3 | 6.7 | 7.7 | 5.4  |
| ASP6004 (EXS54)               | 7.7              | 6.0               | 4.0 | 4.0 | 4.0             | 5.3 | 6.0 | 7.3 | 8.3 | 5.4  |
| KOKOMO II (IS-PR 235)         | 8.0              | 6.7               | 4.3 | 4.0 | 4.0             | 5.7 | 5.7 | 7.0 | 8.7 | 5.4  |
| IS-PR 236                     | 7.7              | 6.3               | 4.3 | 4.0 | 3.7             | 6.3 | 5.7 | 7.0 | 8.0 | 5.4  |
| DERBY XTREME (IS-PR 268)      | 7.3              | 6.3               | 4.0 | 4.0 | 4.0             | 6.0 | 5.7 | 7.0 | 8.3 | 5.4  |
| ATTRIBUTE (IS-PR 270)         | 7.7              | 5.3               | 4.7 | 4.0 | 4.0             | 6.3 | 5.3 | 6.7 | 8.0 | 5.4  |
| GOALKEEPER II (JR-114)        | 7.0              | 5.0               | 4.0 | 4.0 | 4.3             | 6.3 | 5.3 | 7.0 | 8.0 | 5.4  |
| TOP GUN II (JR-324)           | 7.3              | 5.3               | 4.0 | 4.3 | 4.3             | 5.7 | 5.3 | 7.0 | 8.7 | 5.4  |
| OVERDRIVE                     | 7.0              | 5.3               | 4.3 | 4.0 | 4.0             | 6.7 | 5.3 | 6.7 | 8.3 | 5.4  |
| FIESTA 4 (PICK F4)            | 6.7              | 6.0               | 4.7 | 4.0 | 4.0             | 5.7 | 6.0 | 7.0 | 7.7 | 5.4  |
| PREMIER                       | 5.0              | 3.0               | 4.0 | 4.0 | 4.0             | 5.7 | 6.7 | 7.0 | 8.0 | 5.4  |
| PRG HS-01-09                  | 7.7              | 5.3               | 4.0 | 4.0 | 4.0             | 5.0 | 6.7 | 7.3 | 8.3 | 5.4  |
| RAD-PR8                       | 7.0              | 5.0               | 4.0 | 4.0 | 4.0             | 6.3 | 6.7 | 6.3 | 8.0 | 5.4  |
| REPELL GLS                    | 8.0              | 6.7               | 4.7 | 4.7 | 4.0             | 6.0 | 4.3 | 6.7 | 8.7 | 5.4  |
| ASP6001 (RTS)                 | 8.0              | 6.0               | 4.7 | 4.3 | 4.0             | 6.0 | 5.3 | 6.3 | 8.3 | 5.4  |
| TR47                          | 8.0              | 6.0               | 5.0 | 4.0 | 4.0             | 5.7 | 5.7 | 7.0 | 7.7 | 5.4  |
| BAR LP 4920                   | 7.0              | 4.7               | 4.3 | 4.3 | 4.3             | 6.0 | 5.0 | 7.0 | 7.7 | 5.3  |
| ASP6002 (BPR)                 | 7.3              | 6.3               | 4.0 | 4.0 | 4.0             | 5.7 | 5.3 | 7.3 | 8.3 | 5.3  |
| BUENA VISTA                   | 7.7              | 6.3               | 4.3 | 4.0 | 3.7             | 6.3 | 5.0 | 6.7 | 8.0 | 5.3  |
| DP 17-9499                    | 7.3              | 5.0               | 4.0 | 4.0 | 4.0             | 5.3 | 5.7 | 7.3 | 8.3 | 5.3  |
| FUSION                        | 7.7              | 6.3               | 4.3 | 4.0 | 4.0             | 6.0 | 5.3 | 7.3 | 7.7 | 5.3  |
| HALO (KN42)                   | 9.0              | 7.0               | 4.3 | 4.0 | 4.0             | 5.7 | 5.0 | 6.7 | 8.3 | 5.3  |
| REGAL 5 (IS-PR 271)           | 7.7              | 6.7               | 4.3 | 4.3 | 3.7             | 6.0 | 5.3 | 7.0 | 8.0 | 5.3  |
| AMAZING GS (IS-PR 276)        | 7.3              | 5.7               | 4.3 | 4.3 | 4.3             | 5.0 | 6.0 | 7.0 | 7.7 | 5.3  |
| LCK                           | 6.7              | 5.0               | 4.0 | 4.0 | 4.0             | 5.7 | 6.0 | 6.7 | 8.0 | 5.3  |
| MACH I                        | 7.7              | 5.7               | 4.7 | 4.0 | 3.3             | 6.3 | 5.3 | 6.7 | 7.7 | 5.3  |
| MS2                           | 7.7              | 5.7               | 4.3 | 4.3 | 4.7             | 6.0 | 4.7 | 6.7 | 7.3 | 5.3  |
| PICK RB-1                     | 7.0              | 6.0               | 4.0 | 4.0 | 4.0             | 5.7 | 6.0 | 7.0 | 7.3 | 5.3  |
| PM 102                        | 7.7              | 6.0               | 4.7 | 4.0 | 4.0             | 4.3 | 5.7 | 7.3 | 8.0 | 5.3  |
| PROTEGE GLR                   | 7.3              | 6.0               | 4.7 | 4.3 | 3.0             | 5.3 | 6.0 | 7.3 | 8.0 | 5.3  |
| PS-2                          | 7.3              | 5.0               | 4.7 | 4.3 | 4.0             | 5.7 | 5.7 | 6.3 | 8.0 | 5.3  |
| RG3P                          | 7.7              | 7.0               | 4.0 | 4.3 | 4.3             | 6.3 | 5.3 | 6.7 | 7.7 | 5.3  |
| SNR                           | 8.7              | 6.0               | 4.7 | 4.3 | 4.3             | 5.7 | 4.0 | 6.3 | 8.7 | 5.3  |
| VB99                          | 8.0              | 6.3               | 4.7 | 4.0 | 4.0             | 5.3 | 5.7 | 7.0 | 7.7 | 5.3  |
| AF                            | 7.0              | 5.0               | 4.3 | 4.0 | 4.0             | 5.0 | 5.3 | 7.0 | 7.7 | 5.2  |
| AFFINITY                      | 4.7              | 3.3               | 4.0 | 4.0 | 3.7             | 6.3 | 5.3 | 6.7 | 7.3 | 5.2  |
| PIANIST (DP 17-9505)          | 7.3              | 4.0               | 4.3 | 4.0 | 4.0             | 6.3 | 4.7 | 6.3 | 8.0 | 5.2  |
| EXACTA II GLSR (LTP-611-GLSR) | 7.3              | 5.3               | 4.0 | 3.7 | 3.7             | 5.7 | 6.0 | 7.3 | 7.0 | 5.2  |
| GRAY STAR (PST-2LGL)          | 7.0              | 6.7               | 4.0 | 4.0 | 3.7             | 6.7 | 5.0 | 6.0 | 8.0 | 5.2  |
| DELAWARE XL (PICK 01-2)       | 7.7              | 6.3               | 4.3 | 4.3 | 4.0             | 6.3 | 4.7 | 6.3 | 7.7 | 5.2  |
| PINNACLE II                   | 7.3              | 5.0               | 4.3 | 4.0 | 3.7             | 5.0 | 5.3 | 7.0 | 8.0 | 5.2  |
| PM 101                        | 7.3              | 5.3               | 4.0 | 4.0 | 4.0             | 5.3 | 5.0 | 7.0 | 8.0 | 5.2  |
| PREMIER II                    | 6.7              | 4.3               | 4.0 | 4.0 | 4.0             | 5.7 | 5.3 | 6.7 | 8.0 | 5.2  |
| SUNSHINE 2                    | 7.3              | 6.0               | 4.0 | 4.0 | 4.0             | 6.0 | 5.3 | 6.7 | 7.7 | 5.2  |
| APR 1663                      | 6.7              | 4.0               | 4.0 | 4.0 | 4.0             | 5.0 | 5.0 | 6.7 | 8.0 | 5.1  |

TABLE 27. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT BLACKSBURG, VA 1/  
 2005 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                   | GENETIC<br>COLOR | SPRING<br>GREENUP | QUALITY RATINGS |     |      |      |      |      |      | MEAN |
|------------------------|------------------|-------------------|-----------------|-----|------|------|------|------|------|------|
|                        |                  |                   | MAR             | APR | MAY  | JUL  | SEP  | OCT  | NOV  |      |
| GALATTI (DP 17-9502)   | 7.3              | 4.0               | 4.0             | 4.0 | 4.0  | 5.3  | 4.7  | 7.0  | 8.0  | 5.1  |
| DP 17-9788             | 6.7              | 5.0               | 4.0             | 4.0 | 4.0  | 5.0  | 4.7  | 6.7  | 8.3  | 5.1  |
| GPR                    | 8.0              | 6.0               | 4.7             | 4.3 | 4.0  | 5.0  | 4.7  | 6.3  | 7.7  | 5.1  |
| CABO II (IS-PR 233)    | 8.0              | 7.0               | 4.0             | 3.3 | 3.3  | 6.0  | 6.0  | 6.7  | 7.3  | 5.1  |
| L44                    | 7.7              | 6.0               | 4.3             | 4.0 | 4.0  | 5.3  | 5.3  | 6.3  | 7.7  | 5.1  |
| PANTHER                | 5.7              | 4.0               | 4.3             | 4.0 | 3.7  | 5.7  | 5.7  | 6.3  | 7.3  | 5.1  |
| PIZZAZZ                | 7.3              | 5.0               | 4.0             | 4.0 | 4.0  | 6.3  | 4.3  | 6.3  | 8.0  | 5.1  |
| PWDR                   | 8.0              | 6.0               | 4.3             | 4.0 | 4.0  | 5.0  | 5.0  | 7.0  | 7.7  | 5.1  |
| RNS                    | 7.7              | 5.3               | 4.3             | 4.0 | 4.0  | 5.7  | 4.7  | 6.7  | 7.7  | 5.1  |
| SP4                    | 8.7              | 6.0               | 4.0             | 4.0 | 4.0  | 5.7  | 5.0  | 7.0  | 7.3  | 5.1  |
| SRX 4692               | 7.7              | 5.3               | 4.0             | 3.7 | 3.0  | 5.7  | 5.7  | 7.0  | 8.0  | 5.1  |
| ASP6005 (AJM)          | 7.7              | 6.0               | 4.3             | 4.0 | 4.0  | 5.3  | 4.0  | 5.7  | 8.3  | 5.0  |
| BAR LP 4420            | 7.3              | 6.0               | 4.0             | 4.0 | 4.3  | 5.7  | 5.3  | 6.3  | 6.7  | 5.0  |
| GL-2                   | 7.3              | 5.7               | 4.3             | 4.0 | 4.0  | 5.0  | 4.7  | 6.7  | 7.7  | 5.0  |
| ALL*STAR 3 (IS-PR 274) | 7.0              | 5.7               | 4.0             | 4.0 | 4.3  | 5.3  | 4.7  | 6.7  | 7.3  | 5.0  |
| PICK 02-R              | 8.0              | 6.3               | 4.3             | 4.3 | 4.3  | 5.3  | 4.3  | 6.0  | 7.7  | 5.0  |
| PST-2AG4               | 7.3              | 5.3               | 4.3             | 4.0 | 4.0  | 5.3  | 4.7  | 6.0  | 7.3  | 5.0  |
| PST-2BLK               | 7.7              | 5.0               | 4.0             | 4.0 | 3.3  | 5.3  | 5.0  | 6.7  | 7.7  | 5.0  |
| ASP6003 (TRS)          | 7.7              | 6.3               | 4.3             | 4.0 | 4.0  | 5.0  | 4.3  | 6.7  | 7.7  | 5.0  |
| ASP6006 (LPFG)         | 8.0              | 6.3               | 4.3             | 3.7 | 3.3  | 5.0  | 4.7  | 6.7  | 7.3  | 4.9  |
| PRESIDIO (CNV)         | 8.3              | 5.7               | 3.7             | 3.7 | 4.0  | 4.0  | 5.0  | 6.3  | 7.3  | 4.8  |
| HEADSTART 2            | 7.3              | 4.7               | 4.0             | 4.0 | 3.7  | 5.7  | 4.0  | 6.0  | 7.0  | 4.8  |
| PINNACLE               | 4.7              | 3.0               | 4.0             | 4.0 | 3.3  | 4.0  | 4.7  | 6.0  | 8.3  | 4.8  |
| LPR 02203              | 5.7              | 3.7               | 4.0             | 4.0 | 3.7  | 4.7  | 3.3  | 5.7  | 6.3  | 4.5  |
| LINN                   | 4.0              | 2.7               | 3.3             | 3.3 | 3.0  | 3.0  | 3.0  | 4.0  | 4.0  | 3.5  |
| LSD VALUE              | 1.1              | 1.5               | 1.5             | 1.1 | 1.2  | 2.1  | 2.8  | 1.6  | 2.0  | 0.7  |
| C.V. (%)               | 9.5              | 16.2              | 12.4            | 8.8 | 11.1 | 15.9 | 21.3 | 10.2 | 10.4 | 6.9  |

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
 STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 28. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 2004 NATIONAL PERENNIAL RYEGRASS TEST AT PULLMAN, WA 1/  
 2005 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                          | GENETIC<br>COLOR | LEAF<br>TEXTURE | SEEDLING<br>VIGOR | QUALITY RATINGS |     |     |     |     | MEAN |
|-------------------------------|------------------|-----------------|-------------------|-----------------|-----|-----|-----|-----|------|
|                               |                  |                 |                   | JUN             | JUL | AUG | SEP | OCT |      |
| GRAY STAR (PST-2LGL)          | 7.7              | 8.0             | 6.3               | 6.7             | 7.0 | 7.0 | 8.3 | 6.3 | 7.1  |
| PROTEGE GLR                   | 7.0              | 8.0             | 5.7               | 6.7             | 7.0 | 7.3 | 8.0 | 6.3 | 7.1  |
| HALO (KN42)                   | 7.7              | 8.0             | 5.7               | 6.3             | 7.3 | 7.0 | 8.0 | 6.0 | 6.9  |
| MS2                           | 7.0              | 8.0             | 6.0               | 6.0             | 7.0 | 6.7 | 8.7 | 6.0 | 6.9  |
| DELAWARE XL (PICK 01-2)       | 7.0              | 8.0             | 6.7               | 6.7             | 6.7 | 6.7 | 8.3 | 6.0 | 6.9  |
| PM 102                        | 8.3              | 8.0             | 5.3               | 6.3             | 7.0 | 7.3 | 8.0 | 6.0 | 6.9  |
| SR 4600 (SRX 4SP)             | 7.0              | 8.0             | 5.7               | 6.3             | 7.0 | 7.0 | 8.3 | 6.0 | 6.9  |
| PHENOM (APR 1660)             | 6.7              | 8.0             | 6.7               | 7.0             | 6.7 | 6.7 | 7.7 | 6.0 | 6.8  |
| BAR LP 4420                   | 7.0              | 8.0             | 5.7               | 6.3             | 7.0 | 6.7 | 8.0 | 6.0 | 6.8  |
| AMAZING GS (IS-PR 276)        | 7.0              | 7.7             | 5.0               | 6.0             | 7.0 | 6.7 | 8.0 | 6.3 | 6.8  |
| PIZZAZZ                       | 7.0              | 8.0             | 6.0               | 6.3             | 7.0 | 7.0 | 7.7 | 6.0 | 6.8  |
| APR 1648                      | 7.3              | 8.0             | 5.0               | 6.3             | 6.7 | 6.7 | 8.0 | 6.0 | 6.7  |
| APR 1663                      | 7.0              | 8.0             | 6.0               | 6.0             | 7.0 | 7.0 | 7.7 | 6.0 | 6.7  |
| BAR LP 4920                   | 6.7              | 8.0             | 6.0               | 6.0             | 7.0 | 6.7 | 7.7 | 6.0 | 6.7  |
| ASP6002 (BPR)                 | 7.3              | 8.0             | 5.7               | 6.0             | 7.0 | 6.7 | 8.0 | 6.0 | 6.7  |
| D04-LP05                      | 6.7              | 8.0             | 5.7               | 5.7             | 6.7 | 7.0 | 8.0 | 6.0 | 6.7  |
| DP 17-9499                    | 7.0              | 8.0             | 5.7               | 6.0             | 7.0 | 6.7 | 7.7 | 6.0 | 6.7  |
| HEADSTART 2                   | 7.0              | 8.0             | 5.7               | 6.0             | 6.7 | 6.7 | 7.7 | 6.3 | 6.7  |
| IS-PR 236                     | 7.0              | 8.0             | 5.3               | 6.3             | 7.0 | 6.7 | 7.3 | 6.3 | 6.7  |
| MACH I                        | 6.7              | 8.0             | 6.3               | 6.0             | 7.0 | 6.3 | 8.0 | 6.0 | 6.7  |
| PALMER IV                     | 6.7              | 8.0             | 5.3               | 6.7             | 6.7 | 6.7 | 8.0 | 5.7 | 6.7  |
| PARAGON GLR                   | 7.0              | 8.0             | 5.7               | 6.3             | 6.7 | 6.7 | 7.7 | 6.0 | 6.7  |
| PICK RB-1                     | 6.3              | 8.0             | 5.7               | 6.3             | 6.7 | 6.0 | 8.0 | 6.3 | 6.7  |
| PM 101                        | 7.0              | 8.0             | 6.0               | 6.7             | 7.0 | 6.7 | 7.3 | 5.7 | 6.7  |
| PM 103                        | 7.0              | 8.0             | 5.3               | 6.0             | 6.3 | 7.0 | 7.7 | 6.7 | 6.7  |
| SP4                           | 8.0              | 8.0             | 5.3               | 6.0             | 7.0 | 7.0 | 7.7 | 6.0 | 6.7  |
| HARRIER (SRX 4UP3)            | 7.0              | 8.0             | 5.7               | 6.0             | 6.7 | 7.0 | 8.0 | 6.0 | 6.7  |
| SUNSHINE 2                    | 7.0              | 8.0             | 5.7               | 6.0             | 7.0 | 6.7 | 8.0 | 6.0 | 6.7  |
| TR47                          | 7.7              | 8.0             | 5.7               | 6.3             | 7.0 | 6.7 | 7.7 | 6.0 | 6.7  |
| VB77                          | 7.0              | 8.0             | 6.0               | 6.3             | 7.0 | 6.7 | 7.7 | 5.7 | 6.7  |
| VB99                          | 7.7              | 8.0             | 6.0               | 6.3             | 7.0 | 6.7 | 7.7 | 6.0 | 6.7  |
| LINE DRIVE GLS (APR 1797)     | 6.7              | 8.0             | 5.0               | 5.7             | 7.0 | 6.7 | 8.0 | 5.7 | 6.6  |
| D04-11T                       | 6.7              | 8.0             | 5.3               | 6.0             | 7.0 | 6.7 | 7.7 | 5.7 | 6.6  |
| EXACTA II GLSR (LTP-611-GLSR) | 7.0              | 8.0             | 5.7               | 6.0             | 6.7 | 6.3 | 8.0 | 6.0 | 6.6  |
| GPR                           | 7.0              | 8.0             | 5.7               | 6.3             | 6.7 | 6.3 | 7.7 | 6.0 | 6.6  |
| PALACE (IS-PR 273)            | 7.0              | 8.0             | 6.0               | 6.3             | 6.7 | 6.3 | 7.7 | 6.0 | 6.6  |
| ALL*STAR 3 (IS-PR 274)        | 7.3              | 7.7             | 5.3               | 5.7             | 6.7 | 6.7 | 7.3 | 6.7 | 6.6  |
| \$ILVER DOLLAR                | 7.0              | 7.7             | 5.7               | 5.7             | 6.7 | 7.0 | 7.3 | 6.0 | 6.5  |
| AAZ-B104                      | 7.0              | 8.0             | 5.3               | 6.0             | 6.7 | 6.3 | 7.7 | 6.0 | 6.5  |
| ARR 1664                      | 6.7              | 8.0             | 6.7               | 6.3             | 6.3 | 6.0 | 7.7 | 6.0 | 6.5  |
| BUENA VISTA                   | 6.3              | 8.0             | 5.7               | 6.0             | 6.3 | 6.3 | 7.7 | 6.3 | 6.5  |
| PRESIDIO (CNV)                | 7.3              | 8.0             | 5.7               | 5.3             | 7.0 | 6.3 | 7.7 | 6.0 | 6.5  |
| D04-1667                      | 7.0              | 8.0             | 5.0               | 5.7             | 6.3 | 6.7 | 7.7 | 6.0 | 6.5  |
| D04-UP                        | 7.0              | 8.0             | 6.0               | 6.0             | 6.3 | 6.7 | 7.7 | 6.0 | 6.5  |
| DCM                           | 7.0              | 7.7             | 5.7               | 6.0             | 6.7 | 6.3 | 7.7 | 5.7 | 6.5  |
| ASP6004 (EXS54)               | 7.3              | 8.0             | 6.0               | 6.0             | 6.7 | 6.3 | 7.3 | 6.0 | 6.5  |
| GL-2                          | 7.0              | 8.0             | 5.7               | 6.0             | 6.7 | 6.7 | 7.7 | 5.7 | 6.5  |

TABLE 28. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT PULLMAN, WA 1/  
 2005 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                               | GENETIC<br>COLOR | LEAF<br>TEXTURE | SEEDLING<br>VIGOR | QUALITY RATINGS |     |     |     |     | MEAN |
|------------------------------------|------------------|-----------------|-------------------|-----------------|-----|-----|-----|-----|------|
|                                    |                  |                 |                   | JUN             | JUL | AUG | SEP | OCT |      |
| KOKOMO II (IS-PR 235)              | 7.3              | 8.0             | 5.3               | 5.3             | 6.7 | 6.7 | 7.7 | 6.3 | 6.5  |
| ATTRIBUTE (IS-PR 270)              | 7.0              | 8.0             | 5.7               | 6.0             | 6.3 | 6.3 | 7.7 | 6.0 | 6.5  |
| REGAL 5 (IS-PR 271)                | 7.3              | 8.0             | 5.3               | 6.0             | 6.7 | 6.7 | 7.3 | 6.0 | 6.5  |
| MONTEREY 3 (JR-408)                | 7.0              | 8.0             | 5.7               | 5.3             | 6.7 | 6.3 | 7.7 | 6.3 | 6.5  |
| ASP6006 (LPFG)                     | 7.0              | 8.0             | 5.3               | 6.0             | 6.7 | 6.3 | 7.7 | 6.0 | 6.5  |
| FIESTA 4 (PICK F4)                 | 6.7              | 8.0             | 5.7               | 6.3             | 6.3 | 6.7 | 7.3 | 6.0 | 6.5  |
| QUICKSILVER                        | 7.0              | 8.0             | 5.7               | 6.0             | 6.3 | 6.7 | 7.7 | 6.0 | 6.5  |
| ASP6001 (RTS)                      | 7.3              | 7.7             | 5.3               | 5.7             | 6.0 | 6.3 | 7.7 | 6.7 | 6.5  |
| ASP6003 (TRS)                      | 7.3              | 8.0             | 5.7               | 6.0             | 6.7 | 6.7 | 7.7 | 5.3 | 6.5  |
| AC2                                | 7.0              | 8.0             | 5.0               | 6.0             | 6.7 | 6.7 | 7.3 | 5.3 | 6.4  |
| DP1                                | 7.3              | 8.0             | 5.7               | 5.7             | 6.7 | 6.0 | 8.0 | 5.7 | 6.4  |
| CABO II (IS-PR 233)                | 7.7              | 8.0             | 5.0               | 5.3             | 6.3 | 6.3 | 7.7 | 6.3 | 6.4  |
| L44                                | 7.7              | 7.7             | 5.3               | 5.7             | 6.7 | 6.7 | 7.0 | 6.0 | 6.4  |
| PINNACLE II                        | 7.0              | 8.0             | 5.7               | 6.3             | 6.3 | 6.3 | 7.7 | 5.3 | 6.4  |
| PRG HS-01-09                       | 7.7              | 8.0             | 5.0               | 5.3             | 6.7 | 6.7 | 7.3 | 6.0 | 6.4  |
| PS-2                               | 7.0              | 8.0             | 5.7               | 5.7             | 6.3 | 6.3 | 7.7 | 6.0 | 6.4  |
| PWDR                               | 7.0              | 8.0             | 5.7               | 6.0             | 6.3 | 6.3 | 7.3 | 6.0 | 6.4  |
| REPELL GLS                         | 6.7              | 8.0             | 6.0               | 6.3             | 6.3 | 6.3 | 7.0 | 6.0 | 6.4  |
| SNR                                | 7.7              | 7.7             | 5.3               | 5.3             | 6.7 | 6.7 | 7.3 | 6.0 | 6.4  |
| AF                                 | 7.0              | 8.0             | 5.3               | 5.7             | 6.3 | 6.7 | 7.0 | 6.0 | 6.3  |
| ASP6005 (AJM)                      | 7.3              | 8.0             | 5.7               | 6.0             | 6.3 | 6.3 | 7.0 | 6.0 | 6.3  |
| BARLENNIUM                         | 6.3              | 8.0             | 6.0               | 5.7             | 7.0 | 6.7 | 7.0 | 5.0 | 6.3  |
| ES45                               | 7.3              | 8.0             | 6.0               | 5.3             | 6.3 | 6.7 | 7.7 | 5.3 | 6.3  |
| FUSION                             | 7.0              | 8.0             | 4.3               | 5.3             | 7.0 | 6.0 | 7.3 | 6.0 | 6.3  |
| DERBY XTREME (IS-PR 268)           | 7.0              | 8.0             | 6.3               | 5.7             | 6.3 | 6.0 | 7.3 | 6.0 | 6.3  |
| KEYSTONE 2 (IS-PR 312)             | 6.7              | 8.0             | 6.3               | 5.7             | 6.3 | 6.0 | 7.7 | 5.7 | 6.3  |
| REVENGE GLX (JR-348)               | 7.3              | 8.0             | 5.7               | 6.0             | 6.7 | 6.3 | 7.0 | 5.3 | 6.3  |
| MMW                                | 7.0              | 8.0             | 5.7               | 6.0             | 6.3 | 6.3 | 7.7 | 5.3 | 6.3  |
| PST-2AG4                           | 6.7              | 8.0             | 5.0               | 5.3             | 6.7 | 6.0 | 7.3 | 6.3 | 6.3  |
| PST-2GSM                           | 6.3              | 8.0             | 5.3               | 5.3             | 6.3 | 6.3 | 7.7 | 6.0 | 6.3  |
| PST-2MMG                           | 6.7              | 7.7             | 5.7               | 5.7             | 6.3 | 6.3 | 7.7 | 5.7 | 6.3  |
| RAD-PR8                            | 6.7              | 8.0             | 6.3               | 6.0             | 7.0 | 6.7 | 7.0 | 4.7 | 6.3  |
| RG3P                               | 7.0              | 8.0             | 5.3               | 6.3             | 6.3 | 6.0 | 7.0 | 6.0 | 6.3  |
| SRX 4692                           | 7.0              | 8.0             | 5.3               | 5.3             | 6.7 | 6.7 | 7.7 | 5.0 | 6.3  |
| APR 1670                           | 7.0              | 8.0             | 4.7               | 6.0             | 6.7 | 6.3 | 6.3 | 5.7 | 6.2  |
| BAR LP 4317                        | 6.3              | 8.0             | 5.3               | 6.0             | 6.7 | 6.3 | 7.0 | 5.0 | 6.2  |
| PRIMARY (IS-PR 269)                | 7.0              | 8.0             | 5.7               | 5.7             | 6.0 | 6.0 | 7.3 | 6.0 | 6.2  |
| RNS                                | 6.7              | 8.0             | 5.7               | 5.0             | 6.3 | 6.7 | 7.3 | 5.7 | 6.2  |
| SECRETARIAT II GLSR (LTP-101-GLSR) | 6.7              | 7.7             | 5.3               | 5.3             | 6.3 | 6.3 | 7.3 | 5.7 | 6.2  |
| SRX 4682                           | 6.7              | 7.3             | 5.7               | 5.3             | 6.3 | 6.7 | 7.0 | 5.7 | 6.2  |
| CITATION FORE                      | 6.3              | 7.7             | 5.3               | 5.7             | 6.0 | 6.3 | 6.7 | 5.7 | 6.1  |
| GALATTI (DP 17-9502)               | 6.3              | 8.0             | 5.0               | 5.3             | 6.3 | 6.7 | 7.0 | 5.3 | 6.1  |
| TOP GUN II (JR-324)                | 7.0              | 8.0             | 5.7               | 5.7             | 6.7 | 5.7 | 6.7 | 5.7 | 6.1  |
| LCK                                | 6.3              | 8.0             | 5.7               | 5.7             | 6.0 | 6.0 | 7.0 | 5.7 | 6.1  |
| PALMER III                         | 6.7              | 8.0             | 4.3               | 4.7             | 6.3 | 6.3 | 7.3 | 6.0 | 6.1  |
| PANTHER GLS                        | 6.7              | 8.0             | 5.3               | 5.7             | 6.0 | 6.3 | 7.0 | 5.7 | 6.1  |
| PICK 02-R                          | 7.7              | 7.3             | 5.0               | 5.3             | 6.3 | 6.3 | 6.3 | 6.3 | 6.1  |

TABLE 28. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT PULLMAN, WA 1/  
 2005 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                              | GENETIC<br>COLOR | LEAF<br>TEXTURE | SEEDLING<br>VIGOR | QUALITY RATINGS |     |     |      |     | MEAN |
|-----------------------------------|------------------|-----------------|-------------------|-----------------|-----|-----|------|-----|------|
|                                   |                  |                 |                   | JUN             | JUL | AUG | SEP  | OCT |      |
| PIANIST (DP 17-9505)              | 7.0              | 8.0             | 4.3               | 4.7             | 6.3 | 6.3 | 7.0  | 5.7 | 6.0  |
| INSPIRE                           | 6.0              | 8.0             | 6.3               | 5.7             | 6.3 | 6.3 | 6.7  | 5.0 | 6.0  |
| PENTIUM                           | 6.3              | 7.7             | 6.0               | 5.0             | 6.3 | 6.3 | 7.0  | 5.3 | 6.0  |
| MANHATTAN 5 GLR (PST-2AM)         | 6.7              | 8.0             | 5.3               | 5.0             | 6.3 | 6.0 | 7.3  | 5.3 | 6.0  |
| 04-BEN                            | 6.7              | 8.0             | 4.7               | 5.0             | 6.0 | 5.7 | 6.7  | 6.0 | 5.9  |
| 04-BRE                            | 6.3              | 8.0             | 5.0               | 5.3             | 6.0 | 6.3 | 6.3  | 5.7 | 5.9  |
| DP 17-9788                        | 6.3              | 7.7             | 5.3               | 5.3             | 5.7 | 6.3 | 6.0  | 6.0 | 5.9  |
| ACCENT II (JR-119)                | 6.7              | 8.0             | 5.3               | 5.0             | 6.0 | 6.0 | 6.7  | 6.0 | 5.9  |
| LA QUINTA (JR-255)                | 7.3              | 8.0             | 4.3               | 5.0             | 6.0 | 6.0 | 6.7  | 6.0 | 5.9  |
| OVERDRIVE                         | 6.3              | 8.0             | 5.7               | 5.0             | 5.7 | 6.0 | 6.7  | 6.0 | 5.9  |
| PREMIER II                        | 6.3              | 7.7             | 6.0               | 5.0             | 6.7 | 6.3 | 6.7  | 5.0 | 5.9  |
| PST-217                           | 6.7              | 8.0             | 5.3               | 5.0             | 6.0 | 6.3 | 6.7  | 5.7 | 5.9  |
| PST-2BLK                          | 6.3              | 7.3             | 5.0               | 5.3             | 6.3 | 6.0 | 7.0  | 5.0 | 5.9  |
| PST-2LAN                          | 6.0              | 8.0             | 6.0               | 5.0             | 6.3 | 6.0 | 6.7  | 5.3 | 5.9  |
| BRIGHTSTAR SLT                    | 6.3              | 8.0             | 5.7               | 5.3             | 5.3 | 6.0 | 6.7  | 5.7 | 5.8  |
| CHARISMATIC II GLSR (LTP-PG-GLSR) | 6.3              | 7.3             | 5.3               | 5.0             | 6.0 | 6.0 | 6.7  | 5.3 | 5.8  |
| E-99                              | 6.7              | 8.0             | 5.7               | 5.7             | 6.0 | 6.3 | 6.7  | 4.3 | 5.8  |
| GOALKEEPER II (JR-114)            | 7.0              | 8.0             | 5.0               | 5.0             | 5.7 | 6.0 | 6.7  | 5.7 | 5.8  |
| CADDIESHACK II (JR-163)           | 6.0              | 8.0             | 5.0               | 5.3             | 5.7 | 6.0 | 5.7  | 5.0 | 5.5  |
| PANTHER                           | 6.0              | 8.0             | 6.7               | 5.0             | 5.3 | 6.0 | 6.0  | 5.3 | 5.5  |
| LPR 02203                         | 6.0              | 8.0             | 6.0               | 4.7             | 5.3 | 5.7 | 5.7  | 5.3 | 5.3  |
| AFFINITY                          | 5.7              | 7.7             | 6.3               | 4.0             | 5.3 | 6.0 | 5.3  | 5.3 | 5.2  |
| PINNACLE                          | 4.7              | 7.0             | 5.0               | 3.7             | 5.0 | 5.3 | 4.7  | 6.0 | 4.9  |
| PREMIER                           | 4.7              | 7.3             | 5.7               | 4.7             | 4.7 | 4.7 | 5.0  | 5.7 | 4.9  |
| LINN                              | 2.0              | 6.7             | 6.7               | 3.0             | 2.0 | 2.0 | 2.3  | 4.3 | 2.7  |
| LSD VALUE                         | 0.9              | 0.6             | 1.6               | 1.3             | 1.1 | 1.0 | 1.4  | 1.1 | 0.7  |
| C.V. (%)                          | 8.1              | 3.6             | 12.0              | 12.4            | 9.9 | 8.7 | 11.1 | 9.0 | 7.1  |

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 29.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT PUYALLUP, WA 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                              | GENETIC<br>COLOR | DENSITY<br>SPRING | DENSITY<br>SUMMER | DENSITY<br>FALL | PERCENT<br>COVER<br>SUMMER | RED<br>THREAD | MOWING<br>QUALITY | DISEASE<br>COMPLEX */ | QUALITY RATINGS      |     | PERCENT COVER RATINGS |         |         |
|-----------------------------------|------------------|-------------------|-------------------|-----------------|----------------------------|---------------|-------------------|-----------------------|----------------------|-----|-----------------------|---------|---------|
|                                   |                  |                   |                   |                 |                            |               |                   |                       | AFTER TRAFFIC<br>NOV | DEC | 1 WEEK                | 2 WEEKS | 4 WEEKS |
| SR 4600 (SRX 4SP)                 | 7.3              | 9.0               | 7.3               | 8.0             | 97.7                       | 5.3           | 5.7               | 5.3                   | 3.0                  | 4.0 | 53.3                  | 70.0    | 73.3    |
| PALMER IV                         | 8.0              | 9.0               | 7.7               | 8.3             | 99.0                       | 5.3           | 4.7               | 4.7                   | 3.3                  | 4.0 | 60.0                  | 66.7    | 70.0    |
| BUENA VISTA                       | 7.7              | 9.0               | 7.0               | 8.3             | 99.0                       | 5.7           | 5.0               | 6.0                   | 3.7                  | 4.3 | 63.3                  | 56.7    | 70.0    |
| DP 17-9499                        | 7.7              | 9.0               | 8.0               | 8.0             | 97.7                       | 6.0           | 8.3               | 6.3                   | 3.7                  | 4.0 | 63.3                  | 60.0    | 60.0    |
| DP1                               | 7.3              | 8.7               | 6.7               | 8.7             | 97.7                       | 5.7           | 5.7               | 5.3                   | 4.0                  | 4.0 | 63.3                  | 66.7    | 73.3    |
| LCK                               | 7.3              | 8.7               | 7.7               | 8.3             | 99.0                       | 6.7           | 5.3               | 6.7                   | 4.0                  | 4.0 | 66.7                  | 63.3    | 66.7    |
| PIZZAZZ                           | 7.3              | 9.0               | 8.3               | 8.3             | 99.0                       | 5.0           | 7.3               | 5.0                   | 3.3                  | 4.0 | 53.3                  | 46.7    | 66.7    |
| APR 1648                          | 8.3              | 8.3               | 7.7               | 8.0             | 97.7                       | 5.3           | 9.0               | 5.0                   | 3.7                  | 4.0 | 73.3                  | 63.3    | 73.3    |
| D04-11T                           | 7.3              | 9.0               | 8.0               | 9.0             | 97.7                       | 6.0           | 5.7               | 5.7                   | 3.7                  | 4.0 | 63.3                  | 70.0    | 70.0    |
| GL-2                              | 7.3              | 9.0               | 7.3               | 8.7             | 99.0                       | 5.3           | 5.0               | 5.7                   | 3.7                  | 4.0 | 70.0                  | 63.3    | 73.3    |
| KOKOMO II (IS-PR 235)             | 8.7              | 8.7               | 6.7               | 8.0             | 86.7                       | 6.0           | 5.3               | 5.7                   | 3.7                  | 4.0 | 66.7                  | 63.3    | 63.3    |
| REGAL 5 (IS-PR 271)               | 8.3              | 8.3               | 7.7               | 7.7             | 99.0                       | 5.7           | 8.3               | 4.3                   | 4.0                  | 4.0 | 66.7                  | 66.7    | 60.0    |
| ALL*STAR 3 (IS-PR 274)            | 7.7              | 8.7               | 7.7               | 8.0             | 97.7                       | 5.0           | 5.7               | 4.3                   | 3.7                  | 4.0 | 63.3                  | 66.7    | 70.0    |
| MMW                               | 7.3              | 9.0               | 7.7               | 8.3             | 99.0                       | 4.7           | 6.0               | 4.7                   | 3.3                  | 4.3 | 53.3                  | 60.0    | 70.0    |
| OVERDRIVE                         | 7.3              | 8.3               | 7.7               | 8.3             | 99.0                       | 5.3           | 8.0               | 5.7                   | 4.0                  | 4.0 | 66.7                  | 60.0    | 66.7    |
| RG3P                              | 7.3              | 8.7               | 7.3               | 8.0             | 97.7                       | 6.3           | 6.7               | 5.7                   | 4.0                  | 4.3 | 70.0                  | 73.3    | 83.3    |
| RNS                               | 7.0              | 9.0               | 6.3               | 8.7             | 99.0                       | 5.0           | 5.0               | 6.3                   | 3.3                  | 4.0 | 56.7                  | 70.0    | 66.7    |
| LINE DRIVE GLS (APR 1797)         | 6.7              | 8.7               | 7.0               | 8.0             | 97.7                       | 5.0           | 7.7               | 4.7                   | 3.3                  | 4.0 | 56.7                  | 56.7    | 63.3    |
| D04-LP05                          | 7.7              | 8.7               | 7.0               | 8.3             | 99.0                       | 6.0           | 6.3               | 5.0                   | 3.7                  | 4.0 | 66.7                  | 66.7    | 70.0    |
| PARAGON GLR                       | 7.0              | 9.0               | 7.7               | 8.3             | 99.0                       | 5.0           | 5.0               | 5.7                   | 4.0                  | 4.0 | 66.7                  | 70.0    | 66.7    |
| CITATION FORE                     | 6.7              | 8.3               | 7.7               | 8.0             | 99.0                       | 5.0           | 9.0               | 5.0                   | 4.0                  | 4.0 | 70.0                  | 63.3    | 80.0    |
| DCM                               | 6.7              | 9.0               | 7.7               | 8.0             | 99.0                       | 5.3           | 6.0               | 4.7                   | 3.3                  | 4.0 | 63.3                  | 63.3    | 66.7    |
| GALATTI (DP 17-9502)              | 7.3              | 8.3               | 7.7               | 7.7             | 97.7                       | 4.7           | 7.7               | 5.0                   | 3.7                  | 4.0 | 63.3                  | 56.7    | 70.0    |
| EXACTA II GLSR (LTP-611-GLSR)     | 7.7              | 9.0               | 7.3               | 8.7             | 96.3                       | 5.7           | 4.3               | 5.3                   | 3.0                  | 4.0 | 63.3                  | 60.0    | 66.7    |
| PALACE (IS-PR 273)                | 8.7              | 9.0               | 7.7               | 8.3             | 97.7                       | 5.0           | 8.0               | 5.7                   | 4.0                  | 4.0 | 66.7                  | 70.0    | 73.3    |
| PICK RB-1                         | 7.7              | 9.0               | 6.7               | 8.0             | 97.7                       | 5.7           | 4.3               | 5.7                   | 3.7                  | 4.0 | 70.0                  | 70.0    | 73.3    |
| PINNACLE II                       | 7.3              | 8.3               | 7.3               | 7.7             | 99.0                       | 4.7           | 7.0               | 5.0                   | 3.3                  | 4.0 | 70.0                  | 63.3    | 80.0    |
| AC2                               | 8.7              | 8.7               | 8.0               | 7.7             | 99.0                       | 5.0           | 7.7               | 4.7                   | 3.7                  | 4.0 | 63.3                  | 63.3    | 66.7    |
| BAR LP 4920                       | 7.3              | 8.7               | 7.0               | 7.3             | 97.7                       | 5.0           | 8.3               | 4.7                   | 3.7                  | 4.0 | 66.7                  | 66.7    | 66.7    |
| ASP6002 (BPR)                     | 9.0              | 8.3               | 8.3               | 8.0             | 96.3                       | 6.0           | 7.7               | 4.7                   | 4.0                  | 4.0 | 63.3                  | 53.3    | 66.7    |
| CHARISMATIC II GLSR (LTP-PG-GLSR) | 7.0              | 8.3               | 6.7               | 7.7             | 97.7                       | 5.3           | 7.7               | 4.7                   | 3.7                  | 4.0 | 66.7                  | 70.0    | 76.7    |
| PRESIDIO (CNV)                    | 8.7              | 8.0               | 7.7               | 7.0             | 96.3                       | 5.7           | 7.7               | 4.3                   | 3.7                  | 4.0 | 66.7                  | 60.0    | 73.3    |
| D04-UP                            | 7.3              | 9.0               | 7.0               | 8.0             | 99.0                       | 5.7           | 5.3               | 5.3                   | 3.3                  | 4.0 | 66.7                  | 56.7    | 66.7    |
| FUSION                            | 8.3              | 7.7               | 7.0               | 7.7             | 96.3                       | 5.7           | 5.0               | 5.7                   | 3.7                  | 4.0 | 63.3                  | 56.7    | 66.7    |
| CABO II (IS-PR 233)               | 9.0              | 8.0               | 7.0               | 7.7             | 97.7                       | 5.3           | 6.7               | 5.3                   | 3.7                  | 4.3 | 66.7                  | 73.3    | 70.0    |
| DERBY XTREME (IS-PR 268)          | 8.0              | 8.7               | 7.0               | 7.7             | 95.0                       | 6.0           | 6.0               | 6.0                   | 3.3                  | 4.3 | 63.3                  | 73.3    | 80.0    |
| AMAZING GS (IS-PR 276)            | 8.0              | 8.7               | 7.0               | 8.3             | 97.7                       | 5.7           | 6.0               | 6.3                   | 3.3                  | 4.0 | 66.7                  | 66.7    | 60.0    |
| MACH I                            | 8.0              | 8.7               | 7.7               | 8.0             | 97.7                       | 5.3           | 7.3               | 4.7                   | 3.7                  | 4.0 | 73.3                  | 66.7    | 76.7    |
| PANTHER GLS                       | 7.3              | 8.3               | 7.3               | 7.0             | 99.0                       | 4.7           | 7.7               | 5.0                   | 3.3                  | 4.0 | 63.3                  | 60.0    | 66.7    |
| FIESTA 4 (PICK F4)                | 7.7              | 8.7               | 7.3               | 8.0             | 97.7                       | 5.0           | 6.7               | 4.7                   | 3.3                  | 4.0 | 60.0                  | 66.7    | 73.3    |
| PM 101                            | 8.3              | 8.7               | 7.3               | 7.3             | 97.7                       | 5.0           | 7.3               | 5.0                   | 3.3                  | 4.0 | 66.7                  | 73.3    | 73.3    |
| PST-217                           | 7.0              | 8.7               | 7.7               | 8.0             | 97.7                       | 5.3           | 7.7               | 5.0                   | 4.0                  | 4.0 | 66.7                  | 56.7    | 73.3    |
| SNR                               | 8.3              | 8.7               | 8.3               | 7.3             | 97.7                       | 5.7           | 7.3               | 3.7                   | 3.7                  | 4.0 | 66.7                  | 50.0    | 70.0    |
| SILVER DOLLAR                     | 7.3              | 8.3               | 7.0               | 7.7             | 97.7                       | 5.7           | 8.3               | 4.7                   | 4.0                  | 4.0 | 63.3                  | 73.3    | 76.7    |
| AAZ-B104                          | 7.3              | 8.0               | 6.7               | 8.0             | 96.3                       | 5.7           | 5.3               | 5.3                   | 4.0                  | 4.0 | 70.0                  | 73.3    | 80.0    |
| AF                                | 6.3              | 9.0               | 7.3               | 7.7             | 96.3                       | 5.7           | 5.0               | 5.0                   | 3.3                  | 4.0 | 56.7                  | 63.3    | 73.3    |
| PHENOM (APR 1660)                 | 7.7              | 8.7               | 7.0               | 7.7             | 97.7                       | 4.0           | 6.7               | 5.0                   | 4.0                  | 4.0 | 56.7                  | 60.0    | 73.3    |

TABLE 29.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT PUYALLUP, WA 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                               | GENETIC<br>COLOR | DENSITY<br>SPRING | DENSITY<br>SUMMER | DENSITY<br>FALL | PERCENT<br>COVER<br>SUMMER | RED<br>THREAD | MOWING<br>QUALITY | DISEASE<br>COMPLEX */ | QUALITY RATINGS<br>AFTER TRAFFIC |     | PERCENT COVER RATINGS<br>AFTER TRAFFIC |            |            |
|------------------------------------|------------------|-------------------|-------------------|-----------------|----------------------------|---------------|-------------------|-----------------------|----------------------------------|-----|--|------------|------------|
|                                    |                  |                   |                   |                 |                            |               |                   |                       | NOV                              | DEC | 1<br>WEEK                              | 2<br>WEEKS | 4<br>WEEKS |
| APR 1663                           | 6.7              | 8.7               | 6.7               | 7.3             | 97.7                       | 6.0           | 6.7               | 5.0                   | 4.0                              | 4.3 | 70.0                                   | 70.0       | 80.0       |
| D04-1667                           | 6.7              | 8.3               | 6.3               | 8.3             | 97.7                       | 5.7           | 7.0               | 5.3                   | 3.3                              | 4.0 | 66.7                                   | 66.7       | 70.0       |
| GPR                                | 8.0              | 8.0               | 7.3               | 7.0             | 97.7                       | 5.3           | 7.0               | 3.0                   | 4.0                              | 4.3 | 73.3                                   | 66.7       | 76.7       |
| ATTRIBUTE (IS-PR 270)              | 7.7              | 8.7               | 7.0               | 8.3             | 97.7                       | 4.3           | 7.0               | 5.0                   | 3.7                              | 4.0 | 66.7                                   | 66.7       | 70.0       |
| KEYSTONE 2 (IS-PR 312)             | 7.0              | 8.7               | 7.3               | 7.3             | 97.7                       | 5.7           | 5.3               | 4.7                   | 4.0                              | 4.0 | 63.3                                   | 56.7       | 73.3       |
| ACCENT II (JR-119)                 | 7.0              | 8.0               | 8.0               | 7.0             | 99.0                       | 6.0           | 8.0               | 3.0                   | 3.3                              | 4.0 | 66.7                                   | 60.0       | 63.3       |
| ASP6006 (LPFG)                     | 8.3              | 8.0               | 7.7               | 7.3             | 99.0                       | 5.7           | 7.0               | 4.0                   | 4.0                              | 4.0 | 60.0                                   | 60.0       | 66.7       |
| DELAWARE XL (PICK 01-2)            | 8.7              | 8.7               | 7.3               | 7.7             | 97.7                       | 5.0           | 8.0               | 4.0                   | 3.7                              | 4.3 | 66.7                                   | 66.7       | 76.7       |
| PICK 02-R                          | 9.0              | 8.3               | 7.7               | 7.0             | 97.7                       | 4.7           | 7.7               | 4.3                   | 3.7                              | 4.0 | 60.0                                   | 56.7       | 63.3       |
| PWDR                               | 8.7              | 8.3               | 7.0               | 7.7             | 97.7                       | 5.0           | 8.3               | 4.3                   | 3.7                              | 4.0 | 66.7                                   | 66.7       | 73.3       |
| QUICKSILVER                        | 7.7              | 9.0               | 7.7               | 7.0             | 96.3                       | 5.0           | 7.3               | 4.3                   | 4.0                              | 4.0 | 63.3                                   | 63.3       | 66.7       |
| RAD-PR8                            | 6.7              | 7.7               | 7.3               | 7.3             | 97.7                       | 5.3           | 8.7               | 4.7                   | 3.3                              | 4.0 | 63.3                                   | 56.7       | 73.3       |
| SUNSHINE 2                         | 8.7              | 8.3               | 8.3               | 7.0             | 97.7                       | 5.0           | 7.0               | 3.7                   | 4.0                              | 5.7 | 70.0                                   | 60.0       | 76.7       |
| ASP6003 (TRS)                      | 8.0              | 8.0               | 8.0               | 7.7             | 99.0                       | 6.3           | 8.0               | 4.0                   | 3.3                              | 4.0 | 60.0                                   | 63.3       | 66.7       |
| ASP6005 (AJM)                      | 8.7              | 9.0               | 7.3               | 7.3             | 97.7                       | 6.0           | 7.7               | 4.3                   | 4.0                              | 4.0 | 63.3                                   | 63.3       | 66.7       |
| APR 1670                           | 7.0              | 8.0               | 6.7               | 7.3             | 97.7                       | 5.0           | 8.3               | 3.7                   | 3.7                              | 4.3 | 63.3                                   | 70.0       | 76.7       |
| PIANIST (DP 17-9505)               | 7.3              | 8.0               | 6.7               | 7.7             | 97.7                       | 5.0           | 7.7               | 5.0                   | 3.3                              | 4.0 | 63.3                                   | 56.7       | 70.0       |
| ASP6004 (EXS54)                    | 8.3              | 8.3               | 7.3               | 7.7             | 96.3                       | 6.3           | 7.0               | 4.7                   | 3.3                              | 4.3 | 53.3                                   | 56.7       | 66.7       |
| GRAY STAR (PST-2LGL)               | 8.0              | 8.3               | 7.3               | 7.3             | 97.7                       | 5.7           | 6.0               | 5.0                   | 3.7                              | 4.0 | 65.0                                   | 60.0       | 73.3       |
| PRIMARY (IS-PR 269)                | 7.3              | 8.3               | 6.7               | 8.0             | 97.7                       | 5.7           | 6.0               | 5.3                   | 3.3                              | 4.0 | 63.3                                   | 60.0       | 70.0       |
| REVENGE GLX (JR-348)               | 7.7              | 9.0               | 7.3               | 8.3             | 97.7                       | 5.7           | 7.0               | 5.7                   | 3.3                              | 4.0 | 56.7                                   | 63.3       | 63.3       |
| PROTEGE GLR                        | 7.3              | 9.0               | 7.0               | 8.3             | 95.0                       | 5.3           | 3.0               | 6.0                   | 3.7                              | 4.0 | 56.7                                   | 56.7       | 73.3       |
| PS-2                               | 7.0              | 8.0               | 8.0               | 7.3             | 94.7                       | 6.3           | 7.3               | 3.7                   | 3.3                              | 4.3 | 66.7                                   | 53.3       | 66.7       |
| MANHATTAN 5 GLR (PST-2AM)          | 7.0              | 9.0               | 6.7               | 7.7             | 99.0                       | 4.0           | 8.0               | 4.7                   | 3.7                              | 4.0 | 70.0                                   | 63.3       | 66.7       |
| PST-2GSM                           | 6.7              | 8.0               | 7.0               | 7.3             | 96.3                       | 6.7           | 6.0               | 4.7                   | 3.7                              | 4.0 | 70.0                                   | 60.0       | 76.7       |
| REPELL GLS                         | 7.0              | 8.3               | 6.3               | 8.7             | 97.7                       | 5.3           | 5.3               | 4.7                   | 4.0                              | 4.0 | 70.0                                   | 66.7       | 73.3       |
| SECRETARIAT II GLSR (LTP-101-GLSR) | 6.7              | 9.0               | 6.7               | 8.0             | 96.3                       | 4.0           | 6.3               | 5.7                   | 4.0                              | 4.0 | 66.7                                   | 63.3       | 66.7       |
| VB77                               | 8.0              | 7.7               | 8.0               | 7.3             | 99.0                       | 5.7           | 8.0               | 4.0                   | 3.3                              | 4.0 | 63.3                                   | 56.7       | 66.7       |
| ARR 1664                           | 7.3              | 9.0               | 7.0               | 8.7             | 99.0                       | 5.3           | 5.7               | 4.7                   | 3.7                              | 4.0 | 60.0                                   | 66.7       | 66.7       |
| BAR LP 4317                        | 6.0              | 8.3               | 7.3               | 7.7             | 96.3                       | 4.0           | 7.7               | 4.3                   | 3.3                              | 4.0 | 60.0                                   | 60.0       | 56.7       |
| BAR LP 4420                        | 7.7              | 8.7               | 7.7               | 7.7             | 95.0                       | 5.0           | 6.3               | 5.3                   | 4.0                              | 4.3 | 60.0                                   | 66.7       | 70.0       |
| DP 17-9788                         | 6.3              | 8.7               | 7.0               | 7.7             | 96.3                       | 4.3           | 8.3               | 4.7                   | 4.0                              | 4.0 | 63.3                                   | 63.3       | 63.3       |
| ES45                               | 8.7              | 7.7               | 7.7               | 7.0             | 96.3                       | 5.3           | 7.3               | 3.3                   | 3.3                              | 4.0 | 60.0                                   | 56.7       | 66.7       |
| HEADSTART 2                        | 8.7              | 8.7               | 7.3               | 7.3             | 96.3                       | 5.0           | 6.7               | 4.0                   | 3.7                              | 4.0 | 63.3                                   | 66.7       | 66.7       |
| IS-PR 236                          | 7.3              | 8.7               | 6.7               | 8.0             | 97.7                       | 4.7           | 5.0               | 4.0                   | 3.7                              | 4.0 | 63.3                                   | 70.0       | 73.3       |
| TOP GUN II (JR-324)                | 7.3              | 7.7               | 7.0               | 6.7             | 99.0                       | 4.3           | 8.7               | 3.3                   | 3.7                              | 4.0 | 73.3                                   | 63.3       | 70.0       |
| MS2                                | 8.0              | 8.3               | 7.0               | 7.7             | 97.7                       | 5.0           | 7.3               | 4.3                   | 3.7                              | 4.0 | 70.0                                   | 66.7       | 73.3       |
| PM 103                             | 8.3              | 8.7               | 7.3               | 7.3             | 97.7                       | 5.0           | 6.7               | 4.7                   | 3.7                              | 4.0 | 70.0                                   | 70.0       | 76.7       |
| PREMIER II                         | 6.0              | 8.7               | 7.3               | 7.0             | 99.0                       | 5.0           | 9.0               | 4.7                   | 3.3                              | 4.0 | 66.7                                   | 50.0       | 60.0       |
| PST-2AG4                           | 7.3              | 8.3               | 6.3               | 7.3             | 97.7                       | 5.0           | 7.7               | 4.7                   | 3.0                              | 4.0 | 56.7                                   | 53.3       | 66.7       |
| PST-2LAN                           | 7.0              | 8.0               | 7.0               | 6.7             | 97.7                       | 5.0           | 8.3               | 4.0                   | 3.3                              | 4.0 | 63.3                                   | 56.7       | 70.0       |
| ASP6001 (RTS)                      | 8.3              | 8.0               | 8.0               | 7.3             | 97.7                       | 5.7           | 8.0               | 3.3                   | 4.0                              | 4.0 | 60.0                                   | 66.7       | 76.7       |
| TR47                               | 9.0              | 8.0               | 7.3               | 7.7             | 96.0                       | 5.0           | 8.0               | 4.3                   | 3.3                              | 4.0 | 66.7                                   | 63.3       | 70.0       |
| E-99                               | 7.0              | 8.7               | 6.3               | 8.3             | 97.7                       | 5.0           | 6.0               | 5.0                   | 3.0                              | 4.0 | 56.7                                   | 56.7       | 63.3       |
| INSPIRE                            | 6.7              | 8.3               | 6.3               | 7.3             | 97.7                       | 5.0           | 7.0               | 4.0                   | 4.0                              | 4.0 | 66.7                                   | 70.0       | 70.0       |
| LA QUINTA (JR-255)                 | 8.3              | 8.3               | 6.7               | 7.0             | 97.7                       | 5.3           | 6.7               | 4.7                   | 4.0                              | 4.0 | 70.0                                   | 63.3       | 63.3       |
| L44                                | 9.0              | 8.3               | 7.7               | 6.7             | 96.3                       | 5.7           | 8.0               | 3.3                   | 3.7                              | 4.0 | 60.0                                   | 60.0       | 66.7       |

TABLE 29.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT PUYALLUP, WA 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                    | GENETIC<br>COLOR | DENSITY<br>SPRING | DENSITY<br>SUMMER | DENSITY<br>FALL | PERCENT<br>COVER<br>SUMMER | RED<br>THREAD | MOWING<br>QUALITY | DISEASE<br>COMPLEX */ | QUALITY RATINGS<br>AFTER TRAFFIC |     | PERCENT COVER RATINGS<br>AFTER TRAFFIC |         |         |
|-------------------------|------------------|-------------------|-------------------|-----------------|----------------------------|---------------|-------------------|-----------------------|----------------------------------|-----|--|---------|---------|
|                         |                  |                   |                   |                 |                            |               |                   |                       | NOV                              | DEC | 1 WEEK                                 | 2 WEEKS | 4 WEEKS |
| PST-2BLK                | 7.7              | 8.0               | 6.0               | 7.3             | 99.0                       | 5.7           | 7.7               | 3.7                   | 3.7                              | 4.0 | 60.0                                   | 60.0    | 66.7    |
| HARRIER (SRX 4UP3)      | 6.7              | 8.7               | 6.3               | 7.7             | 96.3                       | 4.7           | 3.7               | 5.7                   | 3.3                              | 4.0 | 63.3                                   | 63.3    | 56.7    |
| O4-BEN                  | 7.7              | 8.0               | 6.7               | 7.7             | 99.0                       | 5.7           | 5.3               | 5.0                   | 3.7                              | 4.0 | 66.7                                   | 63.3    | 66.7    |
| AFFINITY                | 5.3              | 8.3               | 6.7               | 7.7             | 97.7                       | 4.7           | 9.0               | 5.0                   | 3.0                              | 3.7 | 60.0                                   | 53.3    | 60.0    |
| HALO (KN42)             | 8.7              | 8.0               | 7.0               | 7.7             | 96.3                       | 5.7           | 8.3               | 4.7                   | 3.3                              | 4.0 | 56.7                                   | 60.0    | 70.0    |
| MONTEREY 3 (JR-408)     | 7.3              | 7.7               | 7.7               | 7.0             | 97.7                       | 5.0           | 9.0               | 2.3                   | 3.7                              | 4.0 | 53.3                                   | 60.0    | 73.3    |
| LPR 02203               | 5.3              | 8.0               | 6.7               | 7.0             | 97.7                       | 5.3           | 8.3               | 3.3                   | 3.7                              | 4.0 | 60.0                                   | 53.3    | 73.3    |
| PANTHER                 | 5.7              | 8.7               | 6.7               | 7.3             | 97.7                       | 5.0           | 8.7               | 3.3                   | 3.3                              | 4.0 | 60.0                                   | 56.7    | 73.3    |
| PM 102                  | 8.7              | 8.0               | 6.7               | 6.7             | 95.0                       | 6.0           | 5.3               | 4.7                   | 3.0                              | 4.0 | 53.3                                   | 60.0    | 60.0    |
| VB99                    | 8.0              | 7.7               | 6.7               | 6.3             | 94.7                       | 4.7           | 7.0               | 4.7                   | 3.7                              | 4.0 | 66.7                                   | 63.3    | 73.3    |
| BRIGHTSTAR SLT          | 6.7              | 8.7               | 6.3               | 7.7             | 97.7                       | 4.0           | 8.7               | 3.7                   | 4.0                              | 4.0 | 70.0                                   | 56.7    | 70.0    |
| PALMER III              | 6.3              | 8.0               | 7.3               | 6.7             | 96.3                       | 5.7           | 8.7               | 3.3                   | 3.7                              | 4.0 | 70.0                                   | 53.3    | 70.0    |
| PRG HS-01-09            | 8.7              | 7.7               | 6.7               | 6.3             | 95.0                       | 5.0           | 8.0               | 4.7                   | 3.0                              | 4.0 | 63.3                                   | 56.7    | 63.3    |
| PST-2MNG                | 7.0              | 8.0               | 6.0               | 8.0             | 97.7                       | 5.3           | 6.7               | 5.0                   | 3.0                              | 4.0 | 60.0                                   | 56.7    | 70.0    |
| SP4                     | 8.3              | 8.3               | 7.0               | 6.7             | 97.7                       | 4.7           | 8.3               | 3.0                   | 3.0                              | 4.0 | 56.7                                   | 60.0    | 63.3    |
| SRX 4692                | 7.0              | 8.3               | 6.0               | 7.0             | 99.0                       | 4.0           | 7.7               | 4.3                   | 3.7                              | 4.0 | 53.3                                   | 60.0    | 70.0    |
| O4-BRE                  | 7.3              | 8.7               | 6.7               | 7.3             | 96.3                       | 4.3           | 7.3               | 4.0                   | 3.3                              | 4.0 | 53.3                                   | 50.0    | 63.3    |
| GOALKEEPER II (JR-114)  | 8.0              | 8.0               | 7.0               | 6.7             | 96.3                       | 5.3           | 7.7               | 3.0                   | 3.3                              | 4.0 | 66.7                                   | 60.0    | 73.3    |
| PREMIER                 | 6.3              | 8.3               | 7.0               | 7.3             | 96.3                       | 4.7           | 9.0               | 4.3                   | 3.0                              | 4.0 | 53.3                                   | 53.3    | 63.3    |
| BARLENNIUM              | 6.0              | 8.0               | 6.3               | 7.0             | 97.7                       | 4.7           | 6.7               | 3.0                   | 3.3                              | 4.3 | 56.7                                   | 53.3    | 73.3    |
| CADDIESHACK II (JR-163) | 6.3              | 8.3               | 6.3               | 7.3             | 97.7                       | 4.0           | 7.3               | 3.3                   | 3.7                              | 4.0 | 63.3                                   | 56.7    | 66.7    |
| PENTIUM                 | 6.7              | 8.0               | 6.7               | 7.0             | 96.3                       | 4.7           | 6.3               | 4.3                   | 3.3                              | 4.0 | 66.7                                   | 60.0    | 66.7    |
| SRX 4682                | 6.3              | 8.3               | 6.0               | 6.7             | 96.3                       | 4.0           | 7.7               | 4.0                   | 3.3                              | 4.0 | 53.3                                   | 56.7    | 66.7    |
| PINNACLE                | 5.7              | 8.0               | 6.3               | 8.0             | 95.0                       | 4.3           | 9.0               | 3.3                   | 3.0                              | 4.0 | 56.7                                   | 53.3    | 60.0    |
| LINN                    | 5.0              | 7.7               | 6.0               | 7.7             | 93.3                       | 3.7           | 8.3               | 4.3                   | 3.0                              | 3.0 | 43.3                                   | 43.3    | 50.0    |
| LSD VALUE               | 0.9              | 0.8               | 1.6               | 1.3             | 14.4                       | 3.3           | 1.4               | 1.4                   | 1.6                              | 0.6 | 45.8                                   | 39.0    | 21.5    |
| C.V. (%)                | 8.2              | 5.3               | 10.2              | 8.7             | 2.9                        | 18.5          | 13.1              | 17.9                  | 13.6                             | 6.7 | 15.3                                   | 16.3    | 11.6    |

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

\*/ DISEASE COMPLEX WAS FUSARIUM PATCH, RED THREAD AND LEAF SPOT DISEASES.

TABLE 29.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT PUYALLUP, WA 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                              | QUALITY RATINGS |     |     |     |     |     |     |     |     |     |     |     | MEAN |
|-----------------------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
|                                   | JAN             | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |      |
| SR 4600 (SRX 4SP)                 | 5.7             | 5.0 | 5.0 | 5.7 | 6.0 | 4.7 | 4.3 | 4.7 | 6.3 | 6.3 | 7.0 | 7.3 | 5.7  |
| PALMER IV                         | 5.0             | 4.3 | 4.7 | 6.0 | 5.3 | 5.7 | 4.0 | 4.3 | 6.0 | 6.3 | 7.3 | 7.7 | 5.6  |
| BUENA VISTA                       | 5.3             | 4.7 | 4.7 | 4.7 | 6.0 | 5.0 | 4.0 | 4.3 | 6.7 | 5.3 | 7.3 | 8.0 | 5.5  |
| DP 17-9499                        | 5.7             | 5.0 | 5.0 | 5.3 | 5.0 | 6.0 | 5.3 | 5.7 | 6.3 | 4.7 | 5.0 | 7.3 | 5.5  |
| DP1                               | 5.3             | 5.0 | 5.0 | 5.3 | 5.7 | 4.3 | 4.3 | 5.0 | 6.0 | 5.3 | 7.0 | 7.3 | 5.5  |
| LCK                               | 5.7             | 4.3 | 4.0 | 4.3 | 5.7 | 5.3 | 4.7 | 4.3 | 6.0 | 6.3 | 7.3 | 7.7 | 5.5  |
| PIZZAZZ                           | 5.0             | 4.7 | 4.7 | 5.0 | 5.0 | 6.3 | 4.7 | 5.3 | 6.0 | 5.3 | 7.0 | 7.3 | 5.5  |
| APR 1648                          | 5.0             | 4.0 | 4.3 | 5.7 | 5.7 | 5.7 | 4.7 | 5.7 | 5.7 | 5.3 | 6.3 | 7.3 | 5.4  |
| DO4-11T                           | 6.0             | 4.7 | 4.7 | 5.3 | 5.7 | 5.3 | 4.7 | 4.3 | 5.7 | 4.7 | 6.0 | 7.3 | 5.4  |
| GL-2                              | 5.0             | 4.7 | 4.3 | 5.0 | 6.0 | 5.0 | 4.3 | 4.3 | 5.7 | 5.3 | 7.0 | 7.7 | 5.4  |
| KOKOMO II (IS-PR 235)             | 6.0             | 4.7 | 4.7 | 5.0 | 5.3 | 4.7 | 3.7 | 4.3 | 6.0 | 5.7 | 7.0 | 8.0 | 5.4  |
| REGAL 5 (IS-PR 271)               | 4.3             | 4.0 | 3.7 | 4.0 | 4.3 | 5.3 | 5.0 | 6.0 | 6.7 | 6.7 | 7.7 | 7.7 | 5.4  |
| ALL*STAR 3 (IS-PR 274)            | 4.7             | 4.0 | 4.7 | 5.0 | 5.3 | 5.7 | 4.3 | 4.3 | 6.3 | 5.3 | 7.7 | 7.7 | 5.4  |
| MMW                               | 4.7             | 4.7 | 4.7 | 5.0 | 5.3 | 4.7 | 4.3 | 5.0 | 5.7 | 5.7 | 7.7 | 7.3 | 5.4  |
| OVERDRIVE                         | 5.0             | 5.0 | 4.3 | 4.7 | 5.3 | 5.7 | 4.7 | 5.7 | 6.3 | 5.7 | 6.0 | 6.3 | 5.4  |
| RG3P                              | 4.7             | 4.3 | 4.3 | 5.0 | 5.7 | 4.7 | 4.7 | 4.7 | 6.0 | 5.7 | 6.7 | 8.0 | 5.4  |
| RNS                               | 6.0             | 5.3 | 5.0 | 4.7 | 5.0 | 4.7 | 3.7 | 4.7 | 6.3 | 5.7 | 6.3 | 7.3 | 5.4  |
| LINE DRIVE GLS (APR 1797)         | 4.7             | 3.7 | 4.3 | 4.3 | 4.7 | 5.3 | 4.3 | 5.7 | 7.0 | 5.3 | 6.7 | 7.0 | 5.3  |
| DO4-LPO5                          | 5.0             | 4.7 | 4.3 | 5.3 | 5.7 | 4.7 | 4.0 | 4.7 | 6.0 | 5.7 | 6.3 | 6.7 | 5.3  |
| PARAGON GLR                       | 5.3             | 4.7 | 4.3 | 4.3 | 5.3 | 5.7 | 4.0 | 4.3 | 6.0 | 5.0 | 6.7 | 7.3 | 5.3  |
| CITATION FORE                     | 4.3             | 4.0 | 4.3 | 5.0 | 5.3 | 4.7 | 4.7 | 5.3 | 6.3 | 5.0 | 6.0 | 7.0 | 5.2  |
| DCM                               | 5.3             | 4.0 | 4.0 | 4.7 | 5.3 | 5.0 | 4.7 | 4.3 | 6.0 | 5.3 | 6.3 | 7.0 | 5.2  |
| GALATTI (DP 17-9502)              | 5.0             | 4.7 | 3.7 | 5.0 | 5.0 | 5.3 | 4.7 | 5.3 | 6.0 | 5.0 | 5.7 | 7.0 | 5.2  |
| EXACTA II GLSR (LTP-611-GLSR)     | 5.3             | 4.7 | 4.3 | 5.7 | 5.3 | 5.3 | 4.0 | 4.3 | 5.0 | 4.7 | 6.3 | 7.0 | 5.2  |
| PALACE (IS-PR 273)                | 4.7             | 4.3 | 4.0 | 4.3 | 5.0 | 4.7 | 4.3 | 4.7 | 5.3 | 6.0 | 7.7 | 7.0 | 5.2  |
| PICK RB-1                         | 5.7             | 4.7 | 4.7 | 4.3 | 5.3 | 5.0 | 3.7 | 4.7 | 5.3 | 5.0 | 6.7 | 7.7 | 5.2  |
| PINNACLE II                       | 4.7             | 4.3 | 4.7 | 4.3 | 4.7 | 5.3 | 4.0 | 4.7 | 6.7 | 5.3 | 6.0 | 7.7 | 5.2  |
| AC2                               | 4.7             | 4.0 | 4.0 | 4.3 | 5.3 | 5.7 | 5.0 | 5.0 | 5.7 | 5.0 | 5.7 | 7.0 | 5.1  |
| BAR LP 4920                       | 4.7             | 4.3 | 4.0 | 5.0 | 5.0 | 5.0 | 4.0 | 4.3 | 6.0 | 5.7 | 6.0 | 7.0 | 5.1  |
| ASP6002 (BPR)                     | 4.7             | 4.3 | 4.0 | 4.3 | 5.0 | 5.7 | 5.0 | 4.7 | 5.7 | 5.0 | 6.0 | 6.7 | 5.1  |
| CHARISMATIC II GLSR (LTP-PG-GLSR) | 4.7             | 3.7 | 3.7 | 4.0 | 5.0 | 4.3 | 3.7 | 5.0 | 6.7 | 6.0 | 7.3 | 7.0 | 5.1  |
| PRESIDIO (CNV)                    | 4.3             | 3.3 | 3.7 | 4.3 | 5.0 | 5.3 | 4.7 | 5.0 | 6.0 | 5.7 | 6.3 | 7.3 | 5.1  |
| DO4-UP                            | 5.0             | 4.0 | 4.0 | 4.7 | 5.3 | 4.3 | 4.0 | 4.3 | 5.3 | 5.7 | 6.7 | 7.3 | 5.1  |
| FUSION                            | 5.7             | 4.0 | 4.0 | 4.0 | 5.0 | 4.7 | 3.7 | 4.3 | 5.7 | 5.3 | 7.3 | 8.0 | 5.1  |
| CABO II (IS-PR 233)               | 4.7             | 4.3 | 4.0 | 4.0 | 4.3 | 5.0 | 4.3 | 5.0 | 5.7 | 5.0 | 6.7 | 7.7 | 5.1  |
| DERBY XTREME (IS-PR 268)          | 5.0             | 4.0 | 4.3 | 5.0 | 5.0 | 4.7 | 4.0 | 4.3 | 5.0 | 5.3 | 7.3 | 7.3 | 5.1  |
| AMAZING GS (IS-PR 276)            | 5.3             | 4.3 | 4.3 | 4.7 | 5.7 | 5.3 | 4.3 | 4.7 | 6.0 | 4.7 | 6.0 | 6.3 | 5.1  |
| MACH I                            | 4.7             | 4.3 | 4.3 | 4.7 | 5.3 | 5.7 | 5.0 | 4.7 | 5.7 | 5.0 | 6.0 | 6.0 | 5.1  |
| PANTHER GLS                       | 5.0             | 4.0 | 4.0 | 4.7 | 4.3 | 4.7 | 4.3 | 5.3 | 5.7 | 5.3 | 6.3 | 7.0 | 5.1  |
| FIESTA 4 (PICK F4)                | 4.7             | 4.0 | 4.0 | 4.7 | 5.0 | 5.3 | 4.0 | 4.7 | 5.7 | 5.0 | 7.3 | 7.0 | 5.1  |
| PM 101                            | 4.7             | 4.0 | 4.0 | 4.3 | 4.7 | 5.7 | 5.0 | 4.3 | 5.3 | 6.0 | 5.7 | 7.3 | 5.1  |
| PST-217                           | 5.0             | 4.0 | 4.7 | 5.3 | 5.3 | 4.7 | 4.3 | 4.7 | 6.0 | 4.7 | 6.0 | 6.7 | 5.1  |
| SNR                               | 4.3             | 4.0 | 4.7 | 4.3 | 5.7 | 6.0 | 4.7 | 5.0 | 5.7 | 4.7 | 5.3 | 6.3 | 5.1  |
| SILVER DOLLAR                     | 4.3             | 4.0 | 3.7 | 4.0 | 4.3 | 5.7 | 4.7 | 4.7 | 5.7 | 5.3 | 5.7 | 7.7 | 5.0  |
| AAZ-B104                          | 5.0             | 4.3 | 4.3 | 4.3 | 5.3 | 4.3 | 3.3 | 4.7 | 4.7 | 5.3 | 6.7 | 7.3 | 5.0  |
| AF                                | 5.0             | 4.7 | 4.7 | 5.3 | 5.7 | 4.7 | 3.3 | 4.0 | 5.0 | 4.7 | 6.0 | 7.0 | 5.0  |
| PHENOM (APR 1660)                 | 4.7             | 4.0 | 4.3 | 4.7 | 5.0 | 4.3 | 4.3 | 5.0 | 5.7 | 5.3 | 6.7 | 6.3 | 5.0  |

TABLE 29.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT PUYALLUP, WA 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                               | QUALITY RATINGS |     |     |     |     |     |     |     |     |     |     |     | MEAN |
|------------------------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
|                                    | JAN             | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |      |
| APR 1663                           | 5.0             | 4.3 | 4.3 | 4.7 | 5.3 | 4.3 | 3.7 | 5.0 | 5.7 | 5.3 | 6.0 | 6.7 | 5.0  |
| D04-1667                           | 4.7             | 3.7 | 4.0 | 4.7 | 5.0 | 4.3 | 4.0 | 4.3 | 5.3 | 5.7 | 6.7 | 7.3 | 5.0  |
| GPR                                | 4.0             | 4.0 | 3.7 | 4.0 | 5.3 | 5.3 | 5.3 | 4.7 | 5.7 | 4.7 | 5.7 | 7.3 | 5.0  |
| ATTRIBUTE (IS-PR 270)              | 4.3             | 4.0 | 4.0 | 4.3 | 5.3 | 5.0 | 4.0 | 5.0 | 5.3 | 5.7 | 6.7 | 6.3 | 5.0  |
| KEYSTONE 2 (IS-PR 312)             | 4.7             | 4.0 | 4.3 | 4.0 | 5.7 | 5.3 | 3.7 | 4.7 | 5.7 | 4.3 | 6.3 | 7.0 | 5.0  |
| ACCENT II (JR-119)                 | 4.0             | 4.0 | 3.7 | 4.0 | 5.3 | 6.0 | 4.7 | 5.3 | 6.0 | 4.7 | 6.0 | 6.3 | 5.0  |
| ASP6006 (LPFG)                     | 4.3             | 4.0 | 3.7 | 4.3 | 5.0 | 5.0 | 3.7 | 4.7 | 6.0 | 5.3 | 6.7 | 7.3 | 5.0  |
| DELAWARE XL (PICK 01-2)            | 4.3             | 3.7 | 3.7 | 4.0 | 4.3 | 5.0 | 5.0 | 5.0 | 5.7 | 5.7 | 6.3 | 7.0 | 5.0  |
| PICK 02-R                          | 4.7             | 4.0 | 4.0 | 4.3 | 4.3 | 5.7 | 4.0 | 4.7 | 6.0 | 5.3 | 6.0 | 7.0 | 5.0  |
| PWDR                               | 4.3             | 3.7 | 3.7 | 4.0 | 4.7 | 4.7 | 4.7 | 5.3 | 5.7 | 6.3 | 6.3 | 6.3 | 5.0  |
| QUICKSILVER                        | 4.3             | 4.0 | 4.3 | 4.3 | 5.3 | 5.7 | 4.7 | 4.7 | 5.7 | 5.0 | 5.3 | 6.7 | 5.0  |
| RAD-PR8                            | 4.7             | 4.0 | 3.7 | 4.0 | 4.7 | 5.0 | 4.7 | 5.7 | 6.0 | 5.3 | 5.7 | 6.7 | 5.0  |
| SUNSHINE 2                         | 4.3             | 4.0 | 4.0 | 4.0 | 5.0 | 5.7 | 4.3 | 4.3 | 5.3 | 4.7 | 7.0 | 7.7 | 5.0  |
| ASP6003 (TRS)                      | 4.3             | 4.3 | 4.0 | 4.0 | 4.7 | 5.7 | 4.7 | 4.7 | 6.0 | 5.0 | 6.0 | 7.0 | 5.0  |
| ASP6005 (AJM)                      | 4.0             | 4.0 | 4.0 | 4.3 | 5.3 | 5.7 | 4.7 | 5.0 | 5.0 | 5.0 | 5.3 | 6.3 | 4.9  |
| APR 1670                           | 4.0             | 4.0 | 3.7 | 4.7 | 4.7 | 4.7 | 4.3 | 5.0 | 6.0 | 5.3 | 5.3 | 6.7 | 4.9  |
| PIANIST (DP 17-9505)               | 5.0             | 4.0 | 3.7 | 4.3 | 4.7 | 5.0 | 4.3 | 4.7 | 5.7 | 4.7 | 5.3 | 7.0 | 4.9  |
| ASP6004 (EXS54)                    | 4.7             | 4.7 | 4.0 | 4.7 | 5.0 | 5.0 | 4.0 | 4.7 | 4.7 | 5.0 | 5.7 | 6.7 | 4.9  |
| GRAY STAR (PST-2LGL)               | 4.7             | 3.7 | 4.0 | 4.3 | 5.3 | 5.0 | 4.3 | 4.7 | 5.3 | 4.7 | 5.3 | 7.0 | 4.9  |
| PRIMARY (IS-PR 269)                | 5.0             | 4.0 | 4.0 | 4.3 | 5.0 | 4.7 | 4.0 | 4.0 | 5.7 | 4.7 | 6.0 | 7.0 | 4.9  |
| REVENGE GLX (JR-348)               | 5.3             | 4.3 | 4.7 | 5.0 | 4.7 | 4.7 | 4.0 | 4.3 | 5.0 | 5.0 | 6.3 | 6.0 | 4.9  |
| PROTEGE GLR                        | 6.0             | 4.7 | 4.7 | 5.0 | 5.3 | 4.7 | 3.3 | 4.0 | 4.0 | 4.3 | 5.7 | 7.3 | 4.9  |
| PS-2                               | 4.0             | 3.7 | 3.7 | 4.0 | 5.7 | 5.7 | 5.3 | 5.3 | 5.0 | 4.3 | 5.3 | 6.7 | 4.9  |
| MANHATTAN 5 GLR (PST-2AM)          | 4.3             | 3.7 | 4.0 | 4.3 | 4.3 | 4.3 | 3.7 | 5.7 | 6.7 | 5.3 | 6.0 | 6.3 | 4.9  |
| PST-2GSM                           | 4.3             | 4.0 | 4.0 | 5.0 | 5.7 | 4.7 | 4.0 | 4.7 | 5.7 | 5.0 | 5.7 | 6.7 | 4.9  |
| REPELL GLS                         | 4.7             | 4.0 | 4.3 | 4.7 | 5.0 | 4.0 | 3.7 | 4.3 | 6.0 | 5.7 | 6.0 | 7.0 | 4.9  |
| SECRETARIAT II GLSR (LTP-101-GLSR) | 5.3             | 4.3 | 4.0 | 5.3 | 5.0 | 4.7 | 3.7 | 4.0 | 5.0 | 5.0 | 5.7 | 6.7 | 4.9  |
| VB77                               | 4.3             | 3.7 | 4.0 | 4.0 | 4.7 | 5.3 | 5.0 | 4.3 | 5.7 | 5.0 | 6.0 | 7.0 | 4.9  |
| ARR 1664                           | 4.3             | 4.0 | 4.3 | 5.0 | 5.0 | 4.7 | 4.0 | 4.0 | 5.3 | 4.7 | 5.7 | 6.7 | 4.8  |
| BAR LP 4317                        | 4.3             | 4.3 | 3.7 | 4.3 | 4.7 | 4.3 | 4.7 | 5.3 | 4.7 | 5.0 | 6.0 | 6.7 | 4.8  |
| BAR LP 4420                        | 5.0             | 3.7 | 4.0 | 4.0 | 5.0 | 5.3 | 4.3 | 4.3 | 4.3 | 4.7 | 5.7 | 6.7 | 4.8  |
| DP 17-9788                         | 4.3             | 4.0 | 3.7 | 4.7 | 4.3 | 5.0 | 4.3 | 5.0 | 5.0 | 4.7 | 6.0 | 7.0 | 4.8  |
| ES45                               | 4.0             | 4.0 | 3.0 | 3.7 | 5.0 | 5.3 | 4.7 | 4.7 | 5.7 | 5.0 | 6.0 | 7.0 | 4.8  |
| HEADSTART 2                        | 4.3             | 4.0 | 4.0 | 4.7 | 5.0 | 5.3 | 3.7 | 4.7 | 5.3 | 5.0 | 5.3 | 6.3 | 4.8  |
| IS-PR 236                          | 4.3             | 4.0 | 4.0 | 4.7 | 4.3 | 4.3 | 3.7 | 4.3 | 5.3 | 5.0 | 6.7 | 7.3 | 4.8  |
| TOP GUN II (JR-324)                | 3.7             | 3.7 | 3.7 | 3.7 | 4.7 | 5.0 | 4.3 | 5.3 | 6.0 | 5.7 | 6.0 | 6.3 | 4.8  |
| MS2                                | 4.7             | 3.7 | 4.0 | 4.3 | 5.0 | 4.7 | 4.3 | 4.3 | 5.0 | 5.7 | 5.7 | 6.3 | 4.8  |
| PM 103                             | 4.7             | 4.0 | 4.0 | 4.7 | 5.3 | 5.0 | 4.3 | 4.7 | 5.0 | 4.3 | 5.0 | 6.7 | 4.8  |
| PREMIER II                         | 4.7             | 4.0 | 3.7 | 4.0 | 4.7 | 5.0 | 4.7 | 4.3 | 6.7 | 4.7 | 5.0 | 6.0 | 4.8  |
| PST-2AG4                           | 4.3             | 4.0 | 3.7 | 4.0 | 4.7 | 4.7 | 3.7 | 4.3 | 5.7 | 5.0 | 6.7 | 7.0 | 4.8  |
| PST-2LAN                           | 4.0             | 3.7 | 3.3 | 4.3 | 4.7 | 4.7 | 4.7 | 6.0 | 6.0 | 5.0 | 5.3 | 5.7 | 4.8  |
| ASP6001 (RTS)                      | 4.0             | 3.7 | 3.7 | 4.0 | 5.3 | 5.7 | 4.7 | 5.0 | 6.0 | 4.3 | 5.3 | 6.0 | 4.8  |
| TR47                               | 4.0             | 4.0 | 3.7 | 4.7 | 4.7 | 4.7 | 4.7 | 5.0 | 5.7 | 4.7 | 5.7 | 6.7 | 4.8  |
| E-99                               | 5.0             | 4.0 | 3.7 | 4.7 | 4.7 | 4.0 | 3.3 | 4.7 | 5.3 | 4.7 | 5.3 | 7.0 | 4.7  |
| INSPIRE                            | 4.3             | 3.7 | 3.7 | 4.3 | 4.7 | 4.3 | 4.0 | 4.7 | 5.7 | 5.3 | 5.0 | 6.7 | 4.7  |
| LA QUINTA (JR-255)                 | 4.3             | 3.7 | 4.0 | 4.3 | 4.3 | 4.3 | 4.0 | 4.3 | 5.7 | 5.0 | 5.7 | 6.3 | 4.7  |
| L44                                | 4.0             | 3.0 | 3.3 | 4.0 | 4.7 | 5.7 | 5.0 | 4.7 | 5.0 | 4.7 | 5.3 | 7.0 | 4.7  |

TABLE 29.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT PUYALLUP, WA 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                    | QUALITY RATINGS |     |      |      |      |      |      |      |      |      |      |      | MEAN |
|-------------------------|-----------------|-----|------|------|------|------|------|------|------|------|------|------|------|
|                         | JAN             | FEB | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  |      |
| PST-2BLK                | 4.3             | 3.3 | 3.7  | 4.3  | 5.0  | 4.0  | 3.3  | 5.0  | 5.7  | 5.3  | 5.7  | 6.7  | 4.7  |
| HARRIER (SRX 4UP3)      | 5.0             | 4.3 | 4.3  | 4.7  | 4.3  | 4.0  | 3.3  | 4.0  | 4.7  | 4.7  | 6.3  | 6.3  | 4.7  |
| 04-BEN                  | 4.3             | 4.0 | 4.0  | 4.3  | 5.0  | 4.3  | 4.0  | 4.3  | 4.7  | 5.0  | 5.0  | 6.7  | 4.6  |
| AFFINITY                | 4.3             | 4.0 | 3.7  | 5.0  | 3.7  | 4.7  | 4.7  | 5.0  | 5.0  | 4.3  | 5.0  | 6.0  | 4.6  |
| HALO (KN42)             | 4.3             | 3.7 | 3.3  | 4.3  | 4.7  | 4.7  | 4.3  | 5.0  | 5.0  | 4.7  | 5.0  | 6.7  | 4.6  |
| MONTEREY 3 (JR-408)     | 3.3             | 3.3 | 3.7  | 3.7  | 4.0  | 4.7  | 4.3  | 5.0  | 5.3  | 5.0  | 6.3  | 6.3  | 4.6  |
| LPR 02203               | 3.3             | 3.7 | 4.0  | 4.7  | 5.0  | 4.3  | 4.3  | 4.3  | 5.0  | 4.7  | 5.3  | 6.0  | 4.6  |
| PANTHER                 | 3.7             | 3.7 | 4.0  | 4.3  | 5.0  | 4.3  | 4.7  | 5.3  | 4.7  | 4.3  | 5.0  | 5.7  | 4.6  |
| PM 102                  | 4.0             | 3.7 | 4.3  | 4.3  | 5.3  | 4.7  | 3.7  | 4.0  | 4.7  | 4.7  | 5.0  | 6.3  | 4.6  |
| VB99                    | 4.3             | 3.7 | 4.0  | 4.3  | 4.3  | 5.0  | 4.3  | 4.7  | 4.7  | 4.7  | 5.3  | 6.3  | 4.6  |
| BRIGHTSTAR SLT          | 4.3             | 3.3 | 3.3  | 4.3  | 4.3  | 4.3  | 3.7  | 5.0  | 4.7  | 5.3  | 5.3  | 6.3  | 4.5  |
| PALMER III              | 3.7             | 3.7 | 3.7  | 4.0  | 5.0  | 5.0  | 4.0  | 5.3  | 5.0  | 4.3  | 5.3  | 5.3  | 4.5  |
| PRG HS-01-09            | 4.0             | 3.7 | 3.7  | 3.7  | 4.3  | 4.7  | 5.3  | 4.3  | 4.7  | 4.3  | 5.0  | 6.7  | 4.5  |
| PST-2MNG                | 4.7             | 4.0 | 3.7  | 4.3  | 4.3  | 4.0  | 3.3  | 4.0  | 5.0  | 4.7  | 5.0  | 6.7  | 4.5  |
| SP4                     | 4.0             | 3.3 | 3.7  | 4.0  | 4.0  | 5.0  | 4.0  | 4.7  | 5.7  | 5.0  | 5.0  | 5.3  | 4.5  |
| SRX 4692                | 4.7             | 4.0 | 3.7  | 3.7  | 4.7  | 4.3  | 4.0  | 4.7  | 5.0  | 4.3  | 5.0  | 6.3  | 4.5  |
| 04-BRE                  | 4.3             | 3.7 | 4.3  | 4.0  | 4.3  | 4.3  | 3.3  | 4.3  | 5.0  | 4.3  | 5.3  | 6.0  | 4.4  |
| GOALKEEPER II (JR-114)  | 3.7             | 3.3 | 3.3  | 3.7  | 5.0  | 5.0  | 4.3  | 4.7  | 4.7  | 4.3  | 5.0  | 6.0  | 4.4  |
| PREMIER                 | 4.3             | 4.3 | 3.7  | 4.7  | 4.3  | 4.7  | 4.3  | 4.7  | 4.3  | 4.0  | 4.0  | 5.7  | 4.4  |
| BARLENNIUM              | 4.0             | 4.0 | 3.3  | 4.0  | 4.3  | 4.3  | 3.3  | 4.3  | 5.0  | 4.7  | 4.7  | 6.0  | 4.3  |
| CADDIESHACK II (JR-163) | 4.0             | 4.0 | 3.3  | 3.7  | 4.0  | 4.3  | 3.7  | 4.7  | 5.0  | 4.7  | 4.3  | 5.3  | 4.3  |
| PENTIUM                 | 4.3             | 4.0 | 3.7  | 4.7  | 4.3  | 4.0  | 3.3  | 4.0  | 4.7  | 4.3  | 4.7  | 6.0  | 4.3  |
| SRX 4682                | 4.3             | 3.7 | 3.3  | 4.0  | 4.3  | 4.0  | 3.0  | 4.3  | 4.7  | 4.7  | 5.0  | 5.7  | 4.3  |
| PINNACLE                | 4.0             | 3.3 | 3.0  | 4.0  | 3.7  | 4.3  | 3.7  | 4.7  | 4.7  | 4.3  | 4.0  | 5.7  | 4.1  |
| LINN                    | 4.3             | 3.0 | 3.0  | 3.0  | 3.3  | 3.0  | 3.0  | 4.0  | 4.0  | 3.0  | 4.3  | 4.0  | 3.5  |
| LSD VALUE               | 1.1             | 1.0 | 1.2  | 1.2  | 2.2  | 1.6  | 1.2  | 1.7  | 2.3  | 1.9  | 1.8  | 1.5  | 0.6  |
| C.V. (%)                | 1               | 3.2 | 12.3 | 13.9 | 13.2 | 15.5 | 14.9 | 14.4 | 13.9 | 15.9 | 15.2 | 11.6 | 7.1  |

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 30.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 2004 NATIONAL PERENNIAL RYEGRASS TEST AT MADISON, WI 1/  
 2005 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                               | GENETIC<br>COLOR | PERCENT<br>WINTER<br>KILL | PERCENT<br>ESTABLISH-<br>MENT | QUALITY RATINGS |     |     |     |     |     | MEAN |
|------------------------------------|------------------|---------------------------|-------------------------------|-----------------|-----|-----|-----|-----|-----|------|
|                                    |                  |                           |                               | MAY             | JUN | JUL | AUG | SEP | OCT |      |
| PRIMARY (IS-PR 269)                | 5.0              | 21.3                      | 76.7                          | 6.3             | 7.3 | 6.7 | 6.7 | 6.7 | 7.7 | 6.9  |
| PST-2MNG                           | 5.0              | 21.7                      | 73.3                          | 5.7             | 7.0 | 6.7 | 7.3 | 6.7 | 8.3 | 6.9  |
| LCK                                | 6.0              | 11.7                      | 73.3                          | 6.0             | 6.0 | 6.3 | 7.3 | 6.7 | 8.3 | 6.8  |
| PST-2GSM                           | 6.0              | 14.0                      | 83.3                          | 6.0             | 6.3 | 6.3 | 7.0 | 6.7 | 8.7 | 6.8  |
| FIESTA 4 (PICK F4)                 | 6.7              | 12.0                      | 76.7                          | 6.0             | 7.0 | 7.0 | 6.3 | 6.3 | 7.7 | 6.7  |
| PM 103                             | 6.7              | 15.7                      | 78.3                          | 6.0             | 6.7 | 6.3 | 7.0 | 6.3 | 8.0 | 6.7  |
| MANHATTAN 5 GLR (PST-2AM)          | 5.0              | 7.7                       | 80.0                          | 6.0             | 6.7 | 6.7 | 7.0 | 6.3 | 7.7 | 6.7  |
| AC2                                | 6.0              | 13.3                      | 80.0                          | 5.7             | 6.7 | 6.7 | 6.7 | 6.0 | 7.7 | 6.6  |
| DP 17-9499                         | 6.7              | 17.7                      | 76.7                          | 5.3             | 7.0 | 5.7 | 6.7 | 6.7 | 8.0 | 6.6  |
| ASP6005 (AJM)                      | 7.7              | 8.0                       | 70.0                          | 5.3             | 7.7 | 6.3 | 6.3 | 6.0 | 7.3 | 6.5  |
| HARRIER (SRX 4UP3)                 | 5.7              | 10.0                      | 80.0                          | 5.7             | 5.7 | 6.3 | 6.7 | 6.7 | 8.0 | 6.5  |
| BAR LP 4317                        | 5.3              | 19.0                      | 83.3                          | 5.7             | 6.3 | 6.7 | 6.7 | 6.3 | 7.0 | 6.4  |
| SR 4600 (SRX 4SP)                  | 5.0              | 21.0                      | 80.0                          | 5.7             | 6.0 | 6.3 | 6.3 | 6.0 | 8.0 | 6.4  |
| GL-2                               | 5.7              | 18.0                      | 83.3                          | 6.3             | 6.0 | 5.7 | 6.3 | 6.0 | 7.7 | 6.3  |
| CADDIESHACK II (JR-163)            | 6.0              | 26.7                      | 73.3                          | 5.3             | 6.3 | 6.3 | 6.3 | 5.7 | 7.7 | 6.3  |
| PALMER IV                          | 6.3              | 22.7                      | 71.7                          | 6.0             | 7.0 | 6.0 | 6.3 | 5.7 | 7.0 | 6.3  |
| PST-2LAN                           | 4.7              | 13.3                      | 73.3                          | 4.7             | 5.3 | 5.7 | 7.0 | 6.3 | 8.7 | 6.3  |
| SECRETARIAT II GLSR (LTP-101-GLSR) | 5.0              | 18.3                      | 73.3                          | 5.0             | 6.3 | 6.3 | 6.7 | 5.7 | 8.0 | 6.3  |
| \$ILVER DOLLAR                     | 6.0              | 20.0                      | 88.3                          | 5.0             | 6.7 | 6.7 | 6.3 | 6.0 | 6.7 | 6.2  |
| LINE DRIVE GLS (APR 1797)          | 5.3              | 16.7                      | 76.7                          | 5.3             | 5.7 | 6.3 | 6.0 | 5.7 | 7.7 | 6.1  |
| PANTHER GLS                        | 6.0              | 21.7                      | 70.0                          | 5.0             | 6.0 | 5.3 | 6.3 | 5.7 | 8.0 | 6.1  |
| PARAGON GLR                        | 6.7              | 28.3                      | 80.0                          | 4.3             | 6.7 | 6.3 | 5.7 | 5.7 | 7.7 | 6.1  |
| PS-2                               | 6.0              | 23.3                      | 78.3                          | 5.0             | 6.3 | 6.0 | 5.7 | 5.7 | 8.0 | 6.1  |
| QUICKSILVER                        | 6.0              | 26.7                      | 71.7                          | 5.0             | 7.0 | 6.0 | 5.3 | 6.0 | 7.0 | 6.1  |
| APR 1648                           | 6.0              | 26.7                      | 81.7                          | 4.7             | 6.0 | 5.3 | 6.0 | 6.0 | 8.0 | 6.0  |
| D04-LP05                           | 5.7              | 23.3                      | 71.7                          | 4.7             | 6.0 | 6.0 | 6.3 | 5.7 | 7.3 | 6.0  |
| APR 1670                           | 5.0              | 32.0                      | 78.3                          | 5.0             | 5.3 | 5.3 | 6.3 | 6.0 | 7.3 | 5.9  |
| CHARISMATIC II GLSR (LTP-PG-GLSR)  | 5.7              | 23.3                      | 71.7                          | 5.7             | 5.3 | 6.3 | 5.7 | 5.7 | 7.0 | 5.9  |
| GRAY STAR (PST-2LGL)               | 5.7              | 28.3                      | 76.7                          | 5.0             | 5.3 | 6.3 | 6.0 | 5.0 | 7.7 | 5.9  |
| IS-PR 236                          | 6.3              | 30.3                      | 76.7                          | 5.0             | 6.3 | 5.7 | 6.0 | 5.7 | 6.7 | 5.9  |
| ALL*STAR 3 (IS-PR 274)             | 6.3              | 25.0                      | 71.7                          | 4.0             | 6.3 | 5.0 | 6.3 | 6.3 | 7.3 | 5.9  |
| REVENGE GLX (JR-348)               | 6.7              | 21.0                      | 71.7                          | 4.7             | 6.7 | 5.3 | 6.3 | 6.0 | 6.7 | 5.9  |
| PST-2AG4                           | 5.7              | 30.0                      | 66.7                          | 4.7             | 5.3 | 5.7 | 6.3 | 6.0 | 7.7 | 5.9  |
| PST-2BLK                           | 6.3              | 18.3                      | 71.7                          | 4.7             | 6.0 | 5.3 | 6.3 | 5.3 | 7.7 | 5.9  |
| AF                                 | 6.3              | 13.7                      | 68.3                          | 4.7             | 6.7 | 5.7 | 5.7 | 5.0 | 7.3 | 5.8  |
| REGAL 5 (IS-PR 271)                | 7.7              | 25.0                      | 76.7                          | 4.3             | 6.7 | 5.3 | 6.0 | 5.7 | 7.0 | 5.8  |
| ACCENT II (JR-119)                 | 5.7              | 20.0                      | 75.0                          | 4.3             | 6.7 | 5.7 | 6.0 | 4.7 | 7.3 | 5.8  |
| LA QUINTA (JR-255)                 | 7.0              | 21.7                      | 66.7                          | 5.3             | 6.0 | 5.3 | 5.7 | 5.0 | 7.7 | 5.8  |
| OVERDRIVE                          | 6.0              | 16.7                      | 66.7                          | 5.7             | 6.0 | 6.0 | 5.7 | 4.7 | 6.7 | 5.8  |
| PREMIER II                         | 5.3              | 20.0                      | 75.0                          | 5.7             | 5.3 | 5.0 | 6.3 | 5.0 | 7.3 | 5.8  |
| RAD-PR8                            | 5.0              | 30.0                      | 75.0                          | 4.3             | 5.3 | 6.3 | 6.3 | 6.0 | 6.3 | 5.8  |
| ARR 1664                           | 5.7              | 25.0                      | 61.7                          | 5.3             | 5.3 | 5.7 | 5.3 | 5.7 | 7.0 | 5.7  |
| D04-11T                            | 5.7              | 26.7                      | 78.3                          | 4.3             | 5.3 | 5.3 | 5.7 | 5.7 | 7.7 | 5.7  |
| DP1                                | 7.0              | 41.7                      | 85.0                          | 4.7             | 5.3 | 5.0 | 6.3 | 6.0 | 7.0 | 5.7  |
| E-99                               | 5.3              | 14.3                      | 75.0                          | 4.7             | 4.7 | 6.0 | 6.0 | 5.3 | 7.7 | 5.7  |
| GPR                                | 6.3              | 21.7                      | 68.3                          | 3.7             | 6.3 | 5.3 | 6.0 | 5.3 | 7.3 | 5.7  |
| INSPIRE                            | 5.0              | 29.0                      | 78.3                          | 5.0             | 6.0 | 5.0 | 6.0 | 5.3 | 7.0 | 5.7  |

TABLE 30. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
 (CONT'D) 2004 NATIONAL PERENNIAL RYEGRASS TEST AT MADISON, WI 1/  
 2005 DATA  
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                    | GENETIC<br>COLOR | PERCENT<br>WINTER<br>KILL | PERCENT<br>ESTABLISH-<br>MENT | QUALITY RATINGS |     |     |     |     |     |     | MEAN |
|-------------------------|------------------|---------------------------|-------------------------------|-----------------|-----|-----|-----|-----|-----|-----|------|
|                         |                  |                           |                               | MAY             | JUN | JUL | AUG | SEP | OCT |     |      |
| MACH I                  | 6.3              | 30.0                      | 78.3                          | 4.3             | 5.3 | 5.3 | 5.7 | 6.0 | 7.3 | 5.7 |      |
| PM 101                  | 6.7              | 17.7                      | 63.3                          | 4.3             | 5.7 | 6.0 | 5.7 | 5.7 | 7.0 | 5.7 |      |
| VB77                    | 6.7              | 20.0                      | 76.7                          | 4.7             | 6.0 | 5.3 | 5.7 | 5.3 | 7.3 | 5.7 |      |
| BARLENNIUM              | 4.7              | 41.7                      | 83.3                          | 5.3             | 5.3 | 5.7 | 5.7 | 5.0 | 6.7 | 5.6 |      |
| GALATTI (DP 17-9502)    | 6.3              | 36.7                      | 71.7                          | 4.0             | 6.0 | 5.7 | 5.3 | 5.7 | 7.0 | 5.6 |      |
| DP 17-9788              | 5.0              | 28.3                      | 80.0                          | 4.3             | 5.7 | 5.3 | 5.7 | 5.0 | 7.3 | 5.6 |      |
| ES45                    | 6.7              | 10.7                      | 71.7                          | 4.3             | 5.7 | 5.0 | 5.7 | 5.7 | 7.0 | 5.6 |      |
| REPELL GLS              | 5.7              | 26.7                      | 71.7                          | 4.0             | 5.3 | 5.3 | 6.3 | 5.7 | 6.7 | 5.6 |      |
| CITATION FORE           | 5.0              | 32.3                      | 81.7                          | 5.0             | 6.0 | 5.0 | 5.0 | 5.0 | 7.0 | 5.5 |      |
| D04-1667                | 5.7              | 27.7                      | 71.7                          | 5.0             | 5.7 | 5.3 | 5.3 | 5.3 | 6.3 | 5.5 |      |
| PENTIUM                 | 5.7              | 25.0                      | 83.3                          | 4.3             | 4.7 | 6.0 | 6.0 | 5.0 | 7.0 | 5.5 |      |
| AAZ-B104                | 6.3              | 28.3                      | 75.0                          | 4.3             | 6.0 | 5.0 | 5.0 | 4.7 | 7.7 | 5.4 |      |
| APR 1663                | 6.3              | 25.0                      | 71.7                          | 3.7             | 5.0 | 5.0 | 6.0 | 5.3 | 7.7 | 5.4 |      |
| BRIGHTSTAR SLT          | 5.0              | 28.3                      | 75.0                          | 4.3             | 5.0 | 5.3 | 5.7 | 5.0 | 7.3 | 5.4 |      |
| KOKOMO II (IS-PR 235)   | 6.0              | 21.7                      | 76.7                          | 3.7             | 5.3 | 5.3 | 5.3 | 5.3 | 7.3 | 5.4 |      |
| TOP GUN II (JR-324)     | 6.0              | 17.0                      | 70.0                          | 4.3             | 6.0 | 5.7 | 5.0 | 5.3 | 6.0 | 5.4 |      |
| DELAWARE XL (PICK 01-2) | 6.0              | 28.3                      | 71.7                          | 4.0             | 5.0 | 5.0 | 6.0 | 5.3 | 7.3 | 5.4 |      |
| ASP6003 (TRS)           | 7.3              | 33.3                      | 71.7                          | 4.0             | 5.0 | 5.0 | 5.7 | 5.7 | 7.3 | 5.4 |      |
| ASP6002 (BPR)           | 7.7              | 40.0                      | 68.3                          | 4.0             | 5.0 | 4.7 | 5.0 | 5.3 | 7.7 | 5.3 |      |
| ATTRIBUTE (IS-PR 270)   | 6.3              | 26.7                      | 70.0                          | 4.0             | 5.0 | 5.3 | 5.3 | 5.7 | 6.7 | 5.3 |      |
| PALACE (IS-PR 273)      | 6.7              | 38.3                      | 75.0                          | 3.3             | 4.7 | 5.3 | 5.7 | 5.7 | 7.3 | 5.3 |      |
| KEYSTONE 2 (IS-PR 312)  | 5.3              | 28.3                      | 78.3                          | 4.7             | 4.7 | 5.3 | 5.3 | 5.3 | 6.3 | 5.3 |      |
| PICK 02-R               | 7.7              | 30.0                      | 73.3                          | 3.7             | 5.0 | 5.0 | 5.3 | 5.7 | 7.0 | 5.3 |      |
| PROTEGE GLR             | 6.3              | 28.3                      | 78.3                          | 4.0             | 6.0 | 4.7 | 5.0 | 5.0 | 7.3 | 5.3 |      |
| RNS                     | 6.3              | 26.7                      | 83.3                          | 3.7             | 5.3 | 5.0 | 5.7 | 5.7 | 6.7 | 5.3 |      |
| SUNSHINE 2              | 6.3              | 28.3                      | 73.3                          | 4.0             | 5.0 | 5.0 | 5.0 | 5.3 | 7.3 | 5.3 |      |
| 04-BEN                  | 6.3              | 35.0                      | 61.7                          | 3.0             | 4.7 | 4.7 | 5.3 | 5.7 | 7.7 | 5.2 |      |
| PHENOM (APR 1660)       | 6.0              | 38.3                      | 70.0                          | 4.0             | 5.0 | 5.0 | 5.0 | 4.7 | 7.7 | 5.2 |      |
| PRESIDIO (CNV)          | 6.0              | 29.0                      | 65.0                          | 4.0             | 6.0 | 4.7 | 5.0 | 5.0 | 6.7 | 5.2 |      |
| AMAZING GS (IS-PR 276)  | 6.3              | 31.7                      | 71.7                          | 4.0             | 6.0 | 5.3 | 4.7 | 4.7 | 6.3 | 5.2 |      |
| GOALKEEPER II (JR-114)  | 6.7              | 45.7                      | 83.3                          | 4.3             | 5.0 | 5.3 | 4.7 | 5.3 | 6.3 | 5.2 |      |
| MONTEREY 3 (JR-408)     | 5.7              | 38.3                      | 68.3                          | 4.0             | 5.3 | 5.7 | 6.0 | 4.0 | 6.3 | 5.2 |      |
| SRX 4682                | 4.7              | 28.3                      | 68.3                          | 4.0             | 5.7 | 5.0 | 5.3 | 4.7 | 6.7 | 5.2 |      |
| TR47                    | 7.3              | 25.0                      | 68.3                          | 4.0             | 5.0 | 5.0 | 5.3 | 5.0 | 7.0 | 5.2 |      |
| AFFINITY                | 3.0              | 25.0                      | 76.7                          | 3.7             | 4.7 | 5.7 | 6.3 | 4.3 | 5.7 | 5.1 |      |
| BAR LP 4420             | 5.7              | 35.0                      | 73.3                          | 4.0             | 4.7 | 5.0 | 5.0 | 5.3 | 6.3 | 5.1 |      |
| MMW                     | 6.3              | 34.3                      | 68.3                          | 4.7             | 5.0 | 5.7 | 4.7 | 4.7 | 5.7 | 5.1 |      |
| PALMER III              | 5.3              | 33.7                      | 70.0                          | 4.3             | 5.0 | 5.0 | 5.0 | 4.7 | 6.3 | 5.1 |      |
| PICK RB-1               | 6.3              | 40.0                      | 81.7                          | 5.0             | 5.3 | 5.0 | 5.0 | 4.3 | 6.0 | 5.1 |      |
| PINNACLE II             | 6.7              | 40.0                      | 73.3                          | 4.0             | 5.0 | 4.3 | 5.0 | 5.3 | 6.7 | 5.1 |      |
| PIZZAZZ                 | 6.3              | 33.3                      | 83.3                          | 3.7             | 5.7 | 4.7 | 5.0 | 5.0 | 6.7 | 5.1 |      |
| PM 102                  | 7.3              | 45.0                      | 70.0                          | 3.0             | 5.7 | 4.7 | 5.3 | 5.7 | 6.3 | 5.1 |      |
| PRG HS-01-09            | 6.7              | 21.7                      | 73.3                          | 4.0             | 6.0 | 4.7 | 5.3 | 5.0 | 5.7 | 5.1 |      |
| ASP6001 (RTS)           | 7.3              | 33.3                      | 65.0                          | 3.7             | 5.0 | 5.3 | 5.0 | 5.0 | 6.3 | 5.1 |      |
| SRX 4692                | 6.0              | 28.3                      | 60.0                          | 3.3             | 4.7 | 5.3 | 5.7 | 5.0 | 6.7 | 5.1 |      |
| VB99                    | 7.0              | 28.3                      | 65.0                          | 4.0             | 5.0 | 4.7 | 5.0 | 5.0 | 6.7 | 5.1 |      |
| BAR LP 4920             | 5.7              | 45.0                      | 76.7                          | 3.3             | 4.7 | 4.7 | 5.3 | 4.7 | 7.0 | 4.9 |      |

TABLE 30.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF PERENNIAL RYEGRASS CULTIVARS IN THE  
2004 NATIONAL PERENNIAL RYEGRASS TEST AT MADISON, WI 1/  
2005 DATA  
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME                          | GENETIC<br>COLOR | PERCENT<br>WINTER<br>KILL | PERCENT<br>ESTABLISH-<br>MENT | QUALITY RATINGS |      |      |      |      |      |      | MEAN |
|-------------------------------|------------------|---------------------------|-------------------------------|-----------------|------|------|------|------|------|------|------|
|                               |                  |                           |                               | MAY             | JUN  | JUL  | AUG  | SEP  | OCT  |      |      |
| BUENA VISTA                   | 5.7              | 38.3                      | 70.0                          | 3.3             | 5.0  | 4.7  | 4.7  | 5.3  | 6.7  | 4.9  |      |
| ASP6004 (EXS54)               | 7.3              | 48.3                      | 73.3                          | 4.0             | 4.7  | 5.0  | 5.0  | 5.0  | 6.0  | 4.9  |      |
| DERBY XTREME (IS-PR 268)      | 6.7              | 36.7                      | 66.7                          | 3.7             | 5.3  | 4.7  | 4.7  | 5.0  | 6.3  | 4.9  |      |
| L44                           | 7.7              | 43.3                      | 73.3                          | 4.0             | 5.0  | 4.7  | 4.7  | 4.7  | 6.3  | 4.9  |      |
| D04-UP                        | 6.0              | 40.0                      | 68.3                          | 3.7             | 4.3  | 4.7  | 4.7  | 4.7  | 6.7  | 4.8  |      |
| FUSION                        | 7.0              | 36.7                      | 60.0                          | 3.0             | 5.0  | 4.7  | 5.0  | 4.3  | 6.7  | 4.8  |      |
| LPR 02203                     | 3.3              | 35.0                      | 76.7                          | 3.7             | 4.7  | 5.0  | 5.0  | 4.3  | 6.3  | 4.8  |      |
| MS2                           | 6.7              | 40.0                      | 80.0                          | 4.0             | 4.3  | 4.3  | 4.7  | 5.0  | 6.3  | 4.8  |      |
| PANTHER                       | 4.3              | 38.3                      | 85.0                          | 3.7             | 4.3  | 4.7  | 5.7  | 4.3  | 6.3  | 4.8  |      |
| DCM                           | 6.3              | 38.3                      | 68.3                          | 3.3             | 4.0  | 4.7  | 5.0  | 5.0  | 6.3  | 4.7  |      |
| PREMIER                       | 3.3              | 38.3                      | 80.0                          | 3.7             | 4.3  | 4.3  | 5.3  | 4.0  | 6.3  | 4.7  |      |
| EXACTA II GLSR (LTP-611-GLSR) | 6.3              | 53.3                      | 85.0                          | 3.0             | 4.7  | 4.7  | 4.7  | 4.3  | 6.0  | 4.6  |      |
| PST-217                       | 6.3              | 36.7                      | 68.3                          | 3.3             | 4.7  | 4.7  | 4.3  | 4.7  | 6.0  | 4.6  |      |
| CABO II (IS-PR 233)           | 9.0              | 55.0                      | 71.7                          | 4.0             | 4.0  | 4.7  | 4.0  | 4.7  | 5.3  | 4.4  |      |
| HEADSTART 2                   | 5.7              | 45.0                      | 70.0                          | 3.3             | 3.7  | 4.0  | 4.7  | 4.0  | 5.3  | 4.2  |      |
| PINNACLE                      | 3.3              | 45.0                      | 70.0                          | 3.0             | 4.0  | 4.3  | 4.7  | 4.0  | 4.7  | 4.1  |      |
| SNR                           | 8.0              | 61.7                      | 71.7                          | 3.0             | 4.3  | 3.7  | 4.0  | 4.3  | 5.3  | 4.1  |      |
| HALO (KN42)                   | 8.3              | 63.3                      | 63.3                          | 2.7             | 5.0  | 3.7  | 4.0  | 4.0  | 4.7  | 4.0  |      |
| 04-BRE                        | 7.0              | 65.0                      | 68.3                          | 2.3             | 3.3  | 4.0  | 3.3  | 4.3  | 6.0  | 3.9  |      |
| ASP6006 (LPFG)                | 7.7              | 70.7                      | 68.3                          | 2.7             | 3.7  | 3.3  | 3.7  | 4.0  | 5.3  | 3.8  |      |
| RG3P                          | 6.7              | 68.0                      | 73.3                          | 2.3             | 4.0  | 3.7  | 4.0  | 4.0  | 4.7  | 3.8  |      |
| PIANIST (DP 17-9505)          | 7.0              | 55.0                      | 70.0                          | 2.7             | 4.0  | 3.7  | 3.3  | 3.3  | 5.0  | 3.7  |      |
| PWDR                          | 8.3              | 70.7                      | 78.3                          | 2.7             | 3.3  | 3.3  | 3.0  | 3.7  | 5.3  | 3.6  |      |
| SP4                           | 8.3              | 76.7                      | 81.7                          | 2.3             | 2.7  | 3.7  | 3.0  | 3.3  | 5.0  | 3.3  |      |
| LINN                          | 2.7              | 70.7                      | 76.7                          | 2.0             | 3.3  | 3.0  | 2.7  | 3.0  | 3.3  | 2.9  |      |
| LSD VALUE                     | 1.2              | 72.3                      | 14.5                          | 6.5             | 6.7  | 7.0  | 7.1  | 4.9  | 4.5  | 5.7  |      |
| C.V. (%)                      | 13.0             | 70.8                      | 9.7                           | 36.9            | 29.1 | 27.3 | 28.6 | 24.0 | 20.5 | 24.5 |      |

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.  
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.