

NATIONAL TURFGRASS EVALUATION PROGRAM

The National Turfgrass Evaluation Program (NTEP) is designed to develop and coordinate uniform evaluation trials of turfgrass varieties and promising selections in the United States and Canada. Test results can be used by national companies and plant breeders to determine the broad picture of the adaptation of a cultivar. Results can also be used to determine if a cultivar is well adapted to a local area or level of turf maintenance.

Briefly, the NTEP is a self-supporting, non-profit program, sponsored by the Beltsville Agricultural Research Center and the National Turfgrass Federation, Inc. Program policy is made by a policy committee consisting of one member from each of the four (4) Regional Turfgrass Research Committees in the United States, one member from the Lawn Seed Division of the American Seed Trade Association, one member from the American Sod Producers Association, one member from the United States Golf Association (USGA) Green Section, one member from the Turfgrass Breeders Association, an executive director and a national program coordinator. The program does not make variety recommendations. However, the data from tests can be used by extension specialists and others for making recommendations.

The policy committee is responsible for determining program policy including, (1) requirements for submission of entries, (2) scheduling tests, (3) evaluation methods, (4) selecting standard or control test entries, (5) setting entry fees, (6) coordinating tests in their respective regions, (7) establishing guidelines for publication and data distribution and (8) scheduling committee meetings.

Executive Director - Dr. Robert Shearman, University of Nebraska

National Program Coordinator - Kevin N. Morris, National Turfgrass Federation, Inc.

CURRENT POLICY COMMITTEE MEMBERS:

Dr. A. Douglas Brede, Jacklin Seed Company
Dr. David Chalmers, Virginia Tech University
Dr. Thomas Fermanian, University of Illinois
Ms. Crystal Rose-Fricker, Pure-Seed Testing, Inc.
Mr. Al Gardner, A-G Turf Farms, Inc.
Dr. Michael Kenna, USGA Green Section
Dr. Anthony Koski, Colorado State University
Dr. Bridget Ruummele, University of Rhode Island

FOR ADDITIONAL REPORTS OR INFORMATION CONTACT:

Kevin Morris, National Program Coordinator
National Turfgrass Evaluation Program
Beltsville Agricultural Research Center-West
Building 002, Room 013
Beltsville, Maryland 20705
Phone (301) 504-5125
Fax (301) 504-5167
Internet kmorris@asrr.arsusda.gov

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(Medium-High Maintenance)

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LOCATIONS SUBMITTING DATA FOR 1991-95

| <u>State</u> | <u>Location</u> | <u>Code</u> |
|--------------|---|-------------|
| Colorado | Fort Collins | CO1 |
| Idaho | Post Falls | ID2 |
| Illinois | Urbana | IL1 |
| Illinois | Carbondale | IL2 |
| Iowa | Ames | IA1 |
| Kentucky | Lexington | KY1 |
| Maryland | Beltsville | UB1 |
| Maryland | Silver Spring | MD1 |
| Michigan | East Lansing | MI1 |
| Nebraska | Lincoln | NE1 |
| New Jersey | North Brunswick | NJ1 |
| New Jersey | Adelphia | NJ2 |
| New Jersey | Martinsville | NJ3 |
| Ohio | Marysville | OH2 |
| Ontario | Richmond Hill | ON1 |
| Oregon | Hubbard (30-40% shade) | OR2 |
| Oregon | Summary of data collected at Halsey, Hubbard and Gervais | OR9 |
| Rhode Island | Kingston | RI1 |
| Virginia | Blacksburg | VA1 |
| Virginia | Haymarket | VA2 |
| Washington | Pullman | WA1 |

1990 NATIONAL KENTUCKY BLUEGRASS TEST
(Medium-High Maintenance)

Entries and Sponsors

| Entry No. | Name | Sponsor | Entry No. | Name | Sponsor | Entry No. | Name | Sponsor |
|-----------|------------------------|-----------------------------|-----------|-------------------------|---------------------------|-----------|--------------------|--------------------------------|
| 1 | A-34 | Ranier Seeds, Inc. | 46 | Ampellia | Cebeco Handelsraad | 91 | Julia | LESCO/Jacklin Seed Co. |
| 2 | Able I | Ranier Seeds, Inc. | 47 | Fortuna | Cebeco Handelsraad | 92 | J13-152 | Jacklin Seed Company |
| 3 | Estate | Roberts Seed Co. | 48 | Noblesse | International Seeds, Inc. | 93 | J34-99 | Jacklin Seed Company |
| 4 | Marquis | Roberts Seed Co. | 49 | Miracle | Cebeco Handelsraad | 94 | Glade | Jacklin Seed Company |
| 5 | Classic | Peterson Seed Company | 50 | EVB 13.863 | International Seeds, Inc. | 95 | Suffolk | Jacklin/Loft's Seed, Inc. |
| 6 | Monopoly | Peterson Seed Company | 51 | Silvia | Cebeco Handelsraad | 96 | Freedom | Jacklin Seed Company |
| 7 | Broadway | Limagrain Genetics | 52 | HV 125 | Advanta Seeds West, Inc. | 97 | Destiny | Jonathan Green & Son |
| 8 | Merit | Full Circle | 53 | Cynthia | Advanta Seeds West, Inc. | 98 | J-333 | Jacklin Seed Company |
| 9 | Shamrock (H86-712) | LESCO, Inc. | 54 | EVB 13.703 | International Seeds, Inc. | 99 | Eclipse | Jacklin Seed Company |
| 10 | Barblue | Barenbrug Holland | 55 | Washington | Cascade Inter./Jon. Green | 100 | Limousine | Jacklin Seed Company |
| 11 | Baron | Barenbrug Holland | 56 | BAR VB 1169 | Barenbrug Holland | 101 | Merion | - |
| 12 | Barzan | Barenbrug Holland | 57 | Barcelona (BAR VB 1184) | Barenbrug Holland | 102 | NuStar | Jacklin Seed Company |
| 13 | Barsweet | Barenbrug Holland | 58 | Barmax (BAR VB 7037) | Barenbrug Holland | 103 | Caliber (J-335) | Peterson Seed Company |
| 14 | Bartitia | Barenbrug Holland | 59 | Ram-1 | Jacklin/Loft's Seed, Inc. | 104 | J-386 | Jacklin Seed Company |
| 15 | BAR VB 852 | Barenbrug Holland | 60 | Eagleton | Loft's Seed, Inc. | 105 | NuBlue (J-229) | Medalist America |
| 16 | Baronie (BAR VB 985) | Barenbrug Holland | 61 | Georgetown | Loft's Seed, Inc. | 106 | Liberty | Zajac Performance Seeds |
| 17 | Crest | Pickseed West | 62 | Preakness (602) | Loft's Seed, Inc. | 107 | J11-94 | Jacklin Seed Company |
| 18 | Indigo | Pickseed West | 63 | 1757 | Loft's Seed, Inc. | 108 | Aspen | Medalist America |
| 19 | Touchdown | Pickseed West | 64 | Princeton 104 | Loft's Seed, Inc. | 109 | Kelly | Medalist America |
| 20 | Banff | Pickseed West | 65 | Belmont (798) | Loft's Seed, Inc. | 110 | Trenton | Medalist America |
| 21 | Alpine | Pickseed West | 66 | PST-A84-405 | Pure-Seed Testing, Inc. | 111 | Dawn | LESCO, Inc. |
| 22 | Allure (Ba 73-540) | Davenport Seed Company | 67 | 4 Aces (PST-RE-88) | Turf-Seed, Inc. | 112 | Haga | E. F. Burlingham & Son |
| 23 | Conni | Danish Plant Breeding | 68 | PST-A7-1877 | Pure-Seed Testing, Inc. | 113 | Opal | E. F. Burlingham & Son |
| 24 | Platini | Danish Plant Breeding | 69 | Rita (PST-UD-10) | Pure-Seed Testing, Inc. | 114 | SR 2000 | Seed Research of Oregon |
| 25 | Donna | Advanta Seeds West, Inc. | 70 | PST-A7-341 | Pure-Seed Testing, Inc. | 115 | SR 2100 | Seed Research of Oregon |
| 26 | Miranda | Advanta Seeds West, Inc. | 71 | Livingston | Turf-Seed, Inc. | 116 | Minstrel | Advanta Seeds West, Inc. |
| 27 | Ba 70-131 | O. M. Scott & Son | 72 | PST-HV-116 | Pure-Seed Testing, Inc. | 117 | Gnome | Turf Merchants |
| 28 | Cannon (Ba 73-381) | Advanta Seeds West, Inc. | 73 | BlueStar (PST-B8-13) | Pure-Seed Testing, Inc. | 118 | Chelsea | Turf Merchants |
| 29 | Ba 73-382 | O. M. Scott & Son | 74 | PST-A84-803 | Pure-Seed Testing, Inc. | 119 | Cobalt | Turf Merchants |
| 30 | Ba 76-305 | O. M. Scott & Son | 75 | PST-1DW | Pure-Seed Testing, Inc. | 120 | KWS Pp 13-2 | Turf Merchants |
| 31 | Ba 77-292 | O. M. Scott & Son | 76 | PST-R-740 | Turf-Seed, Inc. | 121 | Ginger | Idaho Res. Found./Dye Seed |
| 32 | Buckingham (Ba 74-114) | O. M. Scott & Son | 77 | PST-C-224 | Pure-Seed Testing, Inc. | 122 | Greenley | Idaho Res. Found./Dye Seed Co. |
| 33 | Ascot (Ba 77-279) | O. M. Scott & Son | 78 | R751A | Warren's Turf Nursery | 123 | Ronde | Idaho Res. Found./Dye Seed Co. |
| 34 | Raven (Ba 78-258) | Olsen-Fennell Seed Co. | 79 | PST-0514 | Pure-Seed Testing, Inc. | 124 | Kenblue | - |
| 35 | WW Ag 505 | Jacklin Seed Company | 80 | Challenger | Turf-Seed, Inc. | 125 | South Dakota Cert. | - |
| 36 | EVA (WW Ag 508) | Olsen-Fennell Seed Co. | 81 | Midnight | Turf-Seed, Inc. | | | |
| 37 | Melba | Prodana Seeds | 82 | PST-A84-928 | Pure-Seed Testing, Inc. | | | |
| 38 | Trampas | Prodana Seeds | 83 | Unique (PST-C-76) | Turf-Seed, Inc. | | | |
| 39 | Abbey | O. M. Scott & Son | 84 | PST-UD-12 | Pure-Seed Testing, Inc. | | | |
| 40 | Coventry | O. M. Scott & Son | 85 | Blacksburg | Turf-Seed, Inc. | | | |
| 41 | Fairfax (Ba 69-82) | O. M. Scott & Son | 86 | Opti-Green (PST-B8-106) | Pure-Seed Testing, Inc. | | | |
| 42 | Viva (Ba 73-366) | O. M. Scott & Advanta Seeds | 87 | Nassau | Loft's Seed/Jacklin Seed | | | |
| 43 | Nottingham (Ba 77-700) | O. M. Scott & Son | 88 | Apex (Summit) | Medalist America | | | |
| 44 | NE 80-47 | Smith Seed Services | 89 | Pennpro (PR-1) | LESCO, Inc. | | | |
| 45 | Cardiff | International Seeds, Inc. | 90 | PSU-151 | Penn. State-Joe Duich | | | |

TABLE A.

1991-1995 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN
THE 1990 NATIONAL KENTUCKY BLUEGRASS TEST (HIGH MAINTENANCE)

| LOCATION | SOIL TEXTURE | SOIL PH | SOIL PHOSPHOROUS (LBS/ACRE) | SOIL POTASSIUM (LBS/ACRE) | NITROGEN (LBS/1000 SQ FT) | SUN OR SHADE | MOWING HEIGHT (IN) | IRRIGATION PRACTICED |
|----------|---------------------|------------|-----------------------------------|---------------------------------|------------------------------|--------------------|--------------------------|---------------------------|
| CO1 | SANDY CLAY LOAM | 7.6-8.5 | 0-60 | 501+ | 3.1-4.0 | FULL SUN | 2.1-2.5 | TO PREVENT STRESS |
| IA1 | SANDY CLAY LOAM | 7.1-7.5 | 0-60 | 241-375 | 3.1-4.0 | FULL SUN | 2.1-2.5 | TO PREVENT STRESS |
| ID2 | SILT LOAM AND SILT | 6.1-6.5 | 0-60 | 501+ | 3.1-4.0 | FULL SUN | 1.1-1.5 | TO PREVENT DORMANCY |
| IL1 | SILT LOAM AND SILT | 6.1-6.5 | 0-60 | 376-500 | 2.1-3.0 | FULL SUN | 1.6-2.0 | TO PREVENT STRESS |
| IL2 | SILTY CLAY LOAM | 6.1-6.5 | 151-270 | 151-240 | 4.1-5.0 | FULL SUN | 1.1-1.5 | TO PREVENT STRESS |
| KY1 | SILT LOAM AND SILT | 6.1-6.5 | 151-270 | 241-375 | 2.1-3.0 | FULL SUN | 1.6-2.0 | ONLY DURING SEVERE STRESS |
| MD1 | SAND | 6.1-6.5 | 151-270 | 0-150 | 3.1-4.0 | FULL SUN | 1.6-2.0 | TO PREVENT STRESS |
| MI1 | SANDY LOAM | 7.1-7.5 | - | - | 2.1-3.0 | FULL SUN | 2.1-2.5 | TO PREVENT STRESS |
| NE1 | SANDY CLAY LOAM | 6.6-7.0 | 61-150 | 376-500 | 3.1-4.0 | FULL SUN | 2.1-2.5 | TO PREVENT STRESS |
| NJ1 | LOAM | 6.1-6.5 | 151-270 | 376-500 | 3.1-4.0 | FULL SUN | 1.1-1.5 | TO PREVENT DORMANCY |
| NJ2 | LOAM | 6.1-6.5 | 271-450 | 376-500 | 2.1-3.0 | FULL SUN | 1.1-1.5 | TO PREVENT STRESS |
| NJ3 | SILT LOAM AND SILT | 6.6-7.0 | 151-270 | 501+ | 3.1-4.0 | FULL SUN | 1.1-1.5 | TO PREVENT STRESS |
| OH2 | SILTY CLAY LOAM | - | - | - | 4.1-5.0 | FULL SUN | 1.6-2.0 | ONLY DURING SEVERE STRESS |
| ON1 | SILTY CLAY AND CLAY | 6.6-7.0 | - | - | - | FULL SUN | 1.1-1.5 | - |
| OR2 | SILT LOAM AND SILT | 5.6-6.0 | 151-270 | 241-375 | 4.1-5.0 | UNIFORM SHADE | 2.1-2.5 | TO PREVENT DORMANCY |
| OR9 | SILT LOAM AND SILT | 5.6-6.0 | 151-270 | 241-375 | 4.1-5.0 | FULL SUN | 1.1-1.5 | TO PREVENT DORMANCY |
| RI1 | SILT LOAM AND SILT | 6.6-7.0 | 271-450 | 0-150 | 3.1-4.0 | FULL SUN | 1.1-1.5 | TO PREVENT STRESS |
| UB1 | SILT LOAM AND SILT | 5.6-6.0 | 61-150 | 0-150 | 3.1-4.0 | FULL SUN | 1.1-1.5 | TO PREVENT DORMANCY |
| VA1 | SILT LOAM AND SILT | 6.1-6.5 | 61-150 | 241-375 | 3.1-4.0 | FULL SUN | 2.1-2.5 | ONLY DURING SEVERE STRESS |
| VA2 | SILT LOAM AND SILT | 6.1-6.5 | 271-450 | 376-500 | 2.1-3.0 | FULL SUN | 2.6-3.0 | NO IRRIGATION |
| WA1 | SILT LOAM AND SILT | 6.1-6.5 | 0-60 | 501+ | 3.1-4.0 | FULL SUN | 1.6-2.0 | TO PREVENT STRESS |

TABLE B.

LOCATIONS AND DATA COLLECTED IN 1991-1995

| LOCATION | JANUARY QUALITY RATING | FEBRUARY QUALITY RATING | MARCH QUALITY RATING | APRIL QUALITY RATING | MAY QUALITY RATING | JUNE QUALITY RATING | JULY QUALITY RATING | AUGUST QUALITY RATING | SEPTEMBER QUALITY RATING | OCTOBER QUALITY RATING | NOVEMBER QUALITY RATING | DECEMBER QUALITY RATING | GENETIC COLOR | SPRING GREENUP |
|----------|------------------------------|-------------------------------|----------------------------|----------------------------|--------------------------|---------------------------|---------------------------|-----------------------------|--------------------------------|------------------------------|-------------------------------|-------------------------------|------------------|-------------------|
| CO1 | | | | | X | X | X | X | X | X | | | X | |
| IA1 | | | | | X | X | X | X | X | X | | | | |
| ID2 | | | X | X | X | X | X | X | X | X | X | | X | X |
| IL1 | | | | X | X | X | X | X | X | X | | | | X |
| IL2 | | | | X | X | X | X | X | X | X | | | | X |
| KY1 | | | X | X | X | X | X | X | X | X | | | X | |
| MD1 | | | X | X | X | X | X | X | X | X | | X | | |
| MI1 | | | | | X | X | X | X | X | | | | | |
| NE1 | | | | X | X | X | X | X | X | | | | X | X |
| NJ1 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| NJ2 | X | X | X | X | X | X | X | X | X | X | X | X | | |
| NJ3 | | | | X | X | X | X | X | X | X | X | | X | X |
| OH2 | | | | | X | | X | | | X | | | X | X |
| ON1 | | | | | X | X | X | X | X | X | | | | |
| OR2 | | | X | X | X | X | X | X | X | X | X | X | | |
| OR9 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| RI1 | | | | X | X | X | X | X | X | X | X | | X | X |
| UB1 | | | | X | X | X | X | X | X | X | X | | | X |
| VA1 | | | | X | X | X | X | X | X | X | X | | | |
| VA2 | | | | X | X | X | X | X | X | X | X | X | X | |
| WA1 | | | X | X | X | X | X | X | X | X | | | | |

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 1991-1995

| LOCATION | LEAF TEXTURE | SEEDLING VIGOR | SPRING DENSITY | SUMMER DENSITY | FALL DENSITY | PERCENT COVER SPRING | PERCENT COVER FALL | WINTER COLOR | DROUGHT TOLERANCE WILTING | DROUGHT TOLERANCE DORMANCY | DROUGHT TOLERANCE RECOVERY | MELTING OUT | LEAF SPOT | STEM RUST | DOLLAR SPOT |
|----------|-----------------|-------------------|-------------------|-------------------|-----------------|----------------------------|--------------------------|-----------------|---------------------------------|----------------------------------|----------------------------------|----------------|--------------|--------------|----------------|
| CO1 | | X | | | | | | X | | | | | | | |
| IA1 | | | | | | | | | | | | | | | |
| ID2 | | X | | X | | X | | X | | | | | X | | |
| IL1 | | | | | | | | | | | | | | | X |
| IL2 | | | | | | X | | | | X | X | | | | |
| KY1 | X | | | | | | | X | | | | | | | |
| MD1 | | | | | | | | | | | | | | | X |
| MI1 | | | | | | | | | | | | | | | |
| NE1 | | | | | | | | | | | | | | | |
| NJ1 | | X | | | X | | | X | X | | | | X | | |
| NJ2 | | X | | | | | | X | | | | | X | X | X |
| NJ3 | X | | X | X | X | | | X | | | | | | | |
| OH2 | | | | X | | | | | | | | | X | | |
| ON1 | | X | X | | | X | | | X | | | | | | |
| OR2 | | | | | | | | | | | | | | | |
| OR9 | X | X | X | | | | X | X | | | X | X | X | | |
| RI1 | X | | X | | | | | | | | | | | | X |
| UB1 | | | | | | | | | | | | | | | |
| VA1 | | | | | | | | X | | | | | | | |
| VA2 | X | | | | | X | X | | | X | X | | | | X |
| WA1 | | | | | | | | | | | | | | | |

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 1991-1995

| LOCATION | RED THREAD | BROWN PATCH | SUMMER PATCH | PYTHIUM BLIGHT | STRIPE SMUT | FLOOD RECOVERY | PERCENT LEAF SPOT | PERCENT LEAF DISEASE | PERCENT PATCH DISEASE | LEAF RUST | DISEASE RATING | STRIPE RUST | POA ANNUA | PERCENT PLOT GREEN | NECROTIC RING SPOT | SUMMER STRESS RECOVERY | SOD STRENGTH |
|----------|---------------|----------------|-----------------|-------------------|----------------|-------------------|-------------------------|----------------------------|-----------------------------|--------------|-------------------|----------------|--------------|--------------------------|--------------------------|------------------------------|-----------------|
| CO1 | | | | | | | | | | | | | | | | | |
| IA1 | | | | | | | | | | | | | | | | | |
| ID2 | | | | | | | | | | | | | X | | X | | |
| IL1 | | | | | | | | | | | X | | | | | | |
| IL2 | | | | X | | | | | | | | | | | | | |
| KY1 | X | | | | | | X | X | X | | | | | | | | |
| MD1 | | | X | | | | | | | | | | | | | | |
| MI1 | | | | | | | | | | | | | | | | | |
| NE1 | | | | | | X | | | | | | | | | | | |
| NJ1 | | | | | X | | | | | | | | | | | X | |
| NJ2 | | | | | X | | | | | | | | | | | | |
| NJ3 | | | | | | | | | | | | | | | | | |
| OH2 | X | | | | | | | | | | | | X | | | | |
| ON1 | | | | | | | | | | | | | | | | | |
| OR2 | | | | | | | | | | | | | | | | | |
| OR9 | | | | | | | | | | | | X | X | | | | |
| RI1 | | | | | | | | | | X | | | | | | | |
| UB1 | | | | | | | | | | | | | | | | | |
| VA1 | | | | | | | | | | | | | | | | | |
| VA2 | | X | | | | | | | | | | | | X | | | X |
| WA1 | | | | | | | | | | | | | | | | | |

TABLE 1.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER HIGH MAINTENANCE AT TWENTY-ONE LOCATIONS IN THE U.S.
1991-1995 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 1/

| NAME | CO1 | IA1 | ID2 | IL1 | IL2 | KY1 | MD1 | MI1 | NE1 | NJ1 | NJ2 | NJ3 | OH2 | ON1 | OR2 | OR9 | RI1 | UB1 | VA1 | VA2 | WA1 | MEAN |
|---------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| * MIDNIGHT | 7.2 | 7.3 | 7.1 | 4.8 | 6.1 | 8.1 | 6.5 | 6.3 | 5.9 | 6.5 | 7.0 | 6.7 | 6.8 | 4.9 | 4.1 | 6.3 | 5.5 | 7.5 | 5.1 | 4.6 | 5.9 | 6.2 |
| * BLACKSBURG | 7.6 | 7.3 | 6.7 | 5.6 | 6.0 | 6.6 | 6.4 | 5.9 | 5.8 | 6.5 | 6.0 | 6.1 | 5.8 | 4.9 | 5.9 | 6.5 | 5.3 | 7.1 | 4.8 | 4.6 | 5.4 | 6.0 |
| * ASCOT (BA 77-279) | 7.6 | 7.3 | 7.1 | 4.5 | 4.9 | 6.5 | 6.2 | 6.5 | 6.3 | 5.6 | 6.3 | 5.8 | 6.4 | 5.3 | 6.5 | 6.1 | 5.7 | 6.6 | 4.9 | 4.6 | 6.1 | 6.0 |
| * ECLIPSE | 7.2 | 6.9 | 6.0 | 5.5 | 5.5 | 7.3 | 6.4 | 6.5 | 6.1 | 5.9 | 6.2 | 5.8 | 6.6 | 5.1 | 4.5 | 5.7 | 6.0 | 7.3 | 5.5 | 4.6 | 6.0 | 6.0 |
| * UNIQUE (PST-C-76) | 7.3 | 7.0 | 5.2 | 4.9 | 5.7 | 6.9 | 6.1 | 6.3 | 6.3 | 5.5 | 6.2 | 6.3 | 6.7 | 5.7 | 5.8 | 6.1 | 5.6 | 6.8 | 4.8 | 4.7 | 5.7 | 6.0 |
| * APEX (SUMMIT) | 7.6 | 7.3 | 7.8 | 6.2 | 5.1 | 5.9 | 6.6 | 6.1 | 6.6 | 3.9 | 6.1 | 5.6 | 5.7 | 5.5 | 7.0 | 6.5 | 5.0 | 6.8 | 4.5 | 3.3 | 6.1 | 6.0 |
| * GLADE | 7.3 | 7.1 | 6.4 | 5.4 | 6.6 | 7.2 | 6.3 | 6.5 | 6.2 | 4.4 | 5.5 | 4.9 | 7.0 | 6.1 | 4.6 | 5.2 | 5.5 | 7.0 | 4.3 | 4.8 | 6.0 | 5.9 |
| * BREAKNESS (602) | 7.1 | 7.2 | 5.6 | 5.8 | 6.5 | 6.8 | 6.7 | 6.4 | 6.0 | 5.9 | 5.6 | 5.5 | 6.7 | 4.9 | 3.5 | 5.6 | 5.6 | 7.2 | 5.7 | 4.7 | 5.5 | 5.9 |
| RITA (PST-UD-10) | 7.1 | 6.9 | 5.4 | 5.3 | 5.9 | 6.9 | 6.1 | 6.2 | 5.8 | 6.6 | 6.3 | 5.3 | 6.5 | 4.9 | 4.3 | 6.0 | 5.9 | 6.6 | 5.3 | 5.0 | 5.9 | 5.9 |
| PST-0514 | 7.2 | 7.1 | 6.0 | 4.9 | 5.5 | 6.8 | 6.1 | 6.4 | 6.2 | 5.2 | 6.0 | 5.6 | 7.1 | 5.2 | 6.0 | 6.2 | 5.2 | 6.8 | 4.3 | 4.7 | 5.7 | 5.9 |
| * ALPINE | 7.4 | 6.8 | 6.6 | 5.7 | 4.7 | 6.1 | 5.9 | 6.6 | 5.9 | 4.6 | 5.7 | 5.7 | 6.8 | 6.1 | 5.8 | 5.9 | 5.2 | 6.9 | 5.2 | 4.2 | 6.0 | 5.9 |
| * PRINCETON 104 | 7.9 | 6.8 | 6.0 | 6.3 | 5.3 | 7.0 | 6.2 | 6.1 | 5.3 | 5.9 | 6.3 | 5.5 | 7.0 | 4.8 | 4.3 | 6.3 | 5.2 | 6.3 | 5.6 | 4.0 | 5.6 | 5.9 |
| PST-A7-1877 | 7.3 | 7.3 | 5.6 | 5.3 | 6.1 | 6.0 | 6.5 | 6.1 | 6.4 | 4.6 | 5.2 | 4.9 | 7.5 | 5.3 | 6.2 | 5.6 | 5.2 | 6.9 | 5.3 | 4.6 | 6.1 | 5.9 |
| * SR 2000 | 6.5 | 7.1 | 5.6 | 5.5 | 6.4 | 6.7 | 6.3 | 6.6 | 5.6 | 6.4 | 6.1 | 5.4 | 6.5 | 5.1 | 4.3 | 5.2 | 6.1 | 6.7 | 4.4 | 5.4 | 5.5 | 5.9 |
| PST-1DW | 7.3 | 6.9 | 7.8 | 5.9 | 5.7 | 5.7 | 6.3 | 6.2 | 6.3 | 4.2 | 5.8 | 6.1 | 6.7 | 4.7 | 6.0 | 6.3 | 4.8 | 6.6 | 4.6 | 4.2 | 5.5 | 5.9 |
| * LIMOUSINE | 7.2 | 7.0 | 6.4 | 5.7 | 5.5 | 5.1 | 6.3 | 6.0 | 6.9 | 5.1 | 5.4 | 6.2 | 6.8 | 4.4 | 5.2 | 6.3 | 4.6 | 7.4 | 5.5 | 4.1 | 6.1 | 5.9 |
| * ALLURE (BA 73-540) | 6.9 | 7.0 | 5.5 | 5.8 | 6.3 | 6.1 | 6.4 | 6.4 | 5.8 | 4.8 | 4.9 | 5.2 | 7.2 | 4.9 | 6.2 | 5.8 | 5.0 | 6.9 | 4.8 | 5.2 | 5.9 | 5.9 |
| * OPTI-GREEN (PST-B8-106) | 7.1 | 7.3 | 5.9 | 5.2 | 6.5 | 5.7 | 6.4 | 6.0 | 6.2 | 4.8 | 5.2 | 4.8 | 6.5 | 5.1 | 6.1 | 6.1 | 5.2 | 6.8 | 5.2 | 4.8 | 5.9 | 5.9 |
| * WASHINGTON | 6.7 | 6.8 | 5.8 | 5.9 | 5.2 | 6.4 | 6.1 | 6.2 | 6.1 | 5.0 | 5.3 | 5.9 | 6.7 | 5.6 | 5.6 | 6.1 | 5.3 | 6.4 | 5.4 | 4.0 | 6.1 | 5.8 |
| * ABLE I | 6.5 | 7.1 | 6.1 | 5.0 | 5.6 | 6.8 | 6.1 | 6.1 | 5.7 | 5.5 | 5.8 | 5.7 | 7.0 | 5.0 | 5.7 | 6.0 | 5.8 | 6.3 | 5.3 | 4.0 | 5.7 | 5.8 |
| BAR VB 852 | 6.6 | 6.9 | 4.9 | 6.0 | 6.8 | 6.4 | 6.0 | 6.4 | 6.4 | 5.5 | 5.2 | 5.0 | 7.3 | 4.7 | 4.8 | 5.5 | 5.3 | 6.9 | 5.4 | 4.8 | 5.9 | 5.8 |
| * SHAMROCK (H86-712) | 7.3 | 6.9 | 5.5 | 6.1 | 6.0 | 5.9 | 6.0 | 6.0 | 5.2 | 6.0 | 5.6 | 5.1 | 6.3 | 5.2 | 4.7 | 5.7 | 5.6 | 6.7 | 5.5 | 5.0 | 6.1 | 5.8 |
| * FAIRFAX (BA 69-82) | 7.1 | 7.0 | 5.4 | 5.5 | 6.2 | 6.1 | 6.3 | 6.2 | 6.2 | 4.9 | 5.0 | 4.8 | 6.6 | 5.4 | 5.9 | 5.7 | 5.4 | 7.0 | 5.0 | 5.0 | 5.6 | 5.8 |
| * ASPEN | 6.7 | 7.0 | 5.4 | 5.2 | 6.2 | 7.1 | 6.4 | 6.4 | 5.7 | 5.9 | 6.1 | 5.2 | 6.3 | 5.2 | 4.6 | 5.1 | 5.1 | 6.6 | 5.4 | 4.9 | 5.9 | 5.8 |
| PSU-151 | 7.4 | 6.9 | 5.3 | 5.9 | 6.4 | 6.4 | 6.1 | 6.3 | 5.9 | 5.3 | 5.8 | 5.2 | 6.7 | 5.4 | 4.9 | 5.4 | 5.1 | 6.5 | 5.0 | 4.4 | 5.7 | 5.8 |
| * COVENTRY | 7.1 | 6.9 | 5.7 | 5.7 | 6.0 | 6.0 | 6.5 | 5.8 | 5.8 | 4.8 | 5.1 | 5.1 | 6.8 | 5.0 | 5.7 | 5.6 | 5.2 | 7.0 | 4.8 | 4.9 | 6.2 | 5.8 |
| BA 70-131 | 6.5 | 7.2 | 5.5 | 5.5 | 5.8 | 5.9 | 6.6 | 6.3 | 5.6 | 4.8 | 5.0 | 4.5 | 7.3 | 5.6 | 5.6 | 5.7 | 5.1 | 6.8 | 5.0 | 4.9 | 6.4 | 5.8 |
| * JULIA | 7.0 | 7.0 | 5.5 | 5.2 | 5.6 | 5.4 | 6.1 | 6.0 | 6.2 | 5.5 | 5.7 | 5.1 | 6.7 | 5.4 | 5.5 | 5.9 | 5.1 | 7.0 | 4.8 | 4.6 | 6.1 | 5.8 |
| * EAGLETON | 6.7 | 7.2 | 5.4 | 6.4 | 6.8 | 6.6 | 6.2 | 6.6 | 5.8 | 4.8 | 4.9 | 5.1 | 6.3 | 5.8 | 4.9 | 4.6 | 5.6 | 6.8 | 4.5 | 4.7 | 5.4 | 5.8 |
| * 1757 | 6.6 | 6.7 | 5.5 | 4.5 | 6.1 | 6.8 | 6.1 | 6.5 | 5.9 | 5.5 | 5.7 | 5.2 | 6.8 | 4.6 | 4.8 | 6.0 | 5.4 | 6.3 | 5.6 | 4.4 | 6.0 | 5.8 |
| * ESTATE | 6.7 | 7.2 | 5.3 | 5.3 | 5.5 | 5.7 | 6.7 | 5.8 | 5.4 | 4.8 | 5.1 | 5.0 | 7.2 | 5.0 | 6.0 | 6.0 | 5.4 | 6.6 | 5.1 | 4.9 | 5.9 | 5.7 |
| * DAWN | 6.8 | 6.9 | 5.6 | 4.7 | 5.7 | 6.4 | 6.4 | 6.6 | 5.9 | 5.7 | 5.7 | 5.0 | 7.1 | 5.5 | 4.6 | 5.5 | 5.1 | 6.2 | 4.7 | 4.3 | 6.0 | 5.7 |
| * TRENTON | 6.6 | 7.0 | 5.1 | 4.8 | 6.5 | 6.7 | 6.4 | 6.4 | 5.9 | 5.7 | 5.6 | 5.2 | 6.6 | 5.6 | 4.7 | 5.5 | 4.9 | 6.3 | 4.9 | 4.3 | 5.8 | 5.7 |
| * BANFF | 7.2 | 6.6 | 5.0 | 4.7 | 5.7 | 6.5 | 6.5 | 6.6 | 5.7 | 5.7 | 5.6 | 5.2 | 6.8 | 5.8 | 4.5 | 5.5 | 5.0 | 6.0 | 5.4 | 4.2 | 6.0 | 5.7 |
| * EVA (WW AG 508) | 7.0 | 6.8 | 7.5 | 4.7 | 4.4 | 6.2 | 6.2 | 6.1 | 5.9 | 3.7 | 5.2 | 5.5 | 7.0 | 5.2 | 5.5 | 6.1 | 5.5 | 7.6 | 4.8 | 3.7 | 6.0 | 5.7 |
| * BARTITIA | 7.4 | 6.6 | 5.4 | 4.9 | 5.0 | 5.3 | 6.0 | 5.9 | 6.1 | 4.8 | 5.9 | 5.3 | 7.0 | 5.2 | 6.5 | 6.4 | 5.5 | 7.0 | 4.8 | 3.8 | 5.6 | 5.7 |
| * NUSTAR | 6.8 | 6.9 | 5.8 | 5.0 | 6.1 | 6.2 | 6.4 | 6.1 | 5.8 | 5.4 | 5.6 | 5.2 | 6.1 | 4.8 | 4.6 | 5.3 | 5.7 | 6.8 | 5.3 | 4.4 | 6.0 | 5.7 |
| PST-UD-12 | 6.6 | 6.8 | 5.2 | 4.5 | 5.7 | 6.3 | 6.7 | 5.8 | 6.1 | 5.2 | 5.0 | 5.2 | 7.3 | 5.6 | 5.3 | 5.9 | 5.0 | 6.5 | 4.7 | 4.6 | 6.3 | 5.7 |
| * BARCELONA (BAR VB 1184) | 7.4 | 6.8 | 5.9 | 4.5 | 5.2 | 5.4 | 6.0 | 5.7 | 6.1 | 4.3 | 5.7 | 5.6 | 7.4 | 4.4 | 6.2 | 6.3 | 5.5 | 7.0 | 5.0 | 4.1 | 5.6 | 5.7 |
| * RAM-1 | 6.8 | 7.3 | 5.8 | 4.2 | 5.3 | 5.6 | 6.2 | 6.1 | 5.4 | 4.8 | 5.2 | 5.2 | 7.2 | 5.6 | 4.9 | 5.5 | 5.6 | 7.1 | 5.3 | 4.8 | 6.1 | 5.7 |
| * PLATINI | 7.5 | 6.9 | 5.1 | 5.0 | 5.0 | 5.0 | 6.2 | 6.0 | 6.4 | 5.3 | 5.5 | 5.2 | 7.3 | 5.3 | 5.3 | 5.8 | 5.2 | 6.9 | 4.7 | 4.3 | 6.1 | 5.7 |
| * CALIBER (J-335) | 7.1 | 6.7 | 5.8 | 5.7 | 5.6 | 5.2 | 6.1 | 6.2 | 5.6 | 5.2 | 5.4 | 5.4 | 6.5 | 4.9 | 5.4 | 5.7 | 5.1 | 6.7 | 4.9 | 4.2 | 6.3 | 5.7 |
| * BARONIE (BAR VB 985) | 7.1 | 6.8 | 4.8 | 4.7 | 5.9 | 6.8 | 6.2 | 6.2 | 5.7 | 5.9 | 5.4 | 5.6 | 6.7 | 5.4 | 4.5 | 5.5 | 5.3 | 6.2 | 5.1 | 4.2 | 5.7 | 5.7 |
| * CYNTHIA | 6.8 | 6.9 | 5.3 | 5.5 | 5.7 | 6.0 | 6.2 | 5.8 | 6.1 | 4.5 | 5.0 | 5.9 | 7.0 | 5.3 | 5.1 | 5.9 | 4.9 | 7.1 | 4.8 | 4.0 | 5.5 | 5.7 |
| * HAGA | 6.4 | 6.8 | 4.7 | 4.9 | 6.1 | 6.6 | 6.6 | 6.3 | 5.8 | 5.4 | 5.4 | 5.1 | 7.0 | 5.4 | 4.8 | 5.5 | 5.4 | 6.4 | 4.7 | 4.3 | 6.1 | 5.7 |

TABLE 1. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER HIGH MAINTENANCE AT TWENTY-ONE LOCATIONS IN THE U.S.
1991-1995 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

| NAME | CO1 | IA1 | ID2 | IL1 | IL2 | KY1 | MD1 | MI1 | NE1 | NJ1 | NJ2 | NJ3 | OH2 | ON1 | OR2 | OR9 | RI1 | UB1 | VA1 | VA2 | WA1 | MEAN |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| PST-A84-803 | 7.4 | 6.9 | 4.5 | 4.3 | 5.5 | 6.6 | 6.3 | 6.6 | 5.3 | 5.1 | 5.9 | 5.5 | 6.8 | 5.8 | 4.6 | 6.0 | 5.2 | 6.2 | 4.9 | 4.3 | 5.9 | 5.7 |
| CARDIFF | 6.9 | 7.0 | 5.6 | 4.7 | 4.9 | 6.2 | 5.8 | 6.5 | 5.4 | 5.6 | 6.6 | 5.3 | 6.7 | 5.1 | 5.5 | 5.4 | 5.2 | 7.2 | 4.5 | 4.2 | 5.3 | 5.7 |
| * LIVINGSTON | 6.7 | 7.0 | 5.0 | 5.1 | 6.1 | 6.6 | 6.1 | 5.9 | 6.1 | 5.2 | 5.0 | 5.1 | 6.8 | 5.3 | 4.3 | 5.3 | 5.5 | 6.4 | 5.2 | 5.0 | 5.9 | 5.7 |
| * SUFFOLK | 7.0 | 6.7 | 5.3 | 4.7 | 5.4 | 6.5 | 6.2 | 6.8 | 5.8 | 5.4 | 5.4 | 5.2 | 6.8 | 5.7 | 4.5 | 5.3 | 5.3 | 6.0 | 4.8 | 4.4 | 5.9 | 5.7 |
| J-333 | 6.9 | 6.8 | 5.6 | 5.3 | 6.0 | 6.0 | 6.2 | 6.1 | 5.4 | 4.9 | 5.3 | 5.4 | 6.6 | 5.0 | 4.9 | 6.1 | 4.8 | 6.6 | 5.0 | 4.4 | 6.1 | 5.7 |
| * CONNI | 7.3 | 7.3 | 6.6 | 4.7 | 5.9 | 6.2 | 6.2 | 5.7 | 6.0 | 4.4 | 4.7 | 5.6 | 7.0 | 4.9 | 4.9 | 5.8 | 5.1 | 6.9 | 4.9 | 3.5 | 5.6 | 5.7 |
| * FREEDOM | 6.3 | 6.9 | 5.3 | 4.6 | 5.4 | 6.1 | 6.6 | 6.0 | 6.1 | 5.5 | 5.6 | 5.0 | 6.8 | 5.7 | 4.7 | 5.5 | 5.2 | 6.1 | 5.3 | 4.4 | 5.8 | 5.7 |
| * CHALLENGER | 7.0 | 6.9 | 6.0 | 4.1 | 5.4 | 6.5 | . | 6.0 | 5.8 | 4.8 | 5.4 | 5.6 | 7.0 | 5.1 | 5.1 | 5.7 | 5.3 | 6.7 | 4.4 | 4.7 | 5.7 | 5.7 |
| * CLASSIC | 7.0 | 7.0 | 4.2 | 5.2 | 6.2 | 6.1 | 6.2 | 5.7 | 5.7 | 5.8 | 5.8 | 5.2 | 6.6 | 5.7 | 4.2 | 5.5 | 5.4 | 6.3 | 5.1 | 4.2 | 6.0 | 5.7 |
| * GEORGETOWN | 6.7 | 6.8 | 5.0 | 4.6 | 5.9 | 6.4 | 6.3 | 6.0 | 5.9 | 5.5 | 5.7 | 5.3 | 6.6 | 5.4 | 4.3 | 5.5 | 5.4 | 6.2 | 5.0 | 4.2 | 6.1 | 5.7 |
| PST-C-224 | 6.8 | 7.1 | 4.8 | 5.4 | 5.2 | 5.7 | . | 6.3 | 6.0 | 5.0 | 4.7 | 5.1 | 6.8 | 4.7 | 6.2 | 6.0 | 5.1 | 6.9 | 4.8 | 4.7 | 6.1 | 5.7 |
| * INDIGO | 6.8 | 6.9 | 5.2 | 4.0 | 5.6 | 7.0 | 6.0 | 6.2 | 5.5 | 5.7 | 5.9 | 5.6 | 6.8 | 5.2 | 4.2 | 5.3 | 5.2 | 6.5 | 5.0 | 4.2 | 5.7 | 5.6 |
| * A-34 | 6.6 | 7.0 | 4.6 | 5.3 | 6.0 | 6.0 | 6.3 | 5.7 | 6.2 | 5.2 | 5.1 | 5.1 | 7.0 | 5.2 | 5.0 | 5.6 | 5.5 | 6.5 | 5.3 | 4.1 | 5.2 | 5.6 |
| EVV 13.703 | 6.4 | 6.9 | 5.5 | 5.1 | 4.7 | 5.4 | 5.6 | 6.4 | 5.9 | 5.4 | 6.5 | 5.5 | 6.4 | 4.9 | 5.3 | 5.8 | 5.0 | 7.3 | 4.7 | 4.1 | 5.5 | 5.6 |
| * NUBLUE (J-229) | 6.9 | 6.9 | 5.6 | 5.3 | 6.0 | 6.2 | 6.2 | 6.6 | 5.9 | 4.4 | 5.3 | 5.1 | 7.1 | 5.4 | 4.4 | 5.5 | 4.7 | 6.3 | 4.4 | 4.1 | 6.1 | 5.6 |
| WW AG 505 | 7.6 | 7.1 | 6.1 | 5.4 | 5.0 | 5.9 | 6.0 | 6.1 | 5.6 | 3.6 | 5.5 | 5.8 | 6.7 | 4.8 | 4.2 | 6.0 | 5.0 | 7.5 | 4.6 | 3.9 | 6.0 | 5.6 |
| * PENNPRO (PR-1) | 7.4 | 7.2 | 5.9 | 4.5 | 5.5 | 6.4 | . | 6.1 | 5.9 | 4.7 | 5.2 | 5.1 | 6.6 | 5.8 | 3.5 | 5.6 | 4.5 | 6.9 | 5.4 | 3.9 | 6.3 | 5.6 |
| J11-94 | 6.6 | 6.8 | 5.2 | 4.7 | 6.0 | 6.4 | 6.1 | 6.4 | 5.5 | 5.3 | 5.2 | 5.1 | 6.8 | 5.5 | 4.7 | 5.6 | 5.1 | 6.0 | 5.3 | 4.2 | 5.7 | 5.6 |
| * LIBERTY | 6.9 | 6.8 | 5.2 | 4.7 | 5.6 | 6.2 | 6.2 | 5.6 | 5.7 | 5.0 | 5.7 | 4.9 | 6.6 | 5.4 | 5.2 | 5.3 | 5.3 | 6.4 | 5.2 | 4.0 | 6.0 | 5.6 |
| * TOUCHDOWN | 7.4 | 6.7 | 5.3 | 4.8 | 5.6 | 6.2 | 6.3 | 6.5 | 5.5 | 4.5 | 5.3 | 5.2 | 6.5 | 5.7 | 3.3 | 5.5 | 4.8 | 6.7 | 5.0 | 4.4 | 6.2 | 5.6 |
| J34-99 | 6.6 | 6.8 | 5.7 | 4.6 | 5.8 | 6.3 | 6.3 | 6.3 | 5.9 | 5.2 | 5.1 | 5.1 | 6.5 | 5.9 | 4.7 | 5.2 | 4.8 | 6.2 | 4.3 | 4.5 | 6.0 | 5.6 |
| BAR VB 1169 | 7.0 | 6.8 | 5.4 | 4.9 | 4.7 | 4.7 | 6.2 | 6.0 | 6.1 | 5.3 | 5.8 | 5.3 | 6.4 | 5.2 | 5.2 | 6.1 | 5.0 | 6.5 | 4.7 | 4.1 | 6.0 | 5.6 |
| PST-A84-405 | 7.2 | 7.0 | 5.2 | 4.6 | 5.9 | 6.6 | 5.8 | 6.1 | 5.3 | 5.0 | 5.4 | 4.8 | 6.6 | 5.1 | 4.6 | 5.3 | 5.6 | 6.5 | 4.8 | 4.5 | 5.5 | 5.6 |
| * MINSTREL | 7.0 | 6.8 | 5.8 | 4.5 | 5.2 | 6.3 | 6.0 | 6.1 | 5.9 | 4.2 | 5.0 | 5.3 | 6.7 | 4.9 | 4.7 | 6.3 | 5.4 | 7.0 | 4.4 | 4.5 | 5.6 | 5.6 |
| BA 76-305 | 6.6 | 6.5 | 5.2 | 5.0 | 6.3 | 6.4 | 6.0 | 6.4 | 5.2 | 3.6 | 4.6 | 4.9 | 6.9 | 5.3 | 5.0 | 5.1 | 5.4 | 6.5 | 5.2 | 4.8 | 6.4 | 5.6 |
| J13-152 | 6.9 | 7.0 | 5.0 | 4.7 | 5.6 | 6.3 | 6.3 | 6.5 | 5.8 | 5.1 | 5.3 | 5.1 | 6.2 | 5.6 | 4.5 | 5.2 | 5.0 | 6.3 | 4.7 | 4.2 | 6.0 | 5.6 |
| * COBALT | 6.5 | 6.9 | 5.6 | 4.4 | 6.0 | 5.9 | 6.1 | 6.4 | 5.6 | 5.4 | 5.3 | 4.6 | 6.6 | 5.1 | 4.7 | 5.4 | 5.0 | 6.2 | 4.8 | 5.0 | 5.7 | 5.6 |
| * 4 ACES (PST-RE-88) | 6.7 | 6.8 | 5.2 | 4.8 | 5.5 | 6.3 | 5.8 | 6.1 | 5.9 | 4.6 | 4.9 | 4.7 | 6.5 | 5.6 | 5.0 | 5.3 | 5.1 | 6.6 | 5.0 | 5.0 | 5.6 | 5.6 |
| * RAVEN (BA 78-258) | 7.1 | 6.8 | 5.3 | 4.9 | 5.8 | 6.2 | 6.0 | 6.0 | 5.3 | 4.1 | 4.3 | 5.1 | 6.9 | 5.5 | 5.2 | 5.2 | 5.5 | 6.5 | 4.7 | 4.6 | 6.0 | 5.6 |
| * SILVIA | 6.3 | 6.9 | 4.5 | 4.2 | 5.9 | 5.9 | 6.0 | 6.2 | 5.9 | 5.2 | 5.1 | 5.2 | 6.5 | 5.4 | 4.8 | 5.6 | 5.3 | 6.6 | 5.1 | 4.3 | 5.6 | 5.5 |
| * BARON | 6.0 | 6.8 | 5.2 | 4.6 | 5.0 | 6.4 | 6.3 | 6.7 | 5.5 | 3.4 | 4.5 | 4.9 | 7.0 | 5.4 | 5.0 | 5.2 | 5.5 | 6.7 | 5.6 | 4.9 | 5.9 | 5.5 |
| * BARBLUE | 6.8 | 6.5 | 5.6 | 4.8 | 5.9 | 6.0 | 6.0 | 6.1 | 5.8 | 6.2 | 5.0 | 5.3 | 5.8 | 4.6 | 4.5 | 5.7 | 4.6 | 5.9 | 4.9 | 4.1 | 6.1 | 5.5 |
| * BARSWEET | 7.1 | 6.7 | 4.8 | 4.1 | 5.1 | 4.8 | 6.4 | 5.6 | 6.5 | 5.3 | 5.2 | 6.1 | 6.8 | 5.1 | 4.3 | 5.7 | 5.4 | 7.2 | 4.6 | 3.7 | 5.8 | 5.5 |
| PST-A7-341 | 6.8 | 6.9 | 5.1 | 4.1 | 5.4 | 6.0 | 6.0 | 6.5 | 5.9 | 3.4 | 4.4 | 4.8 | 6.5 | 5.2 | 5.5 | 5.4 | 5.2 | 6.8 | 5.0 | 4.8 | 5.9 | 5.5 |
| EVV 13.863 | 7.2 | 6.8 | 4.9 | 4.4 | 5.9 | 5.9 | 6.1 | 6.1 | 5.6 | 3.7 | 4.7 | 5.5 | 6.7 | 5.1 | 5.2 | 5.5 | 4.6 | 6.1 | 5.0 | 4.1 | 6.4 | 5.5 |
| * OPAL | 6.9 | 6.7 | 5.0 | 4.2 | 6.0 | 5.1 | 6.0 | 5.8 | 6.4 | 5.3 | 4.9 | 5.1 | 7.0 | 5.7 | 3.5 | 4.8 | 5.2 | 6.7 | 4.6 | 4.2 | 6.4 | 5.5 |
| * SR 2100 | 7.3 | 6.8 | 5.3 | 5.1 | 5.7 | 5.9 | 6.2 | 5.8 | 5.7 | 4.2 | 4.5 | 4.5 | 6.0 | 5.4 | 4.2 | 5.0 | 5.1 | 6.4 | 5.6 | 4.6 | 6.0 | 5.5 |
| * FORTUNA | 6.1 | 6.8 | 5.1 | 4.7 | 5.4 | 6.8 | 6.1 | 6.0 | 5.3 | 4.0 | 4.7 | 5.2 | 6.4 | 5.1 | 4.7 | 5.4 | 5.4 | 6.6 | 5.1 | 5.0 | 5.6 | 5.5 |
| * ABBEY | 6.4 | 6.6 | 5.1 | 4.0 | 5.8 | 6.7 | 6.4 | 6.6 | 5.3 | 3.8 | 4.7 | 4.7 | 6.3 | 5.4 | 4.3 | 5.0 | 5.3 | 6.7 | 5.1 | 4.8 | 6.2 | 5.5 |
| * BELMONT (798) | 6.7 | 7.1 | 5.0 | 4.4 | 5.5 | 6.2 | 6.1 | 6.6 | 5.4 | 4.8 | 5.2 | 4.8 | 6.0 | 4.4 | 4.7 | 5.5 | 5.6 | 6.4 | 4.2 | 4.5 | 6.0 | 5.5 |
| * MIRANDA | 7.2 | 6.8 | 6.8 | 4.4 | 5.4 | 6.2 | 5.6 | 5.8 | 6.0 | 3.6 | 4.7 | 5.4 | 6.5 | 5.6 | 3.6 | 5.4 | 5.3 | 6.3 | 4.4 | 3.3 | 6.3 | 5.5 |
| * CANNON (BA 73-381) | 6.7 | 6.4 | 5.0 | 4.6 | 5.7 | 6.4 | 6.3 | 6.5 | 5.2 | 3.8 | 4.4 | 4.4 | 6.4 | 5.8 | 4.7 | 4.9 | 5.3 | 6.6 | 5.2 | 4.9 | 5.7 | 5.5 |
| * NASSAU | 6.7 | 6.8 | 5.0 | 3.6 | 5.4 | 6.6 | 5.9 | 6.5 | 5.4 | 4.8 | 5.1 | 4.8 | 6.3 | 5.7 | 4.8 | 5.3 | 5.1 | 5.8 | 4.9 | 4.3 | 5.9 | 5.5 |
| * MONOPOLY | 6.0 | 6.6 | 4.0 | 6.0 | 6.1 | 6.3 | 6.1 | 6.4 | 5.4 | 5.1 | 5.0 | 4.4 | 7.0 | 4.9 | 4.2 | 5.2 | 5.0 | 6.1 | 5.5 | 4.2 | 5.3 | 5.5 |
| HV 125 | 7.0 | 6.9 | 5.2 | 4.0 | 4.9 | 6.1 | 6.0 | 6.6 | 5.1 | 4.8 | 5.0 | 4.8 | 6.6 | 4.7 | 5.5 | 5.9 | 4.9 | 6.2 | 4.5 | 4.5 | 5.5 | 5.5 |

TABLE 1. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER HIGH MAINTENANCE AT TWENTY-ONE LOCATIONS IN THE U.S.
1991-1995 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

| NAME | CO1 | IA1 | ID2 | IL1 | IL2 | KY1 | MD1 | MI1 | NE1 | NJ1 | NJ2 | NJ3 | OH2 | ON1 | OR2 | OR9 | RI1 | UB1 | VA1 | VA2 | WA1 | MEAN |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| * KELLY | 6.5 | 7.0 | 5.1 | 4.6 | 5.4 | 6.6 | 6.3 | 6.7 | 5.5 | 3.6 | 4.2 | 4.2 | 6.6 | 5.4 | 4.6 | 5.2 | 5.0 | 6.7 | 5.0 | 5.0 | 5.5 | 5.5 |
| * AMPELLIA | 6.6 | 6.9 | 5.8 | 5.0 | 5.1 | 6.4 | 6.2 | 6.7 | 5.3 | 3.8 | 4.2 | 5.1 | 6.3 | 4.8 | 4.0 | 5.9 | 5.1 | 6.5 | 4.5 | 4.5 | 5.9 | 5.5 |
| PST-A84-928 | 6.7 | 6.8 | 5.7 | 3.9 | 6.0 | 6.5 | 6.1 | 6.8 | 5.4 | 3.4 | 4.2 | 4.8 | 6.3 | 5.2 | 4.3 | 5.1 | 5.3 | 6.7 | 4.8 | 5.0 | 5.3 | 5.4 |
| * VIVA (BA 73-366) | 6.6 | 6.9 | 4.7 | 4.3 | 5.3 | 6.5 | 6.0 | 6.3 | 5.4 | 3.8 | 4.2 | 4.5 | 6.3 | 5.7 | 4.4 | 5.4 | 5.5 | 6.5 | 4.9 | 5.1 | 6.1 | 5.4 |
| * NOTTINGHAM (BA 77-700) | 6.8 | 6.7 | 4.3 | 4.5 | 5.9 | 6.6 | 6.3 | 6.1 | 5.1 | 3.7 | 4.5 | 4.6 | 6.4 | 5.6 | 4.5 | 5.1 | 5.5 | 6.7 | 4.8 | 4.8 | 5.7 | 5.4 |
| * MIRACLE | 7.4 | 7.1 | 6.2 | 4.0 | 4.6 | 5.5 | 5.9 | 6.4 | 4.9 | 3.1 | 3.8 | 5.2 | 6.3 | 5.6 | 5.6 | 6.2 | 5.4 | 6.4 | 5.1 | 3.7 | 5.7 | 5.4 |
| * GNOME | 6.5 | 6.8 | 4.9 | 4.1 | 5.7 | 6.4 | 6.1 | 6.7 | 5.8 | 3.5 | 4.1 | 4.9 | 6.7 | 5.1 | 4.2 | 5.1 | 5.3 | 6.7 | 5.1 | 4.8 | 5.5 | 5.4 |
| * J-386 | 6.3 | 6.7 | 5.5 | 5.4 | 5.5 | 5.7 | 5.7 | 6.3 | 5.6 | 4.7 | 4.7 | 4.4 | 6.4 | 5.1 | 3.6 | 5.0 | 5.0 | 6.8 | 5.1 | 4.4 | 5.8 | 5.4 |
| * MARQUIS | 6.9 | 6.5 | 5.2 | 4.2 | 5.6 | 6.4 | 6.4 | 6.0 | 5.3 | 3.5 | 4.4 | 4.8 | 6.3 | 4.8 | 5.2 | 4.8 | 5.3 | 6.4 | 4.8 | 5.1 | 5.5 | 5.4 |
| BA 73-382 | 6.1 | 6.7 | 4.9 | 4.1 | 5.8 | 6.4 | 6.2 | 6.4 | 5.4 | 3.6 | 4.0 | 4.1 | 6.7 | 5.6 | 4.6 | 4.8 | 5.8 | 6.5 | 5.3 | 4.8 | 5.9 | 5.4 |
| * MERIT | 6.6 | 6.7 | 5.0 | 4.8 | 5.3 | 6.6 | 6.1 | 6.5 | 4.8 | 3.6 | 4.0 | 4.6 | 6.4 | 4.9 | 4.1 | 5.3 | 5.5 | 6.5 | 5.0 | 4.9 | 5.7 | 5.4 |
| * BROADWAY | 7.6 | 6.3 | 5.5 | 5.1 | 4.8 | 5.0 | 5.9 | 5.6 | 5.2 | 3.4 | 5.2 | 4.6 | 6.8 | 4.4 | 5.9 | 6.2 | 5.3 | 6.6 | 4.3 | 3.7 | 5.6 | 5.4 |
| * CREST | 6.4 | 7.1 | 4.6 | 3.9 | 5.2 | 6.6 | 6.1 | 6.2 | 5.4 | 3.6 | 4.5 | 4.9 | 6.0 | 5.2 | 4.7 | 5.4 | 5.2 | 6.5 | 5.2 | 4.6 | 5.5 | 5.4 |
| PST-R-740 | 6.3 | 6.6 | 5.2 | 4.0 | 5.7 | 5.6 | 6.1 | 5.9 | 5.8 | 3.9 | 4.0 | 5.2 | 6.5 | 5.2 | 4.7 | 5.3 | 5.2 | 6.8 | 4.5 | 4.5 | 5.9 | 5.4 |
| * MELBA | 6.7 | 6.7 | 6.4 | 5.0 | 5.2 | 5.5 | 6.1 | 5.5 | 5.7 | 3.4 | 4.2 | 4.6 | 6.3 | 5.2 | 5.6 | 5.8 | 4.9 | 6.7 | 4.3 | 3.3 | 5.5 | 5.4 |
| R751A | 6.8 | 6.8 | 4.9 | 4.1 | 5.1 | 6.0 | 6.2 | 5.9 | 5.3 | 3.4 | 4.4 | 5.0 | 6.2 | 4.9 | 4.7 | 5.3 | 5.6 | 6.8 | 4.8 | 4.7 | 5.5 | 5.4 |
| * DESTINY | 6.5 | 6.7 | 5.7 | 4.0 | 5.0 | 6.4 | 5.9 | 6.2 | 5.1 | 5.0 | 5.0 | 4.2 | 6.3 | 4.8 | 4.0 | 5.1 | 5.0 | 6.0 | 4.6 | 4.5 | 6.0 | 5.3 |
| NE 80-47 | 6.9 | 6.9 | 4.4 | 4.3 | 4.7 | 5.4 | 6.1 | 5.8 | 6.1 | 4.5 | 4.6 | 4.9 | 6.5 | 5.2 | 5.2 | 4.6 | 5.1 | 6.0 | 4.1 | 4.5 | 6.4 | 5.3 |
| * NOBLESSE | 7.5 | 6.4 | 5.3 | 3.9 | 4.9 | 5.3 | 5.8 | 6.0 | 4.8 | 3.4 | 4.4 | 5.2 | 6.3 | 5.5 | 4.4 | 5.4 | 5.4 | 6.3 | 5.3 | 4.1 | 6.2 | 5.3 |
| * BUCKINGHAM (BA 74-114) | 6.2 | 6.3 | 5.8 | 3.5 | 5.1 | 6.1 | 5.7 | 6.6 | 5.3 | 3.8 | 5.2 | 5.3 | 5.8 | 5.9 | 4.5 | 5.4 | 4.8 | 5.9 | 4.5 | 4.4 | 5.7 | 5.3 |
| * BARMAX (BAR VB 7037) | 6.9 | 6.7 | 4.2 | 4.6 | 5.2 | 4.9 | 6.2 | 5.7 | 5.5 | 4.0 | 4.6 | 5.0 | 6.7 | 4.9 | 3.7 | 5.0 | 5.2 | 6.5 | 5.5 | 4.6 | 5.9 | 5.3 |
| * TRAMPAS | 6.8 | 6.7 | 6.2 | 4.5 | 4.9 | 5.4 | 6.1 | 6.5 | 5.6 | 3.4 | 4.3 | 4.3 | 6.2 | 4.7 | 5.1 | 5.8 | 5.1 | 6.5 | 4.4 | 3.5 | 5.1 | 5.3 |
| PST-HV-116 | 6.7 | 6.8 | 4.7 | 4.5 | 5.7 | 5.2 | 6.2 | 6.3 | 5.3 | 3.0 | 4.0 | 4.6 | 6.5 | 5.1 | 5.5 | 5.7 | 4.8 | 6.0 | 4.8 | 4.0 | 5.3 | 5.3 |
| * BARZAN | 6.0 | 6.7 | 6.0 | 4.9 | 4.9 | 5.7 | 6.3 | 6.0 | 5.2 | 3.4 | 4.3 | 3.8 | 6.3 | 4.6 | 6.0 | 5.1 | 5.5 | 5.6 | 4.8 | 3.9 | 4.4 | 5.2 |
| * BLUE STAR (PST-B8-13) | 6.4 | 6.4 | 4.9 | 3.8 | 5.2 | 5.4 | 6.1 | 5.7 | 4.8 | 2.8 | 3.5 | 5.0 | 5.8 | 4.8 | 4.7 | 5.3 | 4.7 | 6.2 | 4.6 | 4.6 | 5.6 | 5.1 |
| BA 77-292 | 6.5 | 7.0 | 4.7 | 3.9 | 5.7 | 5.8 | 5.8 | 6.3 | 5.5 | 3.5 | 3.6 | 4.0 | 6.3 | 4.9 | 3.7 | 4.5 | 4.6 | 6.1 | 4.0 | 4.5 | 5.3 | 5.1 |
| * CHELSEA | 6.1 | 6.6 | 4.4 | 3.8 | 5.4 | 4.7 | 5.8 | 5.8 | 5.1 | 2.8 | 3.5 | 4.2 | 5.7 | 4.8 | 5.2 | 5.1 | 4.7 | 6.0 | 4.3 | 4.0 | 5.5 | 4.9 |
| * MERION | 5.6 | 6.3 | 3.2 | 3.6 | 5.6 | 5.5 | 5.2 | 6.6 | . | 3.4 | 3.9 | 4.1 | 5.9 | 5.8 | 4.2 | 4.8 | 4.4 | 5.9 | 4.0 | 4.8 | 5.5 | 4.9 |
| * DONNA | 6.3 | 6.2 | 4.1 | 4.2 | 4.9 | 4.6 | 5.4 | 5.6 | 5.1 | 3.0 | 3.7 | 5.0 | 6.3 | 5.2 | 3.1 | 5.0 | 4.5 | 6.3 | 3.8 | 4.4 | 5.7 | 4.9 |
| KWS PP 13-2 | 5.7 | 6.4 | 5.0 | 3.8 | 5.0 | 5.1 | 5.9 | 6.6 | 4.7 | 2.9 | 3.5 | 3.1 | 5.3 | 4.6 | 4.6 | 4.9 | 4.8 | 6.0 | 4.3 | 4.3 | 5.5 | 4.9 |
| * RONDE | 6.5 | 6.5 | 4.2 | 4.7 | 5.1 | 5.3 | 5.7 | 6.4 | 6.0 | 2.6 | 3.2 | 2.5 | 5.7 | 4.8 | 3.6 | 4.0 | 4.7 | 6.3 | 4.3 | 4.3 | 4.9 | 4.8 |
| * KENBLUE | 5.2 | 5.9 | 2.7 | 4.4 | 5.9 | 5.6 | 5.8 | 5.8 | 5.1 | 3.1 | 2.8 | 3.2 | 5.5 | 4.7 | 3.8 | 3.6 | 4.6 | 5.4 | 4.0 | 3.8 | 4.8 | 4.6 |
| GREENLEY | 5.4 | 6.1 | 3.4 | 4.0 | 5.0 | 4.8 | 5.7 | 6.5 | 5.5 | 2.6 | 3.0 | 2.6 | 5.6 | 4.5 | 3.2 | 4.0 | 4.7 | 5.5 | 3.9 | 4.1 | 5.2 | 4.5 |
| * SOUTH DAKOTA CERT. | 5.3 | 6.1 | 3.5 | 4.0 | 4.9 | 5.1 | 5.8 | 6.0 | 5.2 | 2.9 | 2.8 | 2.4 | 4.9 | 4.9 | 2.9 | 3.5 | 4.6 | 5.0 | 3.4 | 3.8 | 4.5 | 4.4 |
| * GINGER | 4.6 | 5.8 | 3.7 | 3.4 | 4.6 | 4.2 | 5.4 | 5.4 | 4.2 | 1.9 | 2.4 | 2.2 | 5.4 | 4.0 | 2.7 | 3.5 | 4.3 | 4.9 | 3.8 | 4.0 | 5.2 | 4.1 |
| LSD VALUE | 1.2 | 0.4 | 0.9 | 0.7 | 0.8 | 0.7 | 0.4 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.8 | 1.4 | 0.7 | 0.4 | 0.7 | 0.4 | 0.5 | 0.7 | 0.6 | 0.2 |

* COMMERCIALY AVAILABLE IN THE USA IN 1996.

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).

TABLE 2.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR EACH
MONTH GROWN UNDER HIGH MAINTENANCE AT TWENTY-ONE LOCATIONS IN THE U.S.
1991-1995 DATA

| NAME | TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 1/ | | | | | | | | | | | | |
|-------------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | MEAN |
| MIDNIGHT | 6.0 | 5.0 | 5.1 | 5.6 | 6.3 | 6.7 | 6.5 | 6.4 | 6.4 | 6.7 | 6.4 | 6.1 | 6.3 |
| BLACKSBURG | 6.5 | 5.4 | 5.6 | 6.0 | 6.4 | 6.6 | 6.2 | 6.0 | 6.0 | 6.0 | 5.9 | 5.9 | 6.1 |
| ASCOT (BA 77-279) | 5.3 | 5.7 | 5.1 | 5.1 | 6.2 | 6.7 | 6.4 | 5.9 | 5.9 | 6.2 | 5.8 | 5.7 | 6.1 |
| ECLIPSE | 5.0 | 5.4 | 5.5 | 5.8 | 6.2 | 6.4 | 6.2 | 6.1 | 6.1 | 6.0 | 5.6 | 5.3 | 6.0 |
| RITA (PST-UD-10) | 6.6 | 6.5 | 6.3 | 6.0 | 6.1 | 6.2 | 5.9 | 5.7 | 6.1 | 6.2 | 5.9 | 5.8 | 6.0 |
| UNIQUE (PST-C-76) | 4.8 | 5.6 | 5.4 | 5.7 | 6.0 | 6.1 | 6.0 | 6.0 | 6.2 | 6.3 | 5.5 | 5.1 | 6.0 |
| SR 2000 | 5.9 | 5.6 | 5.8 | 6.0 | 6.2 | 6.1 | 5.9 | 5.8 | 5.8 | 6.0 | 5.9 | 5.8 | 6.0 |
| PREAKNESS (602) | 5.1 | 5.5 | 6.0 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 6.2 | 6.0 | 5.5 | 5.1 | 5.9 |
| APEX (SUMMIT) | 4.9 | 4.6 | 4.3 | 5.2 | 6.2 | 6.6 | 6.1 | 5.6 | 5.7 | 5.7 | 5.6 | 5.3 | 5.9 |
| PST-0514 | 5.9 | 5.1 | 5.3 | 5.6 | 6.3 | 6.6 | 6.0 | 5.5 | 5.6 | 5.9 | 5.5 | 5.8 | 5.9 |
| GLADE | 4.4 | 4.0 | 4.9 | 5.2 | 5.8 | 6.2 | 6.1 | 5.8 | 5.8 | 6.0 | 5.6 | 5.1 | 5.9 |
| PRINCETON 104 | 6.4 | 6.3 | 6.2 | 5.8 | 6.1 | 6.2 | 5.8 | 5.7 | 5.7 | 5.9 | 5.5 | 5.7 | 5.9 |
| ABLE I | 5.6 | 5.5 | 5.2 | 5.5 | 6.3 | 6.5 | 5.9 | 5.4 | 5.6 | 5.8 | 5.6 | 5.5 | 5.9 |
| PST-1DW | 4.8 | 4.5 | 4.3 | 5.3 | 6.1 | 6.6 | 6.0 | 5.5 | 5.6 | 5.6 | 5.6 | 5.3 | 5.9 |
| ASPEN | 6.3 | 6.4 | 6.1 | 5.9 | 6.0 | 6.0 | 5.7 | 5.5 | 5.8 | 6.1 | 5.5 | 5.7 | 5.9 |
| OPTI-GREEN (PST-B8-106) | 5.6 | 4.9 | 5.3 | 5.9 | 6.0 | 6.2 | 5.9 | 5.3 | 5.6 | 5.8 | 5.4 | 5.8 | 5.9 |
| SHAMROCK (H86-712) | 5.2 | 4.9 | 5.9 | 5.9 | 6.0 | 6.0 | 5.8 | 5.6 | 5.8 | 5.9 | 5.7 | 5.4 | 5.8 |
| ALLURE (BA 73-540) | 4.5 | 4.4 | 5.3 | 5.7 | 6.0 | 6.1 | 6.0 | 5.5 | 5.6 | 5.8 | 5.3 | 5.6 | 5.8 |
| PST-A7-1877 | 4.6 | 4.8 | 5.2 | 5.7 | 5.9 | 6.1 | 5.9 | 5.4 | 5.7 | 5.7 | 5.3 | 5.7 | 5.8 |
| LIMOUSINE | 5.8 | 5.5 | 5.6 | 6.1 | 6.3 | 6.2 | 5.7 | 5.3 | 5.6 | 5.5 | 5.2 | 5.6 | 5.8 |
| ALPINE | 4.0 | 3.5 | 4.0 | 5.0 | 6.4 | 6.8 | 6.0 | 5.5 | 5.7 | 5.7 | 5.3 | 4.6 | 5.8 |
| BAR VB 852 | 5.7 | 5.0 | 5.5 | 6.2 | 6.0 | 6.1 | 5.7 | 5.5 | 5.7 | 5.8 | 5.1 | 5.5 | 5.8 |
| FAIRFAX (BA 69-82) | 4.5 | 4.7 | 5.1 | 5.6 | 5.8 | 6.1 | 5.9 | 5.5 | 5.8 | 5.9 | 5.5 | 5.6 | 5.8 |
| COVENTRY | 4.5 | 4.8 | 5.3 | 5.7 | 5.9 | 6.0 | 5.9 | 5.4 | 5.6 | 5.8 | 5.3 | 5.5 | 5.8 |
| PSU-151 | 5.6 | 6.0 | 6.3 | 5.9 | 5.7 | 5.8 | 5.8 | 5.7 | 5.7 | 5.7 | 5.3 | 5.6 | 5.8 |
| WASHINGTON | 5.5 | 5.7 | 6.0 | 5.7 | 5.6 | 5.8 | 6.0 | 5.7 | 5.6 | 5.8 | 5.5 | 5.4 | 5.8 |
| 1757 | 6.9 | 6.1 | 6.1 | 5.8 | 5.8 | 5.6 | 5.6 | 5.6 | 5.7 | 6.0 | 5.7 | 5.9 | 5.8 |
| JULIA | 6.2 | 6.8 | 5.6 | 6.1 | 6.0 | 5.9 | 5.6 | 5.3 | 5.6 | 5.6 | 5.3 | 5.8 | 5.8 |
| NUSTAR | 5.5 | 4.6 | 4.8 | 5.4 | 5.9 | 6.0 | 5.8 | 5.7 | 5.8 | 5.8 | 5.4 | 5.5 | 5.8 |
| BA 70-131 | 4.8 | 4.7 | 4.9 | 5.4 | 5.9 | 6.0 | 5.9 | 5.4 | 5.6 | 5.8 | 5.4 | 5.4 | 5.8 |
| EAGLETON | 3.7 | 4.0 | 4.7 | 5.2 | 5.2 | 5.5 | 5.9 | 6.1 | 6.2 | 6.1 | 5.4 | 5.2 | 5.7 |
| CARDIFF | 5.3 | 5.1 | 5.7 | 6.0 | 6.0 | 6.1 | 5.8 | 5.5 | 5.6 | 5.7 | 5.4 | 5.3 | 5.7 |
| TRENTON | 6.6 | 6.7 | 6.5 | 5.8 | 5.6 | 5.5 | 5.4 | 5.3 | 5.7 | 6.1 | 5.6 | 6.3 | 5.7 |
| ESTATE | 5.0 | 5.2 | 5.4 | 5.8 | 5.8 | 5.8 | 5.7 | 5.4 | 5.5 | 5.7 | 5.4 | 5.7 | 5.7 |
| DAWN | 6.5 | 6.7 | 6.4 | 5.6 | 5.6 | 5.5 | 5.5 | 5.3 | 5.6 | 6.0 | 5.7 | 5.9 | 5.7 |
| EVA (WW AG 508) | 3.9 | 4.4 | 4.7 | 5.3 | 6.0 | 6.4 | 5.9 | 5.2 | 5.3 | 5.5 | 5.2 | 4.6 | 5.7 |
| BARCELONA (BAR VB 1184) | 5.6 | 4.8 | 4.7 | 5.2 | 6.1 | 6.2 | 5.7 | 5.3 | 5.5 | 5.5 | 5.2 | 5.7 | 5.7 |
| RAM-1 | 5.3 | 4.7 | 4.5 | 5.2 | 5.6 | 5.9 | 5.8 | 5.4 | 5.6 | 6.1 | 5.9 | 5.7 | 5.7 |
| BARTITIA | 5.7 | 4.7 | 4.7 | 5.2 | 6.1 | 6.4 | 5.8 | 5.4 | 5.5 | 5.5 | 5.4 | 5.6 | 5.7 |
| CHALLENGER | 5.4 | 5.5 | 5.8 | 5.7 | 5.7 | 5.8 | 5.7 | 5.4 | 5.5 | 5.6 | 5.3 | 5.3 | 5.7 |
| CALIBER (J-335) | 6.1 | 6.3 | 5.6 | 5.9 | 5.9 | 5.8 | 5.6 | 5.1 | 5.6 | 5.5 | 5.3 | 5.5 | 5.7 |
| BARONIE (BAR VB 985) | 5.5 | 6.2 | 6.4 | 5.8 | 5.6 | 5.5 | 5.4 | 5.3 | 5.8 | 6.1 | 5.8 | 5.9 | 5.7 |
| J-333 | 5.1 | 5.7 | 5.9 | 5.8 | 5.9 | 6.1 | 5.7 | 5.3 | 5.5 | 5.4 | 5.0 | 5.2 | 5.7 |
| BANFF | 6.2 | 6.7 | 6.6 | 5.7 | 5.6 | 5.5 | 5.3 | 5.3 | 5.6 | 6.0 | 5.7 | 5.9 | 5.7 |
| HAGA | 6.1 | 6.5 | 6.1 | 5.5 | 5.6 | 5.6 | 5.4 | 5.3 | 5.7 | 6.0 | 5.4 | 6.0 | 5.7 |

TABLE 2.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR EACH
MONTH GROWN UNDER HIGH MAINTENANCE AT TWENTY-ONE LOCATIONS IN THE U.S.
1991-1995 DATA

| TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS | | | | | | | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| NAME | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | MEAN |
| LIVINGSTON | 5.3 | 5.5 | 5.6 | 5.6 | 5.5 | 5.6 | 5.7 | 5.5 | 5.7 | 5.9 | 5.4 | 5.2 | 5.7 |
| CONNI | 5.4 | 5.3 | 4.7 | 5.2 | 6.0 | 6.3 | 5.9 | 5.1 | 5.3 | 5.5 | 5.2 | 4.6 | 5.7 |
| PST-UD-12 | 6.2 | 6.9 | 5.9 | 5.7 | 5.6 | 5.5 | 5.5 | 5.3 | 5.5 | 5.8 | 5.4 | 5.8 | 5.7 |
| INDIGO | 4.8 | 4.4 | 5.3 | 5.5 | 5.9 | 5.8 | 5.7 | 5.6 | 5.8 | 5.8 | 5.4 | 4.7 | 5.7 |
| PST-A84-803 | 6.4 | 6.5 | 5.7 | 5.6 | 5.9 | 5.8 | 5.5 | 5.2 | 5.6 | 5.8 | 5.4 | 5.6 | 5.6 |
| GEORGETOWN | 6.3 | 6.8 | 6.4 | 5.8 | 5.7 | 5.4 | 5.3 | 5.2 | 5.6 | 6.0 | 5.7 | 5.9 | 5.6 |
| EVB 13.703 | 5.5 | 4.5 | 5.4 | 6.0 | 5.9 | 6.0 | 5.7 | 5.4 | 5.6 | 5.7 | 5.4 | 5.3 | 5.6 |
| PST-C-224 | 5.0 | 5.1 | 5.4 | 5.6 | 5.8 | 5.8 | 5.6 | 5.2 | 5.5 | 5.7 | 5.3 | 5.7 | 5.6 |
| CYNTHIA | 6.5 | 5.7 | 5.3 | 5.1 | 5.5 | 5.8 | 5.7 | 5.5 | 5.6 | 5.6 | 5.3 | 5.7 | 5.6 |
| CLASSIC | 6.7 | 7.1 | 6.4 | 5.8 | 5.5 | 5.4 | 5.4 | 5.3 | 5.6 | 6.0 | 5.6 | 5.9 | 5.6 |
| SUFFOLK | 6.4 | 6.8 | 6.6 | 5.7 | 5.5 | 5.3 | 5.3 | 5.3 | 5.6 | 5.8 | 5.6 | 6.1 | 5.6 |
| PLATINI | 5.4 | 6.2 | 5.4 | 5.9 | 5.9 | 5.8 | 5.5 | 5.2 | 5.5 | 5.4 | 5.2 | 5.4 | 5.6 |
| FREEDOM | 6.2 | 6.9 | 6.6 | 5.6 | 5.5 | 5.4 | 5.4 | 5.3 | 5.5 | 5.9 | 5.6 | 6.2 | 5.6 |
| PST-A84-405 | 5.5 | 5.2 | 5.3 | 5.6 | 5.6 | 5.6 | 5.5 | 5.3 | 5.6 | 5.8 | 5.5 | 5.4 | 5.6 |
| A-34 | 5.0 | 5.5 | 5.8 | 5.8 | 5.8 | 5.6 | 5.5 | 5.3 | 5.6 | 5.5 | 5.2 | 5.3 | 5.6 |
| WW AG 505 | 5.2 | 5.1 | 4.8 | 5.3 | 5.7 | 5.9 | 5.7 | 5.3 | 5.4 | 5.6 | 5.1 | 5.0 | 5.6 |
| COBALT | 5.5 | 5.9 | 5.6 | 5.6 | 5.7 | 5.7 | 5.6 | 5.2 | 5.5 | 5.6 | 5.3 | 5.2 | 5.6 |
| MINSTREL | 5.8 | 5.7 | 5.3 | 5.4 | 5.9 | 6.0 | 5.6 | 5.1 | 5.3 | 5.4 | 5.3 | 5.0 | 5.6 |
| LIBERTY | 6.3 | 6.3 | 5.7 | 5.6 | 5.7 | 5.6 | 5.4 | 5.1 | 5.4 | 5.8 | 5.4 | 5.4 | 5.6 |
| J11-94 | 6.4 | 6.9 | 6.2 | 5.6 | 5.4 | 5.4 | 5.3 | 5.3 | 5.5 | 5.9 | 5.7 | 6.0 | 5.6 |
| NUBLUE (J-229) | 5.8 | 5.5 | 5.5 | 5.3 | 5.7 | 5.9 | 5.6 | 5.1 | 5.3 | 5.4 | 5.0 | 5.1 | 5.6 |
| PENNPRO (PR-1) | 6.4 | 6.0 | 5.7 | 5.6 | 5.8 | 5.7 | 5.6 | 5.1 | 5.2 | 5.4 | 4.9 | 5.1 | 5.6 |
| J34-99 | 6.2 | 6.9 | 6.1 | 5.4 | 5.4 | 5.3 | 5.3 | 5.2 | 5.4 | 5.8 | 5.5 | 5.6 | 5.6 |
| J13-152 | 5.7 | 6.2 | 5.9 | 5.4 | 5.5 | 5.4 | 5.4 | 5.2 | 5.5 | 5.7 | 5.4 | 5.6 | 5.5 |
| BARBLUE | 6.1 | 5.7 | 6.4 | 5.9 | 5.8 | 5.8 | 5.3 | 4.8 | 5.2 | 5.5 | 5.5 | 5.4 | 5.5 |
| BA 76-305 | 3.1 | 4.0 | 4.6 | 5.1 | 5.3 | 5.8 | 5.9 | 5.4 | 5.5 | 5.6 | 4.9 | 4.5 | 5.5 |
| TOUCHDOWN | 6.0 | 5.3 | 5.5 | 5.5 | 5.8 | 5.9 | 5.5 | 5.0 | 5.2 | 5.4 | 4.8 | 5.3 | 5.5 |
| 4 ACES (PST-RE-88) | 4.1 | 4.4 | 5.3 | 5.6 | 5.5 | 5.8 | 5.8 | 5.4 | 5.5 | 5.4 | 4.9 | 4.8 | 5.5 |
| BAR VB 1169 | 6.3 | 6.7 | 5.6 | 5.9 | 5.8 | 5.6 | 5.3 | 5.1 | 5.4 | 5.4 | 5.2 | 5.5 | 5.5 |
| RAVEN (BA 78-258) | 3.0 | 3.9 | 4.9 | 5.2 | 5.4 | 5.8 | 5.8 | 5.4 | 5.4 | 5.6 | 4.8 | 4.6 | 5.5 |
| SILVIA | 5.7 | 6.3 | 5.9 | 5.6 | 5.7 | 5.6 | 5.3 | 5.1 | 5.5 | 5.7 | 5.3 | 5.5 | 5.5 |
| BELMONT (798) | 5.2 | 5.4 | 5.2 | 5.3 | 5.8 | 5.8 | 5.5 | 5.1 | 5.4 | 5.5 | 5.3 | 5.1 | 5.5 |
| BARON | 2.7 | 3.4 | 4.5 | 5.1 | 5.4 | 5.8 | 5.8 | 5.4 | 5.5 | 5.5 | 4.8 | 4.0 | 5.5 |
| FORTUNA | 2.9 | 3.8 | 4.8 | 5.3 | 5.4 | 5.9 | 5.9 | 5.4 | 5.5 | 5.5 | 4.8 | 4.1 | 5.5 |
| ABBEY | 3.0 | 3.9 | 4.7 | 5.2 | 5.3 | 5.7 | 5.8 | 5.4 | 5.5 | 5.5 | 4.8 | 4.4 | 5.5 |
| PST-A7-341 | 3.0 | 3.7 | 4.0 | 5.0 | 5.4 | 5.8 | 5.8 | 5.4 | 5.5 | 5.5 | 4.9 | 4.2 | 5.5 |
| HV 125 | 5.0 | 4.7 | 5.0 | 5.5 | 5.9 | 5.7 | 5.3 | 5.0 | 5.2 | 5.4 | 5.2 | 5.1 | 5.5 |
| BARSWEEP | 5.3 | 4.2 | 4.4 | 5.3 | 6.0 | 5.9 | 5.6 | 5.1 | 5.2 | 5.3 | 5.1 | 5.0 | 5.5 |
| SR 2100 | 4.5 | 3.9 | 4.6 | 5.0 | 5.4 | 5.8 | 5.6 | 5.2 | 5.4 | 5.5 | 5.0 | 4.9 | 5.4 |
| PST-A84-928 | 3.2 | 3.9 | 4.4 | 5.0 | 5.3 | 5.8 | 5.6 | 5.4 | 5.4 | 5.4 | 4.8 | 4.3 | 5.4 |
| NASSAU | 5.6 | 6.2 | 5.8 | 5.3 | 5.4 | 5.5 | 5.4 | 5.1 | 5.4 | 5.5 | 5.0 | 5.3 | 5.4 |
| AMPELLIA | 5.6 | 5.8 | 5.4 | 5.3 | 5.8 | 5.7 | 5.3 | 4.7 | 5.1 | 5.4 | 5.1 | 5.1 | 5.4 |
| EVB 13.863 | 4.1 | 3.9 | 4.6 | 5.1 | 5.4 | 5.7 | 5.6 | 5.3 | 5.5 | 5.5 | 4.5 | 4.6 | 5.4 |
| OPAL | 4.5 | 3.7 | 4.6 | 5.6 | 5.8 | 5.8 | 5.4 | 5.0 | 5.3 | 5.1 | 4.7 | 4.5 | 5.4 |
| NOTTINGHAM (BA 77-700) | 2.9 | 3.8 | 4.6 | 5.0 | 5.4 | 5.7 | 5.7 | 5.4 | 5.5 | 5.5 | 4.8 | 4.1 | 5.4 |

TABLE 2.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR EACH
MONTH GROWN UNDER HIGH MAINTENANCE AT TWENTY-ONE LOCATIONS IN THE U.S.
1991-1995 DATA

| NAME | TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS | | | | | | | | | | | | |
|------------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | MEAN |
| MONOPOLY | 5.5 | 4.8 | 5.2 | 5.7 | 5.3 | 5.4 | 5.3 | 5.4 | 5.4 | 5.5 | 5.0 | 5.6 | 5.4 |
| CANNON (BA 73-381) | 2.6 | 3.6 | 4.5 | 5.0 | 5.3 | 5.6 | 5.7 | 5.4 | 5.5 | 5.5 | 4.8 | 4.3 | 5.4 |
| KELLY | 3.4 | 3.7 | 4.4 | 5.0 | 5.3 | 5.7 | 5.7 | 5.3 | 5.5 | 5.5 | 4.7 | 4.2 | 5.4 |
| MARQUIS | 2.8 | 3.5 | 4.4 | 5.0 | 5.2 | 5.7 | 5.8 | 5.3 | 5.5 | 5.4 | 4.7 | 4.1 | 5.4 |
| MIRANDA | 3.7 | 3.3 | 4.0 | 5.0 | 5.8 | 5.9 | 5.5 | 5.1 | 5.2 | 5.0 | 4.8 | 4.1 | 5.4 |
| VIVA (BA 73-366) | 3.3 | 4.4 | 4.8 | 5.1 | 5.2 | 5.6 | 5.7 | 5.4 | 5.5 | 5.5 | 4.8 | 4.4 | 5.4 |
| J-386 | 5.5 | 5.5 | 5.0 | 5.1 | 5.2 | 5.5 | 5.6 | 5.4 | 5.4 | 5.3 | 4.9 | 5.0 | 5.4 |
| GNOME | 2.9 | 3.1 | 4.4 | 5.0 | 5.2 | 5.6 | 5.7 | 5.4 | 5.5 | 5.5 | 4.6 | 3.9 | 5.4 |
| BA 73-382 | 2.8 | 3.4 | 4.3 | 4.8 | 5.1 | 5.6 | 5.7 | 5.3 | 5.5 | 5.4 | 4.8 | 4.0 | 5.4 |
| MIRACLE | 4.9 | 4.9 | 4.9 | 5.0 | 5.3 | 5.6 | 5.4 | 4.9 | 5.1 | 5.2 | 5.1 | 4.7 | 5.4 |
| DESTINY | 5.4 | 5.7 | 5.7 | 5.3 | 5.4 | 5.5 | 5.3 | 5.1 | 5.2 | 5.4 | 4.9 | 5.1 | 5.4 |
| MERIT | 3.2 | 3.9 | 4.7 | 5.0 | 5.2 | 5.6 | 5.6 | 5.3 | 5.3 | 5.4 | 4.7 | 3.9 | 5.4 |
| CREST | 2.8 | 3.7 | 4.5 | 5.0 | 5.2 | 5.7 | 5.7 | 5.4 | 5.5 | 5.5 | 4.8 | 4.0 | 5.3 |
| R751A | 3.0 | 3.5 | 4.2 | 5.0 | 5.3 | 5.5 | 5.6 | 5.2 | 5.5 | 5.5 | 4.7 | 4.1 | 5.3 |
| BROADWAY | 5.8 | 4.6 | 4.5 | 5.2 | 6.1 | 6.0 | 5.1 | 4.4 | 4.8 | 5.1 | 5.2 | 5.5 | 5.3 |
| PST-R-740 | 2.9 | 3.4 | 4.3 | 5.0 | 5.3 | 5.4 | 5.5 | 5.3 | 5.4 | 5.4 | 4.7 | 3.9 | 5.3 |
| MELBA | 4.7 | 4.1 | 4.6 | 4.8 | 5.5 | 5.8 | 5.4 | 4.8 | 5.1 | 5.1 | 4.8 | 4.3 | 5.3 |
| BUCKINGHAM (BA 74-114) | 4.9 | 5.3 | 5.2 | 5.2 | 5.5 | 5.4 | 5.2 | 4.9 | 5.0 | 5.3 | 5.2 | 5.0 | 5.3 |
| TRAMPAS | 4.7 | 4.7 | 4.3 | 5.0 | 5.7 | 5.6 | 5.2 | 4.8 | 5.0 | 5.1 | 4.7 | 4.5 | 5.3 |
| NE 80-47 | 4.4 | 4.7 | 5.1 | 5.1 | 5.2 | 5.3 | 5.1 | 4.8 | 5.3 | 5.6 | 4.9 | 5.0 | 5.3 |
| NOBLESSE | 4.1 | 4.3 | 4.6 | 5.2 | 5.6 | 5.7 | 5.2 | 4.6 | 4.9 | 4.9 | 4.7 | 4.3 | 5.2 |
| BARMAX (BAR VB 7037) | 3.2 | 3.8 | 4.7 | 5.4 | 5.5 | 5.4 | 5.2 | 5.0 | 5.2 | 5.1 | 4.3 | 3.9 | 5.2 |
| BARZAN | 4.8 | 4.5 | 3.9 | 4.2 | 4.8 | 5.3 | 5.4 | 5.2 | 5.3 | 5.3 | 5.4 | 4.7 | 5.2 |
| PST-HV-116 | 4.6 | 5.0 | 4.5 | 4.9 | 5.4 | 5.4 | 5.2 | 4.7 | 5.0 | 5.0 | 4.8 | 4.6 | 5.2 |
| BA 77-292 | 2.8 | 3.3 | 4.6 | 4.9 | 5.0 | 5.2 | 5.2 | 4.9 | 4.9 | 4.8 | 4.0 | 3.6 | 5.0 |
| BLUE STAR (PST-B8-13) | 2.9 | 3.5 | 4.0 | 4.9 | 4.9 | 5.2 | 5.2 | 4.8 | 5.0 | 5.0 | 4.5 | 3.9 | 5.0 |
| CHELSEA | 4.7 | 4.3 | 3.7 | 4.7 | 5.1 | 5.2 | 5.0 | 4.4 | 4.7 | 4.5 | 4.2 | 4.3 | 4.9 |
| KWS PP 13-2 | 4.4 | 4.2 | 4.1 | 4.7 | 4.8 | 5.0 | 5.0 | 4.5 | 4.7 | 4.7 | 4.4 | 4.2 | 4.8 |
| MERION | 3.5 | 4.5 | 4.4 | 4.8 | 5.0 | 5.2 | 5.1 | 4.8 | 4.7 | 4.4 | 3.8 | 4.1 | 4.8 |
| DONNA | 3.5 | 3.5 | 4.0 | 4.6 | 5.0 | 4.9 | 4.9 | 4.4 | 4.7 | 4.5 | 4.1 | 3.7 | 4.8 |
| RONDE | 2.6 | 3.2 | 3.8 | 4.3 | 4.4 | 4.7 | 4.9 | 4.8 | 5.0 | 4.8 | 4.0 | 3.8 | 4.7 |
| KENBLUE | 2.3 | 2.8 | 3.6 | 3.8 | 3.9 | 4.2 | 4.6 | 4.8 | 5.0 | 4.9 | 4.1 | 3.8 | 4.5 |
| GREENLEY | 2.6 | 3.3 | 4.0 | 4.2 | 3.9 | 4.3 | 4.6 | 4.5 | 4.7 | 4.6 | 4.0 | 3.4 | 4.4 |
| SOUTH DAKOTA CERT. | 2.3 | 2.6 | 3.6 | 3.7 | 3.7 | 4.0 | 4.4 | 4.5 | 4.7 | 4.7 | 3.9 | 3.5 | 4.3 |
| GINGER | 2.4 | 2.9 | 4.1 | 3.7 | 3.7 | 4.0 | 4.1 | 3.7 | 3.9 | 4.0 | 3.4 | 3.1 | 4.0 |
| LSD VALUE | 0.8 | 0.9 | 0.6 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.4 | 0.7 | 0.2 |

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).

TABLE 3.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER HIGH MAINTENANCE AT TWENTY-ONE LOCATIONS IN THE U.S.
1991-1995 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING 2/

| NAME | CO1 | IA1 | ID2 | IL1 | IL2 | KY1 | MD1 | MI1 | NE1 | NJ1 | NJ2 | NJ3 | OH2 | ON1 | OR2 | OR9 | RI1 | UB1 | VA1 | VA2 | WA1 | MEAN |
|-------------------------|-------|-------|-------|------|-----|-------|-------|-------|-------|-----|------|-------|-------|-------|-------|-------|-------|-----|-----|-------|-------|------|
| MIDNIGHT | 25.0 | 1.0 | 4.0 | 54.0 | 19 | 1.0 | 9.0 | 51.5 | 38.0 | 3 | 1.0 | 1.0 | 32.0 | 88.0 | 108.0 | 4.0 | 19.0 | 3 | 33 | 39.0 | 54.0 | 1 |
| BLACKSBURG | 3.0 | 2.0 | 7.0 | 16.0 | 23 | 26.0 | 19.0 | 99.0 | 48.0 | 2 | 12.0 | 4.0 | 114.5 | 90.5 | 15.0 | 2.0 | 48.0 | 11 | 68 | 50.0 | 112.0 | 2 |
| ASCOT (BA 77-279) | 4.0 | 5.0 | 5.0 | 85.5 | 114 | 29.0 | 44.0 | 27.5 | 8.0 | 18 | 5.0 | 11.0 | 85.5 | 49.5 | 2.0 | 13.0 | 6.0 | 60 | 61 | 46.0 | 19.5 | 3 |
| ECLIPSE | 26.5 | 46.0 | 20.0 | 21.0 | 71 | 2.0 | 21.0 | 27.5 | 25.0 | 7 | 7.0 | 10.0 | 62.5 | 78.0 | 87.0 | 42.0 | 2.0 | 5 | 8 | 45.0 | 31.0 | 4 |
| UNIQUE (PST-C-76) | 23.0 | 26.0 | 77.0 | 52.0 | 46 | 7.5 | 81.0 | 55.5 | 9.5 | 23 | 8.0 | 2.0 | 49.5 | 15.5 | 16.0 | 18.0 | 9.0 | 28 | 71 | 35.0 | 73.5 | 5 |
| APEX (SUMMIT) | 6.0 | 7.0 | 1.0 | 3.0 | 99 | 81.5 | 4.0 | 78.5 | 2.0 | 85 | 11.0 | 15.0 | 119.0 | 32.0 | 1.0 | 1.0 | 89.5 | 32 | 96 | 124.0 | 19.5 | 6 |
| GLADE | 20.0 | 14.0 | 12.0 | 23.0 | 3 | 3.0 | 35.0 | 22.0 | 11.5 | 77 | 35.0 | 86.0 | 19.0 | 1.0 | 74.0 | 92.0 | 16.0 | 15 | 110 | 31.0 | 32.0 | 7 |
| PREAKNESS (602) | 35.5 | 9.0 | 37.0 | 11.0 | 5 | 11.5 | 3.0 | 44.5 | 29.0 | 9 | 31.0 | 21.0 | 49.5 | 99.5 | 118.0 | 48.0 | 13.0 | 9 | 1 | 37.0 | 109.0 | 8 |
| RITA (PST-UD-10) | 40.0 | 43.0 | 54.0 | 28.0 | 38 | 7.5 | 83.5 | 65.5 | 58.5 | 1 | 4.0 | 33.0 | 75.0 | 95.0 | 95.0 | 23.0 | 3.0 | 56 | 17 | 6.0 | 49.5 | 9 |
| PST-0514 | 30.5 | 17.0 | 18.0 | 46.0 | 73 | 9.0 | 63.0 | 44.5 | 15.0 | 42 | 13.0 | 16.0 | 11.0 | 63.5 | 10.0 | 10.0 | 58.0 | 31 | 112 | 36.0 | 82.0 | 10 |
| ALPINE | 11.0 | 81.0 | 8.0 | 13.0 | 121 | 70.0 | 101.0 | 14.5 | 42.0 | 69 | 26.0 | 12.0 | 32.0 | 2.0 | 17.0 | 31.0 | 57.0 | 24 | 26 | 84.5 | 46.5 | 11 |
| PRINCETON 104 | 1.0 | 87.0 | 21.0 | 2.0 | 85 | 6.0 | 52.0 | 72.0 | 100.0 | 8 | 6.0 | 23.5 | 19.0 | 104.0 | 93.0 | 8.0 | 63.0 | 92 | 4 | 104.0 | 87.0 | 12 |
| PST-A7-1877 | 22.0 | 4.0 | 44.0 | 27.0 | 16 | 79.5 | 11.0 | 80.0 | 7.0 | 71 | 58.0 | 88.0 | 1.0 | 49.5 | 5.0 | 49.0 | 69.0 | 20 | 25 | 47.0 | 28.5 | 13 |
| SR 2000 | 94.0 | 21.0 | 40.0 | 20.0 | 7 | 17.0 | 25.0 | 17.5 | 73.5 | 4 | 9.0 | 27.0 | 75.0 | 78.0 | 100.0 | 93.5 | 1.0 | 51 | 107 | 1.0 | 98.5 | 14 |
| PST-1DW | 19.0 | 55.0 | 2.0 | 8.0 | 53 | 90.0 | 38.0 | 65.5 | 9.5 | 80 | 21.0 | 5.0 | 49.5 | 110.5 | 9.0 | 5.0 | 104.0 | 53 | 94 | 92.0 | 103.0 | 15 |
| LIMOUSINE | 28.0 | 24.0 | 10.0 | 15.0 | 67 | 113.0 | 24.0 | 89.0 | 1.0 | 47 | 44.0 | 3.0 | 39.5 | 122.0 | 41.0 | 7.0 | 118.0 | 4 | 7 | 99.0 | 23.0 | 16 |
| ALLURE (BA 73-540) | 49.0 | 25.0 | 51.5 | 10.0 | 9 | 71.5 | 14.0 | 34.0 | 55.5 | 63 | 79.0 | 56.0 | 8.0 | 95.0 | 4.0 | 33.0 | 89.5 | 26 | 81 | 2.0 | 51.0 | 17 |
| OPTI-GREEN (PST-B8-106) | 33.0 | 8.0 | 23.0 | 32.0 | 6 | 93.0 | 17.0 | 89.0 | 15.0 | 62 | 53.5 | 92.0 | 75.0 | 74.0 | 8.0 | 18.0 | 64.0 | 35 | 27 | 21.0 | 55.0 | 18 |
| WASHINGTON | 80.0 | 62.5 | 29.0 | 9.0 | 94 | 39.0 | 74.0 | 58.0 | 17.0 | 48 | 50.0 | 7.0 | 49.5 | 23.0 | 21.0 | 14.0 | 42.0 | 79 | 11 | 103.0 | 25.0 | 19 |
| ABLE I | 102.0 | 15.0 | 15.0 | 45.0 | 65 | 14.0 | 77.5 | 78.5 | 66.5 | 25 | 18.0 | 13.0 | 19.0 | 83.5 | 18.0 | 22.0 | 4.0 | 87 | 23 | 107.0 | 77.5 | 20 |
| BAR VB 852 | 84.0 | 50.5 | 96.0 | 5.0 | 1 | 44.0 | 98.0 | 43.0 | 6.0 | 24 | 61.0 | 76.0 | 5.0 | 113.0 | 58.0 | 56.0 | 46.0 | 25 | 13 | 22.0 | 64.0 | 21 |
| SHAMROCK (H86-712) | 17.0 | 52.0 | 46.0 | 4.0 | 22 | 87.0 | 85.0 | 94.0 | 110.0 | 6 | 34.0 | 68.0 | 96.0 | 55.5 | 67.0 | 39.5 | 14.0 | 41 | 9 | 5.0 | 21.5 | 22 |
| FAIRFAX (BA 69-82) | 34.0 | 34.0 | 53.0 | 18.0 | 11 | 68.0 | 27.0 | 61.0 | 13.0 | 54 | 74.0 | 97.0 | 62.5 | 44.5 | 14.0 | 43.0 | 33.0 | 18 | 44 | 10.0 | 89.5 | 23 |
| ASPEN | 73.0 | 28.0 | 56.0 | 34.0 | 13 | 4.0 | 16.0 | 41.5 | 63.0 | 10 | 10.0 | 43.0 | 96.0 | 55.5 | 76.0 | 103.0 | 79.0 | 58 | 14 | 19.0 | 58.0 | 24 |
| PSU-151 | 15.0 | 40.0 | 61.0 | 7.0 | 8 | 47.5 | 72.0 | 50.0 | 34.0 | 31 | 20.0 | 49.0 | 49.5 | 39.0 | 53.0 | 71.5 | 75.0 | 72 | 48 | 65.0 | 72.0 | 25 |
| COVENTRY | 38.5 | 45.0 | 32.0 | 14.0 | 26 | 75.5 | 10.0 | 105.5 | 55.5 | 56 | 64.0 | 72.0 | 32.0 | 83.5 | 19.0 | 51.0 | 59.0 | 17 | 69 | 17.0 | 13.0 | 26 |
| BA 70-131 | 96.0 | 10.0 | 49.0 | 19.0 | 43 | 83.5 | 5.0 | 51.5 | 73.5 | 65 | 73.0 | 106.0 | 3.0 | 19.5 | 22.0 | 47.0 | 72.0 | 29 | 52 | 15.0 | 4.0 | 27 |
| JULIA | 42.0 | 27.0 | 48.0 | 35.0 | 61 | 104.0 | 69.0 | 97.5 | 15.0 | 22 | 22.5 | 60.0 | 49.5 | 44.5 | 26.0 | 30.0 | 73.0 | 19 | 77 | 48.0 | 18.0 | 28 |
| EAGLETON | 70.0 | 13.0 | 58.0 | 1.0 | 2 | 22.0 | 58.0 | 7.5 | 50.5 | 64 | 78.0 | 57.0 | 96.0 | 7.0 | 52.0 | 119.0 | 10.0 | 37 | 98 | 38.0 | 111.0 | 29 |
| 1757 | 93.0 | 100.0 | 50.0 | 87.0 | 14 | 11.5 | 77.5 | 27.5 | 34.0 | 20 | 27.0 | 39.5 | 32.0 | 118.5 | 57.0 | 25.0 | 37.0 | 88 | 2 | 69.0 | 43.0 | 30 |
| ESTATE | 74.5 | 11.0 | 63.0 | 30.0 | 68 | 94.5 | 1.0 | 110.0 | 92.5 | 57 | 63.0 | 73.5 | 8.0 | 83.5 | 11.0 | 21.0 | 38.0 | 59 | 35 | 18.0 | 59.0 | 31 |
| DAWN | 65.0 | 41.0 | 42.0 | 67.0 | 50 | 38.0 | 12.0 | 9.5 | 34.0 | 15 | 28.0 | 73.5 | 11.0 | 32.0 | 80.0 | 64.5 | 78.0 | 97 | 86 | 78.0 | 39.0 | 32 |
| TRENTON | 86.0 | 31.0 | 83.0 | 57.0 | 4 | 15.0 | 15.0 | 39.0 | 45.5 | 14 | 29.0 | 41.0 | 62.5 | 23.0 | 66.0 | 66.0 | 101.0 | 93 | 59 | 74.0 | 67.0 | 33 |
| BANFF | 24.0 | 104.0 | 88.0 | 62.0 | 55 | 31.5 | 8.0 | 11.5 | 66.5 | 16 | 30.0 | 44.5 | 39.5 | 7.0 | 83.0 | 64.5 | 88.0 | 114 | 12 | 88.0 | 30.0 | 34 |
| EVA (WW AG 508) | 48.0 | 71.0 | 3.0 | 63.0 | 125 | 65.0 | 55.0 | 82.0 | 45.5 | 94 | 59.0 | 25.0 | 19.0 | 58.5 | 25.0 | 16.0 | 20.0 | 1 | 80 | 118.0 | 35.5 | 35 |
| BARTITIA | 12.0 | 108.0 | 57.0 | 50.0 | 107 | 108.0 | 91.0 | 100.0 | 20.5 | 58 | 14.0 | 37.0 | 19.0 | 63.5 | 3.0 | 3.0 | 26.0 | 16 | 76 | 116.0 | 93.5 | 36 |
| NUSTAR | 67.0 | 47.0 | 27.0 | 41.0 | 15 | 58.5 | 22.0 | 75.0 | 50.5 | 27 | 32.0 | 52.0 | 109.0 | 104.0 | 78.0 | 84.5 | 7.0 | 38 | 21 | 61.0 | 41.0 | 37 |
| PST-UD-12 | 87.0 | 73.0 | 79.0 | 79.0 | 51 | 55.0 | 2.0 | 111.5 | 25.0 | 41 | 77.0 | 55.0 | 5.0 | 23.0 | 33.0 | 32.0 | 92.0 | 64 | 85 | 49.0 | 9.0 | 38 |
| BARCELONA (BAR VB 1184) | 14.0 | 66.0 | 24.0 | 82.0 | 95 | 107.0 | 90.0 | 117.5 | 20.5 | 78 | 25.0 | 14.0 | 2.0 | 121.0 | 7.0 | 6.0 | 27.0 | 14 | 50 | 102.0 | 88.0 | 39 |
| RAM-1 | 69.0 | 3.0 | 28.0 | 96.0 | 86 | 96.0 | 49.0 | 69.5 | 90.0 | 61 | 60.0 | 46.0 | 8.0 | 27.5 | 51.0 | 60.0 | 8.0 | 12 | 18 | 24.0 | 16.5 | 40 |
| PLATINI | 7.0 | 59.0 | 81.0 | 44.0 | 103 | 117.5 | 51.0 | 89.0 | 5.0 | 35 | 37.0 | 44.5 | 5.0 | 49.5 | 32.0 | 37.5 | 65.0 | 23 | 87 | 79.0 | 15.0 | 41 |
| CALIBER (J-335) | 32.0 | 94.0 | 31.0 | 12.0 | 66 | 111.0 | 83.5 | 61.0 | 70.5 | 39 | 39.0 | 28.0 | 75.0 | 88.0 | 30.0 | 39.5 | 82.0 | 47 | 56 | 83.0 | 8.0 | 42 |
| BARONIE (BAR VB 985) | 37.0 | 67.0 | 104.0 | 64.0 | 31 | 13.0 | 48.0 | 61.0 | 63.0 | 11 | 43.0 | 17.0 | 49.5 | 44.5 | 82.0 | 68.0 | 43.0 | 98 | 34 | 86.0 | 80.0 | 43 |
| CYNTHIA | 59.5 | 48.0 | 64.0 | 17.0 | 49 | 73.5 | 47.0 | 105.5 | 20.5 | 73 | 68.0 | 8.0 | 19.0 | 49.5 | 44.0 | 29.0 | 102.0 | 10 | 64 | 109.0 | 98.5 | 44 |
| HAGA | 107.0 | 88.0 | 108.0 | 49.0 | 17 | 20.5 | 7.0 | 55.5 | 53.0 | 28 | 38.0 | 58.0 | 19.0 | 39.0 | 56.0 | 62.5 | 36.0 | 82 | 84 | 76.0 | 26.5 | 45 |

TABLE 3. (CONT'D)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER HIGH MAINTENANCE AT TWENTY-ONE LOCATIONS IN THE U.S.
1991-1995 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING

| NAME | CO1 | IA1 | ID2 | IL1 | IL2 | KY1 | MD1 | MI1 | NE1 | NJ1 | NJ2 | NJ3 | OH2 | ON1 | OR2 | OR9 | RI1 | UB1 | VA1 | VA2 | WA1 | MEAN |
|--------------------|-------|-------|-------|-------|-----|-------|-------|-------|-------|-----|-------|-------|-------|-------|-------|-------|-------|-----|-----|-------|-------|------|
| PST-A84-803 | 9.5 | 49.0 | 111.0 | 94.0 | 74 | 19.0 | 36.0 | 16.0 | 97.0 | 45 | 15.0 | 22.0 | 39.5 | 7.0 | 75.0 | 20.0 | 67.0 | 102 | 63 | 71.0 | 62.0 | 46 |
| CARDIFF | 58.0 | 29.0 | 36.0 | 60.0 | 117 | 63.0 | 113.0 | 27.5 | 92.5 | 17 | 2.0 | 32.0 | 49.5 | 78.0 | 29.0 | 73.5 | 61.0 | 7 | 97 | 81.0 | 114.0 | 47 |
| LIVINGSTON | 74.5 | 36.0 | 91.0 | 36.0 | 18 | 26.0 | 64.5 | 101.0 | 20.5 | 40 | 70.0 | 63.0 | 32.0 | 52.5 | 99.0 | 87.0 | 28.0 | 84 | 28 | 11.0 | 60.5 | 48 |
| SUFFOLK | 47.0 | 103.0 | 62.0 | 66.0 | 76 | 30.0 | 39.0 | 1.0 | 50.5 | 26 | 41.0 | 48.0 | 32.0 | 12.0 | 84.0 | 80.0 | 49.0 | 115 | 66 | 64.0 | 56.5 | 49 |
| J-333 | 53.0 | 72.0 | 43.0 | 26.0 | 24 | 77.5 | 53.5 | 75.0 | 92.5 | 53 | 49.0 | 30.0 | 62.5 | 83.5 | 49.0 | 18.0 | 105.0 | 55 | 54 | 67.0 | 21.5 | 50 |
| CONNI | 21.0 | 6.0 | 9.0 | 59.0 | 40 | 63.0 | 45.0 | 115.5 | 27.5 | 75 | 82.0 | 18.0 | 19.0 | 99.5 | 50.0 | 34.0 | 76.0 | 22 | 62 | 121.0 | 84.5 | 51 |
| FREEDOM | 110.5 | 39.0 | 60.0 | 74.0 | 80 | 67.0 | 6.0 | 85.5 | 25.0 | 19 | 33.0 | 77.0 | 32.0 | 15.5 | 70.0 | 61.0 | 62.0 | 105 | 16 | 66.0 | 66.0 | 52 |
| CHALLENGER | 44.0 | 38.0 | 17.0 | 106.0 | 79 | 33.0 | . | 89.0 | 55.5 | 60 | 40.0 | 20.0 | 19.0 | 74.0 | 42.5 | 41.0 | 44.0 | 43 | 104 | 33.0 | 75.0 | 53 |
| CLASSIC | 43.0 | 33.0 | 116.0 | 33.0 | 12 | 66.0 | 53.5 | 117.5 | 63.0 | 12 | 17.0 | 50.5 | 62.5 | 15.5 | 101.0 | 67.0 | 40.0 | 96 | 38 | 84.5 | 46.5 | 54 |
| GEORGETOWN | 71.0 | 82.0 | 89.0 | 75.0 | 34 | 36.0 | 31.0 | 92.0 | 42.0 | 21 | 22.5 | 38.0 | 62.5 | 39.0 | 96.0 | 58.0 | 32.0 | 104 | 49 | 87.0 | 16.5 | 55 |
| PST-C-224 | 66.0 | 18.0 | 102.0 | 24.0 | 92 | 94.5 | . | 47.0 | 31.0 | 50 | 85.0 | 67.0 | 39.5 | 113.0 | 6.0 | 26.0 | 77.0 | 21 | 72 | 34.0 | 26.5 | 56 |
| INDIGO | 68.0 | 42.0 | 74.0 | 109.0 | 63 | 5.0 | 92.0 | 63.0 | 77.5 | 13 | 16.0 | 19.0 | 32.0 | 63.5 | 102.0 | 83.0 | 71.0 | 73 | 51 | 80.0 | 83.0 | 57 |
| A-34 | 90.0 | 30.0 | 110.0 | 29.0 | 21 | 79.5 | 37.0 | 114.0 | 11.5 | 37 | 65.0 | 70.0 | 19.0 | 63.5 | 47.0 | 52.0 | 21.0 | 67 | 24 | 93.0 | 120.0 | 58 |
| EVB 13.703 | 106.0 | 54.0 | 45.0 | 38.0 | 120 | 102.5 | 119.0 | 34.0 | 34.0 | 29 | 3.0 | 23.5 | 85.5 | 95.0 | 31.0 | 35.0 | 96.0 | 6 | 83 | 97.0 | 110.0 | 59 |
| NUBLUE (J-229) | 51.0 | 56.0 | 39.0 | 31.0 | 27 | 58.5 | 56.5 | 13.0 | 40.0 | 76 | 46.0 | 64.0 | 11.0 | 39.0 | 92.0 | 59.0 | 111.0 | 90 | 108 | 94.0 | 28.5 | 60 |
| WW AG 505 | 2.0 | 20.0 | 16.0 | 25.0 | 109 | 87.0 | 88.0 | 77.0 | 73.5 | 96 | 36.0 | 9.0 | 49.5 | 104.0 | 107.0 | 24.0 | 98.0 | 2 | 95 | 112.0 | 33.5 | 61 |
| PENNPRO (PR-1) | 9.5 | 12.0 | 22.0 | 80.0 | 70 | 46.0 | . | 72.0 | 38.0 | 68 | 53.5 | 61.0 | 62.5 | 10.0 | 119.0 | 50.0 | 123.0 | 27 | 15 | 111.0 | 7.0 | 62 |
| J11-94 | 91.0 | 75.0 | 78.0 | 68.0 | 29 | 40.0 | 80.0 | 40.0 | 79.5 | 34 | 56.0 | 71.0 | 39.5 | 32.0 | 61.0 | 54.0 | 80.0 | 111 | 20 | 90.0 | 76.0 | 63 |
| LIBERTY | 50.0 | 76.0 | 75.0 | 61.0 | 64 | 61.0 | 50.0 | 121.0 | 66.5 | 49 | 24.0 | 82.0 | 62.5 | 39.0 | 39.0 | 82.0 | 55.0 | 85 | 32 | 105.0 | 35.5 | 64 |
| TOUCHDOWN | 16.0 | 89.0 | 66.0 | 58.0 | 59 | 60.0 | 23.0 | 23.0 | 79.5 | 72 | 47.0 | 39.5 | 75.0 | 11.0 | 121.0 | 55.0 | 108.0 | 39 | 47 | 68.0 | 10.0 | 65 |
| J34-99 | 92.0 | 68.0 | 35.0 | 72.0 | 42 | 54.0 | 33.0 | 53.0 | 45.5 | 43 | 67.0 | 65.0 | 75.0 | 3.0 | 65.0 | 98.0 | 106.0 | 99 | 116 | 55.0 | 44.0 | 66 |
| BAR VB 1169 | 45.0 | 62.5 | 55.0 | 51.0 | 119 | 123.0 | 46.0 | 89.0 | 20.5 | 32 | 19.0 | 35.0 | 85.5 | 58.5 | 38.0 | 15.0 | 87.0 | 74 | 89 | 100.0 | 42.0 | 67 |
| PST-A84-405 | 26.5 | 37.0 | 70.0 | 78.0 | 39 | 23.5 | 107.0 | 69.5 | 97.0 | 51 | 42.0 | 89.0 | 62.5 | 70.0 | 73.0 | 88.0 | 12.0 | 66 | 65 | 60.0 | 95.5 | 68 |
| MINSTREL | 46.0 | 80.0 | 30.0 | 83.0 | 89 | 50.0 | 97.0 | 82.0 | 45.5 | 79 | 75.0 | 34.0 | 49.5 | 95.0 | 59.0 | 9.0 | 35.0 | 13 | 106 | 57.0 | 89.5 | 69 |
| BA 76-305 | 83.0 | 111.0 | 76.0 | 40.0 | 10 | 41.5 | 95.0 | 36.0 | 111.5 | 99 | 90.0 | 87.0 | 26.5 | 52.5 | 48.0 | 99.5 | 39.0 | 68 | 29 | 25.0 | 1.0 | 70 |
| J13-152 | 52.0 | 32.0 | 86.0 | 69.0 | 62 | 51.0 | 30.0 | 32.0 | 55.5 | 44 | 48.0 | 66.0 | 107.0 | 27.5 | 86.0 | 93.5 | 97.0 | 95 | 82 | 82.0 | 37.5 | 71 |
| COBALT | 97.5 | 50.5 | 41.0 | 88.0 | 30 | 81.5 | 68.0 | 37.5 | 73.5 | 30 | 45.0 | 102.0 | 62.5 | 70.0 | 69.0 | 77.0 | 95.0 | 103 | 79 | 9.0 | 69.5 | 72 |
| 4 ACES (PST-RE-88) | 76.0 | 65.0 | 68.0 | 56.0 | 75 | 52.5 | 112.0 | 72.0 | 34.0 | 70 | 81.0 | 99.0 | 75.0 | 23.0 | 45.0 | 86.0 | 83.0 | 52 | 55 | 7.0 | 93.5 | 73 |
| RAVEN (BA 78-258) | 38.5 | 83.0 | 67.0 | 47.0 | 41 | 63.0 | 87.0 | 97.5 | 100.0 | 82 | 101.0 | 62.0 | 26.5 | 32.0 | 36.0 | 96.0 | 25.0 | 63 | 88 | 41.0 | 45.0 | 74 |
| SILVIA | 108.0 | 60.0 | 112.0 | 97.0 | 32 | 87.0 | 96.0 | 59.0 | 38.0 | 38 | 66.0 | 42.0 | 75.0 | 39.0 | 55.0 | 53.0 | 53.0 | 57 | 41 | 77.0 | 92.0 | 75 |
| BARON | 119.0 | 70.0 | 69.0 | 77.0 | 108 | 35.0 | 29.0 | 4.0 | 84.0 | 105 | 95.0 | 85.0 | 19.0 | 47.0 | 46.0 | 97.0 | 22.0 | 49 | 3 | 16.0 | 49.5 | 76 |
| BARBLUE | 59.5 | 110.0 | 38.0 | 55.0 | 36 | 75.5 | 89.0 | 82.0 | 60.0 | 5 | 76.0 | 31.0 | 114.5 | 116.5 | 89.0 | 45.0 | 117.0 | 118 | 58 | 101.0 | 14.0 | 77 |
| BARSWEEP | 35.5 | 92.0 | 103.0 | 103.0 | 98 | 120.0 | 13.0 | 122.0 | 3.0 | 36 | 51.0 | 6.0 | 32.0 | 81.0 | 97.0 | 46.0 | 34.0 | 8 | 93 | 117.0 | 68.0 | 78 |
| PST-A7-341 | 63.0 | 57.0 | 84.0 | 105.0 | 77 | 73.5 | 94.0 | 20.5 | 42.0 | 111 | 99.0 | 96.0 | 75.0 | 63.5 | 24.0 | 75.0 | 68.0 | 33 | 43 | 28.0 | 52.0 | 79 |
| EVB 13.863 | 30.5 | 85.0 | 99.0 | 90.0 | 37 | 83.5 | 79.0 | 75.0 | 76.0 | 93 | 88.0 | 26.0 | 49.5 | 74.0 | 37.0 | 57.0 | 116.0 | 107 | 45 | 96.0 | 2.0 | 80 |
| OPAL | 56.0 | 93.0 | 92.0 | 100.0 | 28 | 116.0 | 99.0 | 111.5 | 4.0 | 33 | 80.0 | 69.0 | 19.0 | 15.5 | 120.0 | 115.0 | 56.0 | 40 | 91 | 91.0 | 3.0 | 81 |
| SR 2100 | 18.0 | 74.0 | 59.0 | 37.0 | 54 | 85.0 | 56.5 | 105.5 | 61.0 | 81 | 92.0 | 108.0 | 111.0 | 35.0 | 103.0 | 109.0 | 81.0 | 81 | 5 | 43.0 | 40.0 | 82 |
| FORTUNA | 114.0 | 86.0 | 82.0 | 70.0 | 82 | 10.0 | 60.0 | 94.0 | 104.5 | 83 | 86.0 | 50.5 | 85.5 | 74.0 | 62.0 | 78.0 | 31.0 | 62 | 37 | 8.0 | 84.5 | 83 |
| ABBEY | 105.0 | 107.0 | 80.0 | 114.0 | 44 | 16.0 | 18.0 | 11.5 | 102.0 | 91 | 83.0 | 98.0 | 96.0 | 39.0 | 94.0 | 110.5 | 41.0 | 46 | 36 | 27.0 | 12.0 | 84 |
| BELMONT (798) | 82.0 | 19.0 | 95.0 | 89.0 | 72 | 56.0 | 62.0 | 9.5 | 86.0 | 59 | 52.0 | 94.0 | 111.0 | 123.5 | 71.0 | 62.5 | 11.0 | 80 | 117 | 51.0 | 37.5 | 85 |
| MIRANDA | 29.0 | 64.0 | 6.0 | 91.0 | 78 | 57.0 | 118.0 | 108.0 | 27.5 | 98 | 84.0 | 29.0 | 75.0 | 27.5 | 116.0 | 70.0 | 50.0 | 89 | 103 | 123.0 | 6.0 | 86 |
| CANNON (BA 73-381) | 77.0 | 115.0 | 87.0 | 76.0 | 47 | 41.5 | 32.0 | 24.0 | 107.5 | 90 | 96.0 | 110.0 | 85.5 | 7.0 | 64.0 | 112.0 | 47.0 | 54 | 31 | 20.0 | 81.0 | 87 |
| NASSAU | 79.0 | 78.5 | 93.0 | 122.0 | 83 | 26.0 | 105.0 | 20.5 | 92.5 | 55 | 62.0 | 93.0 | 96.0 | 15.5 | 54.0 | 79.0 | 85.0 | 120 | 60 | 75.0 | 53.0 | 88 |
| MONOPOLY | 118.0 | 109.0 | 120.0 | 6.0 | 20 | 52.5 | 71.0 | 46.0 | 88.5 | 46 | 72.0 | 109.0 | 19.0 | 86.0 | 104.0 | 91.0 | 94.0 | 106 | 10 | 89.0 | 115.5 | 89 |
| HV 125 | 41.0 | 44.0 | 72.0 | 112.0 | 112 | 71.5 | 93.0 | 19.0 | 117.0 | 66 | 71.0 | 90.0 | 62.5 | 113.0 | 28.0 | 28.0 | 100.0 | 100 | 101 | 53.0 | 101.0 | 90 |

TABLE 3. (CONT'D)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER HIGH MAINTENANCE AT TWENTY-ONE LOCATIONS IN THE U.S.
1991-1995 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING

| NAME | CO1 | IA1 | ID2 | IL1 | IL2 | KY1 | MD1 | MI1 | NE1 | NJ1 | NJ2 | NJ3 | OH2 | ON1 | OR2 | OR9 | RI1 | UB1 | VA1 | VA2 | WA1 | MEAN |
|------------------------|-------|-------|-------|-------|-----|-------|-------|-------|-------|-----|-------|-------|-------|-------|-------|-------|-------|-----|-----|-------|-------|------|
| KELLY | 95.0 | 35.0 | 85.0 | 71.0 | 84 | 23.5 | 34.0 | 5.0 | 77.5 | 95 | 105.0 | 113.0 | 62.5 | 44.5 | 77.0 | 95.0 | 99.0 | 48 | 53 | 12.0 | 106.0 | 91 |
| AMPELLIA | 85.0 | 53.0 | 26.0 | 43.0 | 100 | 47.5 | 43.0 | 6.0 | 104.5 | 87 | 106.0 | 59.0 | 96.0 | 108.0 | 110.0 | 27.0 | 86.0 | 75 | 102 | 54.0 | 63.0 | 92 |
| PST-A84-928 | 72.0 | 69.0 | 34.0 | 116.0 | 25 | 34.0 | 64.5 | 2.0 | 95.0 | 109 | 104.0 | 95.0 | 96.0 | 55.5 | 98.0 | 99.5 | 52.0 | 50 | 67 | 13.0 | 113.0 | 93 |
| VIVA (BA 73-366) | 88.0 | 61.0 | 105.0 | 93.0 | 87 | 31.5 | 86.0 | 48.5 | 86.0 | 89 | 107.0 | 107.0 | 104.0 | 15.5 | 90.0 | 71.5 | 23.0 | 65 | 57 | 4.0 | 24.0 | 94 |
| NOTTINGHAM (BA 77-700) | 64.0 | 91.0 | 115.0 | 84.0 | 33 | 18.0 | 28.0 | 68.0 | 117.0 | 92 | 94.0 | 103.0 | 85.5 | 27.5 | 85.0 | 101.0 | 18.0 | 44 | 78 | 23.0 | 77.5 | 95 |
| MIRACLE | 13.0 | 16.0 | 14.0 | 110.0 | 124 | 99.0 | 104.0 | 34.0 | 119.0 | 115 | 115.0 | 47.0 | 96.0 | 23.0 | 20.0 | 12.0 | 29.0 | 83 | 39 | 120.0 | 79.0 | 96 |
| GNOME | 100.0 | 77.0 | 98.0 | 104.0 | 48 | 44.0 | 75.0 | 3.0 | 50.5 | 104 | 109.0 | 81.0 | 49.5 | 70.0 | 105.0 | 102.0 | 45.0 | 42 | 42 | 29.0 | 102.0 | 97 |
| J-386 | 109.0 | 102.0 | 47.0 | 22.0 | 69 | 91.5 | 116.0 | 54.0 | 70.5 | 67 | 87.0 | 111.0 | 85.5 | 80.0 | 117.0 | 107.0 | 93.0 | 36 | 40 | 70.0 | 65.0 | 98 |
| MARQUIS | 55.0 | 112.0 | 71.0 | 99.0 | 60 | 37.0 | 20.0 | 85.5 | 104.5 | 103 | 97.0 | 91.0 | 96.0 | 104.0 | 34.0 | 114.0 | 51.0 | 78 | 70 | 3.0 | 105.0 | 99 |
| BA 73-382 | 115.0 | 95.0 | 97.0 | 102.0 | 45 | 44.0 | 42.0 | 41.5 | 86.0 | 97 | 112.0 | 116.0 | 49.5 | 19.5 | 81.0 | 117.0 | 5.0 | 76 | 22 | 26.0 | 60.5 | 100 |
| MERIT | 89.0 | 98.0 | 94.0 | 53.0 | 88 | 28.0 | 66.0 | 27.5 | 121.0 | 101 | 110.0 | 105.0 | 85.5 | 95.0 | 109.0 | 84.5 | 24.0 | 70 | 46 | 14.0 | 71.0 | 101 |
| BROADWAY | 5.0 | 118.0 | 51.5 | 39.0 | 118 | 117.5 | 100.0 | 120.0 | 109.0 | 113 | 57.0 | 104.0 | 39.5 | 123.5 | 13.0 | 11.0 | 54.0 | 61 | 111 | 119.0 | 86.0 | 102 |
| CREST | 103.0 | 22.0 | 109.0 | 118.0 | 90 | 20.5 | 73.0 | 65.5 | 88.5 | 100 | 93.0 | 84.0 | 111.0 | 63.5 | 72.0 | 76.0 | 70.0 | 71 | 30 | 42.0 | 108.0 | 103 |
| PST-R-740 | 110.5 | 106.0 | 73.0 | 113.0 | 57 | 97.0 | 61.0 | 102.0 | 58.5 | 86 | 113.0 | 53.5 | 75.0 | 63.5 | 68.0 | 90.0 | 66.0 | 30 | 100 | 56.0 | 48.0 | 104 |
| MELBA | 81.0 | 101.0 | 11.0 | 42.0 | 91 | 100.5 | 67.0 | 124.0 | 66.5 | 114 | 108.0 | 100.0 | 96.0 | 55.5 | 23.0 | 36.0 | 103.0 | 45 | 115 | 125.0 | 100.0 | 105 |
| R751A | 61.0 | 78.5 | 101.0 | 101.0 | 101 | 77.5 | 41.0 | 103.0 | 100.0 | 106 | 100.0 | 80.0 | 107.0 | 95.0 | 60.0 | 81.0 | 15.0 | 34 | 74 | 32.0 | 97.0 | 106 |
| DESTINY | 97.5 | 96.0 | 33.0 | 107.0 | 105 | 49.0 | 102.0 | 65.5 | 114.5 | 52 | 69.0 | 114.0 | 104.0 | 109.0 | 111.0 | 104.0 | 91.0 | 110 | 92 | 52.0 | 33.5 | 107 |
| NE 80-47 | 54.0 | 58.0 | 113.0 | 95.0 | 122 | 105.0 | 70.0 | 105.5 | 20.5 | 74 | 91.0 | 83.0 | 75.0 | 68.0 | 40.0 | 118.0 | 84.0 | 112 | 118 | 58.0 | 5.0 | 108 |
| NOBLESSE | 8.0 | 116.0 | 65.0 | 117.0 | 116 | 110.0 | 109.0 | 94.0 | 120.0 | 107 | 98.0 | 53.5 | 96.0 | 32.0 | 91.0 | 69.0 | 30.0 | 94 | 19 | 98.0 | 11.0 | 109 |
| BUCKINGHAM (BA 74-114) | 113.0 | 119.0 | 25.0 | 124.0 | 102 | 69.0 | 117.0 | 7.5 | 97.0 | 88 | 55.0 | 36.0 | 116.5 | 4.0 | 88.0 | 73.5 | 107.0 | 119 | 99 | 62.0 | 73.5 | 110 |
| BARMAX (BAR VB 7037) | 57.0 | 90.0 | 117.0 | 73.0 | 93 | 119.0 | 40.0 | 119.0 | 83.0 | 84 | 89.0 | 79.0 | 49.5 | 90.5 | 113.0 | 108.0 | 60.0 | 77 | 6 | 40.0 | 56.5 | 111 |
| TRAMPAS | 62.0 | 99.0 | 13.0 | 85.5 | 115 | 102.5 | 76.0 | 27.5 | 69.0 | 108 | 103.0 | 112.0 | 107.0 | 115.0 | 42.5 | 37.5 | 74.0 | 69 | 105 | 122.0 | 121.0 | 112 |
| PST-HV-116 | 78.0 | 84.0 | 106.0 | 81.0 | 56 | 112.0 | 59.0 | 57.0 | 104.5 | 117 | 111.0 | 101.0 | 75.0 | 74.0 | 27.0 | 44.0 | 110.0 | 113 | 75 | 110.0 | 117.0 | 113 |
| BARZAN | 117.0 | 97.0 | 19.0 | 48.0 | 113 | 91.5 | 26.0 | 96.0 | 111.5 | 112 | 102.0 | 119.0 | 104.0 | 116.5 | 12.0 | 106.0 | 17.0 | 121 | 73 | 113.0 | 125.0 | 114 |
| BLUE STAR (PST-B8-13) | 104.0 | 114.0 | 100.0 | 120.0 | 96 | 106.0 | 82.0 | 115.5 | 122.0 | 121 | 119.0 | 75.0 | 116.5 | 104.0 | 63.0 | 89.0 | 113.0 | 101 | 90 | 44.0 | 91.0 | 115 |
| BA 77-292 | 101.0 | 23.0 | 107.0 | 115.0 | 52 | 89.0 | 110.0 | 48.5 | 81.5 | 102 | 117.0 | 118.0 | 96.0 | 88.0 | 114.0 | 120.0 | 120.0 | 108 | 120 | 59.0 | 115.5 | 116 |
| CHELSEA | 116.0 | 105.0 | 114.0 | 119.0 | 81 | 122.0 | 106.0 | 113.0 | 117.0 | 122 | 120.0 | 115.0 | 119.0 | 104.0 | 35.0 | 105.0 | 112.0 | 109 | 109 | 108.0 | 104.0 | 117 |
| MERION | 121.0 | 120.0 | 124.0 | 123.0 | 58 | 100.5 | 122.0 | 17.5 | . | 110 | 114.0 | 117.0 | 113.0 | 7.0 | 106.0 | 116.0 | 124.0 | 117 | 119 | 30.0 | 107.0 | 118 |
| DONNA | 112.0 | 121.0 | 119.0 | 98.0 | 111 | 124.0 | 120.0 | 123.0 | 114.5 | 118 | 116.0 | 78.0 | 96.0 | 63.5 | 123.0 | 110.5 | 122.0 | 91 | 124 | 63.0 | 69.5 | 119 |
| KWS PP 13-2 | 120.0 | 117.0 | 90.0 | 121.0 | 106 | 114.0 | 103.0 | 14.5 | 123.0 | 119 | 118.0 | 121.0 | 124.0 | 118.5 | 79.0 | 113.0 | 109.0 | 116 | 114 | 72.0 | 95.5 | 120 |
| RONDE | 99.0 | 113.0 | 118.0 | 65.0 | 97 | 109.0 | 114.0 | 37.5 | 30.0 | 124 | 121.0 | 123.0 | 119.0 | 104.0 | 115.0 | 121.5 | 115.0 | 86 | 113 | 73.0 | 122.0 | 121 |
| KENBLUE | 124.0 | 124.0 | 125.0 | 92.0 | 35 | 98.0 | 108.0 | 109.0 | 113.0 | 116 | 123.0 | 120.0 | 122.0 | 110.5 | 112.0 | 123.0 | 119.0 | 123 | 121 | 115.0 | 123.0 | 122 |
| GREENLEY | 122.0 | 123.0 | 123.0 | 108.0 | 104 | 121.0 | 115.0 | 31.0 | 81.5 | 123 | 122.0 | 122.0 | 121.0 | 120.0 | 122.0 | 121.5 | 114.0 | 122 | 122 | 95.0 | 119.0 | 123 |
| SOUTH DAKOTA CERT. | 123.0 | 122.0 | 122.0 | 111.0 | 110 | 115.0 | 111.0 | 84.0 | 107.5 | 120 | 124.0 | 124.0 | 125.0 | 95.0 | 124.0 | 124.0 | 121.0 | 124 | 125 | 114.0 | 124.0 | 124 |
| GINGER | 125.0 | 125.0 | 121.0 | 125.0 | 123 | 125.0 | 121.0 | 125.0 | 124.0 | 125 | 125.0 | 125.0 | 123.0 | 125.0 | 125.0 | 125.0 | 125.0 | 125 | 123 | 106.0 | 118.0 | 125 |

- 1/ THIS TABLE CONTAINS NO STATISTICAL VALUES (LSD VALUES) THEREFORE IT SHOULD ONLY BE USED TO DETERMINE THE GENERAL PERFORMANCE OF AN ENTRY OR ENTRIES ACROSS SEVERAL LOCATIONS OR REGIONS. TO ASSESS STATISTICAL DIFFERENCES AMONG ENTRIES, REFER TO THE MEANS AND LSD VALUES FOUND IN TABLE 1.
- 2/ RANKING OF MEAN TURFGRASS QUALITY IS ACHIEVED BY ASSIGNING "1" TO THE HIGHEST MEAN, "2" TO THE SECOND HIGHEST MEAN, ETC. FOR EACH LOCATION. FOR EXAMPLE, IF TWO MEANS ARE TIED FOR THE SECOND AND THIRD RANKS, BOTH ARE ASSIGNED "2.5".

TABLE 4.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER HIGH MAINTENANCE FOR EACH YEAR IN THE U.S.
1991-1995 DATA

| TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 1/ | | | | | | | | | | | | | |
|--|------|------|------|------|------|---------|--------------------|------|------|------|------|------|---------|
| NAME | 1991 | 1992 | 1993 | 1994 | 1995 | 1991-95 | NAME | 1991 | 1992 | 1993 | 1994 | 1995 | 1991-95 |
| MIDNIGHT | 6.19 | 6.45 | 6.26 | 6.29 | 6.40 | 6.21 | PST-A84-803 | 5.88 | 5.85 | 5.49 | 5.49 | 5.42 | 5.70 |
| BLACKSBURG | 5.48 | 6.39 | 6.13 | 6.33 | 6.38 | 6.04 | CARDIFF | 5.44 | 6.15 | 5.69 | 5.68 | 5.63 | 5.70 |
| ASCOT (BA 77-279) | 6.09 | 6.42 | 5.88 | 5.89 | 5.94 | 6.04 | LIVINGSTON | 5.77 | 5.75 | 5.43 | 5.72 | 5.69 | 5.69 |
| ECLIPSE | 5.89 | 6.21 | 5.98 | 5.98 | 6.24 | 6.02 | SUFFOLK | 5.96 | 5.71 | 5.35 | 5.48 | 5.67 | 5.68 |
| UNIQUE (PST-C-76) | 6.18 | 6.10 | 5.78 | 5.96 | 5.71 | 5.97 | J-333 | 5.58 | 5.85 | 5.57 | 5.77 | 5.54 | 5.68 |
| APEX (SUMMIT) | 5.80 | 6.05 | 6.10 | 5.82 | 5.78 | 5.96 | CONNI | 5.84 | 6.07 | 5.52 | 5.27 | 5.48 | 5.68 |
| GLADE | 6.17 | 6.00 | 5.64 | 5.88 | 5.87 | 5.93 | FREEDOM | 5.81 | 5.89 | 5.36 | 5.49 | 5.57 | 5.67 |
| PREAKNESS (602) | 5.88 | 5.95 | 5.78 | 6.13 | 6.09 | 5.92 | CHALLENGER | 5.77 | 6.00 | 5.56 | 5.46 | 5.55 | 5.67 |
| RITA (PST-UD-10) | 5.97 | 6.11 | 5.92 | 5.99 | 5.83 | 5.92 | CLASSIC | 5.76 | 5.87 | 5.41 | 5.51 | 5.58 | 5.66 |
| PST-0514 | 5.85 | 6.05 | 5.86 | 5.94 | 5.91 | 5.91 | GEORGETOWN | 5.87 | 5.89 | 5.37 | 5.53 | 5.49 | 5.66 |
| ALPINE | 5.91 | 6.05 | 5.82 | 5.66 | 5.56 | 5.90 | PST-C-224 | 5.70 | 5.86 | 5.34 | 5.71 | 5.58 | 5.66 |
| PRINCETON 104 | 5.50 | 6.18 | 5.92 | 5.83 | 6.05 | 5.89 | INDIGO | 5.80 | 5.83 | 5.43 | 5.54 | 5.72 | 5.65 |
| PST-A7-1877 | 5.77 | 6.16 | 5.64 | 5.78 | 5.78 | 5.89 | A-34 | 5.57 | 5.72 | 5.49 | 5.63 | 5.64 | 5.64 |
| SR 2000 | 5.66 | 6.02 | 5.79 | 6.11 | 6.43 | 5.88 | EVV 13.703 | 5.27 | 5.95 | 5.72 | 5.69 | 5.49 | 5.64 |
| PST-1DW | 5.68 | 6.03 | 5.98 | 5.88 | 5.63 | 5.87 | NUBLUE (J-229) | 5.74 | 5.81 | 5.46 | 5.36 | 5.36 | 5.63 |
| LIMOUSINE | 5.71 | 6.22 | 5.85 | 5.71 | 5.40 | 5.86 | WW AG 505 | 5.43 | 5.97 | 5.60 | 5.51 | 5.33 | 5.63 |
| ALLURE (BA 73-540) | 5.76 | 6.02 | 5.66 | 5.98 | 5.81 | 5.86 | PENNPRO (PR-1) | 5.52 | 5.94 | 5.55 | 5.28 | 5.43 | 5.62 |
| OPTI-GREEN (PST-B8-106) | 5.94 | 6.07 | 5.59 | 5.95 | 5.65 | 5.85 | J11-94 | 5.77 | 5.81 | 5.36 | 5.46 | 5.48 | 5.62 |
| WASHINGTON | 6.00 | 5.99 | 5.62 | 5.59 | 5.62 | 5.85 | LIBERTY | 5.77 | 5.86 | 5.51 | 5.36 | 5.26 | 5.61 |
| ABLE I | 5.80 | 6.05 | 5.87 | 5.77 | 5.73 | 5.84 | TOUCHDOWN | 5.52 | 5.86 | 5.46 | 5.43 | 5.30 | 5.60 |
| BAR VB 852 | 5.78 | 5.82 | 5.72 | 5.98 | 5.85 | 5.83 | J34-99 | 5.73 | 5.77 | 5.23 | 5.52 | 5.53 | 5.60 |
| SHAMROCK (H86-712) | 5.78 | 6.03 | 5.80 | 5.79 | 5.79 | 5.83 | BAR VB 1169 | 5.64 | 5.82 | 5.41 | 5.33 | 5.41 | 5.59 |
| FAIRFAX (BA 69-82) | 5.79 | 5.95 | 5.60 | 5.86 | 5.94 | 5.83 | PST-A84-405 | 5.61 | 5.74 | 5.39 | 5.67 | 5.70 | 5.59 |
| ASPEN | 5.70 | 6.01 | 5.71 | 5.93 | 6.01 | 5.82 | MINSTREL | 5.63 | 5.89 | 5.56 | 5.39 | 5.31 | 5.59 |
| PSU-151 | 5.80 | 5.85 | 5.62 | 5.86 | 5.90 | 5.82 | BA 76-305 | 5.62 | 5.67 | 5.36 | 5.73 | 5.23 | 5.59 |
| COVENTRY | 5.90 | 5.98 | 5.66 | 5.73 | 5.63 | 5.80 | J13-152 | 5.78 | 5.68 | 5.34 | 5.42 | 5.49 | 5.58 |
| BA 70-131 | 5.69 | 5.94 | 5.61 | 5.80 | 5.73 | 5.80 | COBALT | 5.72 | 5.78 | 5.44 | 5.46 | 5.55 | 5.58 |
| JULIA | 5.95 | 6.01 | 5.54 | 5.49 | 5.80 | 5.78 | 4 ACES (PST-RE-88) | 5.50 | 5.81 | 5.41 | 5.55 | 5.36 | 5.57 |
| EAGLETON | 5.75 | 5.57 | 5.68 | 6.07 | 5.74 | 5.77 | RAVEN (BA 78-258) | 5.59 | 5.65 | 5.37 | 5.54 | 5.43 | 5.57 |
| 1757 | 5.97 | 5.95 | 5.59 | 5.72 | 5.58 | 5.76 | SILVIA | 5.69 | 5.69 | 5.47 | 5.35 | 5.26 | 5.55 |
| ESTATE | 5.92 | 5.91 | 5.56 | 5.63 | 5.49 | 5.74 | BARON | 5.80 | 5.74 | 5.33 | 5.38 | 4.95 | 5.55 |
| DAWN | 5.99 | 5.90 | 5.37 | 5.62 | 5.66 | 5.74 | BARBLUE | 5.43 | 5.80 | 5.47 | 5.42 | 5.62 | 5.54 |
| TRENTON | 5.91 | 5.95 | 5.45 | 5.60 | 5.69 | 5.74 | BARSWEEP | 5.63 | 5.87 | 5.38 | 5.17 | 5.10 | 5.54 |
| BANFF | 5.95 | 5.92 | 5.42 | 5.48 | 5.48 | 5.73 | PST-A7-341 | 5.60 | 5.60 | 5.29 | 5.56 | 5.16 | 5.51 |
| EVA (WW AG 508) | 5.94 | 5.98 | 5.58 | 5.42 | 5.41 | 5.73 | EVV 13.863 | 5.69 | 5.70 | 5.34 | 5.31 | 4.78 | 5.50 |
| BARTITIA | 5.67 | 6.08 | 5.61 | 5.62 | 5.22 | 5.73 | OPAL | 5.72 | 5.69 | 5.30 | 5.11 | 5.11 | 5.50 |
| NUSTAR | 5.78 | 5.89 | 5.62 | 5.84 | 5.60 | 5.73 | SR 2100 | 5.57 | 5.74 | 5.34 | 5.30 | 5.10 | 5.50 |
| PST-UD-12 | 5.87 | 5.80 | 5.40 | 5.65 | 5.57 | 5.72 | FORTUNA | 5.74 | 5.57 | 5.37 | 5.61 | 4.95 | 5.49 |
| BARCELONA (BAR VB 1184) | 5.66 | 6.01 | 5.74 | 5.52 | 5.36 | 5.72 | ABBAY | 5.52 | 5.52 | 5.29 | 5.51 | 5.53 | 5.49 |
| RAM-1 | 6.13 | 5.93 | 5.40 | 5.32 | 5.67 | 5.71 | BELMONT (798) | 5.34 | 5.73 | 5.41 | 5.64 | 5.52 | 5.49 |
| PLATINI | 5.73 | 6.03 | 5.59 | 5.37 | 5.19 | 5.71 | MIRANDA | 5.42 | 5.71 | 5.30 | 5.17 | 5.38 | 5.47 |
| CALIBER (J-335) | 5.68 | 5.98 | 5.54 | 5.56 | 5.57 | 5.71 | CANNON (BA 73-381) | 5.40 | 5.55 | 5.26 | 5.44 | 5.44 | 5.47 |
| BARONIE (BAR VB 985) | 5.86 | 5.94 | 5.51 | 5.51 | 5.45 | 5.70 | NASSAU | 5.63 | 5.77 | 5.18 | 5.26 | 5.25 | 5.47 |
| CYNTHIA | 5.73 | 5.69 | 5.62 | 5.73 | 5.23 | 5.70 | MONOPOLY | 5.29 | 5.45 | 5.33 | 5.55 | 5.52 | 5.46 |
| HAGA | 5.89 | 5.78 | 5.46 | 5.66 | 5.48 | 5.70 | HV 125 | 5.43 | 5.67 | 5.37 | 5.42 | 5.38 | 5.46 |

TABLE 4.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER HIGH MAINTENANCE FOR EACH YEAR IN THE U.S.
1991-1995 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

| NAME | 1991 | 1992 | 1993 | 1994 | 1995 | 1991-95 |
|------------------------|------|------|------|------|------|---------|
| KELLY | 5.53 | 5.42 | 5.23 | 5.55 | 5.33 | 5.45 |
| AMPELLIA | 5.40 | 5.65 | 5.34 | 5.41 | 5.30 | 5.45 |
| PST-A84-928 | 5.48 | 5.46 | 5.39 | 5.52 | 5.30 | 5.45 |
| VIVA (BA 73-366) | 5.53 | 5.47 | 5.29 | 5.42 | 5.26 | 5.45 |
| NOTTINGHAM (BA 77-700) | 5.52 | 5.52 | 5.30 | 5.58 | 5.04 | 5.45 |
| MIRACLE | 5.72 | 5.66 | 5.16 | 5.20 | 4.88 | 5.44 |
| GNOME | 5.46 | 5.47 | 5.32 | 5.38 | 5.23 | 5.43 |
| J-386 | 5.15 | 5.51 | 5.32 | 5.49 | 5.57 | 5.42 |
| MARQUIS | 5.43 | 5.51 | 5.37 | 5.42 | 5.22 | 5.41 |
| BA 73-382 | 5.31 | 5.48 | 5.26 | 5.52 | 5.23 | 5.41 |
| MERIT | 5.40 | 5.46 | 5.29 | 5.43 | 5.10 | 5.38 |
| BROADWAY | 5.19 | 5.77 | 5.31 | 5.20 | 5.04 | 5.37 |
| CREST | 5.53 | 5.57 | 5.24 | 5.23 | 4.99 | 5.37 |
| PST-R-740 | 5.56 | 5.55 | 5.19 | 5.30 | 4.78 | 5.37 |
| MELBA | 5.29 | 5.61 | 5.22 | 5.27 | 4.93 | 5.35 |
| R751A | 5.59 | 5.43 | 5.23 | 5.32 | 4.95 | 5.35 |
| DESTINY | 5.26 | 5.57 | 5.17 | 5.31 | 5.60 | 5.34 |
| NE 80-47 | 5.50 | 5.66 | 5.07 | 5.08 | 4.71 | 5.34 |
| NOBLESSE | 5.47 | 5.68 | 5.15 | 4.94 | 4.67 | 5.33 |
| BUCKINGHAM (BA 74-114) | 5.27 | 5.58 | 5.06 | 5.17 | 5.35 | 5.32 |
| BARMAX (BAR VB 7037) | 5.71 | 5.58 | 5.04 | 4.92 | 4.61 | 5.31 |
| TRAMPAS | 5.11 | 5.53 | 5.23 | 5.18 | 5.19 | 5.29 |
| PST-HV-116 | 5.40 | 5.41 | 5.04 | 4.92 | 4.99 | 5.26 |
| BARZAN | 5.27 | 5.41 | 5.06 | 5.16 | 5.03 | 5.21 |
| BLUE STAR (PST-B8-13) | 5.15 | 5.31 | 4.89 | 4.95 | 4.60 | 5.07 |
| BA 77-292 | 4.57 | 5.28 | 4.96 | 5.22 | 5.11 | 5.06 |
| CHELSEA | 4.74 | 5.04 | 4.84 | 4.82 | 4.94 | 4.93 |
| MERION | 4.18 | 4.83 | 4.92 | 5.28 | 5.27 | 4.93 |
| DONNA | 4.99 | 4.92 | 4.64 | 4.58 | 4.68 | 4.88 |
| KWS PP 13-2 | 4.68 | 5.04 | 4.63 | 5.07 | 4.83 | 4.86 |
| RONDE | 4.87 | 4.73 | 4.53 | 4.93 | 4.71 | 4.83 |
| KENBLUE | 4.56 | 4.47 | 4.32 | 4.52 | 4.58 | 4.56 |
| GREENLEY | 4.46 | 4.52 | 4.28 | 4.49 | 4.55 | 4.54 |
| SOUTH DAKOTA CERT. | 4.12 | 4.16 | 4.20 | 4.66 | 4.49 | 4.37 |
| GINGER | 3.79 | 3.93 | 3.86 | 4.37 | 4.31 | 4.08 |
| LSD VALUE | 0.25 | 0.21 | 0.21 | 0.28 | 0.34 | 0.15 |

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).

TABLE 5.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER HIGH MAINTENANCE FOR EACH YEAR IN THE U.S.
1991-1995 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING 2/

| NAME | 1991 | 1992 | 1993 | 1994 | 1995 | 1991-95 | NAME | 1991 | 1992 | 1993 | 1994 | 1995 | 1991-95 |
|--------------------------|------|------|------|------|------|---------|--------------------|------|------|------|------|------|---------|
| MIDNIGHT | 1 | 1 | 1 | 2 | 2 | 1 | PST-A84-803 | 22 | 55 | 49 | 68 | 67 | 46 |
| BLACKSBURG | 91 | 3 | 2 | 1 | 3 | 2 | CARDIFF | 94 | 8 | 21 | 35 | 35 | 47 |
| ASCOT (BA 77-279) | 5 | 2 | 8 | 14 | 9 | 3 | LIVINGSTON | 41 | 70 | 58 | 30 | 26 | 48 |
| ECLIPSE | 20 | 5 | 4 | 7 | 4 | 4 | SUFFOLK | 10 | 77 | 79 | 70 | 28 | 49 |
| UNIQUE (PST-C-76) | 2 | 10 | 15 | 10 | 24 | 5 | J-333 | 76 | 56 | 39 | 26 | 50 | 50 |
| APEX (SUMMIT) | 33 | 16 | 3 | 21 | 19 | 6 | CONNI | 27 | 13 | 46 | 101 | 60 | 51 |
| GLADE | 3 | 27 | 26 | 16 | 12 | 7 | FREEDOM | 28 | 45 | 78 | 65 | 45 | 52 |
| PREAKNESS (602) | 21 | 35 | 16 | 3 | 5 | 8 | CHALLENGER | 43 | 26 | 40 | 73 | 48 | 53 |
| RITA (PST-UD-10) | 8 | 9 | 7 | 6 | 14 | 9 | CLASSIC | 45 | 49 | 61 | 61 | 40 | 54 |
| PST-0514 | 26 | 15 | 10 | 12 | 10 | 10 | GEORGETOWN | 24 | 46 | 72 | 56 | 56 | 55 |
| ALPINE | 17 | 17 | 12 | 37 | 47 | 11 | PST-C-224 | 58 | 51 | 80 | 33 | 41 | 56 |
| PRINCETON 104 | 88 | 6 | 6 | 20 | 6 | 12 | INDIGO | 29 | 57 | 59 | 54 | 23 | 57 |
| PST-A7-1877 | 39 | 7 | 25 | 24 | 18 | 13 | A-34 | 77 | 75 | 50 | 41 | 32 | 58 |
| SR 2000 | 65 | 22 | 14 | 4 | 1 | 14 | EVB 13.703 | 108 | 34 | 19 | 34 | 58 | 59 |
| PST-1DW | 62 | 19 | 5 | 15 | 34 | 15 | NUBLUE (J-229) | 47 | 61 | 54 | 88 | 75 | 60 |
| LIMOUSINE | 56 | 4 | 11 | 32 | 70 | 16 | WW AG 505 | 97 | 32 | 33 | 64 | 77 | 61 |
| ALLURE (BA 73-540) | 44 | 21 | 24 | 9 | 15 | 17 | PENNPRO (PR-1) | 86 | 38 | 43 | 98 | 65 | 62 |
| OPTI-GREEN (PST-B8-106) | 14 | 12 | 35 | 11 | 31 | 18 | J11-94 | 42 | 60 | 76 | 71 | 62 | 63 |
| WASHINGTON | 6 | 28 | 30 | 47 | 36 | 19 | LIBERTY | 40 | 52 | 48 | 89 | 85 | 64 |
| ABLE I | 30 | 14 | 9 | 25 | 22 | 20 | TOUCHDOWN | 83 | 53 | 53 | 75 | 82 | 65 |
| BAR VB 852 | 35 | 59 | 18 | 8 | 13 | 21 | J34-99 | 50 | 67 | 100 | 59 | 52 | 66 |
| SHAMROCK (H86-712) | 36 | 20 | 13 | 23 | 17 | 22 | BAR VB 1169 | 67 | 58 | 62 | 91 | 69 | 67 |
| FAIRFAX (BA 69-82) | 34 | 33 | 34 | 18 | 8 | 23 | PST-A84-405 | 72 | 73 | 67 | 36 | 25 | 68 |
| ASPEN | 57 | 24 | 20 | 13 | 7 | 24 | MINSTREL | 69 | 48 | 41 | 84 | 79 | 69 |
| PSU-151 | 31 | 54 | 29 | 17 | 11 | 25 | BA 76-305 | 71 | 84 | 77 | 28 | 90 | 70 |
| COVENTRY | 18 | 29 | 23 | 27 | 33 | 26 | J13-152 | 38 | 83 | 82 | 79 | 57 | 71 |
| BA 70-131 | 59 | 39 | 32 | 22 | 21 | 27 | COBALT | 54 | 65 | 57 | 72 | 49 | 72 |
| JULIA | 11 | 25 | 45 | 67 | 16 | 28 | 4 ACES (PST-RE-88) | 87 | 62 | 63 | 52 | 74 | 73 |
| EAGLETON | 46 | 95 | 22 | 5 | 20 | 29 | RAVEN (BA 78-258) | 75 | 88 | 71 | 55 | 66 | 74 |
| 1757 | 9 | 37 | 36 | 31 | 42 | 30 | SILVIA | 61 | 81 | 51 | 90 | 86 | 75 |
| ESTATE | 15 | 43 | 42 | 42 | 55 | 31 | BARON | 32 | 72 | 86 | 85 | 107 | 76 |
| DAWN | 7 | 44 | 73 | 44 | 30 | 32 | BARBLUE | 98 | 64 | 52 | 81 | 37 | 77 |
| TRENTON | 16 | 36 | 56 | 46 | 27 | 33 | BARSWEEP | 70 | 50 | 69 | 109 | 100 | 78 |
| BANFF | 12 | 42 | 60 | 69 | 61 | 34 | PST-A7-341 | 73 | 91 | 94 | 50 | 96 | 79 |
| EVA (WW AG 508) | 13 | 31 | 38 | 78 | 68 | 35 | EVB 13.863 | 60 | 78 | 83 | 95 | 115 | 80 |
| BARTITIA | 64 | 11 | 31 | 43 | 93 | 36 | OPAL | 52 | 80 | 92 | 112 | 98 | 81 |
| NUSTAR | 37 | 47 | 27 | 19 | 38 | 37 | SR 2100 | 78 | 71 | 81 | 97 | 101 | 82 |
| PST-UD-12 | 23 | 63 | 65 | 39 | 43 | 38 | FORTUNA | 48 | 97 | 75 | 45 | 108 | 83 |
| BARCELONA (BAR VB 1184) | 66 | 23 | 17 | 57 | 73 | 39 | ABBEY | 85 | 101 | 95 | 62 | 51 | 84 |
| RAM-1 | 4 | 41 | 66 | 93 | 29 | 40 | BELMONT (798) | 104 | 74 | 64 | 40 | 54 | 85 |
| PLATINI | 51 | 18 | 37 | 87 | 94 | 41 | MIRANDA | 99 | 76 | 91 | 110 | 71 | 86 |
| CALIBER (J-335) | 63 | 30 | 44 | 49 | 46 | 42 | CANNON (BA 73-381) | 102 | 98 | 97 | 74 | 64 | 87 |
| BARONIE (BAR VB 985) | 25 | 40 | 47 | 63 | 63 | 43 | NASSAU | 68 | 68 | 106 | 102 | 87 | 88 |
| CYNTHIA | 49 | 79 | 28 | 29 | 89 | 44 | MONOPOLY | 107 | 110 | 85 | 51 | 53 | 89 |
| HAGA | 19 | 66 | 55 | 38 | 59 | 45 | HV 125 | 95 | 85 | 70 | 80 | 72 | 90 |

TABLE 5.
(CONT'D)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER HIGH MAINTENANCE FOR EACH YEAR IN THE U.S.
1991-1995 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING

| NAME | 1991 | 1992 | 1993 | 1994 | 1995 | 1991-95 |
|------------------------|------|------|------|------|------|---------|
| KELLY | 82 | 112 | 101 | 53 | 78 | 91 |
| AMPELLIA | 103 | 89 | 84 | 83 | 80 | 92 |
| PST-A84-928 | 90 | 109 | 68 | 60 | 81 | 93 |
| VIVA (BA 73-366) | 80 | 106 | 96 | 82 | 84 | 94 |
| NOTTINGHAM (BA 77-700) | 84 | 102 | 90 | 48 | 103 | 95 |
| MIRACLE | 53 | 87 | 108 | 106 | 112 | 96 |
| GNOME | 93 | 107 | 87 | 86 | 91 | 97 |
| J-386 | 113 | 103 | 88 | 66 | 44 | 98 |
| MARQUIS | 96 | 104 | 74 | 77 | 92 | 99 |
| BA 73-382 | 105 | 105 | 98 | 58 | 88 | 100 |
| MERIT | 100 | 108 | 93 | 76 | 99 | 101 |
| BROADWAY | 112 | 69 | 89 | 105 | 102 | 102 |
| CREST | 81 | 96 | 99 | 103 | 106 | 103 |
| PST-R-740 | 79 | 99 | 105 | 96 | 114 | 104 |
| MELBA | 106 | 90 | 104 | 100 | 111 | 105 |
| R751A | 74 | 111 | 102 | 92 | 109 | 106 |
| DESTINY | 111 | 94 | 107 | 94 | 39 | 107 |
| NE 80-47 | 89 | 86 | 110 | 113 | 117 | 108 |
| NOBLESSE | 92 | 82 | 109 | 116 | 119 | 109 |
| BUCKINGHAM (BA 74-114) | 109 | 93 | 111 | 108 | 76 | 110 |
| BARMAX (BAR VB 7037) | 55 | 92 | 113 | 118 | 120 | 111 |
| TRAMPAS | 115 | 100 | 103 | 107 | 95 | 112 |
| PST-HV-116 | 101 | 113 | 114 | 119 | 105 | 113 |
| BARZAN | 110 | 114 | 112 | 111 | 104 | 114 |
| BLUE STAR (PST-B8-13) | 114 | 115 | 117 | 115 | 121 | 115 |
| BA 77-292 | 120 | 116 | 115 | 104 | 97 | 116 |
| CHELSEA | 118 | 118 | 118 | 120 | 110 | 117 |
| MERION | 123 | 120 | 116 | 99 | 83 | 118 |
| DONNA | 116 | 119 | 119 | 122 | 118 | 119 |
| KWS PP 13-2 | 119 | 117 | 120 | 114 | 113 | 120 |
| RONDE | 117 | 121 | 121 | 117 | 116 | 121 |
| KENBLUE | 121 | 123 | 122 | 123 | 122 | 122 |
| GREENLEY | 122 | 122 | 123 | 124 | 123 | 123 |
| SOUTH DAKOTA CERT. | 124 | 124 | 124 | 121 | 124 | 124 |
| GINGER | 125 | 125 | 125 | 125 | 125 | 125 |

1/ THIS TABLE CONTAINS NO STATISTICAL VALUES (LSD VALUES) THEREFORE IT SHOULD ONLY BE USED TO DETERMINE THE GENERAL PERFORMANCE OF AN ENTRY OR ENTRIES ACROSS SEVERAL LOCATIONS OR REGIONS. TO ASSESS STATISTICAL DIFFERENCES AMONG ENTRIES, REFER TO THE MEANS AND LSD VALUES FOUND IN TABLE 4.

2/ RANKING OF MEAN TURFGRASS QUALITY IS ACHIEVED BY ASSIGNING "1" TO THE HIGHEST MEAN, "2" TO THE SECOND HIGHEST MEAN, ETC. FOR EACH LOCATION. FOR EXAMPLE, IF TWO MEANS ARE TIED FOR THE SECOND AND THIRD RANKS, BOTH ARE ASSIGNED "2.5".

TABLE 6. GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 1/

| NAME | CO1 | ID2 | KY1 | NE1 | NJ1 | NJ3 | OH2 | OR9 | RI1 | VA2 | MEAN |
|-------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| MIDNIGHT | 6.0 | 7.8 | 8.9 | 6.8 | 8.3 | 6.7 | 8.5 | 8.3 | 7.0 | 6.3 | 7.5 |
| ASCOT (BA 77-279) | 5.0 | 7.4 | 8.0 | 6.8 | 7.7 | 6.3 | 7.8 | 7.5 | 8.0 | 6.8 | 7.1 |
| BLACKSBURG | 5.3 | 7.7 | 8.1 | 7.5 | 8.0 | 6.3 | 7.7 | 7.0 | 6.7 | 6.6 | 7.1 |
| NOBLESSE | 5.7 | 7.2 | 7.6 | 6.8 | 8.0 | 5.9 | 8.0 | 7.7 | 7.3 | 6.5 | 7.1 |
| BUCKINGHAM (BA 74-114) | 5.3 | 7.3 | 7.8 | 7.2 | 8.0 | 6.8 | 8.0 | 8.0 | 5.3 | 6.7 | 7.0 |
| OPAL | 5.3 | 7.4 | 7.6 | 6.0 | 8.0 | 5.1 | 8.0 | 7.3 | 8.3 | 6.7 | 7.0 |
| ABLE I | 4.7 | 6.9 | 8.3 | 7.0 | 8.0 | 6.3 | 7.7 | 7.8 | 6.7 | 5.9 | 6.9 |
| PST-0514 | 4.7 | 6.8 | 7.9 | 6.3 | 8.7 | 6.4 | 7.8 | 8.3 | 6.0 | 6.1 | 6.9 |
| SR 2000 | 4.7 | 6.1 | 7.3 | 6.8 | 7.3 | 6.8 | 7.8 | 8.2 | 6.3 | 6.5 | 6.8 |
| GLADE | 5.3 | 7.2 | 8.0 | 6.2 | 7.0 | 5.7 | 7.0 | 7.5 | 7.7 | 6.1 | 6.8 |
| PST-A84-803 | 6.0 | 7.6 | 7.7 | 6.7 | 7.0 | 5.8 | 7.7 | 7.7 | 5.3 | 6.2 | 6.8 |
| RITA (PST-UD-10) | 5.0 | 7.0 | 7.7 | 6.3 | 7.0 | 6.2 | 7.5 | 7.7 | 6.7 | 6.2 | 6.7 |
| DESTINY | 5.0 | 7.6 | 7.1 | 6.7 | 7.0 | 5.0 | 7.5 | 7.2 | 7.7 | 6.5 | 6.7 |
| BARSWHEET | 5.7 | 6.8 | 7.3 | 6.5 | 7.7 | 5.8 | 7.5 | 7.3 | 6.0 | 6.2 | 6.7 |
| RAM-1 | 6.0 | 7.4 | 6.7 | 6.0 | 7.0 | 5.7 | 7.2 | 7.3 | 7.7 | 5.9 | 6.7 |
| BELMONT (798) | 5.0 | 6.9 | 7.3 | 6.5 | 7.0 | 5.8 | 7.5 | 7.7 | 7.0 | 6.1 | 6.7 |
| MINSTREL | 5.0 | 6.8 | 7.3 | 6.5 | 8.0 | 5.8 | 7.5 | 7.5 | 6.0 | 6.3 | 6.7 |
| APEX (SUMMIT) | 5.7 | 7.3 | 8.0 | 5.8 | 7.0 | 5.8 | 7.5 | 7.8 | 5.3 | 6.3 | 6.7 |
| PST-A84-405 | 5.7 | 6.4 | 6.7 | 6.5 | 6.7 | 5.8 | 7.2 | 7.3 | 7.7 | 6.2 | 6.6 |
| COBALT | 5.0 | 7.2 | 6.8 | 5.8 | 7.3 | 5.1 | 7.7 | 7.5 | 7.3 | 6.0 | 6.6 |
| HV 125 | 5.0 | 6.8 | 7.4 | 6.3 | 7.0 | 5.7 | 7.5 | 7.5 | 6.3 | 6.1 | 6.6 |
| INDIGO | 4.3 | 7.1 | 7.3 | 6.3 | 7.3 | 6.1 | 7.3 | 7.3 | 6.7 | 5.7 | 6.6 |
| UNIQUE (PST-C-76) | 3.7 | 6.8 | 7.2 | 6.3 | 7.0 | 5.9 | 7.5 | 7.0 | 7.3 | 6.5 | 6.5 |
| BROADWAY | 5.7 | 7.2 | 7.7 | 6.2 | 7.7 | 5.2 | 7.5 | 7.2 | 4.7 | 6.1 | 6.5 |
| PREAKNESS (602) | 5.0 | 6.4 | 6.8 | 6.3 | 6.7 | 5.9 | 7.2 | 7.5 | 7.3 | 5.9 | 6.5 |
| KWS PP 13-2 | 4.7 | 7.1 | 6.9 | 5.5 | 7.3 | 4.7 | 7.3 | 7.5 | 8.0 | 6.0 | 6.5 |
| CHELSEA | 5.3 | 6.8 | 6.9 | 6.3 | 7.3 | 5.1 | 7.5 | 7.3 | 6.7 | 5.7 | 6.5 |
| ECLIPSE | 5.0 | 6.9 | 7.6 | 6.0 | 6.3 | 5.7 | 7.7 | 6.8 | 6.7 | 6.3 | 6.5 |
| DONNA | 4.7 | 7.6 | 6.7 | 6.5 | 7.3 | 5.4 | 7.2 | 7.0 | 6.7 | 5.9 | 6.5 |
| SHAMROCK (H86-712) | 5.0 | 6.7 | 6.6 | 6.0 | 6.7 | 5.3 | 7.7 | 7.3 | 7.7 | 5.9 | 6.5 |
| EVA (WW AG 508) | 5.3 | 7.0 | 7.4 | 5.5 | 6.3 | 4.8 | 7.8 | 7.2 | 6.7 | 6.3 | 6.4 |
| NASSAU | 5.7 | 6.9 | 7.2 | 6.2 | 5.7 | 5.2 | 7.5 | 7.0 | 6.7 | 6.0 | 6.4 |
| ALPINE | 5.0 | 5.0 | 8.6 | 5.8 | 8.0 | 5.2 | 8.0 | 6.8 | 5.7 | 5.9 | 6.4 |
| BARCELONA (BAR VB 1184) | 6.0 | 6.9 | 6.7 | 5.3 | 7.3 | 5.2 | 7.0 | 7.3 | 5.7 | 6.4 | 6.4 |
| CARDIFF | 4.7 | 6.1 | 6.9 | 5.5 | 7.0 | 5.4 | 7.0 | 6.7 | 8.0 | 6.5 | 6.4 |
| PST-1DW | 6.3 | 6.9 | 6.9 | 6.0 | 7.0 | 5.6 | 7.3 | 7.3 | 4.7 | 5.6 | 6.4 |
| R751A | 4.0 | 6.8 | 6.9 | 6.3 | 6.3 | 5.1 | 8.0 | 7.5 | 6.3 | 6.2 | 6.3 |
| FORTUNA | 4.0 | 6.3 | 7.6 | 7.0 | 5.7 | 4.8 | 7.5 | 7.0 | 7.7 | 5.9 | 6.3 |
| BARTITIA | 5.7 | 6.3 | 6.6 | 6.3 | 6.7 | 4.9 | 7.3 | 7.3 | 5.7 | 6.5 | 6.3 |
| MIRANDA | 5.3 | 5.6 | 7.9 | 6.5 | 6.7 | 5.1 | 7.7 | 7.7 | 5.0 | 5.7 | 6.3 |
| JULIA | 5.0 | 6.3 | 6.4 | 5.7 | 6.0 | 5.2 | 7.0 | 7.5 | 7.7 | 6.2 | 6.3 |
| PST-HV-116 | 5.3 | 6.8 | 6.7 | 6.0 | 7.0 | 5.1 | 7.0 | 6.8 | 6.0 | 6.1 | 6.3 |
| SR 2100 | 5.3 | 6.4 | 6.6 | 6.2 | 6.7 | 4.7 | 7.3 | 7.2 | 6.7 | 5.7 | 6.3 |
| GNOME | 5.3 | 5.6 | 6.7 | 6.3 | 5.7 | 4.7 | 7.3 | 7.5 | 7.7 | 6.0 | 6.3 |
| BLUE STAR (PST-B8-13) | 4.3 | 6.1 | 6.8 | 7.0 | 6.0 | 5.1 | 7.3 | 7.2 | 7.0 | 5.7 | 6.3 |

TABLE 6.
(CONT'D)

GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

| NAME | GENETIC COLOR RATINGS 1-9; 9=DARK GREEN | | | | | | | | | | |
|-------------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | CO1 | ID2 | KY1 | NE1 | NJ1 | NJ3 | OH2 | OR9 | RI1 | VA2 | MEAN |
| PST-R-740 | 4.0 | 6.7 | 6.9 | 6.3 | 6.3 | 5.1 | 7.8 | 7.5 | 6.0 | 5.8 | 6.2 |
| CREST | 5.0 | 6.2 | 6.8 | 6.3 | 6.0 | 4.8 | 7.5 | 7.0 | 7.0 | 5.7 | 6.2 |
| EVB 13.703 | 4.3 | 6.6 | 6.7 | 5.7 | 7.0 | 5.7 | 7.0 | 6.7 | 6.7 | 5.9 | 6.2 |
| MELBA | 6.0 | 5.4 | 6.9 | 5.7 | 5.3 | 4.8 | 7.5 | 6.8 | 7.7 | 6.0 | 6.2 |
| PST-A7-341 | 5.3 | 6.6 | 7.0 | 6.2 | 6.0 | 4.9 | 7.2 | 7.2 | 6.3 | 5.5 | 6.2 |
| MIRACLE | 5.3 | 7.0 | 6.6 | 6.0 | 5.3 | 5.0 | 7.0 | 6.8 | 7.0 | 6.0 | 6.2 |
| CANNON (BA 73-381) | 5.0 | 7.1 | 6.9 | 6.3 | 5.0 | 4.9 | 7.7 | 7.2 | 6.0 | 5.7 | 6.2 |
| CALIBER (J-335) | 5.3 | 6.2 | 6.4 | 5.5 | 5.7 | 5.3 | 7.0 | 7.0 | 8.0 | 5.3 | 6.2 |
| CYNTHIA | 5.3 | 6.7 | 6.4 | 5.8 | 6.0 | 5.2 | 7.5 | 6.5 | 6.3 | 5.9 | 6.2 |
| AMPELLIA | 5.3 | 5.7 | 6.9 | 6.3 | 5.7 | 4.9 | 7.0 | 6.7 | 7.7 | 5.6 | 6.2 |
| OPTI-GREEN (EST-B8-106) | 6.0 | 5.8 | 6.9 | 6.0 | 5.3 | 4.9 | 7.0 | 7.0 | 7.0 | 5.8 | 6.2 |
| ASPEN | 4.0 | 7.0 | 7.7 | 6.2 | 5.7 | 5.6 | 7.2 | 7.3 | 5.0 | 6.1 | 6.2 |
| LIBERTY | 5.3 | 6.6 | 6.7 | 6.0 | 5.0 | 5.1 | 7.2 | 6.7 | 7.0 | 5.9 | 6.1 |
| PST-A7-1877 | 6.0 | 5.2 | 7.0 | 5.7 | 5.3 | 5.1 | 6.8 | 6.7 | 7.7 | 5.9 | 6.1 |
| CONNI | 5.7 | 6.0 | 7.8 | 5.7 | 5.3 | 4.8 | 7.0 | 6.7 | 7.0 | 5.5 | 6.1 |
| NUSTAR | 4.3 | 6.6 | 6.6 | 6.0 | 6.0 | 5.1 | 7.2 | 6.8 | 7.0 | 5.6 | 6.1 |
| BAR VB 1169 | 5.3 | 6.1 | 6.3 | 6.0 | 6.0 | 4.8 | 6.8 | 7.2 | 6.7 | 5.9 | 6.1 |
| PLATINI | 5.0 | 6.4 | 6.1 | 6.2 | 6.0 | 5.0 | 7.2 | 6.8 | 6.7 | 5.7 | 6.1 |
| BA 73-382 | 4.0 | 6.6 | 6.6 | 6.2 | 4.7 | 4.7 | 7.3 | 7.5 | 8.0 | 5.5 | 6.1 |
| PRINCETON 104 | 5.3 | 5.7 | 7.9 | 5.3 | 4.7 | 5.1 | 7.0 | 6.8 | 7.3 | 5.7 | 6.1 |
| BA 76-305 | 4.3 | 5.8 | 6.8 | 6.3 | 5.3 | 5.1 | 7.2 | 7.0 | 7.3 | 5.7 | 6.1 |
| RAVEN (BA 78-258) | 4.7 | 5.7 | 6.8 | 5.7 | 5.3 | 4.9 | 7.2 | 7.2 | 7.3 | 6.0 | 6.1 |
| 4 ACES (PST-FE-88) | 4.7 | 6.1 | 6.7 | 5.8 | 5.0 | 5.3 | 7.0 | 6.8 | 7.3 | 5.9 | 6.1 |
| MARQUIS | 5.0 | 6.8 | 7.1 | 6.5 | 5.3 | 5.0 | 7.7 | 7.5 | 4.0 | 5.7 | 6.1 |
| BARON | 4.0 | 6.1 | 7.3 | 6.5 | 6.0 | 4.6 | 7.3 | 7.3 | 5.7 | 5.7 | 6.1 |
| NOTTINGHAM (BA 77-700) | 4.3 | 5.6 | 6.7 | 6.5 | 5.0 | 4.2 | 7.3 | 7.5 | 7.3 | 5.9 | 6.0 |
| BA 77-292 | 4.7 | 6.3 | 6.1 | 6.2 | 5.7 | 4.7 | 7.3 | 7.0 | 7.0 | 5.2 | 6.0 |
| COVENTRY | 5.3 | 5.7 | 6.4 | 5.3 | 5.7 | 4.9 | 7.0 | 6.8 | 7.0 | 5.9 | 6.0 |
| LIVINGSTON | 5.0 | 5.8 | 6.7 | 6.2 | 5.0 | 5.1 | 7.2 | 7.3 | 6.0 | 5.9 | 6.0 |
| MERIT | 5.0 | 6.6 | 6.8 | 6.5 | 4.7 | 4.6 | 7.0 | 7.0 | 6.3 | 5.7 | 6.0 |
| FAIRFAX (BA 69-82) | 5.7 | 5.7 | 6.8 | 5.5 | 5.3 | 5.0 | 6.8 | 6.5 | 7.0 | 5.7 | 6.0 |
| BARZAN | 4.7 | 6.7 | 6.6 | 6.2 | 6.0 | 4.2 | 7.2 | 6.5 | 5.7 | 6.4 | 6.0 |
| CHALLENGER | 4.7 | 6.3 | 6.1 | 5.8 | 6.0 | 5.4 | 7.0 | 6.8 | 6.0 | 5.7 | 6.0 |
| 1757 | 4.7 | 6.2 | 7.0 | 5.7 | 4.7 | 5.2 | 7.0 | 7.0 | 5.7 | 6.5 | 6.0 |
| BARMAX (BAR VB 7037) | 5.3 | 6.0 | 6.4 | 5.5 | 6.0 | 4.1 | 6.7 | 6.3 | 8.0 | 5.2 | 6.0 |
| VIVA (BA 73-366) | 4.7 | 5.9 | 7.0 | 6.2 | 4.3 | 4.3 | 7.0 | 7.2 | 7.0 | 5.7 | 5.9 |
| NE 80-47 | 4.0 | 6.0 | 5.8 | 6.2 | 6.0 | 5.0 | 7.2 | 6.7 | 6.7 | 5.7 | 5.9 |
| MERION | 4.3 | 6.1 | 6.3 | . | 6.3 | 4.8 | 7.0 | 5.8 | 6.7 | 5.7 | 5.9 |
| TRAMPAS | 4.3 | 5.3 | 6.9 | 5.2 | 6.3 | 4.4 | 7.0 | 6.8 | 6.7 | 5.9 | 5.9 |
| DAWN | 5.0 | 5.8 | 6.4 | 6.0 | 4.3 | 5.2 | 7.0 | 6.7 | 6.7 | 5.8 | 5.9 |
| KELLY | 4.7 | 6.2 | 7.2 | 6.5 | 4.7 | 4.2 | 7.0 | 6.8 | 5.7 | 5.7 | 5.9 |
| NUBLUE (J-229) | 5.0 | 5.7 | 6.6 | 5.5 | 5.0 | 5.0 | 7.2 | 6.3 | 7.0 | 5.3 | 5.8 |
| ABBEY | 4.0 | 6.0 | 6.9 | 6.2 | 5.3 | 4.4 | 7.0 | 6.8 | 5.7 | 6.1 | 5.8 |
| LIMOUSINE | 4.7 | 6.3 | 6.7 | 5.5 | 6.7 | 5.1 | 6.7 | 6.5 | 4.7 | 5.6 | 5.8 |
| PST-A84-928 | 4.3 | 6.4 | 6.9 | 6.3 | 5.0 | 4.4 | 7.0 | 7.2 | 4.7 | 5.9 | 5.8 |

TABLE 6.
(CONT'D)

GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

| GENETIC COLOR RATINGS 1-9; 9=DARK GREEN | | | | | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| NAME | CO1 | ID2 | KY1 | NE1 | NJ1 | NJ3 | OH2 | OR9 | RI1 | VA2 | MEAN |
| PST-C-224 | 5.0 | 5.8 | 6.0 | 5.5 | 5.7 | 5.0 | 6.5 | 6.5 | 6.3 | 5.8 | 5.8 |
| BA 70-131 | 5.0 | 6.2 | 6.6 | 5.7 | 4.7 | 5.1 | 7.0 | 6.3 | 6.3 | 5.0 | 5.8 |
| BARBLUE | 5.3 | 5.9 | 6.3 | 5.8 | 4.3 | 5.0 | 7.0 | 6.5 | 5.7 | 5.8 | 5.8 |
| RONDE | 4.3 | 6.4 | 6.1 | 5.5 | 4.7 | 3.8 | 7.3 | 6.8 | 7.0 | 5.5 | 5.7 |
| ALLURE (BA 73-540) | 4.7 | 5.8 | 6.3 | 5.7 | 5.3 | 5.1 | 7.0 | 7.0 | 5.7 | 4.8 | 5.7 |
| J-386 | 4.7 | 6.1 | 6.6 | 5.0 | 4.3 | 4.6 | 7.2 | 6.5 | 7.7 | 4.8 | 5.7 |
| J-333 | 4.7 | 5.4 | 6.2 | 5.7 | 4.3 | 5.2 | 6.8 | 7.3 | 6.7 | 4.9 | 5.7 |
| PENNPRO (PR-1) | 6.0 | 6.0 | 6.3 | 5.8 | 4.0 | 4.6 | 6.8 | 6.8 | 5.0 | 5.7 | 5.7 |
| WW AG 505 | 6.3 | 4.9 | 6.9 | 5.0 | 4.0 | 4.4 | 6.8 | 6.0 | 6.7 | 6.0 | 5.7 |
| SILVIA | 5.7 | 5.3 | 5.8 | 5.0 | 5.0 | 4.4 | 7.0 | 6.7 | 6.7 | 5.5 | 5.7 |
| FREEDOM | 5.3 | 4.2 | 5.9 | 6.2 | 4.0 | 4.6 | 6.7 | 6.5 | 8.0 | 5.5 | 5.7 |
| TOUCHDOWN | 4.7 | 5.7 | 6.0 | 5.8 | 4.3 | 4.9 | 7.2 | 6.5 | 6.7 | 5.1 | 5.7 |
| ESTATE | 4.7 | 5.6 | 6.3 | 5.7 | 5.7 | 5.1 | 6.8 | 6.5 | 5.0 | 5.4 | 5.7 |
| PST-UD-12 | 4.7 | 5.6 | 6.1 | 5.3 | 4.3 | 4.8 | 7.0 | 6.3 | 7.0 | 5.6 | 5.7 |
| J34-99 | 5.0 | 6.0 | 5.8 | 5.5 | 4.7 | 5.0 | 7.0 | 6.5 | 5.7 | 5.2 | 5.6 |
| BARONIE (BAR VB 985) | 5.7 | 5.3 | 6.1 | 5.5 | 4.0 | 5.3 | 6.7 | 6.7 | 5.3 | 5.7 | 5.6 |
| EVB 13.863 | 4.7 | 4.7 | 6.1 | 5.7 | 5.0 | 4.4 | 7.0 | 6.7 | 6.7 | 5.3 | 5.6 |
| HAGA | 4.3 | 5.1 | 6.4 | 5.3 | 4.0 | 5.0 | 6.8 | 6.7 | 7.3 | 5.1 | 5.6 |
| BANFF | 5.7 | 4.7 | 6.2 | 5.7 | 4.0 | 5.3 | 6.5 | 6.7 | 6.0 | 5.3 | 5.6 |
| WASHINGTON | 4.7 | 6.3 | 6.0 | 5.0 | 4.0 | 5.1 | 6.5 | 6.8 | 6.7 | 4.9 | 5.6 |
| SUFFOLK | 4.3 | 5.7 | 5.9 | 5.5 | 4.3 | 4.7 | 6.7 | 6.3 | 6.7 | 5.7 | 5.6 |
| J13-152 | 4.3 | 5.8 | 6.0 | 6.2 | 4.0 | 4.9 | 6.7 | 6.5 | 5.7 | 5.5 | 5.6 |
| GEORGETOWN | 4.0 | 4.9 | 6.1 | 6.0 | 4.7 | 4.9 | 6.8 | 6.3 | 6.0 | 5.7 | 5.5 |
| TRENTON | 5.3 | 5.0 | 5.8 | 6.0 | 4.0 | 4.7 | 6.8 | 6.3 | 5.3 | 5.7 | 5.5 |
| J11-94 | 5.0 | 5.1 | 6.2 | 5.5 | 4.0 | 4.6 | 6.8 | 6.3 | 6.3 | 4.7 | 5.5 |
| CLASSIC | 5.3 | 5.0 | 6.1 | 5.5 | 4.3 | 5.1 | 6.7 | 6.3 | 4.7 | 5.5 | 5.5 |
| EAGLETON | 4.7 | 5.1 | 6.3 | 5.3 | 4.3 | 4.6 | 6.5 | 6.7 | 6.0 | 4.9 | 5.4 |
| PSU-151 | 6.0 | 4.8 | 6.0 | 4.7 | 4.0 | 4.2 | 6.3 | 6.2 | 7.0 | 4.7 | 5.4 |
| A-34 | 4.0 | 4.8 | 5.2 | 5.2 | 3.7 | 4.3 | 6.5 | 6.2 | 7.7 | 5.3 | 5.3 |
| MONOPOLY | 4.7 | 4.2 | 5.4 | 5.3 | 4.0 | 3.9 | 6.0 | 6.5 | 8.0 | 4.3 | 5.2 |
| GREENLEY | 4.3 | 4.8 | 5.1 | 5.2 | 3.3 | 3.1 | 7.0 | 6.5 | 7.0 | 4.5 | 5.1 |
| KENBLUE | 3.7 | 5.2 | 4.6 | 5.3 | 3.7 | 3.8 | 7.0 | 6.5 | 6.0 | 4.9 | 5.1 |
| BAR VB 852 | 5.0 | 4.7 | 5.2 | 4.0 | 4.0 | 4.4 | 5.5 | 6.0 | 6.0 | 4.8 | 5.0 |
| SOUTH DAKOTA CERT. | 4.0 | 5.6 | 5.1 | 5.5 | 3.0 | 3.0 | 7.0 | 6.0 | 5.7 | 4.4 | 4.9 |
| GINGER | 3.3 | 5.0 | 5.2 | 5.3 | 3.0 | 2.9 | 7.0 | 6.2 | 6.3 | 4.9 | 4.9 |
| LSD VALUE | 1.3 | 1.2 | 1.0 | 0.8 | 0.9 | 0.5 | 0.5 | 0.7 | 2.5 | 1.2 | 0.4 |

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).

TABLE 7. SPRING GREENUP RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

| NAME | SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 1/ | | | | | | | | | | MEAN |
|------------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | ID2 | IL1 | IL2 | NE1 | NJ1 | NJ3 | OH2 | OR9 | RI1 | UB1 | |
| GINGER | 8.8 | 6.7 | 5.0 | 7.0 | 9.0 | 5.5 | 5.7 | 5.0 | 8.0 | 8.3 | 6.9 |
| BARBLUE | 6.5 | 6.0 | 8.0 | 5.5 | 6.7 | 5.2 | 6.0 | 6.7 | 6.3 | 7.5 | 6.4 |
| WASHINGTON | 6.2 | 5.7 | 8.0 | 5.3 | 6.7 | 6.0 | 6.0 | 6.0 | 5.3 | 6.2 | 6.1 |
| GREENLEY | 5.0 | 5.3 | 8.7 | 7.3 | 5.3 | 4.8 | 6.0 | 4.3 | 6.3 | 7.6 | 6.1 |
| CYNTHIA | 6.2 | 5.3 | 6.3 | 5.3 | 5.3 | 7.2 | 5.0 | 6.3 | 6.3 | 6.4 | 6.0 |
| PSU-151 | 5.8 | 5.3 | 8.7 | 4.3 | 5.0 | 5.2 | 6.3 | 6.3 | 4.3 | 7.0 | 5.8 |
| MIRACLE | 6.3 | 4.5 | 5.3 | 6.7 | 6.0 | 5.5 | 5.3 | 6.3 | 5.3 | 6.9 | 5.8 |
| NASSAU | 7.8 | 5.8 | 7.0 | 4.7 | 6.3 | 5.2 | 5.7 | 5.3 | 4.3 | 6.0 | 5.8 |
| LIVINGSTON | 6.2 | 5.2 | 6.7 | 6.7 | 6.7 | 5.5 | 5.3 | 4.3 | 5.3 | 6.1 | 5.8 |
| SHAMROCK (H86-712) | 6.7 | 5.2 | 5.3 | 5.0 | 5.3 | 5.8 | 6.0 | 5.7 | 6.0 | 6.8 | 5.8 |
| BUCKINGHAM (BA 74-114) | 6.7 | 4.7 | 7.0 | 4.7 | 7.0 | 5.3 | 5.3 | 6.0 | 5.0 | 5.9 | 5.8 |
| PENNSPRO (PR-1) | 7.3 | 4.7 | 6.0 | 4.3 | 6.3 | 6.3 | 5.0 | 5.3 | 5.3 | 6.8 | 5.7 |
| ASPEN | 6.7 | 5.2 | 7.7 | 4.7 | 5.7 | 5.8 | 5.3 | 5.7 | 4.3 | 6.2 | 5.7 |
| BARONIE (BAR VB 985) | 6.7 | 5.8 | 7.3 | 3.7 | 5.3 | 5.3 | 6.0 | 6.0 | 5.0 | 6.0 | 5.7 |
| 1757 | 6.5 | 5.0 | 8.0 | 4.7 | 5.7 | 5.3 | 6.0 | 5.3 | 4.0 | 6.4 | 5.7 |
| A-34 | 4.0 | 4.7 | 7.7 | 6.3 | 4.7 | 6.0 | 5.7 | 5.0 | 6.0 | 6.7 | 5.7 |
| DESTINY | 6.5 | 5.2 | 6.7 | 6.0 | 5.7 | 5.5 | 5.0 | 5.3 | 4.0 | 6.8 | 5.7 |
| TRENTON | 6.0 | 6.3 | 7.0 | 5.3 | 5.0 | 5.0 | 6.0 | 5.7 | 4.0 | 6.1 | 5.6 |
| CLASSIC | 5.3 | 5.7 | 8.0 | 3.3 | 6.0 | 5.5 | 6.0 | 4.7 | 5.3 | 6.4 | 5.6 |
| MINSTREL | 6.2 | 4.7 | 7.0 | 5.0 | 6.0 | 6.3 | 5.0 | 6.0 | 4.3 | 5.7 | 5.6 |
| J11-94 | 6.7 | 5.3 | 7.0 | 5.0 | 5.3 | 4.8 | 5.7 | 4.7 | 5.0 | 6.3 | 5.6 |
| CARDIFF | 5.8 | 4.8 | 4.7 | 5.0 | 6.3 | 5.7 | 5.7 | 5.3 | 5.0 | 7.2 | 5.6 |
| EVB 13.703 | 5.5 | 4.3 | 5.0 | 5.0 | 5.3 | 5.8 | 5.7 | 7.0 | 5.0 | 6.9 | 5.6 |
| SUFFOLK | 7.0 | 5.8 | 5.0 | 5.0 | 4.7 | 4.8 | 6.3 | 6.0 | 4.3 | 6.4 | 5.5 |
| FREEDOM | 6.5 | 5.7 | 7.3 | 5.0 | 5.3 | 4.5 | 5.7 | 5.0 | 4.3 | 6.1 | 5.5 |
| BANFF | 6.5 | 6.2 | 7.7 | 5.0 | 5.0 | 4.5 | 5.0 | 5.0 | 4.3 | 6.2 | 5.5 |
| RITA (PST-UD-10) | 6.2 | 5.2 | 6.3 | 3.7 | 5.7 | 5.5 | 5.3 | 5.3 | 5.7 | 6.6 | 5.5 |
| NE 80-47 | 5.0 | 4.7 | 6.3 | 6.0 | 5.7 | 4.8 | 6.0 | 5.3 | 5.0 | 6.4 | 5.5 |
| AMPELLIA | 6.2 | 5.2 | 6.3 | 5.3 | 5.0 | 5.5 | 4.7 | 6.0 | 5.0 | 6.1 | 5.5 |
| J-386 | 5.7 | 5.3 | 7.7 | 6.3 | 4.7 | 5.3 | 5.3 | 4.3 | 4.3 | 6.2 | 5.5 |
| GEORGETOWN | 6.5 | 5.7 | 7.3 | 5.3 | 4.7 | 4.7 | 6.0 | 4.3 | 4.3 | 6.3 | 5.5 |
| DAWN | 6.8 | 5.5 | 6.7 | 3.7 | 5.0 | 5.2 | 6.0 | 5.7 | 4.3 | 6.2 | 5.5 |
| PRINCETON 104 | 6.0 | 4.3 | 6.0 | 4.0 | 6.3 | 5.7 | 5.7 | 6.0 | 4.3 | 6.6 | 5.5 |
| SILVIA | 6.7 | 5.7 | 4.3 | 5.0 | 4.7 | 5.5 | 4.7 | 5.7 | 6.0 | 6.4 | 5.5 |
| MERION | 5.0 | 3.7 | 7.3 | . | 6.3 | 5.0 | 5.3 | 5.3 | 5.0 | 6.1 | 5.5 |
| J34-99 | 6.8 | 5.0 | 7.3 | 4.3 | 5.7 | 5.3 | 5.3 | 4.0 | 4.7 | 5.9 | 5.4 |
| INDIGO | 4.5 | 4.7 | 7.3 | 6.3 | 4.3 | 5.8 | 5.0 | 4.7 | 5.7 | 6.0 | 5.4 |
| J-333 | 6.2 | 4.5 | 7.7 | 6.0 | 5.7 | 4.8 | 5.0 | 4.7 | 4.0 | 5.8 | 5.4 |
| J13-152 | 5.8 | 5.2 | 7.0 | 5.7 | 5.0 | 4.7 | 5.7 | 4.3 | 4.3 | 6.4 | 5.4 |
| RONDE | 3.3 | 5.3 | 6.3 | 5.7 | 4.7 | 3.5 | 6.3 | 5.0 | 6.3 | 7.3 | 5.4 |
| PST-UD-12 | 6.8 | 5.2 | 6.0 | 5.0 | 5.0 | 4.8 | 5.7 | 5.3 | 4.0 | 6.0 | 5.4 |
| TOUCHDOWN | 5.8 | 5.0 | 5.7 | 4.7 | 5.3 | 6.3 | 5.3 | 4.0 | 4.3 | 7.0 | 5.4 |
| HAGA | 5.3 | 6.0 | 7.0 | 3.0 | 4.0 | 5.5 | 6.0 | 5.7 | 4.7 | 6.3 | 5.4 |
| KENBLUE | 2.3 | 5.3 | 8.7 | 5.0 | 4.0 | 4.0 | 6.7 | 3.7 | 5.7 | 7.9 | 5.3 |
| ECLIPSE | 6.5 | 5.0 | 6.0 | 4.7 | 5.3 | 4.8 | 5.0 | 5.3 | 4.3 | 5.9 | 5.3 |

TABLE 7.
(CONT'D)

SPRING GREENUP RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN

| NAME | ID2 | IL1 | IL2 | NE1 | NJ1 | NJ3 | OH2 | OR9 | RI1 | UB1 | MEAN |
|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| KWS PP 13-2 | 6.0 | 4.2 | 6.3 | 5.0 | 6.0 | 4.7 | 5.0 | 3.7 | 5.7 | 6.2 | 5.3 |
| CHALLENGER | 6.2 | 4.7 | 6.7 | 4.0 | 5.0 | 5.5 | 6.0 | 4.3 | 4.3 | 6.0 | 5.3 |
| MELBA | 5.0 | 5.2 | 6.0 | 5.0 | 4.3 | 5.2 | 5.0 | 6.3 | 4.7 | 5.8 | 5.2 |
| BA 77-292 | 5.7 | 4.0 | 5.3 | 4.3 | 5.7 | 5.0 | 5.3 | 5.3 | 5.7 | 6.1 | 5.2 |
| PREAKNESS (602) | 5.8 | 4.0 | 6.0 | 5.0 | 5.7 | 5.2 | 5.0 | 5.7 | 4.0 | 6.1 | 5.2 |
| SR 2000 | 6.7 | 4.0 | 7.0 | 4.7 | 5.7 | 6.2 | 4.7 | 3.7 | 4.0 | 5.9 | 5.2 |
| SOUTH DAKOTA CERT. | 4.3 | 5.7 | 5.0 | 6.0 | 5.3 | 3.8 | 5.3 | 4.0 | 5.0 | 7.8 | 5.2 |
| MONOPOLY | 4.8 | 3.8 | 6.7 | 4.7 | 4.0 | 5.7 | 4.7 | 6.3 | 5.3 | 6.2 | 5.2 |
| BAR VB 1169 | 5.2 | 4.0 | 6.0 | 4.7 | 5.3 | 4.5 | 5.7 | 5.7 | 4.7 | 6.4 | 5.2 |
| CALIBER (J-335) | 5.3 | 3.7 | 6.7 | 4.7 | 5.7 | 5.2 | 5.7 | 4.3 | 4.7 | 5.9 | 5.2 |
| PST-HV-116 | 4.2 | 4.7 | 7.0 | 4.0 | 5.0 | 5.0 | 5.7 | 5.7 | 4.3 | 6.2 | 5.2 |
| PST-A84-803 | 5.8 | 5.2 | 6.0 | 5.7 | 3.3 | 5.3 | 4.7 | 6.0 | 4.3 | 5.3 | 5.2 |
| WW AG 505 | 4.7 | 4.2 | 6.7 | 4.7 | 3.3 | 5.7 | 4.7 | 5.7 | 5.3 | 6.8 | 5.2 |
| ALLURE (BA 73-540) | 6.5 | 3.7 | 6.7 | 6.0 | 3.0 | 4.7 | 5.0 | 5.3 | 4.7 | 5.9 | 5.1 |
| BLACKSBURG | 5.0 | 3.8 | 5.7 | 5.0 | 5.3 | 6.7 | 5.3 | 4.0 | 4.7 | 5.8 | 5.1 |
| BELMONT (798) | 4.8 | 4.3 | 7.0 | 5.7 | 3.7 | 4.8 | 5.3 | 4.0 | 5.3 | 6.1 | 5.1 |
| SR 2100 | 7.0 | 3.8 | 5.0 | 6.0 | 4.3 | 5.3 | 5.0 | 4.3 | 4.3 | 5.9 | 5.1 |
| NUBLUE (J-229) | 5.5 | 4.5 | 7.3 | 4.3 | 4.3 | 5.0 | 5.0 | 4.3 | 4.7 | 6.0 | 5.1 |
| COBALT | 5.8 | 5.0 | 5.0 | 4.7 | 5.7 | 5.0 | 5.7 | 4.3 | 4.0 | 5.8 | 5.1 |
| ABBEY | 5.5 | 4.3 | 5.7 | 5.3 | 3.7 | 5.5 | 5.3 | 4.7 | 5.0 | 5.8 | 5.1 |
| JULIA | 5.3 | 4.3 | 6.3 | 3.7 | 5.3 | 5.2 | 5.7 | 4.3 | 4.3 | 6.2 | 5.1 |
| FORTUNA | 5.5 | 4.2 | 5.3 | 7.0 | 3.3 | 5.0 | 5.0 | 4.7 | 5.0 | 5.6 | 5.1 |
| 4 ACES (PST-FE-88) | 5.3 | 4.2 | 6.0 | 5.0 | 4.3 | 5.2 | 5.3 | 4.3 | 5.0 | 5.7 | 5.0 |
| CHELSEA | 5.3 | 4.3 | 5.3 | 5.0 | 5.3 | 4.7 | 5.0 | 5.0 | 5.0 | 5.3 | 5.0 |
| MERIT | 5.5 | 4.2 | 4.3 | 6.3 | 3.3 | 5.3 | 5.7 | 5.3 | 4.7 | 5.7 | 5.0 |
| EVB 13.863 | 4.8 | 3.5 | 6.3 | 6.3 | 4.0 | 4.8 | 4.3 | 4.3 | 5.3 | 6.0 | 5.0 |
| GLADE | 5.2 | 4.3 | 6.3 | 5.3 | 3.3 | 5.3 | 5.0 | 5.0 | 4.0 | 6.0 | 5.0 |
| PST-A84-928 | 5.3 | 4.2 | 7.3 | 6.3 | 3.0 | 5.2 | 5.0 | 4.0 | 4.0 | 5.4 | 5.0 |
| NUSTAR | 5.5 | 3.2 | 6.7 | 4.0 | 4.0 | 6.0 | 5.3 | 4.7 | 4.7 | 5.7 | 5.0 |
| BA 76-305 | 5.3 | 4.3 | 5.7 | 6.0 | 4.0 | 5.2 | 4.3 | 4.3 | 5.0 | 5.4 | 5.0 |
| PST-A84-405 | 4.5 | 4.3 | 6.3 | 5.0 | 4.0 | 5.7 | 4.3 | 4.7 | 5.0 | 5.7 | 5.0 |
| OPAL | 5.2 | 4.2 | 6.3 | 4.0 | 4.3 | 6.3 | 6.0 | 3.0 | 4.3 | 5.8 | 4.9 |
| VIVA (BA 73-366) | 5.3 | 4.0 | 4.7 | 6.0 | 4.0 | 5.0 | 4.3 | 5.3 | 5.0 | 5.8 | 4.9 |
| BAR VB 852 | 6.2 | 3.5 | 7.3 | 4.7 | 2.7 | 5.2 | 5.7 | 4.0 | 4.3 | 5.9 | 4.9 |
| DONNA | 4.8 | 4.3 | 5.7 | 5.7 | 3.7 | 5.3 | 5.3 | 4.7 | 4.0 | 5.6 | 4.9 |
| LIBERTY | 5.2 | 5.2 | 5.3 | 3.7 | 5.3 | 5.0 | 5.0 | 4.3 | 4.0 | 6.0 | 4.9 |
| PLATINI | 4.5 | 3.8 | 5.3 | 5.0 | 4.3 | 5.0 | 5.0 | 5.0 | 4.7 | 6.3 | 4.9 |
| CREST | 5.0 | 3.8 | 4.7 | 5.7 | 3.7 | 5.0 | 6.0 | 5.3 | 4.7 | 5.1 | 4.9 |
| HV 125 | 5.7 | 4.7 | 4.3 | 4.7 | 4.3 | 4.8 | 5.0 | 5.3 | 4.7 | 5.3 | 4.9 |
| EAGLETON | 3.0 | 4.7 | 7.3 | 5.0 | 3.0 | 5.0 | 6.0 | 4.0 | 4.7 | 6.1 | 4.9 |
| KELLY | 5.3 | 4.0 | 6.0 | 5.7 | 3.7 | 5.0 | 5.3 | 4.7 | 4.0 | 5.1 | 4.9 |
| NOTTINGHAM (BA 77-700) | 4.7 | 4.2 | 5.3 | 4.7 | 3.7 | 5.3 | 5.7 | 4.7 | 4.7 | 5.6 | 4.8 |
| NOBLESSE | 4.2 | 4.3 | 5.3 | 5.7 | 4.3 | 4.8 | 5.0 | 4.7 | 4.3 | 5.7 | 4.8 |
| BA 73-382 | 5.3 | 4.2 | 5.3 | 5.7 | 2.7 | 4.7 | 5.0 | 4.0 | 5.7 | 5.9 | 4.8 |
| PST-A7-1877 | 6.0 | 3.8 | 6.3 | 6.3 | 2.7 | 4.2 | 5.7 | 3.7 | 4.0 | 5.7 | 4.8 |

TABLE 7.
(CONT'D)

SPRING GREENUP RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN

| NAME | ID2 | IL1 | IL2 | NE1 | NJ1 | NJ3 | OH2 | OR9 | RI1 | UB1 | MEAN |
|-------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| FAIRFAX (BA 69-82) | 5.0 | 3.5 | 7.0 | 5.3 | 2.3 | 4.2 | 5.7 | 4.3 | 4.7 | 5.9 | 4.8 |
| OPTI-GREEN (PST-B8-106) | 6.3 | 3.7 | 6.3 | 6.0 | 3.3 | 4.3 | 5.3 | 2.7 | 4.3 | 5.6 | 4.8 |
| RAVEN (BA 78-258) | 5.0 | 4.2 | 5.0 | 5.0 | 3.7 | 5.3 | 5.0 | 4.7 | 4.3 | 5.6 | 4.8 |
| BARZAN | 4.0 | 4.3 | 6.0 | 4.7 | 5.3 | 4.0 | 5.7 | 4.0 | 3.7 | 5.9 | 4.8 |
| MARQUIS | 4.5 | 4.2 | 5.7 | 5.7 | 3.0 | 5.3 | 5.7 | 4.3 | 4.3 | 4.9 | 4.8 |
| PST-R-740 | 5.2 | 4.0 | 7.0 | 5.0 | 3.0 | 4.8 | 5.3 | 3.7 | 4.0 | 5.2 | 4.7 |
| ESTATE | 6.0 | 3.8 | 4.3 | 4.3 | 2.7 | 5.2 | 5.3 | 5.3 | 4.3 | 5.8 | 4.7 |
| BARTITIA | 4.8 | 4.0 | 4.7 | 4.7 | 3.3 | 4.4 | 5.7 | 5.0 | 4.7 | 5.8 | 4.7 |
| ABLE I | 5.2 | 4.3 | 5.3 | 4.3 | 3.7 | 6.5 | 4.3 | 3.7 | 4.0 | 5.6 | 4.7 |
| GNOME | 4.7 | 4.0 | 5.0 | 5.0 | 3.3 | 5.5 | 5.0 | 4.3 | 4.7 | 5.4 | 4.7 |
| RAM-1 | 2.8 | 4.7 | 3.7 | 4.5 | 5.0 | 6.0 | 5.0 | 3.7 | 5.0 | 6.6 | 4.7 |
| BLUE STAR (PST-B8-13) | 4.8 | 4.2 | 4.3 | 7.0 | 3.0 | 5.0 | 5.3 | 4.0 | 3.7 | 5.4 | 4.7 |
| R751A | 4.3 | 4.2 | 6.0 | 3.7 | 3.3 | 5.3 | 5.7 | 4.7 | 4.0 | 5.1 | 4.6 |
| COVENTRY | 4.8 | 3.8 | 5.7 | 5.0 | 2.7 | 4.8 | 5.3 | 3.7 | 4.7 | 5.6 | 4.6 |
| UNIQUE (PST-C-76) | 3.7 | 3.8 | 6.0 | 4.3 | 4.0 | 4.5 | 5.3 | 5.7 | 3.0 | 5.7 | 4.6 |
| CANNON (BA 73-381) | 5.3 | 4.2 | 4.7 | 5.0 | 3.3 | 4.7 | 5.3 | 3.3 | 4.3 | 5.8 | 4.6 |
| LIMOUSINE | 6.7 | 3.5 | 7.0 | 1.7 | 3.0 | 4.3 | 5.7 | 3.7 | 3.7 | 6.3 | 4.6 |
| BA 70-131 | 5.7 | 3.7 | 6.3 | 5.3 | 2.7 | 3.0 | 5.3 | 3.3 | 4.0 | 6.1 | 4.5 |
| PST-A7-341 | 4.7 | 4.0 | 4.3 | 5.0 | 2.7 | 5.2 | 5.7 | 3.7 | 5.0 | 5.1 | 4.5 |
| BARON | 4.5 | 4.0 | 5.0 | 6.3 | 2.3 | 4.7 | 5.3 | 3.0 | 4.3 | 5.7 | 4.5 |
| PST-C-224 | 4.5 | 3.8 | 3.7 | 5.0 | 3.0 | 4.8 | 5.7 | 4.3 | 4.7 | 5.6 | 4.5 |
| TRAMPAS | 5.3 | 4.0 | 5.0 | 4.3 | 3.3 | 4.5 | 5.3 | 4.0 | 3.7 | 5.6 | 4.5 |
| BARMAX (BAR VB 7037) | 4.8 | 3.8 | 4.0 | 4.0 | 2.7 | 5.7 | 5.7 | 3.3 | 4.7 | 5.9 | 4.5 |
| BROADWAY | 2.7 | 4.2 | 7.0 | 3.7 | 3.7 | 5.2 | 4.3 | 5.3 | 3.0 | 5.4 | 4.4 |
| CONNI | 4.2 | 3.8 | 5.7 | 3.3 | 4.3 | 4.5 | 4.7 | 4.3 | 4.0 | 5.4 | 4.4 |
| EVA (WW AG 508) | 4.3 | 4.0 | 4.0 | 4.7 | 3.7 | 4.8 | 5.3 | 3.3 | 4.3 | 5.2 | 4.4 |
| MIRANDA | 4.7 | 3.7 | 6.0 | 5.3 | 1.7 | 3.8 | 5.3 | 3.3 | 4.0 | 5.1 | 4.3 |
| BARCELONA (BAR VB 1184) | 4.7 | 4.0 | 4.3 | 3.0 | 3.0 | 4.7 | 5.7 | 3.3 | 4.3 | 5.6 | 4.3 |
| PST-0514 | 3.8 | 3.7 | 4.7 | 2.7 | 3.0 | 6.0 | 4.3 | 4.7 | 3.7 | 4.8 | 4.1 |
| ASCOT (BA 77-279) | 5.5 | 3.0 | 4.7 | 3.3 | 3.3 | 4.2 | 4.0 | 4.0 | 3.7 | 5.2 | 4.1 |
| BARSWEEP | 2.2 | 3.8 | 4.7 | 3.7 | 3.0 | 4.5 | 4.7 | 4.3 | 3.3 | 5.2 | 3.9 |
| MIDNIGHT | 4.2 | 3.8 | 5.0 | 2.3 | 3.3 | 4.3 | 3.3 | 3.7 | 4.3 | 4.8 | 3.9 |
| PST-1DW | 4.5 | 2.8 | 4.3 | 1.7 | 3.0 | 4.8 | 4.7 | 3.0 | 3.0 | 4.9 | 3.7 |
| APEX (SUMMIT) | 3.2 | 2.7 | 6.7 | 2.0 | 1.7 | 3.8 | 4.7 | 2.7 | 3.7 | 5.0 | 3.6 |
| ALPINE | 3.7 | 2.5 | 5.3 | 3.0 | 1.0 | 3.2 | 4.3 | 2.7 | 2.0 | 4.0 | 3.2 |
| LSD VALUE | 1.9 | 0.9 | 1.6 | 2.3 | 1.2 | 1.4 | 1.0 | 1.9 | 1.3 | 1.2 | 0.5 |

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).

TABLE 8. LEAF TEXTURE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

LEAF TEXTURE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/

| NAME | KY1 | NJ3 | OR9 | RI1 | VA2 | MEAN |
|----------------------|-----|-----|-----|-----|-----|------|
| CYNTHIA | 8.3 | 6.9 | 6.3 | 7.0 | 8.7 | 7.4 |
| PST-0514 | 9.0 | 6.1 | 7.0 | 6.0 | 8.3 | 7.3 |
| UNIQUE (PST-C-76) | 9.0 | 6.1 | 7.0 | 5.0 | 8.3 | 7.1 |
| APEX (SUMMIT) | 9.0 | 6.8 | 7.0 | 6.3 | 6.0 | 7.0 |
| EVA (WW AG 508) | 8.7 | 6.8 | 7.0 | 6.3 | 6.3 | 7.0 |
| PSU-151 | 8.7 | 6.1 | 5.7 | 5.7 | 8.7 | 7.0 |
| MIDNIGHT | 9.0 | 6.6 | 5.7 | 5.0 | 8.3 | 6.9 |
| ALPINE | 8.3 | 7.1 | 6.3 | 5.7 | 7.0 | 6.9 |
| BAR VB 852 | 9.0 | 6.1 | 5.0 | 5.7 | 8.7 | 6.9 |
| BARBLUE | 8.7 | 6.8 | 6.3 | 5.3 | 7.3 | 6.9 |
| WW AG 505 | 9.0 | 6.9 | 6.7 | 6.3 | 5.3 | 6.8 |
| KENBLUE | 8.0 | 5.6 | 5.7 | 6.0 | 8.7 | 6.8 |
| LIMOUSINE | 7.0 | 7.2 | 7.0 | 5.7 | 6.7 | 6.7 |
| SILVIA | 7.7 | 6.2 | 6.3 | 5.3 | 8.0 | 6.7 |
| PST-1DW | 7.0 | 6.7 | 6.3 | 5.3 | 8.0 | 6.7 |
| EVB 13.863 | 7.0 | 6.8 | 5.7 | 5.7 | 8.0 | 6.6 |
| BARMAX (BAR VB 7037) | 7.3 | 6.0 | 5.7 | 6.0 | 8.0 | 6.6 |
| CARDIFF | 8.0 | 6.2 | 5.0 | 5.7 | 8.0 | 6.6 |
| CONNI | 9.0 | 6.6 | 5.7 | 5.3 | 6.3 | 6.6 |
| HAGA | 9.0 | 5.3 | 5.0 | 5.7 | 7.7 | 6.5 |
| ASCOT (BA 77-279) | 7.7 | 5.4 | 6.3 | 5.3 | 7.7 | 6.5 |
| OPAL | 8.0 | 6.0 | 5.7 | 5.0 | 7.7 | 6.5 |
| ECLIPSE | 8.0 | 6.0 | 5.0 | 5.3 | 8.0 | 6.5 |
| ABLE I | 7.3 | 6.0 | 6.0 | 5.7 | 7.0 | 6.4 |
| NUSTAR | 7.3 | 5.7 | 5.0 | 5.3 | 8.7 | 6.4 |
| WASHINGTON | 7.7 | 6.7 | 5.0 | 5.7 | 7.0 | 6.4 |
| GEORGETOWN | 8.3 | 5.6 | 4.3 | 5.3 | 8.3 | 6.4 |
| BARTITIA | 8.0 | 6.1 | 5.0 | 5.0 | 7.7 | 6.4 |
| RONDE | 8.0 | 4.8 | 4.3 | 6.0 | 8.7 | 6.4 |
| TOUCHDOWN | 8.0 | 5.9 | 5.7 | 4.7 | 7.3 | 6.3 |
| BLACKSBURG | 8.7 | 5.4 | 4.7 | 5.0 | 7.7 | 6.3 |
| SUFFOLK | 7.3 | 5.8 | 5.0 | 5.0 | 8.3 | 6.3 |
| RITA (PST-UD-10) | 8.3 | 5.2 | 5.0 | 4.7 | 8.0 | 6.2 |
| EAGLETON | 8.7 | 5.2 | 3.7 | 5.0 | 8.7 | 6.2 |
| EVB 13.703 | 7.0 | 5.9 | 5.7 | 5.3 | 7.3 | 6.2 |
| AMPELLIA | 7.0 | 5.4 | 5.0 | 5.7 | 8.0 | 6.2 |
| J-386 | 7.3 | 5.8 | 4.3 | 6.0 | 7.7 | 6.2 |
| INDIGO | 8.0 | 5.6 | 5.0 | 5.7 | 6.7 | 6.2 |
| J13-152 | 8.0 | 5.9 | 4.3 | 5.0 | 7.7 | 6.2 |
| RAM-1 | 8.0 | 5.2 | 4.3 | 5.0 | 8.3 | 6.2 |
| 1757 | 8.0 | 5.1 | 5.0 | 5.0 | 7.7 | 6.2 |
| GLADE | 7.0 | 5.4 | 4.3 | 5.3 | 8.7 | 6.2 |
| ASPEN | 8.3 | 5.3 | 3.7 | 5.0 | 8.3 | 6.1 |
| TRENTON | 8.0 | 5.6 | 5.0 | 5.0 | 7.0 | 6.1 |
| BARONIE (BAR VB 985) | 8.0 | 5.2 | 5.0 | 5.0 | 7.3 | 6.1 |

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE

| NAME | KY1 | NJ3 | OR9 | RI1 | VA2 | MEAN |
|-------------------------|-----|-----|-----|-----|-----|------|
| FREEDOM | 7.7 | 5.8 | 5.0 | 5.0 | 7.0 | 6.1 |
| J11-94 | 7.3 | 5.7 | 5.0 | 5.3 | 7.0 | 6.1 |
| DAWN | 8.0 | 5.2 | 5.0 | 5.0 | 7.0 | 6.0 |
| GREENLEY | 7.7 | 4.6 | 5.0 | 5.3 | 7.7 | 6.0 |
| A-34 | 8.0 | 5.1 | 5.0 | 5.0 | 7.0 | 6.0 |
| PRINCETON 104 | 8.7 | 4.8 | 3.7 | 5.0 | 8.0 | 6.0 |
| BANFF | 7.7 | 5.3 | 5.0 | 5.0 | 7.0 | 6.0 |
| MONOPOLY | 8.0 | 5.3 | 3.7 | 5.0 | 8.0 | 6.0 |
| PREAKNESS (602) | 8.3 | 5.3 | 4.0 | 5.0 | 7.3 | 6.0 |
| CHALLENGER | 8.0 | 5.1 | 3.7 | 5.0 | 8.0 | 6.0 |
| MIRANDA | 8.0 | 6.1 | 4.3 | 5.7 | 5.7 | 6.0 |
| PENNPRO (PR-1) | 6.7 | 5.8 | 5.3 | 5.0 | 7.0 | 6.0 |
| CALIBER (J-335) | 5.3 | 6.1 | 5.0 | 5.3 | 8.0 | 6.0 |
| J-333 | 7.0 | 5.7 | 3.7 | 5.3 | 8.0 | 5.9 |
| LIVINGSTON | 8.3 | 5.0 | 4.3 | 5.0 | 7.0 | 5.9 |
| BARCELONA (BAR VB 1184) | 6.3 | 6.2 | 4.3 | 5.3 | 7.3 | 5.9 |
| NUBLUE (J-229) | 7.0 | 5.9 | 4.3 | 5.0 | 7.3 | 5.9 |
| 4 ACES (PST-RE-88) | 8.0 | 4.8 | 3.7 | 5.0 | 8.0 | 5.9 |
| CLASSIC | 7.0 | 5.4 | 5.0 | 5.3 | 6.7 | 5.9 |
| J34-99 | 6.7 | 5.4 | 5.0 | 5.0 | 7.0 | 5.8 |
| MERION | 8.0 | 4.4 | 3.7 | 5.0 | 8.0 | 5.8 |
| SOUTH DAKOTA CERT. | 8.3 | 4.3 | 4.3 | 4.0 | 8.0 | 5.8 |
| PST-HV-116 | 6.0 | 5.3 | 5.7 | 4.7 | 7.0 | 5.7 |
| BARSWEEP | 6.3 | 6.0 | 4.3 | 5.7 | 6.3 | 5.7 |
| COVENTRY | 7.0 | 5.3 | 3.0 | 5.0 | 8.3 | 5.7 |
| BAR VB 1169 | 6.3 | 5.9 | 4.3 | 5.3 | 6.7 | 5.7 |
| DONNA | 7.0 | 6.2 | 4.3 | 4.3 | 6.7 | 5.7 |
| JULIA | 5.3 | 5.9 | 5.0 | 5.0 | 7.3 | 5.7 |
| TRAMPAS | 7.7 | 4.6 | 5.0 | 5.3 | 6.0 | 5.7 |
| BARZAN | 7.3 | 4.8 | 5.0 | 5.0 | 6.3 | 5.7 |
| BARON | 7.7 | 5.1 | 3.0 | 5.0 | 7.7 | 5.7 |
| CHELSEA | 7.0 | 5.4 | 4.3 | 5.0 | 6.7 | 5.7 |
| PST-UD-12 | 7.7 | 5.4 | 3.7 | 4.7 | 7.0 | 5.7 |
| NE 80-47 | 7.0 | 5.4 | 3.0 | 5.0 | 8.0 | 5.7 |
| KWS PP 13-2 | 7.0 | 4.7 | 3.7 | 5.0 | 8.0 | 5.7 |
| GNOME | 7.0 | 5.2 | 3.0 | 5.0 | 8.0 | 5.6 |
| MINSTREL | 6.3 | 5.2 | 4.3 | 5.0 | 7.3 | 5.6 |
| PLATINI | 5.3 | 5.8 | 3.7 | 5.7 | 7.7 | 5.6 |
| SHAMROCK (H86-712) | 7.0 | 5.4 | 3.7 | 4.7 | 7.3 | 5.6 |
| FAIRFAX (BA 69-82) | 7.0 | 5.0 | 3.0 | 4.7 | 8.3 | 5.6 |
| MIRACLE | 6.3 | 5.6 | 4.3 | 5.7 | 6.0 | 5.6 |
| PST-A7-341 | 6.0 | 5.6 | 3.7 | 5.3 | 7.3 | 5.6 |
| BLUE STAR (PST-B8-13) | 7.0 | 5.3 | 3.0 | 4.7 | 7.7 | 5.5 |
| MELBA | 6.0 | 5.6 | 5.7 | 4.7 | 5.7 | 5.5 |
| CREST | 7.0 | 5.4 | 3.0 | 4.7 | 7.3 | 5.5 |

TABLE 8. LEAF TEXTURE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE

| NAME | KY1 | NJ3 | OR9 | RI1 | VA2 | MEAN |
|-------------------------|-----|-----|-----|-----|-----|------|
| PST-A7-1877 | 7.0 | 5.1 | 3.0 | 4.7 | 7.7 | 5.5 |
| KELLY | 6.3 | 4.7 | 3.0 | 5.3 | 8.0 | 5.5 |
| LIBERTY | 6.0 | 5.0 | 4.3 | 4.7 | 7.3 | 5.5 |
| ABBEY | 7.0 | 5.1 | 3.0 | 4.7 | 7.3 | 5.4 |
| FORTUNA | 5.3 | 5.4 | 3.0 | 5.0 | 8.3 | 5.4 |
| NASSAU | 6.7 | 4.7 | 4.0 | 4.7 | 7.0 | 5.4 |
| BROADWAY | 6.0 | 5.3 | 3.0 | 5.3 | 7.3 | 5.4 |
| CANNON (BA 73-381) | 7.3 | 4.4 | 3.0 | 5.0 | 7.0 | 5.4 |
| PST-A84-928 | 6.0 | 5.0 | 3.0 | 5.0 | 7.7 | 5.3 |
| BELMONT (798) | 7.0 | 4.9 | 3.0 | 4.7 | 7.0 | 5.3 |
| OPTI-GREEN (PST-B8-106) | 5.0 | 5.1 | 4.0 | 4.7 | 7.7 | 5.3 |
| ALLURE (BA 73-540) | 6.0 | 4.8 | 3.0 | 5.3 | 7.3 | 5.3 |
| SR 2000 | 7.0 | 4.1 | 3.0 | 4.3 | 8.0 | 5.3 |
| PST-C-224 | 6.0 | 4.9 | 3.0 | 5.0 | 7.3 | 5.2 |
| COBALT | 6.3 | 4.8 | 3.0 | 5.0 | 7.0 | 5.2 |
| NOBLESSE | 5.7 | 5.4 | 3.7 | 4.7 | 6.7 | 5.2 |
| ESTATE | 6.0 | 4.7 | 3.0 | 4.7 | 7.7 | 5.2 |
| MERIT | 6.3 | 5.0 | 3.0 | 4.7 | 7.0 | 5.2 |
| BA 76-305 | 6.3 | 5.2 | 3.0 | 4.7 | 6.7 | 5.2 |
| DESTINY | 7.0 | 4.2 | 3.0 | 4.3 | 7.3 | 5.2 |
| GINGER | 7.0 | 3.8 | 3.7 | 4.7 | 6.7 | 5.2 |
| MARQUIS | 6.0 | 4.8 | 3.0 | 5.0 | 7.0 | 5.2 |
| NOTTINGHAM (BA 77-700) | 6.0 | 4.7 | 3.0 | 5.0 | 7.0 | 5.1 |
| R751A | 5.3 | 5.0 | 3.0 | 5.0 | 7.3 | 5.1 |
| BA 77-292 | 7.0 | 4.2 | 3.0 | 4.0 | 7.3 | 5.1 |
| PST-R-740 | 6.0 | 5.2 | 3.0 | 4.3 | 7.0 | 5.1 |
| BA 70-131 | 6.0 | 4.3 | 3.0 | 4.7 | 7.3 | 5.1 |
| RAVEN (BA 78-258) | 5.3 | 5.0 | 3.0 | 4.7 | 7.3 | 5.1 |
| SR 2100 | 6.3 | 4.3 | 3.0 | 4.3 | 7.3 | 5.1 |
| BA 73-382 | 6.0 | 4.6 | 3.0 | 4.3 | 7.3 | 5.0 |
| BUCKINGHAM (BA 74-114) | 7.0 | 4.2 | 3.0 | 4.3 | 6.3 | 5.0 |
| PST-A84-803 | 6.0 | 4.8 | 3.0 | 4.3 | 6.7 | 5.0 |
| PST-A84-405 | 6.0 | 4.3 | 3.0 | 4.3 | 7.0 | 4.9 |
| HV 125 | 5.3 | 4.6 | 3.0 | 4.7 | 7.0 | 4.9 |
| VIVA (BA 73-366) | 4.3 | 4.8 | 3.0 | 4.3 | 7.3 | 4.8 |
| LSD VALUE | 0.8 | 0.6 | 1.4 | 0.8 | 1.5 | 0.4 |

1/ LEAF TEXTURE RATED AT "OR9" IN 1992, AT "VA2" IN 1994, AT "KY1" & "RI1" IN 1995 AND AT "NJ3" IN 1991, 1992 & 1993.

2/ 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).

TABLE 9. SEEDLING VIGOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/

| NAME | CO1 | ID2 | NJ1 | NJ2 | ON1 | OR9 | RI1 | MEAN |
|------------------------|-----|-----|-----|-----|-----|-----|-----|------|
| FREEDOM | 6.7 | 6.0 | 8.3 | 8.3 | 8.3 | 8.0 | 5.0 | 7.2 |
| BANFF | 6.3 | 7.7 | 8.3 | 8.0 | 8.3 | 7.7 | 4.0 | 7.2 |
| PSU-151 | 6.0 | 6.7 | 8.0 | 7.7 | 8.0 | 7.7 | 4.7 | 7.0 |
| EAGLETON | 6.3 | 6.0 | 8.0 | 8.0 | 7.3 | 7.3 | 5.0 | 6.9 |
| KENBLUE | 6.7 | 5.7 | 8.0 | 8.0 | 8.3 | 7.7 | 3.7 | 6.9 |
| SUFFOLK | 6.0 | 5.3 | 8.7 | 7.7 | 8.0 | 8.0 | 3.7 | 6.8 |
| BAR VB 852 | 7.7 | 4.7 | 8.7 | 7.7 | 6.3 | 7.7 | 4.7 | 6.8 |
| BARONIE (BAR VB 985) | 4.7 | 6.3 | 8.7 | 7.7 | 8.0 | 8.3 | 3.7 | 6.8 |
| CLASSIC | 6.7 | 5.0 | 8.3 | 7.0 | 8.0 | 7.7 | 4.7 | 6.8 |
| WASHINGTON | 7.7 | 6.7 | 6.7 | 7.0 | 7.7 | 7.3 | 4.0 | 6.7 |
| PLATINI | 7.7 | 5.0 | 8.3 | 7.3 | 6.7 | 7.3 | 4.3 | 6.7 |
| HAGA | 6.3 | 5.3 | 8.3 | 7.3 | 7.3 | 7.7 | 4.3 | 6.7 |
| GEORGETOWN | 7.0 | 5.7 | 7.0 | 7.0 | 7.3 | 8.0 | 4.3 | 6.6 |
| MONOPOLY | 6.0 | 4.7 | 8.3 | 8.0 | 7.7 | 7.7 | 4.0 | 6.6 |
| BARTITIA | 7.3 | 4.0 | 8.3 | 8.0 | 6.3 | 7.7 | 4.3 | 6.6 |
| OPAL | 6.7 | 6.0 | 8.0 | 7.3 | 6.7 | 7.3 | 4.0 | 6.6 |
| DAWN | 5.0 | 6.7 | 7.7 | 7.3 | 7.3 | 7.3 | 3.7 | 6.4 |
| RONDE | 7.0 | 6.0 | 7.7 | 7.3 | 6.0 | 7.3 | 3.7 | 6.4 |
| BARON | 6.0 | 3.7 | 7.7 | 7.7 | 8.3 | 7.0 | 4.3 | 6.4 |
| J-333 | 6.7 | 5.7 | 7.0 | 7.3 | 7.0 | 7.7 | 3.3 | 6.4 |
| GREENLEY | 6.3 | 5.3 | 7.0 | 7.3 | 7.7 | 7.3 | 3.7 | 6.4 |
| MIRANDA | 6.3 | 7.3 | 7.0 | 7.0 | 6.0 | 7.0 | 4.0 | 6.4 |
| NOTTINGHAM (BA 77-700) | 5.7 | 7.3 | 7.0 | 7.3 | 6.3 | 7.0 | 4.0 | 6.4 |
| NUBLUE (J-229) | 6.3 | 5.3 | 7.3 | 7.0 | 7.3 | 7.7 | 3.7 | 6.4 |
| SILVIA | 5.7 | 5.7 | 6.7 | 7.0 | 7.0 | 8.0 | 4.3 | 6.3 |
| J34-99 | 6.0 | 5.7 | 7.0 | 7.0 | 6.7 | 7.7 | 4.0 | 6.3 |
| PRINCETON 104 | 7.0 | 4.7 | 7.3 | 6.7 | 6.3 | 7.3 | 4.7 | 6.3 |
| GLADE | 5.3 | 6.3 | 7.7 | 7.0 | 7.0 | 6.7 | 4.0 | 6.3 |
| J13-152 | 6.3 | 5.0 | 7.0 | 7.0 | 7.0 | 7.3 | 4.0 | 6.2 |
| SOUTH DAKOTA CERT. | 6.3 | 5.0 | 7.3 | 8.0 | 6.3 | 7.0 | 3.7 | 6.2 |
| TRENTON | 6.3 | 4.7 | 7.7 | 7.0 | 6.3 | 7.7 | 4.0 | 6.2 |
| CYNTHIA | 5.7 | 6.0 | 7.7 | 7.0 | 6.0 | 7.3 | 3.7 | 6.2 |
| BA 73-382 | 5.3 | 6.3 | 7.3 | 7.0 | 6.7 | 7.0 | 3.7 | 6.2 |
| J11-94 | 5.7 | 6.7 | 7.0 | 7.7 | 5.3 | 7.3 | 3.3 | 6.1 |
| MIRACLE | 6.3 | 4.3 | 7.3 | 7.0 | 6.0 | 7.3 | 4.7 | 6.1 |
| PST-A84-928 | 6.7 | 4.7 | 7.3 | 7.0 | 6.3 | 7.0 | 4.0 | 6.1 |
| RAM-1 | 6.7 | 5.0 | 6.7 | 7.0 | 6.7 | 7.0 | 4.0 | 6.1 |
| KELLY | 6.7 | 6.0 | 6.7 | 7.0 | 5.7 | 7.3 | 3.3 | 6.1 |
| GINGER | 5.3 | 5.3 | 7.0 | 7.7 | 7.7 | 7.0 | 2.7 | 6.1 |
| MERIT | 6.3 | 4.3 | 7.0 | 7.0 | 6.7 | 7.3 | 4.0 | 6.1 |
| PREAKNESS (602) | 6.3 | 4.7 | 7.3 | 7.0 | 5.3 | 7.3 | 4.7 | 6.1 |
| FAIRFAX (BA 69-82) | 4.7 | 6.5 | 7.3 | 7.0 | 6.0 | 6.7 | 4.3 | 6.1 |
| GNOME | 6.7 | 4.7 | 6.7 | 7.0 | 6.3 | 6.7 | 4.3 | 6.0 |
| LIBERTY | 6.3 | 4.7 | 7.7 | 6.7 | 6.0 | 7.3 | 3.7 | 6.0 |
| PST-R-740 | 6.7 | 6.0 | 6.7 | 7.0 | 5.7 | 7.0 | 3.3 | 6.0 |

TABLE 9. SEEDLING VIGOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR

| NAME | CO1 | ID2 | NJ1 | NJ2 | ON1 | OR9 | RI1 | MEAN |
|-------------------------|-----|-----|-----|-----|-----|-----|-----|------|
| BA 76-305 | 6.7 | 5.7 | 6.7 | 7.0 | 5.3 | 7.3 | 3.7 | 6.0 |
| BARMAX (BAR VB 7037) | 6.3 | 5.3 | 6.7 | 7.0 | 6.3 | 6.7 | 4.0 | 6.0 |
| PST-UD-12 | 6.3 | 4.0 | 7.0 | 7.0 | 5.3 | 8.0 | 4.7 | 6.0 |
| SR 2100 | 6.7 | 4.3 | 6.3 | 7.3 | 7.0 | 7.0 | 3.7 | 6.0 |
| ABLE I | 4.7 | 5.7 | 7.3 | 6.3 | 6.7 | 7.0 | 4.3 | 6.0 |
| BA 77-292 | 6.0 | 5.7 | 6.0 | 7.0 | 7.0 | 7.0 | 3.3 | 6.0 |
| MARQUIS | 6.7 | 4.7 | 6.7 | 7.0 | 5.7 | 7.0 | 4.3 | 6.0 |
| CANNON (BA 73-381) | 6.3 | 4.3 | 7.0 | 7.0 | 6.3 | 7.0 | 4.0 | 6.0 |
| JULIA | 6.7 | 4.7 | 6.7 | 7.0 | 6.0 | 7.3 | 3.7 | 6.0 |
| NASSAU | 5.7 | 4.7 | 7.7 | 7.3 | 5.7 | 7.3 | 3.7 | 6.0 |
| VIVA (BA 73-366) | 5.7 | 6.0 | 7.0 | 7.0 | 5.7 | 6.7 | 4.0 | 6.0 |
| ABBEY | 5.3 | 5.7 | 7.3 | 7.0 | 6.3 | 7.0 | 3.0 | 6.0 |
| R751A | 6.3 | 4.7 | 6.3 | 7.0 | 6.0 | 7.0 | 4.3 | 6.0 |
| RAVEN (BA 78-258) | 6.0 | 5.3 | 7.0 | 7.0 | 5.7 | 7.0 | 3.7 | 6.0 |
| MELBA | 6.0 | 4.7 | 6.7 | 7.0 | 6.3 | 7.3 | 3.3 | 5.9 |
| SHAMROCK (H86-712) | 6.0 | 3.3 | 7.3 | 7.0 | 6.0 | 7.0 | 4.3 | 5.9 |
| A-34 | 7.0 | 4.7 | 6.7 | 6.0 | 4.7 | 7.0 | 5.0 | 5.9 |
| ALLURE (BA 73-540) | 5.7 | 4.7 | 7.3 | 7.0 | 5.0 | 7.3 | 4.0 | 5.9 |
| CALIBER (J-335) | 7.3 | 4.0 | 6.7 | 7.0 | 5.0 | 7.0 | 4.0 | 5.9 |
| ESTATE | 5.7 | 5.3 | 7.0 | 6.7 | 4.3 | 7.3 | 4.7 | 5.9 |
| J-386 | 6.7 | 5.0 | 5.7 | 7.3 | 6.3 | 6.7 | 3.3 | 5.9 |
| LIVINGSTON | 6.3 | 5.3 | 6.3 | 6.3 | 5.7 | 7.3 | 3.7 | 5.9 |
| RITA (PST-UD-10) | 6.3 | 5.0 | 7.0 | 6.3 | 5.0 | 7.3 | 4.0 | 5.9 |
| COVENTRY | 6.0 | 6.3 | 7.0 | 6.7 | 3.7 | 7.0 | 4.0 | 5.8 |
| BARCELONA (BAR VB 1184) | 6.7 | 3.7 | 6.7 | 7.0 | 6.0 | 6.7 | 4.0 | 5.8 |
| DNNA | 6.3 | 5.0 | 7.3 | 6.0 | 5.0 | 7.3 | 3.7 | 5.8 |
| ASCOT (BA 77-279) | 5.3 | 5.7 | 6.0 | 6.7 | 6.3 | 7.0 | 3.3 | 5.8 |
| ASPEN | 4.7 | 5.3 | 7.3 | 7.0 | 5.3 | 7.3 | 3.3 | 5.8 |
| BAR VB 1169 | 6.0 | 4.7 | 7.3 | 7.0 | 4.0 | 7.3 | 4.0 | 5.8 |
| CARDIFF | 5.7 | 5.3 | 7.0 | 6.7 | 6.0 | 6.7 | 3.0 | 5.8 |
| ECLIPSE | 6.0 | 3.7 | 6.3 | 6.7 | 6.3 | 7.3 | 4.0 | 5.8 |
| FORTUNA | 4.7 | 4.3 | 7.0 | 6.7 | 6.3 | 7.3 | 4.0 | 5.8 |
| PST-A7-341 | 6.3 | 4.0 | 6.3 | 6.7 | 5.7 | 7.3 | 4.0 | 5.8 |
| BROADWAY | 6.0 | 4.3 | 7.0 | 6.7 | 4.0 | 7.7 | 4.7 | 5.8 |
| NOBLESSE | 7.0 | 3.0 | 6.3 | 6.3 | 5.3 | 7.0 | 5.0 | 5.7 |
| PST-0514 | 5.7 | 4.7 | 7.7 | 7.0 | 4.0 | 7.0 | 4.0 | 5.7 |
| CREST | 5.7 | 4.7 | 7.3 | 7.0 | 5.3 | 7.0 | 2.7 | 5.7 |
| LIMOUSINE | 5.3 | 4.3 | 6.0 | 7.0 | 7.0 | 6.7 | 3.3 | 5.7 |
| INDIGO | 5.7 | 5.0 | 7.3 | 6.3 | 4.7 | 7.0 | 3.3 | 5.6 |
| PENNPRO (PR-1) | 7.3 | 5.0 | 7.0 | 6.0 | 3.3 | 7.3 | 3.3 | 5.6 |
| PST-A84-405 | 6.7 | 3.0 | 6.3 | 6.7 | 5.3 | 7.3 | 4.0 | 5.6 |
| PST-A84-803 | 6.0 | 3.3 | 7.0 | 6.7 | 5.7 | 7.0 | 3.7 | 5.6 |
| ALPINE | 6.3 | 3.0 | 7.3 | 7.0 | 5.0 | 6.7 | 4.0 | 5.6 |
| APEX (SUMMIT) | 5.7 | 4.3 | 7.0 | 6.7 | 5.0 | 7.0 | 3.3 | 5.6 |
| BA 70-131 | 4.7 | 4.0 | 7.0 | 7.3 | 4.7 | 7.0 | 4.3 | 5.6 |

TABLE 9. SEEDLING VIGOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR

| NAME | CO1 | ID2 | NJ1 | NJ2 | ON1 | OR9 | RI1 | MEAN |
|-------------------------|-----|-----|-----|-----|-----|-----|-----|------|
| 4 ACES (PST-RE-88) | 6.3 | 3.7 | 6.7 | 6.3 | 4.3 | 7.3 | 4.3 | 5.6 |
| EVB 13.863 | 6.7 | 3.3 | 6.3 | 7.0 | 5.3 | 7.3 | 2.7 | 5.5 |
| EVA (WW AG 508) | 5.0 | 5.3 | 7.0 | 6.7 | 3.7 | 7.3 | 3.3 | 5.5 |
| TRAMPAS | 5.7 | 5.3 | 7.0 | 6.7 | 3.7 | 7.0 | 3.0 | 5.5 |
| 1757 | 5.7 | 3.7 | 7.0 | 6.3 | 4.0 | 7.3 | 4.0 | 5.4 |
| BARSWEET | 5.3 | 4.0 | 7.3 | 6.3 | 4.0 | 7.0 | 4.0 | 5.4 |
| CONNIE | 5.7 | 5.0 | 6.3 | 5.7 | 4.7 | 7.0 | 3.7 | 5.4 |
| SR 2000 | 5.7 | 4.0 | 6.0 | 6.3 | 5.7 | 6.7 | 3.7 | 5.4 |
| EVB 13.703 | 4.0 | 5.3 | 7.0 | 7.0 | 5.0 | 7.0 | 2.7 | 5.4 |
| PST-A7-1877 | 6.0 | 4.0 | 5.3 | 6.3 | 4.7 | 7.0 | 4.7 | 5.4 |
| TOUCHDOWN | 6.7 | 3.7 | 6.0 | 6.7 | 4.7 | 7.0 | 3.0 | 5.4 |
| CHALLENGER | 5.7 | 4.3 | 7.0 | 6.3 | 3.3 | 7.0 | 4.0 | 5.4 |
| NE 80-47 | 5.7 | 5.3 | 5.7 | 5.7 | 4.5 | 7.0 | 3.7 | 5.4 |
| HV 125 | 5.3 | 3.7 | 6.3 | 6.0 | 4.0 | 7.3 | 4.0 | 5.2 |
| UNIQUE (PST-C-76) | 5.7 | 4.3 | 6.0 | 6.0 | 2.7 | 7.3 | 4.7 | 5.2 |
| BARBLUE | 6.0 | 4.3 | 7.0 | 5.0 | 3.7 | 7.0 | 3.3 | 5.2 |
| DESTINY | 4.3 | 5.3 | 6.0 | 5.7 | 3.7 | 7.0 | 4.0 | 5.1 |
| MIDNIGHT | 5.0 | 3.7 | 7.3 | 6.7 | 2.7 | 7.0 | 3.7 | 5.1 |
| BLUE STAR (PST-B8-13) | 5.7 | 3.7 | 5.7 | 6.3 | 4.0 | 7.0 | 3.7 | 5.1 |
| OPTI-GREEN (PST-B8-106) | 6.0 | 3.0 | 5.0 | 6.7 | 4.0 | 7.0 | 4.0 | 5.1 |
| PST-HV-116 | 5.3 | 3.3 | 6.7 | 5.7 | 4.0 | 7.0 | 3.7 | 5.1 |
| BELMONT (798) | 5.3 | 3.3 | 6.0 | 6.0 | 3.3 | 7.3 | 4.0 | 5.0 |
| MINSTREL | 5.7 | 3.0 | 6.7 | 4.7 | 4.0 | 6.7 | 4.3 | 5.0 |
| BUCKINGHAM (BA 74-114) | 5.0 | 4.3 | 5.7 | 5.3 | 4.7 | 7.0 | 3.0 | 5.0 |
| PST-1DW | 5.0 | 2.7 | 6.7 | 6.3 | 3.7 | 6.7 | 4.0 | 5.0 |
| WW AG 505 | 6.0 | 3.3 | 6.0 | 6.3 | 3.3 | 7.0 | 3.0 | 5.0 |
| NUSTAR | 4.3 | 4.0 | 4.3 | 6.0 | 4.7 | 7.3 | 4.0 | 5.0 |
| BARZAN | 3.7 | 2.0 | 7.0 | 5.7 | 4.3 | 7.0 | 3.3 | 4.7 |
| COBALT | 5.3 | 4.0 | 4.0 | 5.3 | 3.7 | 7.0 | 3.7 | 4.7 |
| PST-C-224 | 5.7 | 3.0 | 4.3 | 6.0 | 3.0 | 7.0 | 4.0 | 4.7 |
| AMPELLIA | 5.0 | 3.0 | 6.0 | 4.3 | 4.0 | 6.3 | 4.0 | 4.7 |
| KWS PP 13-2 | 5.0 | 2.7 | 3.0 | 4.7 | 3.7 | 6.7 | 3.7 | 4.2 |
| CHELSEA | 5.3 | 2.0 | 2.3 | 4.7 | 3.3 | 7.0 | 3.0 | 4.0 |
| BLACKSBURG | 5.0 | 1.7 | 3.7 | 1.3 | 1.7 | 6.0 | 2.0 | 3.0 |
| MERION | 3.7 | 2.0 | 1.7 | 1.0 | 1.0 | 6.3 | 1.7 | 2.5 |
| LSD VALUE | 1.9 | 2.8 | 1.2 | 0.8 | 1.8 | 0.7 | 1.2 | 0.6 |

1/ SEEDLING VIGOR RATED IN 1991.

2/ 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).

TABLE 10.

SPRING DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

| NAME | NJ3 | ON1 | OR9 | MEAN | NAME | NJ3 | ON1 | OR9 | MEAN |
|-------------------------|-----|-----|-----|------|-------------------------|-----|-----|-----|------|
| LIMOUSINE | 6.4 | 4.0 | 7.7 | 6.0 | RAM-1 | 4.7 | 3.7 | 6.0 | 4.8 |
| APEX (SUMMIT) | 6.2 | 4.0 | 7.0 | 5.7 | TRENTON | 5.3 | 4.0 | 5.0 | 4.8 |
| SILVIA | 6.1 | 4.3 | 6.0 | 5.5 | ABLE I | 5.2 | 3.3 | 5.7 | 4.7 |
| JULIA | 5.6 | 4.0 | 6.7 | 5.4 | BARCELONA (BAR VB 1184) | 5.6 | 3.3 | 5.3 | 4.7 |
| PENNPRO (PR-1) | 5.2 | 4.0 | 6.7 | 5.3 | CARDIFF | 5.9 | 3.7 | 4.7 | 4.7 |
| BLACKSBURG | 6.1 | 3.0 | 6.7 | 5.3 | COVENTRY | 5.6 | 3.0 | 5.7 | 4.7 |
| PST-C-224 | 5.7 | 3.0 | 6.7 | 5.1 | PST-A84-803 | 5.2 | 3.7 | 5.3 | 4.7 |
| TOUCHDOWN | 5.7 | 4.0 | 5.7 | 5.1 | BA 70-131 | 4.4 | 4.0 | 5.7 | 4.7 |
| CALIBER (J-335) | 6.0 | 3.0 | 6.3 | 5.1 | KELLY | 4.1 | 4.3 | 5.7 | 4.7 |
| SUFFOLK | 5.0 | 5.0 | 5.3 | 5.1 | 4 ACES (PST-RE-88) | 4.3 | 4.3 | 5.3 | 4.7 |
| CONNI | 5.9 | 3.3 | 6.0 | 5.1 | BAR VB 852 | 6.0 | 3.0 | 5.0 | 4.7 |
| BAR VB 1169 | 5.9 | 3.7 | 5.7 | 5.1 | BLUE STAR (PST-B8-13) | 5.0 | 3.3 | 5.7 | 4.7 |
| CYNTHIA | 5.9 | 3.7 | 5.7 | 5.1 | BUCKINGHAM (BA 74-114) | 4.0 | 3.7 | 6.3 | 4.7 |
| PST-1DW | 5.9 | 3.0 | 6.3 | 5.1 | COBALT | 4.0 | 3.0 | 7.0 | 4.7 |
| BARSWEEP | 6.8 | 3.3 | 5.0 | 5.1 | ECLIPSE | 5.7 | 2.7 | 5.7 | 4.7 |
| EVB 13.863 | 5.8 | 3.3 | 6.0 | 5.0 | FORTUNA | 5.0 | 3.3 | 5.7 | 4.7 |
| J-333 | 5.4 | 3.3 | 6.3 | 5.0 | GEORGETOWN | 5.3 | 3.3 | 5.3 | 4.7 |
| PRINCETON 104 | 5.1 | 3.0 | 7.0 | 5.0 | HAGA | 5.7 | 3.7 | 4.7 | 4.7 |
| WASHINGTON | 5.8 | 4.0 | 5.3 | 5.0 | MIRACLE | 5.3 | 4.0 | 4.7 | 4.7 |
| UNIQUE (PST-C-76) | 5.3 | 4.0 | 5.7 | 5.0 | NOTTINGHAM (BA 77-700) | 4.3 | 4.0 | 5.7 | 4.7 |
| PLATINI | 5.9 | 3.7 | 5.3 | 5.0 | 1757 | 4.6 | 3.0 | 6.3 | 4.6 |
| NOBLESSE | 5.1 | 4.0 | 5.7 | 4.9 | BANFF | 4.6 | 4.3 | 5.0 | 4.6 |
| FAIRFAX (BA 69-82) | 4.7 | 4.0 | 6.0 | 4.9 | NUSTAR | 4.9 | 3.0 | 6.0 | 4.6 |
| PST-0514 | 5.0 | 3.0 | 6.7 | 4.9 | SR 2100 | 4.2 | 3.7 | 6.0 | 4.6 |
| ALPINE | 6.0 | 3.7 | 5.0 | 4.9 | BARTITIA | 5.1 | 3.7 | 5.0 | 4.6 |
| EVB 13.703 | 5.6 | 3.3 | 5.7 | 4.9 | PST-HV-116 | 4.4 | 4.0 | 5.3 | 4.6 |
| MIDNIGHT | 5.9 | 3.3 | 5.3 | 4.9 | SHAMROCK (H86-712) | 4.8 | 4.0 | 5.0 | 4.6 |
| PST-UD-12 | 5.2 | 3.7 | 5.7 | 4.9 | ABBAY | 4.7 | 3.7 | 5.3 | 4.6 |
| BARMAX (BAR VB 7037) | 5.1 | 3.3 | 6.0 | 4.8 | FREEDOM | 5.0 | 3.3 | 5.3 | 4.6 |
| ASCOT (BA 77-279) | 4.8 | 3.3 | 6.3 | 4.8 | LIVINGSTON | 4.7 | 4.0 | 5.0 | 4.6 |
| CLASSIC | 5.1 | 4.3 | 5.0 | 4.8 | WW AG 505 | 6.3 | 2.7 | 4.7 | 4.6 |
| J34-99 | 4.8 | 4.3 | 5.3 | 4.8 | MARQUIS | 5.2 | 3.7 | 4.7 | 4.5 |
| OPTI-GREEN (PST-B8-106) | 5.7 | 3.0 | 5.7 | 4.8 | BARON | 4.6 | 4.0 | 5.0 | 4.5 |
| RAVEN (BA 78-258) | 4.7 | 4.0 | 5.7 | 4.8 | J13-152 | 4.9 | 3.7 | 5.0 | 4.5 |
| A-34 | 6.0 | 3.3 | 5.0 | 4.8 | PST-A84-405 | 4.9 | 3.7 | 5.0 | 4.5 |
| ASPEN | 5.0 | 3.7 | 5.7 | 4.8 | VIVA (BA 73-366) | 3.9 | 3.7 | 6.0 | 4.5 |
| BARONIE (BAR VB 985) | 5.0 | 4.3 | 5.0 | 4.8 | EAGLETON | 4.4 | 4.0 | 5.0 | 4.5 |
| CHALLENGER | 6.0 | 3.0 | 5.3 | 4.8 | OPAL | 5.4 | 3.0 | 5.0 | 4.5 |
| ESTATE | 5.3 | 4.0 | 5.0 | 4.8 | DONNA | 5.1 | 3.0 | 5.3 | 4.5 |
| GLADE | 4.3 | 4.3 | 5.7 | 4.8 | MIRANDA | 5.1 | 3.7 | 4.7 | 4.5 |
| HV 125 | 5.0 | 3.7 | 5.7 | 4.8 | PST-A7-1877 | 4.8 | 3.3 | 5.3 | 4.5 |
| J11-94 | 5.0 | 3.7 | 5.7 | 4.8 | PST-A7-341 | 4.4 | 3.7 | 5.3 | 4.5 |
| NUBLUE (J-229) | 5.3 | 3.3 | 5.7 | 4.8 | TRAMPAS | 4.8 | 2.3 | 6.3 | 4.5 |
| PREAKNESS (602) | 4.7 | 3.3 | 6.3 | 4.8 | AMPELLIA | 5.0 | 2.3 | 6.0 | 4.4 |
| PSU-151 | 5.3 | 3.7 | 5.3 | 4.8 | BA 76-305 | 4.7 | 3.0 | 5.7 | 4.4 |

TABLE 10. SPRING DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D)
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY

| NAME | NJ3 | ON1 | OR9 | MEAN |
|--------------------|-----|-----|-----|------|
| DAWN | 4.7 | 3.7 | 5.0 | 4.4 |
| CANNON (BA 73-381) | 3.7 | 3.7 | 6.0 | 4.4 |
| MINSTREL | 5.0 | 2.7 | 5.7 | 4.4 |
| GNOME | 4.6 | 3.3 | 5.3 | 4.4 |
| INDIGO | 5.2 | 3.0 | 5.0 | 4.4 |
| R751A | 4.9 | 3.0 | 5.3 | 4.4 |
| CREST | 4.4 | 3.3 | 5.3 | 4.4 |
| LIBERTY | 4.8 | 3.7 | 4.7 | 4.4 |
| ALLURE (BA 73-540) | 5.0 | 2.7 | 5.3 | 4.3 |
| MELBA | 4.7 | 3.7 | 4.7 | 4.3 |
| MERIT | 4.3 | 3.7 | 5.0 | 4.3 |
| RITA (PST-UD-10) | 4.7 | 3.0 | 5.3 | 4.3 |
| J-386 | 3.9 | 3.7 | 5.3 | 4.3 |
| NASSAU | 4.2 | 3.7 | 5.0 | 4.3 |
| EVA (WW AG 508) | 5.8 | 3.0 | 4.0 | 4.3 |
| PST-R-740 | 4.4 | 3.0 | 5.3 | 4.3 |
| SR 2000 | 4.8 | 4.0 | 4.0 | 4.3 |
| BA 73-382 | 3.7 | 3.7 | 5.3 | 4.2 |
| MONOPOLY | 4.7 | 3.3 | 4.7 | 4.2 |
| NE 80-47 | 5.0 | 3.5 | 4.0 | 4.2 |
| PST-A84-928 | 4.4 | 3.3 | 4.7 | 4.1 |
| BARBLUE | 5.8 | 2.7 | 4.0 | 4.1 |
| BROADWAY | 4.9 | 2.7 | 4.7 | 4.1 |
| BELMONT (798) | 4.3 | 2.7 | 4.7 | 3.9 |
| CHELSEA | 3.6 | 2.7 | 5.3 | 3.9 |
| DESTINY | 3.7 | 2.7 | 5.0 | 3.8 |
| BA 77-292 | 3.2 | 3.7 | 4.3 | 3.7 |
| KWS PP 13-2 | 2.9 | 3.0 | 5.3 | 3.7 |
| BARZAN | 2.8 | 3.0 | 4.7 | 3.5 |
| MERION | 3.6 | 2.0 | 4.7 | 3.4 |
| KENBLUE | 2.3 | 3.7 | 3.7 | 3.2 |
| SOUTH DAKOTA CERT. | 1.7 | 4.0 | 3.7 | 3.1 |
| GREENLEY | 2.2 | 3.0 | 4.0 | 3.1 |
| GINGER | 1.8 | 3.3 | 3.3 | 2.8 |
| RONDE | 1.9 | 3.0 | 3.3 | 2.7 |
| LSD VALUE | 1.0 | 1.5 | 1.5 | 0.7 |

1/ SPRINT DENSITY RATED AT "ON1" IN 1991, AT "OR9" IN 1992 AND AT "NJ3" IN 1991, 1992 & 1993.

2/ 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).

TABLE 11.

SUMMER DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

| NAME | ID2 | NJ3 | OH2 | MEAN | NAME | ID2 | NJ3 | OH2 | MEAN |
|-------------------------|-----|-----|-----|------|-------------------------|-----|-----|-----|------|
| EVA (WW AG 508) | 9.0 | 6.7 | 6.7 | 7.4 | DAWN | 7.0 | 4.9 | 7.0 | 6.3 |
| LIMOUSINE | 9.0 | 7.3 | 5.7 | 7.3 | PST-0514 | 7.3 | 5.2 | 6.3 | 6.3 |
| WW AG 505 | 9.0 | 6.7 | 5.7 | 7.1 | MIRACLE | 7.3 | 5.8 | 5.7 | 6.3 |
| BARSWEEP | 8.3 | 6.5 | 6.3 | 7.1 | BARMAX (BAR VB 7037) | 8.3 | 4.7 | 5.7 | 6.2 |
| BARTITIA | 8.3 | 6.1 | 6.7 | 7.0 | CLASSIC | 7.0 | 5.0 | 6.7 | 6.2 |
| CONNI | 8.0 | 6.6 | 6.3 | 7.0 | UNIQUE (PST-C-76) | 7.0 | 5.7 | 6.0 | 6.2 |
| OPAL | 9.0 | 5.2 | 6.7 | 7.0 | NUSTAR | 8.7 | 4.7 | 5.3 | 6.2 |
| SILVIA | 8.0 | 5.9 | 7.0 | 7.0 | 1757 | 7.0 | 4.9 | 6.7 | 6.2 |
| CYNTHIA | 7.3 | 6.4 | 7.0 | 6.9 | BA 76-305 | 7.0 | 4.6 | 7.0 | 6.2 |
| RAM-1 | 8.3 | 5.4 | 7.0 | 6.9 | J34-99 | 7.7 | 4.9 | 6.0 | 6.2 |
| PLATINI | 7.7 | 5.3 | 7.7 | 6.9 | MELBA | 8.0 | 4.8 | 5.7 | 6.1 |
| PST-1DW | 8.7 | 6.3 | 5.7 | 6.9 | FAIRFAX (BA 69-82) | 7.0 | 4.7 | 6.7 | 6.1 |
| ALPINE | 8.7 | 6.2 | 5.7 | 6.9 | GEORGETOWN | 6.7 | 5.2 | 6.3 | 6.1 |
| NUBLUE (J-229) | 8.7 | 5.6 | 6.3 | 6.9 | GNOME | 7.0 | 4.9 | 6.3 | 6.1 |
| PSU-151 | 8.7 | 5.6 | 6.3 | 6.9 | PREAKNESS (602) | 6.3 | 5.2 | 6.7 | 6.1 |
| ABLE I | 7.7 | 5.8 | 7.0 | 6.8 | PST-A7-1877 | 6.7 | 4.6 | 7.0 | 6.1 |
| MIDNIGHT | 7.7 | 6.4 | 6.3 | 6.8 | FORTUNA | 7.0 | 4.8 | 6.3 | 6.0 |
| JULIA | 8.3 | 5.3 | 6.7 | 6.8 | LIVINGSTON | 6.7 | 4.8 | 6.7 | 6.0 |
| DONNA | 9.0 | 5.0 | 6.3 | 6.8 | PST-C-224 | 6.7 | 5.1 | 6.3 | 6.0 |
| ASCOT (BA 77-279) | 8.7 | 5.6 | 6.0 | 6.7 | PST-HV-116 | 7.7 | 4.8 | 5.7 | 6.0 |
| CARDIFF | 8.3 | 5.9 | 6.0 | 6.7 | RAVEN (BA 78-258) | 7.0 | 4.8 | 6.3 | 6.0 |
| EAGLETON | 8.0 | 5.2 | 7.0 | 6.7 | HAGA | 6.7 | 5.0 | 6.3 | 6.0 |
| EVB 13.703 | 8.7 | 5.2 | 6.3 | 6.7 | SHAMROCK (H86-712) | 6.0 | 5.7 | 6.3 | 6.0 |
| SUFFOLK | 7.7 | 5.1 | 7.3 | 6.7 | A-34 | 7.0 | 4.9 | 6.0 | 6.0 |
| APEX (SUMMIT) | 8.7 | 6.2 | 5.0 | 6.6 | AMPELLIA | 7.0 | 5.2 | 5.7 | 6.0 |
| BAR VB 852 | 6.7 | 5.6 | 7.7 | 6.6 | PST-R-740 | 7.7 | 4.6 | 5.7 | 6.0 |
| CHALLENGER | 7.7 | 5.4 | 6.7 | 6.6 | TRENTON | 7.3 | 4.9 | 5.7 | 6.0 |
| MIRANDA | 8.3 | 5.8 | 5.7 | 6.6 | BARON | 6.7 | 4.8 | 6.3 | 5.9 |
| GLADE | 8.3 | 4.7 | 6.7 | 6.6 | ECLIPSE | 5.7 | 5.8 | 6.3 | 5.9 |
| TOUCHDOWN | 8.0 | 5.7 | 6.0 | 6.6 | MARQUIS | 6.7 | 4.8 | 6.3 | 5.9 |
| BARCELONA (BAR VB 1184) | 7.0 | 5.6 | 7.0 | 6.5 | MERIT | 7.0 | 4.1 | 6.7 | 5.9 |
| ESTATE | 7.0 | 5.2 | 7.3 | 6.5 | OPTI-GREEN (PST-B8-106) | 7.0 | 5.1 | 5.7 | 5.9 |
| PENNPRO (PR-1) | 8.0 | 5.4 | 6.0 | 6.5 | BA 70-131 | 6.7 | 4.3 | 6.7 | 5.9 |
| CALIBER (J-335) | 8.0 | 5.7 | 5.7 | 6.4 | J13-152 | 6.7 | 4.7 | 6.3 | 5.9 |
| EVB 13.863 | 7.3 | 6.0 | 6.0 | 6.4 | COBALT | 7.3 | 4.3 | 6.0 | 5.9 |
| FREEDOM | 7.7 | 4.9 | 6.7 | 6.4 | ASPEN | 7.3 | 4.6 | 5.7 | 5.9 |
| ALLURE (BA 73-540) | 7.0 | 5.2 | 7.0 | 6.4 | CREST | 7.0 | 4.9 | 5.7 | 5.9 |
| BARONIE (BAR VB 985) | 7.3 | 5.1 | 6.7 | 6.4 | R751A | 7.0 | 4.6 | 6.0 | 5.9 |
| COVENTRY | 7.0 | 5.4 | 6.7 | 6.4 | BROADWAY | 7.7 | 4.6 | 5.3 | 5.9 |
| J-333 | 7.3 | 5.4 | 6.3 | 6.4 | PST-UD-12 | 6.7 | 4.6 | 6.3 | 5.9 |
| LIBERTY | 8.0 | 4.4 | 6.7 | 6.4 | BANFF | 6.7 | 4.4 | 6.3 | 5.8 |
| BARBLUE | 7.3 | 6.0 | 5.7 | 6.3 | J-386 | 8.0 | 4.1 | 5.3 | 5.8 |
| J11-94 | 7.3 | 5.0 | 6.7 | 6.3 | PST-A7-341 | 6.7 | 4.7 | 6.0 | 5.8 |
| WASHINGTON | 7.0 | 6.0 | 6.0 | 6.3 | VIVA (BA 73-366) | 6.7 | 4.2 | 6.3 | 5.7 |
| BAR VB 1169 | 7.3 | 5.2 | 6.3 | 6.3 | MINSTREL | 6.7 | 5.1 | 5.3 | 5.7 |

TABLE 11. SUMMER DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D)
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY

| NAME | ID2 | NJ3 | OH2 | MEAN |
|------------------------|-----|-----|-----|------|
| PRINCETON 104 | 5.3 | 5.8 | 6.0 | 5.7 |
| INDIGO | 6.3 | 4.7 | 6.0 | 5.7 |
| KELLY | 6.7 | 4.3 | 6.0 | 5.7 |
| MONOPOLY | 5.7 | 4.7 | 6.7 | 5.7 |
| NE 80-47 | 7.0 | 4.3 | 5.7 | 5.7 |
| PST-A84-928 | 6.3 | 4.7 | 6.0 | 5.7 |
| BLACKSBURG | 6.0 | 5.9 | 5.0 | 5.6 |
| SR 2000 | 6.3 | 4.9 | 5.7 | 5.6 |
| 4 ACES (EST-RE-88) | 6.3 | 4.8 | 5.7 | 5.6 |
| ABBAY | 6.0 | 4.7 | 6.0 | 5.6 |
| RITA (PST-UD-10) | 6.0 | 4.7 | 6.0 | 5.6 |
| CANNON (BA 73-381) | 6.7 | 3.9 | 6.0 | 5.5 |
| TRAMPAS | 7.0 | 4.2 | 5.3 | 5.5 |
| NOBLESSE | 5.7 | 4.7 | 6.0 | 5.4 |
| PST-A84-803 | 4.7 | 5.3 | 6.3 | 5.4 |
| BUCKINGHAM (BA 74-114) | 6.7 | 4.6 | 5.0 | 5.4 |
| GINGER | 8.3 | 1.9 | 6.0 | 5.4 |
| KENBLUE | 7.3 | 2.9 | 6.0 | 5.4 |
| BA 73-382 | 6.0 | 4.1 | 6.0 | 5.4 |
| NASSAU | 6.0 | 4.4 | 5.7 | 5.4 |
| NOTTINGHAM (BA 77-700) | 6.7 | 4.1 | 5.3 | 5.4 |
| HV 125 | 5.7 | 4.3 | 6.0 | 5.3 |
| BLUE STAR (PST-B8-13) | 6.0 | 4.9 | 5.0 | 5.3 |
| RONDE | 7.7 | 2.2 | 6.0 | 5.3 |
| BA 77-292 | 6.0 | 3.8 | 6.0 | 5.3 |
| BELMONT (798) | 6.0 | 4.3 | 5.3 | 5.2 |
| SR 2100 | 5.7 | 4.4 | 5.3 | 5.1 |
| PST-A84-405 | 4.3 | 4.2 | 6.3 | 5.0 |
| SOUTH DAKOTA CERT. | 7.0 | 2.1 | 5.7 | 4.9 |
| GREENLEY | 6.7 | 2.4 | 5.3 | 4.8 |
| DESTINY | 4.7 | 3.4 | 6.0 | 4.7 |
| BARZAN | 4.7 | 3.8 | 5.3 | 4.6 |
| KWS PP 13-2 | 5.7 | 2.8 | 5.0 | 4.5 |
| CHELSEA | 4.0 | 3.8 | 4.7 | 4.1 |
| MERION | 3.3 | 3.9 | 4.7 | 4.0 |
| LSD VALUE | 1.6 | 0.9 | 1.2 | 0.7 |

1/ SUMMER DENSITY RATED AT "ID2" & "OH2" IN 1991 AND AT "NJ3" IN 1991, 1992 & 1993.

2/ 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).

TABLE 12. FALL DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

| NAME | NJ1 | NJ3 | MEAN | NAME | NJ1 | NJ3 | MEAN |
|-------------------------|-----|-----|------|-------------------------|-----|-----|------|
| LIMOUSINE | 7.3 | 7.1 | 7.2 | BAR VB 1169 | 5.2 | 5.8 | 5.5 |
| UNIQUE (PST-C-76) | 7.5 | 6.9 | 7.2 | EVB 13.863 | 4.8 | 6.1 | 5.5 |
| MIDNIGHT | 6.8 | 7.0 | 6.9 | ALPINE | 4.2 | 6.7 | 5.4 |
| BARBLUE | 7.7 | 5.7 | 6.7 | ABLE I | 5.2 | 5.6 | 5.4 |
| TRENTON | 7.5 | 5.7 | 6.6 | BARTITIA | 4.7 | 6.0 | 5.3 |
| ASCOT (BA 77-279) | 6.8 | 6.3 | 6.6 | FAIRFAX (BA 69-82) | 5.8 | 4.8 | 5.3 |
| BLACKSBURG | 7.0 | 6.0 | 6.5 | INDIGO | 5.7 | 4.9 | 5.3 |
| HAGA | 7.0 | 6.0 | 6.5 | NASSAU | 5.7 | 4.9 | 5.3 |
| BAR VB 852 | 7.2 | 5.7 | 6.4 | CONNI | 3.7 | 6.9 | 5.3 |
| CYNTHIA | 6.0 | 6.7 | 6.3 | PLATINI | 5.0 | 5.6 | 5.3 |
| GEORGETOWN | 7.0 | 5.7 | 6.3 | PST-1DW | 4.0 | 6.6 | 5.3 |
| BARONIE (BAR VB 985) | 7.0 | 5.6 | 6.3 | CALIBER (J-335) | 4.5 | 6.0 | 5.3 |
| SUFFOLK | 6.8 | 5.7 | 6.3 | CHALLENGER | 4.8 | 5.6 | 5.2 |
| CLASSIC | 6.7 | 5.8 | 6.2 | ESTATE | 5.5 | 4.9 | 5.2 |
| NE 80-47 | 6.5 | 5.8 | 6.1 | PST-A7-1877 | 5.2 | 5.2 | 5.2 |
| BARSWEEP | 5.5 | 6.7 | 6.1 | WW AG 505 | 3.7 | 6.7 | 5.2 |
| A-34 | 6.3 | 5.8 | 6.1 | RAM-1 | 5.0 | 5.3 | 5.2 |
| PST-0514 | 6.0 | 6.0 | 6.0 | COVENTRY | 5.2 | 5.1 | 5.1 |
| PSU-151 | 6.0 | 6.0 | 6.0 | ALLURE (BA 73-540) | 4.8 | 5.3 | 5.1 |
| PST-UD-12 | 6.5 | 5.4 | 6.0 | PENNPOR (PR-1) | 4.8 | 5.3 | 5.1 |
| EVB 13.703 | 6.3 | 5.6 | 5.9 | WASHINGTON | 3.8 | 6.3 | 5.1 |
| FREEDOM | 6.3 | 5.6 | 5.9 | BARCELONA (BAR VB 1184) | 4.0 | 6.1 | 5.1 |
| ECLIPSE | 6.2 | 5.7 | 5.9 | PST-R-740 | 5.0 | 5.1 | 5.1 |
| RITA (PST-UD-10) | 6.8 | 5.0 | 5.9 | TOUCHDOWN | 4.0 | 6.1 | 5.1 |
| BANFF | 6.0 | 5.8 | 5.9 | FORTUNA | 4.5 | 5.6 | 5.0 |
| CARDIFF | 6.2 | 5.6 | 5.9 | J-333 | 4.3 | 5.7 | 5.0 |
| SR 2000 | 6.8 | 4.9 | 5.9 | RAVEN (BA 78-258) | 4.7 | 5.3 | 5.0 |
| NUSTAR | 6.7 | 5.0 | 5.8 | J-386 | 5.5 | 4.4 | 5.0 |
| ASPEN | 6.8 | 4.8 | 5.8 | PST-A84-803 | 5.2 | 4.8 | 5.0 |
| SHAMROCK (H86-712) | 6.5 | 5.1 | 5.8 | COBALT | 5.5 | 4.3 | 4.9 |
| EAGLETON | 6.0 | 5.6 | 5.8 | GNOME | 4.5 | 5.3 | 4.9 |
| J13-152 | 6.3 | 5.2 | 5.8 | GLADE | 4.7 | 5.1 | 4.9 |
| SILVIA | 5.7 | 5.8 | 5.7 | PST-A84-405 | 5.5 | 4.2 | 4.9 |
| J34-99 | 6.3 | 5.1 | 5.7 | OPAL | 4.5 | 5.0 | 4.8 |
| DAWN | 6.5 | 4.9 | 5.7 | DESTINY | 5.7 | 3.8 | 4.7 |
| LIVINGSTON | 6.0 | 5.3 | 5.7 | 4 ACES (PST-RE-88) | 4.5 | 4.9 | 4.7 |
| 1757 | 6.2 | 5.1 | 5.6 | LIBERTY | 4.8 | 4.4 | 4.6 |
| BA 70-131 | 6.2 | 5.0 | 5.6 | BA 76-305 | 4.2 | 5.0 | 4.6 |
| PREAKNESS (602) | 5.5 | 5.7 | 5.6 | HV 125 | 4.5 | 4.7 | 4.6 |
| OPTI-GREEN (PST-B8-106) | 5.8 | 5.3 | 5.6 | APEX (SUMMIT) | 2.7 | 6.4 | 4.6 |
| J11-94 | 6.0 | 5.1 | 5.6 | KELLY | 4.7 | 4.4 | 4.6 |
| MONOPOLY | 6.0 | 5.1 | 5.6 | NOTTINGHAM (BA 77-700) | 4.3 | 4.8 | 4.6 |
| JULIA | 5.2 | 5.9 | 5.5 | BARMAX (BAR VB 7037) | 3.8 | 5.1 | 4.5 |
| PRINCETON 104 | 5.2 | 5.9 | 5.5 | R751A | 4.2 | 4.7 | 4.4 |
| PST-C-224 | 6.2 | 4.9 | 5.5 | SR 2100 | 4.5 | 4.3 | 4.4 |

TABLE 12. FALL DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D)
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY

| NAME | NJ1 | NJ3 | MEAN |
|------------------------|-----|-----|------|
| BA 73-382 | 4.7 | 4.1 | 4.4 |
| PST-A7-341 | 3.8 | 4.9 | 4.4 |
| BELMONT (798) | 4.5 | 4.2 | 4.4 |
| CREST | 4.2 | 4.6 | 4.4 |
| BUCKINGHAM (BA 74-114) | 3.8 | 4.8 | 4.3 |
| CANNON (BA 73-381) | 4.3 | 4.2 | 4.3 |
| MARQUIS | 3.3 | 5.2 | 4.3 |
| MIRACLE | 2.7 | 5.9 | 4.3 |
| VIVA (BA 73-366) | 4.0 | 4.6 | 4.3 |
| AMPELLIA | 3.5 | 5.0 | 4.3 |
| MINSTREL | 3.5 | 5.0 | 4.3 |
| BARON | 3.5 | 4.9 | 4.2 |
| MIRANDA | 2.8 | 5.6 | 4.2 |
| NUBLUE (J-229) | 3.2 | 5.2 | 4.2 |
| PST-A84-928 | 3.7 | 4.7 | 4.2 |
| ABBAY | 3.5 | 4.8 | 4.1 |
| MERIT | 3.5 | 4.8 | 4.1 |
| BLUE STAR (PST-B8-13) | 3.3 | 4.9 | 4.1 |
| EVA (WW AG 508) | 2.5 | 5.7 | 4.1 |
| KENBLUE | 4.3 | 3.7 | 4.0 |
| DONNA | 2.3 | 5.4 | 3.9 |
| TRAMPAS | 2.8 | 4.6 | 3.7 |
| NOBLESSE | 2.3 | 4.9 | 3.6 |
| BARZAN | 3.2 | 4.0 | 3.6 |
| SOUTH DAKOTA CERT. | 4.5 | 2.7 | 3.6 |
| BA 77-292 | 3.2 | 3.9 | 3.5 |
| MELBA | 2.3 | 4.7 | 3.5 |
| BROADWAY | 2.5 | 4.4 | 3.5 |
| PST-HV-116 | 2.3 | 4.6 | 3.4 |
| MERION | 2.8 | 3.7 | 3.3 |
| GREENLEY | 3.0 | 2.9 | 2.9 |
| KWS PP 13-2 | 3.0 | 2.9 | 2.9 |
| CHELSEA | 2.3 | 3.4 | 2.9 |
| RONDE | 2.7 | 2.6 | 2.6 |
| GINGER | 2.5 | 1.7 | 2.1 |
| LSD VALUE | 1.4 | 0.9 | 0.8 |

1/ FALL DENSITY RATED AT "NJ1" IN 1993 & 1994 AND AT "NJ3" IN 1991, 1992 & 1993.

2/ 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).

TABLE 13.

PERCENT LIVING GROUND COVER (SPRING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

| NAME | ID2 | IL2 | ON1 | VA2 | MEAN | NAME | ID2 | IL2 | ON1 | VA2 | MEAN |
|------------------------|------|------|------|------|------|-------------------------|------|------|------|------|------|
| EAGLETON | 78.3 | 79.5 | 43.3 | 97.3 | 74.6 | RAM-1 | 71.7 | 43.8 | 36.7 | 83.0 | 58.8 |
| KENBLUE | 73.3 | 89.2 | 36.7 | 95.3 | 73.6 | ALLURE (BA 73-540) | 51.7 | 60.7 | 26.7 | 96.0 | 58.8 |
| TRENTON | 71.7 | 89.0 | 40.0 | 80.0 | 70.2 | PENNPRO (PR-1) | 71.7 | 64.2 | 36.7 | 61.7 | 58.5 |
| BAR VB 852 | 70.0 | 81.3 | 30.0 | 97.3 | 69.7 | A-34 | 61.7 | 56.7 | 33.3 | 81.7 | 58.3 |
| PSU-151 | 78.3 | 71.7 | 33.3 | 93.0 | 69.1 | JULIA | 63.3 | 58.0 | 30.0 | 81.7 | 58.3 |
| SUFFOLK | 65.0 | 71.2 | 53.3 | 83.3 | 68.2 | BA 70-131 | 60.0 | 46.2 | 36.7 | 90.0 | 58.2 |
| MONOPOLY | 65.0 | 75.7 | 33.3 | 97.0 | 67.8 | MARQUIS | 63.3 | 48.3 | 30.0 | 91.0 | 58.2 |
| SOUTH DAKOTA CERT. | 71.7 | 71.0 | 36.7 | 87.7 | 66.8 | ESTATE | 61.7 | 44.8 | 33.3 | 92.7 | 58.1 |
| J34-99 | 76.7 | 66.3 | 36.7 | 86.7 | 66.6 | BARMAX (BAR VB 7037) | 78.3 | 51.5 | 33.3 | 68.3 | 57.9 |
| J11-94 | 81.7 | 69.2 | 26.7 | 88.3 | 66.5 | J-333 | 75.0 | 49.7 | 23.3 | 83.3 | 57.8 |
| GINGER | 80.0 | 46.5 | 40.0 | 96.3 | 65.7 | PST-A7-341 | 58.3 | 47.0 | 30.0 | 94.3 | 57.4 |
| GREENLEY | 76.7 | 65.8 | 26.7 | 93.0 | 65.5 | CHALLENGER | 63.3 | 45.0 | 26.7 | 91.7 | 56.7 |
| FAIRFAX (BA 69-82) | 87.5 | 46.8 | 36.7 | 90.0 | 65.3 | MERIT | 53.3 | 50.5 | 33.3 | 89.3 | 56.6 |
| OPAL | 78.3 | 70.0 | 26.7 | 85.0 | 65.0 | JL3-152 | 66.7 | 49.5 | 30.0 | 80.0 | 56.5 |
| DAWN | 71.7 | 71.5 | 33.3 | 83.3 | 65.0 | SR 2000 | 46.7 | 48.7 | 33.3 | 97.0 | 56.4 |
| KELLY | 65.0 | 59.7 | 40.0 | 94.3 | 64.8 | PST-R-740 | 78.3 | 42.2 | 30.0 | 75.0 | 56.4 |
| NOTTINGHAM (BA 77-700) | 83.3 | 63.3 | 36.7 | 75.0 | 64.6 | GNOME | 66.7 | 39.5 | 26.7 | 91.0 | 56.0 |
| PST-A84-928 | 68.3 | 70.8 | 30.0 | 88.3 | 64.4 | NUBLUE (J-229) | 60.0 | 55.0 | 30.0 | 78.3 | 55.8 |
| HAGA | 63.3 | 69.7 | 33.3 | 90.0 | 64.1 | BA 77-292 | 60.0 | 37.7 | 33.3 | 90.0 | 55.3 |
| CLASSIC | 60.0 | 75.5 | 43.3 | 76.7 | 63.9 | LIBERTY | 56.7 | 56.7 | 33.3 | 73.3 | 55.0 |
| GLADE | 73.3 | 55.8 | 40.0 | 85.0 | 63.5 | ABBEY | 53.3 | 54.2 | 30.0 | 81.7 | 54.8 |
| NUSTAR | 70.0 | 59.2 | 26.7 | 98.3 | 63.5 | FORTUNA | 55.0 | 48.2 | 30.0 | 85.0 | 54.5 |
| CANNON (BA 73-381) | 60.0 | 70.5 | 36.7 | 86.7 | 63.5 | BARON | 45.0 | 44.0 | 40.0 | 88.3 | 54.3 |
| BANFF | 80.0 | 55.7 | 43.3 | 71.7 | 62.7 | SHAMROCK (H86-712) | 40.0 | 57.2 | 40.0 | 79.7 | 54.2 |
| RONDE | 65.0 | 53.7 | 33.3 | 98.3 | 62.6 | OPTI-GREEN (PST-B8-106) | 45.0 | 61.3 | 30.0 | 80.0 | 54.1 |
| LIVINGSTON | 63.3 | 57.2 | 33.3 | 96.0 | 62.5 | TOUCHDOWN | 56.7 | 46.7 | 36.7 | 75.0 | 53.8 |
| VIVA (BA 73-366) | 78.3 | 47.7 | 33.3 | 90.0 | 62.3 | CYNTHIA | 48.3 | 69.2 | 33.3 | 63.3 | 53.5 |
| BARONIE (BAR VB 985) | 70.0 | 72.5 | 43.3 | 63.3 | 62.3 | PST-A7-1877 | 66.7 | 38.7 | 26.7 | 80.0 | 53.0 |
| WASHINGTON | 76.7 | 52.3 | 40.0 | 80.0 | 62.3 | PST-UD-12 | 60.0 | 57.5 | 30.0 | 64.3 | 53.0 |
| GEORGETOWN | 76.7 | 63.2 | 30.0 | 78.3 | 62.0 | ABLE I | 81.7 | 45.8 | 30.0 | 53.3 | 52.7 |
| COBALT | 71.7 | 56.7 | 23.3 | 94.3 | 61.5 | R751A | 63.3 | 28.8 | 30.0 | 88.3 | 52.6 |
| CALIBER (J-335) | 61.7 | 63.7 | 26.7 | 92.7 | 61.2 | PST-1DW | 58.3 | 36.7 | 26.7 | 88.3 | 52.5 |
| FREEDOM | 71.7 | 63.5 | 30.0 | 78.3 | 60.9 | PLATINI | 78.3 | 51.3 | 33.3 | 46.7 | 52.4 |
| COVENTRY | 85.0 | 41.2 | 30.0 | 86.7 | 60.7 | BAR VB 1169 | 76.7 | 52.5 | 33.3 | 46.7 | 52.3 |
| J-386 | 68.3 | 52.0 | 30.0 | 92.3 | 60.7 | SR 2100 | 53.3 | 53.8 | 30.0 | 71.0 | 52.0 |
| RITA (PST-UD-10) | 68.3 | 47.0 | 30.0 | 97.0 | 60.6 | PST-C-224 | 60.0 | 28.3 | 26.7 | 91.7 | 51.7 |
| 1757 | 63.3 | 76.2 | 26.7 | 75.0 | 60.3 | BUCKINGHAM (BA 74-114) | 78.3 | 41.3 | 33.3 | 53.3 | 51.6 |
| SILVIA | 65.0 | 62.5 | 36.7 | 76.7 | 60.2 | DONNA | 75.0 | 37.7 | 26.7 | 66.7 | 51.5 |
| RAVEN (BA 78-258) | 63.3 | 49.5 | 40.0 | 87.7 | 60.1 | PST-A84-405 | 36.7 | 59.2 | 30.0 | 80.0 | 51.5 |
| PREAKNESS (602) | 58.3 | 68.7 | 33.3 | 78.3 | 59.7 | NE 80-47 | 53.3 | 40.3 | 30.0 | 81.7 | 51.3 |
| UNIQUE (PST-C-76) | 61.7 | 45.8 | 40.0 | 91.0 | 59.6 | EVB 13.863 | 56.7 | 50.5 | 33.3 | 63.3 | 51.0 |
| BA 76-305 | 68.3 | 56.3 | 30.0 | 83.3 | 59.5 | PST-0514 | 66.7 | 38.8 | 30.0 | 68.3 | 51.0 |
| BA 73-382 | 76.7 | 55.5 | 33.3 | 71.7 | 59.3 | EVB 13.703 | 66.7 | 24.3 | 36.7 | 75.0 | 50.7 |
| 4 ACES (PST-RE-88) | 60.0 | 48.0 | 36.7 | 92.3 | 59.3 | PST-A84-803 | 51.7 | 44.2 | 33.3 | 73.3 | 50.6 |
| ASPEN | 68.3 | 48.7 | 30.0 | 90.0 | 59.3 | INDIGO | 68.3 | 48.0 | 30.0 | 55.0 | 50.3 |

TABLE 13. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D)
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

| PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS | | | | | |
|--|------|------|------|------|------|
| NAME | ID2 | IL2 | ON1 | VA2 | MEAN |
| CARDIFF | 70.0 | 25.3 | 33.3 | 70.0 | 49.7 |
| KWS PP 13-2 | 23.3 | 56.7 | 26.7 | 91.7 | 49.6 |
| LIMOUSINE | 61.7 | 50.0 | 30.0 | 56.7 | 49.6 |
| BELMONT (798) | 50.0 | 40.7 | 26.7 | 79.3 | 49.2 |
| NASSAU | 60.0 | 44.8 | 30.0 | 60.0 | 48.7 |
| CREST | 71.7 | 45.5 | 30.0 | 46.7 | 48.5 |
| DESTINY | 58.3 | 32.5 | 26.7 | 73.3 | 47.7 |
| MIRANDA | 86.7 | 39.2 | 33.3 | 30.0 | 47.3 |
| NOBLESSE | 50.0 | 57.8 | 36.7 | 43.3 | 47.0 |
| MINSTREL | 38.3 | 54.8 | 23.3 | 66.0 | 45.6 |
| ASCOT (BA 77-279) | 71.7 | 26.5 | 33.3 | 50.0 | 45.4 |
| BLACKSBURG | 30.0 | 44.0 | 23.3 | 83.3 | 45.2 |
| BROADWAY | 71.7 | 44.5 | 30.0 | 33.3 | 44.9 |
| BARBLUE | 38.3 | 44.5 | 23.3 | 73.3 | 44.9 |
| BLUE STAR (PST-B8-13) | 38.3 | 35.7 | 30.0 | 73.3 | 44.3 |
| PRINCETON 104 | 45.0 | 46.8 | 26.7 | 58.3 | 44.2 |
| ECLIPSE | 26.7 | 41.7 | 26.7 | 81.7 | 44.2 |
| EVA (WW AG 508) | 65.0 | 36.5 | 30.0 | 44.0 | 43.9 |
| MIDNIGHT | 38.3 | 24.5 | 26.7 | 85.0 | 43.6 |
| HV 125 | 50.0 | 27.2 | 26.7 | 70.0 | 43.5 |
| BARCELONA (BAR VB 1184) | 48.3 | 50.7 | 33.3 | 40.0 | 43.1 |
| AMPELLIA | 38.3 | 43.3 | 26.7 | 61.7 | 42.5 |
| MIRACLE | 56.7 | 51.7 | 33.3 | 25.0 | 41.7 |
| MERION | 5.7 | 47.0 | 20.0 | 93.7 | 41.6 |
| PST-HV-116 | 61.7 | 47.5 | 33.3 | 16.7 | 39.8 |
| WW AG 505 | 56.7 | 51.5 | 30.0 | 15.7 | 38.5 |
| CONNI | 56.7 | 42.7 | 33.3 | 20.0 | 38.2 |
| BARSWEEP | 61.7 | 39.0 | 33.3 | 16.7 | 37.7 |
| APEX (SUMMIT) | 65.0 | 26.5 | 40.0 | 18.3 | 37.5 |
| BARTITIA | 60.0 | 42.8 | 33.3 | 13.3 | 37.4 |
| ALPINE | 48.3 | 15.8 | 30.0 | 46.7 | 35.2 |
| CHELSEA | 6.0 | 35.3 | 26.7 | 62.7 | 32.7 |
| MELBA | 61.7 | 28.8 | 30.0 | 7.3 | 32.0 |
| TRAMPAS | 60.0 | 19.5 | 23.3 | 14.0 | 29.2 |
| BARZAN | 7.3 | 34.2 | 26.7 | 33.3 | 25.4 |
| LSD VALUE | 30.0 | 31.7 | 14.4 | 27.2 | 15.8 |

1/ PERCENT LIVING GROUND COVER (SPRING) RATED AT "ID2" & "ON1" IN 1991, AT "VA2" IN 1994 AND AT "IL2" IN 1991 & 1994.

2/ 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).

TABLE 14. PERCENT LIVING GROUND COVER (FALL) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

| PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/ | | | | | | | |
|---|------|------|------|-------------------------|------|------|------|
| NAME | OR9 | VA2 | MEAN | NAME | OR9 | VA2 | MEAN |
| EAGLETON | 88.0 | 73.3 | 80.7 | CHALLENGER | 85.7 | 45.0 | 65.3 |
| BAR VB 852 | 95.0 | 63.3 | 79.2 | BELMONT (798) | 84.0 | 46.7 | 65.3 |
| ALLURE (BA 73-540) | 92.7 | 62.5 | 77.6 | CALIBER (J-335) | 87.3 | 43.3 | 65.3 |
| MONOPOLY | 89.0 | 64.2 | 76.6 | PST-1DW | 84.0 | 46.7 | 65.3 |
| CANNON (BA 73-381) | 89.3 | 62.5 | 75.9 | FORTUNA | 83.3 | 46.7 | 65.0 |
| J-386 | 88.0 | 62.5 | 75.3 | J13-152 | 81.7 | 48.3 | 65.0 |
| GINGER | 86.0 | 63.0 | 74.5 | R751A | 80.0 | 50.0 | 65.0 |
| KELLY | 85.7 | 63.3 | 74.5 | SHAMROCK (H86-712) | 90.0 | 40.0 | 65.0 |
| MARQUIS | 84.0 | 61.7 | 72.8 | PLATINI | 92.3 | 37.5 | 64.9 |
| ASPEN | 83.3 | 61.7 | 72.5 | TRENTON | 82.3 | 47.5 | 64.9 |
| PST-A84-928 | 83.0 | 61.8 | 72.4 | J11-94 | 80.0 | 49.2 | 64.6 |
| ESTATE | 89.7 | 55.0 | 72.3 | A-34 | 90.0 | 38.3 | 64.2 |
| BA 76-305 | 84.0 | 59.2 | 71.6 | KWS PP 13-2 | 83.3 | 45.0 | 64.2 |
| OPTI-GREEN (PST-B8-106) | 94.7 | 48.3 | 71.5 | OPAL | 93.3 | 35.0 | 64.2 |
| UNIQUE (PST-C-76) | 89.3 | 53.3 | 71.3 | J-333 | 80.7 | 47.5 | 64.1 |
| BARMAX (BAR VB 7037) | 91.7 | 50.8 | 71.3 | BAR VB 1169 | 91.3 | 36.7 | 64.0 |
| SILVIA | 94.0 | 47.5 | 70.8 | PST-A7-341 | 81.3 | 46.7 | 64.0 |
| FAIRFAX (BA 69-82) | 86.7 | 54.2 | 70.4 | SR 2100 | 91.0 | 36.7 | 63.8 |
| GNOME | 86.7 | 54.2 | 70.4 | MINSTREL | 85.0 | 42.5 | 63.8 |
| PSU-151 | 93.3 | 47.5 | 70.4 | PREAKNESS (602) | 86.7 | 40.8 | 63.8 |
| KENBLUE | 87.3 | 53.0 | 70.2 | RAVEN (BA 78-258) | 82.3 | 44.7 | 63.5 |
| GLADE | 84.3 | 55.8 | 70.1 | PST-A7-1877 | 90.7 | 35.8 | 63.7 |
| MERION | 79.3 | 60.8 | 70.1 | PST-0514 | 88.7 | 37.5 | 63.1 |
| NOTTINGHAM (BA 77-700) | 86.0 | 54.2 | 70.1 | PST-UD-12 | 82.7 | 43.3 | 63.0 |
| VIVA (BA 73-366) | 86.0 | 53.3 | 69.7 | AMPELLIA | 90.0 | 35.8 | 62.9 |
| BA 77-292 | 84.0 | 55.0 | 69.5 | RONDE | 73.3 | 51.3 | 62.3 |
| COBALT | 85.7 | 53.3 | 69.5 | ECLIPSE | 83.3 | 40.8 | 62.1 |
| PST-C-224 | 85.7 | 53.3 | 69.5 | EVA (WW AG 508) | 90.7 | 33.3 | 62.0 |
| RITA (PST-UD-10) | 84.7 | 54.2 | 69.4 | CONNI | 90.0 | 33.3 | 61.7 |
| SR 2000 | 90.0 | 48.3 | 69.2 | NASSAU | 83.3 | 40.0 | 61.7 |
| MERIT | 88.3 | 50.0 | 69.2 | GEORGETOWN | 79.0 | 44.2 | 61.6 |
| COVENTRY | 84.0 | 54.2 | 69.1 | LIBERTY | 83.0 | 40.0 | 61.5 |
| NUSTAR | 86.7 | 50.8 | 68.8 | DONNA | 86.7 | 35.8 | 61.3 |
| BLACKSBURG | 89.0 | 48.3 | 68.7 | ABLE I | 89.3 | 32.5 | 60.9 |
| RAM-1 | 90.7 | 46.7 | 68.7 | CHELSEA | 89.3 | 32.5 | 60.9 |
| BARON | 86.7 | 50.5 | 68.6 | BARCELONA (BAR VB 1184) | 91.7 | 30.0 | 60.8 |
| LIVINGSTON | 88.0 | 49.2 | 68.6 | JULIA | 86.7 | 35.0 | 60.8 |
| BA 73-382 | 84.3 | 52.5 | 68.4 | LIMOUSINE | 88.3 | 33.3 | 60.8 |
| HAGA | 80.0 | 55.8 | 67.9 | NUBLUE (J-229) | 79.0 | 42.5 | 60.8 |
| BA 70-131 | 88.0 | 47.5 | 67.8 | SOUTH DAKOTA CERT. | 63.3 | 58.0 | 60.7 |
| GREENLEY | 83.0 | 51.7 | 67.3 | PST-R-740 | 83.3 | 37.5 | 60.4 |
| 4 ACES (PST-RE-88) | 79.0 | 54.2 | 66.6 | DAWN | 80.7 | 40.0 | 60.3 |
| ABBAY | 83.0 | 50.0 | 66.5 | CLASSIC | 84.0 | 35.8 | 59.9 |
| J34-99 | 81.7 | 50.8 | 66.3 | PST-A84-803 | 83.3 | 35.8 | 59.6 |
| CARDIFF | 85.0 | 45.8 | 65.4 | WASHINGTON | 85.0 | 34.2 | 59.6 |

TABLE 14. PERCENT LIVING GROUND COVER (FALL) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS

| NAME | OR9 | VA2 | MEAN |
|------------------------|------|------|------|
| PST-HV-116 | 85.7 | 33.3 | 59.5 |
| CREST | 81.0 | 36.7 | 58.8 |
| NE 80-47 | 80.7 | 36.7 | 58.7 |
| 1757 | 81.3 | 35.8 | 58.6 |
| CYNTHIA | 91.0 | 25.8 | 58.4 |
| SUFFOLK | 79.3 | 37.5 | 58.4 |
| FREEDOM | 71.7 | 44.2 | 57.9 |
| PRINCETON 104 | 85.0 | 30.8 | 57.9 |
| HV 125 | 87.3 | 28.3 | 57.8 |
| TOUCHDOWN | 85.0 | 30.0 | 57.5 |
| BLUE STAR (PST-B8-13) | 75.0 | 39.2 | 57.1 |
| BARTITIA | 90.7 | 23.3 | 57.0 |
| BUCKINGHAM (BA 74-114) | 82.3 | 31.7 | 57.0 |
| PENNPRO (PR-1) | 85.3 | 28.3 | 56.8 |
| EVB 13.863 | 88.3 | 25.0 | 56.7 |
| APEX (SUMMIT) | 87.0 | 25.8 | 56.4 |
| MIDNIGHT | 87.7 | 25.0 | 56.3 |
| MELBA | 88.7 | 23.3 | 56.0 |
| BROADWAY | 85.0 | 26.7 | 55.8 |
| BARBLUE | 73.3 | 38.3 | 55.8 |
| BARONIE (BAR VB 985) | 72.3 | 39.2 | 55.8 |
| INDIGO | 81.7 | 29.2 | 55.4 |
| MIRANDA | 92.3 | 18.3 | 55.3 |
| EVB 13.703 | 75.0 | 35.0 | 55.0 |
| BANFF | 75.0 | 34.2 | 54.6 |
| ASCOT (BA 77-279) | 78.3 | 30.0 | 54.2 |
| MIRACLE | 88.3 | 20.0 | 54.2 |
| NOBLESSE | 78.3 | 29.2 | 53.8 |
| PST-A84-405 | 71.7 | 35.8 | 53.8 |
| WW AG 505 | 89.3 | 17.5 | 53.4 |
| ALPINE | 78.3 | 28.3 | 53.3 |
| TRAMPAS | 85.3 | 20.0 | 52.7 |
| BARZAN | 84.0 | 20.0 | 52.0 |
| DESTINY | 70.7 | 33.3 | 52.0 |
| BARSWEEP | 85.7 | 15.8 | 50.8 |
| LSD VALUE | 8.5 | 27.4 | 19.1 |

1/ PERCENT LIVING GROUND COVER (FALL) RATED AT "OR9" IN 1992 AND AT "VA2" IN 1991 & 1993.

2/ 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).

TABLE 15. WINTER COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 1/

| NAME | CO1 | ID2 | KY1 | NJ1 | NJ2 | NJ3 | OR9 | VA1 | MEAN |
|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|
| BARBLUE | 4.7 | 4.2 | 8.7 | 8.0 | 6.2 | 4.7 | 6.5 | 5.3 | 6.0 |
| TRENTON | 5.3 | 4.6 | 8.3 | 8.0 | 8.0 | 3.7 | 6.3 | 4.0 | 6.0 |
| BANFF | 5.3 | 4.6 | 8.3 | 8.0 | 7.7 | 4.0 | 5.5 | 4.7 | 6.0 |
| CLASSIC | 4.0 | 3.8 | 8.7 | 8.0 | 8.5 | 4.0 | 5.8 | 4.7 | 5.9 |
| SUFFOLK | 4.7 | 5.7 | 7.7 | 8.2 | 8.3 | 3.3 | 5.5 | 4.0 | 5.9 |
| RITA (PST-UD-10) | 4.3 | 4.3 | 8.7 | 6.7 | 7.0 | 3.3 | 7.0 | 6.0 | 5.9 |
| SILVIA | 4.3 | 5.3 | 8.0 | 6.4 | 7.7 | 4.3 | 5.5 | 5.3 | 5.9 |
| PSU-151 | 5.7 | 4.7 | 9.0 | 7.1 | 7.0 | 4.0 | 5.3 | 4.0 | 5.8 |
| NASSAU | 4.0 | 6.1 | 8.3 | 6.2 | 7.3 | 3.0 | 6.3 | 5.3 | 5.8 |
| J34-99 | 4.0 | 5.3 | 7.7 | 7.7 | 7.8 | 4.0 | 6.2 | 4.0 | 5.8 |
| GEORGETOWN | 4.0 | 4.8 | 7.7 | 6.7 | 8.0 | 4.7 | 6.5 | 4.3 | 5.8 |
| DAWN | 3.7 | 6.0 | 8.3 | 7.9 | 8.2 | 3.7 | 5.5 | 3.3 | 5.8 |
| FREEDOM | 4.0 | 5.1 | 7.7 | 8.0 | 8.2 | 3.3 | 5.8 | 4.3 | 5.8 |
| J11-94 | 4.7 | 4.9 | 8.3 | 7.3 | 8.0 | 3.3 | 5.8 | 4.0 | 5.8 |
| PST-A84-803 | 4.3 | 5.1 | 8.0 | 6.4 | 7.5 | 3.3 | 7.3 | 4.3 | 5.8 |
| 1757 | 4.3 | 5.9 | 8.0 | 5.4 | 6.3 | 3.7 | 6.3 | 6.3 | 5.8 |
| PRINCETON 104 | 5.7 | 4.0 | 8.3 | 5.9 | 6.8 | 3.3 | 5.8 | 6.3 | 5.8 |
| ASPEN | 3.7 | 4.3 | 8.3 | 6.7 | 7.2 | 4.0 | 6.2 | 5.7 | 5.8 |
| J13-152 | 4.7 | 4.9 | 7.7 | 7.0 | 6.7 | 3.7 | 6.2 | 4.7 | 5.7 |
| PENNPRO (PR-1) | 5.7 | 5.4 | 9.0 | 4.3 | 5.5 | 3.0 | 6.2 | 6.0 | 5.6 |
| SR 2000 | 4.0 | 4.4 | 8.0 | 5.9 | 7.0 | 4.3 | 7.3 | 4.0 | 5.6 |
| BARONIE (BAR VB 985) | 4.3 | 4.7 | 8.0 | 7.9 | 8.0 | 2.3 | 4.7 | 5.0 | 5.6 |
| PST-UD-12 | 4.7 | 4.8 | 7.0 | 7.2 | 6.5 | 3.7 | 6.5 | 4.0 | 5.5 |
| HAGA | 4.7 | 4.1 | 8.0 | 7.2 | 7.3 | 3.3 | 5.8 | 3.7 | 5.5 |
| CALIBER (J-335) | 4.7 | 3.8 | 8.0 | 5.8 | 6.3 | 4.0 | 6.8 | 4.7 | 5.5 |
| JULIA | 6.0 | 3.2 | 8.0 | 5.7 | 6.8 | 3.3 | 7.0 | 4.0 | 5.5 |
| BAR VB 1169 | 5.3 | 4.3 | 7.7 | 5.8 | 7.2 | 3.3 | 5.8 | 4.3 | 5.5 |
| BLACKSBURG | 4.3 | 4.3 | 7.0 | 6.1 | 6.2 | 4.0 | 7.5 | 4.3 | 5.5 |
| DESTINY | 4.0 | 5.7 | 8.0 | 5.1 | 6.8 | 3.0 | 6.0 | 5.0 | 5.5 |
| WASHINGTON | 4.7 | 4.0 | 8.7 | 4.4 | 5.7 | 3.3 | 6.8 | 5.7 | 5.4 |
| LIBERTY | 3.3 | 3.8 | 8.0 | 6.2 | 8.0 | 3.3 | 6.2 | 4.3 | 5.4 |
| CHALLENGER | 4.3 | 4.9 | 8.0 | 6.1 | 5.7 | 3.7 | 6.0 | 4.3 | 5.4 |
| BUCKINGHAM (BA 74-114) | 4.3 | 6.1 | 7.3 | 4.6 | 5.7 | 2.7 | 6.8 | 5.3 | 5.4 |
| COBALT | 4.0 | 5.0 | 7.0 | 6.2 | 5.3 | 3.3 | 7.2 | 4.7 | 5.3 |
| PLATINI | 5.0 | 3.9 | 7.3 | 6.0 | 6.5 | 3.7 | 6.0 | 4.0 | 5.3 |
| AMPELLIA | 4.0 | 5.4 | 7.7 | 4.3 | 6.5 | 3.3 | 6.7 | 4.3 | 5.3 |
| CYNTHIA | 4.0 | 4.4 | 8.7 | 4.2 | 5.2 | 4.3 | 6.3 | 4.7 | 5.2 |
| PST-A84-405 | 4.7 | 4.1 | 7.7 | 5.4 | 6.0 | 3.3 | 6.2 | 4.3 | 5.2 |
| LIMOUSINE | 4.3 | 4.9 | 6.3 | 6.1 | 6.5 | 3.7 | 5.5 | 4.3 | 5.2 |
| TOUCHDOWN | 5.3 | 3.1 | 8.3 | 4.0 | 6.0 | 3.3 | 6.0 | 5.3 | 5.2 |
| MINSTREL | 4.7 | 4.2 | 7.0 | 4.1 | 6.0 | 3.7 | 7.0 | 4.3 | 5.1 |
| BELMONT (798) | 4.0 | 4.1 | 8.0 | 4.4 | 6.7 | 3.0 | 6.5 | 4.0 | 5.1 |
| NUBLUE (J-229) | 5.0 | 4.1 | 7.7 | 5.2 | 5.8 | 3.0 | 5.5 | 4.3 | 5.1 |
| PREAKNESS (602) | 4.3 | 4.1 | 8.0 | 5.0 | 4.8 | 3.3 | 5.8 | 4.7 | 5.0 |
| LIVINGSTON | 4.0 | 3.9 | 7.0 | 4.4 | 6.5 | 3.3 | 6.8 | 4.0 | 5.0 |

TABLE 15. WINTER COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION

| NAME | CO1 | ID2 | KY1 | NJ1 | NJ2 | NJ3 | OR9 | VA1 | MEAN |
|-------------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|
| PST-HV-116 | 4.7 | 3.3 | 7.7 | 4.1 | 6.0 | 3.7 | 6.5 | 4.0 | 5.0 |
| BAR VB 852 | 4.3 | 4.2 | 6.7 | 5.3 | 6.0 | 3.7 | 5.7 | 4.0 | 5.0 |
| SHAMROCK (H86-712) | 3.7 | 4.7 | 7.7 | 3.8 | 4.7 | 3.3 | 6.0 | 5.7 | 4.9 |
| ESTATE | 4.0 | 4.6 | 6.7 | 4.7 | 5.8 | 3.7 | 5.7 | 4.3 | 4.9 |
| A-34 | 4.3 | 2.6 | 7.3 | 5.6 | 5.8 | 4.0 | 5.0 | 4.7 | 4.9 |
| ABLE I | 4.0 | 3.7 | 6.3 | 5.4 | 5.8 | 4.0 | 6.3 | 3.7 | 4.9 |
| MIRACLE | 5.0 | 3.7 | 8.0 | 2.9 | 5.2 | 3.7 | 6.2 | 4.7 | 4.9 |
| WW AG 505 | 5.3 | 3.4 | 7.3 | 4.1 | 5.5 | 3.0 | 5.7 | 4.7 | 4.9 |
| ECLIPSE | 4.7 | 4.2 | 7.0 | 3.9 | 5.5 | 3.3 | 5.7 | 4.7 | 4.9 |
| OPTI-GREEN (PST-B8-106) | 4.0 | 4.9 | 6.7 | 5.0 | 5.5 | 3.0 | 5.8 | 4.0 | 4.9 |
| J-386 | 4.0 | 3.6 | 7.7 | 4.4 | 5.7 | 3.3 | 6.2 | 4.0 | 4.9 |
| 4 ACES (PST-RE-88) | 3.7 | 4.0 | 8.0 | 5.1 | 4.2 | 3.3 | 5.8 | 4.7 | 4.8 |
| GINGER | 3.3 | 5.7 | 8.3 | 2.9 | 4.8 | 4.0 | 4.3 | 5.3 | 4.8 |
| CARDIFF | 4.0 | 3.7 | 8.3 | 4.6 | 4.5 | 3.0 | 5.7 | 5.0 | 4.8 |
| EVB 13.703 | 4.3 | 4.0 | 8.0 | 4.0 | 4.0 | 3.3 | 5.7 | 5.0 | 4.8 |
| BARZAN | 3.7 | 3.4 | 6.3 | 4.7 | 7.3 | 3.5 | 6.0 | 3.3 | 4.8 |
| PST-0514 | 4.7 | 3.2 | 6.7 | 5.0 | 5.3 | 3.7 | 5.8 | 3.7 | 4.8 |
| UNIQUE (PST-C-76) | 3.0 | 2.3 | 7.0 | 5.4 | 5.2 | 3.7 | 6.3 | 5.0 | 4.7 |
| CONNI | 4.0 | 3.2 | 6.7 | 4.0 | 5.8 | 3.0 | 6.5 | 4.7 | 4.7 |
| ASCOT (BA 77-279) | 4.0 | 4.8 | 6.3 | 4.4 | 6.2 | 3.0 | 5.7 | 3.3 | 4.7 |
| NOBLESSE | 4.0 | 2.8 | 7.7 | 3.7 | 5.2 | 3.7 | 6.0 | 4.7 | 4.7 |
| BARTITIA | 4.0 | 4.0 | 7.0 | 4.6 | 6.0 | 2.5 | 5.5 | 4.0 | 4.7 |
| BROADWAY | 6.0 | 2.3 | 7.7 | 3.0 | 4.5 | 3.3 | 6.5 | 4.0 | 4.7 |
| PST-C-224 | 4.7 | 3.8 | 6.3 | 5.3 | 5.3 | 3.0 | 5.2 | 3.7 | 4.7 |
| BARCELONA (BAR VB 1184) | 4.7 | 3.9 | 6.7 | 3.7 | 6.3 | 3.3 | 4.7 | 4.0 | 4.7 |
| INDIGO | 4.0 | 3.0 | 6.7 | 5.0 | 4.8 | 3.7 | 6.0 | 4.0 | 4.6 |
| MONOPOLY | 4.3 | 3.4 | 7.0 | 4.4 | 4.3 | 3.3 | 5.5 | 4.3 | 4.6 |
| ALLURE (BA 73-540) | 4.0 | 5.2 | 6.7 | 4.8 | 5.3 | 2.0 | 4.3 | 4.0 | 4.5 |
| COVENTRY | 3.7 | 4.2 | 6.7 | 4.8 | 5.2 | 2.7 | 5.2 | 4.0 | 4.5 |
| NE 80-47 | 4.0 | 3.3 | 8.3 | 2.7 | 5.3 | 3.3 | 6.0 | 3.3 | 4.5 |
| PST-A7-1877 | 4.0 | 4.4 | 6.0 | 4.6 | 5.7 | 2.7 | 4.8 | 4.0 | 4.5 |
| MERIT | 3.3 | 4.0 | 7.7 | 2.4 | 4.5 | 3.3 | 5.5 | 5.3 | 4.5 |
| HV 125 | 4.0 | 4.2 | 6.3 | 4.0 | 5.0 | 3.3 | 5.5 | 3.7 | 4.5 |
| J-333 | 4.3 | 3.9 | 7.7 | 2.9 | 2.8 | 3.0 | 5.8 | 5.3 | 4.5 |
| APEX (SUMMIT) | 6.0 | 3.2 | 7.0 | 2.1 | 4.5 | 3.0 | 6.3 | 3.3 | 4.4 |
| SR 2100 | 4.7 | 4.6 | 6.7 | 2.2 | 3.7 | 3.3 | 6.0 | 4.3 | 4.4 |
| RAM-1 | 4.3 | 3.7 | 8.0 | 2.3 | 4.3 | 3.7 | 5.2 | 3.7 | 4.4 |
| MELBA | 4.0 | 2.9 | 7.0 | 2.8 | 4.7 | 3.0 | 6.3 | 4.3 | 4.4 |
| MIDNIGHT | 4.3 | 3.2 | 6.3 | 4.1 | 4.8 | 3.3 | 5.2 | 3.7 | 4.4 |
| OPAL | 4.3 | 2.1 | 7.7 | 3.6 | 3.5 | 4.0 | 5.8 | 4.0 | 4.4 |
| NUSTAR | 3.7 | 3.3 | 7.0 | 2.9 | 3.7 | 3.7 | 6.7 | 4.0 | 4.4 |
| MERION | 3.7 | 3.0 | 7.3 | 4.3 | 4.5 | 2.3 | 5.3 | 4.3 | 4.4 |
| PST-1DW | 5.7 | 3.4 | 6.3 | 2.8 | 4.2 | 3.0 | 6.0 | 3.3 | 4.3 |
| ABBAY | 3.3 | 4.4 | 6.7 | 2.0 | 3.5 | 3.3 | 5.7 | 5.7 | 4.3 |
| EVA (WW AG 508) | 5.0 | 2.3 | 7.0 | 2.9 | 4.2 | 3.7 | 5.5 | 4.0 | 4.3 |

TABLE 15. WINTER COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION

| NAME | CO1 | ID2 | KY1 | NJ1 | NJ2 | NJ3 | OR9 | VA1 | MEAN |
|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|
| FAIRFAX (BA 69-82) | 4.3 | 3.5 | 6.7 | 4.3 | 5.5 | 2.3 | 4.0 | 3.7 | 4.3 |
| BA 77-292 | 3.7 | 3.7 | 7.3 | 4.1 | 4.3 | 2.3 | 4.2 | 4.7 | 4.3 |
| KELLY | 4.0 | 4.4 | 6.7 | 2.0 | 3.5 | 3.0 | 5.7 | 4.7 | 4.2 |
| CHELSEA | 4.3 | 3.1 | 8.0 | 1.4 | 3.5 | 2.7 | 6.8 | 4.0 | 4.2 |
| FORTUNA | 3.7 | 3.8 | 7.0 | 2.4 | 3.7 | 3.0 | 5.3 | 5.0 | 4.2 |
| BA 70-131 | 3.7 | 4.0 | 6.3 | 4.6 | 5.7 | 1.7 | 3.8 | 4.0 | 4.2 |
| BARSWEEP | 4.3 | 1.9 | 7.0 | 3.4 | 4.7 | 3.0 | 5.7 | 3.7 | 4.2 |
| KWS PP 13-2 | 4.7 | 4.4 | 7.3 | 1.7 | 2.7 | 2.3 | 6.5 | 4.0 | 4.2 |
| DONNA | 4.0 | 2.1 | 7.7 | 3.4 | 4.2 | 3.3 | 5.2 | 3.7 | 4.2 |
| PST-A84-928 | 4.0 | 3.9 | 6.7 | 1.6 | 3.8 | 3.0 | 5.5 | 5.0 | 4.2 |
| RAVEN (BA 78-258) | 4.0 | 3.6 | 6.7 | 3.6 | 3.8 | 3.0 | 4.5 | 4.3 | 4.2 |
| BA 76-305 | 4.0 | 4.3 | 6.7 | 2.3 | 3.7 | 3.0 | 4.3 | 5.0 | 4.2 |
| VIVA (BA 73-366) | 3.7 | 4.2 | 7.3 | 2.1 | 3.3 | 3.0 | 5.7 | 4.0 | 4.2 |
| GLADE | 4.3 | 4.8 | 7.0 | 2.0 | 4.5 | 2.7 | 5.2 | 2.3 | 4.1 |
| NOTTINGHAM (BA 77-700) | 4.3 | 3.9 | 7.3 | 2.9 | 3.7 | 2.3 | 4.3 | 4.0 | 4.1 |
| CANNON (BA 73-381) | 3.7 | 4.1 | 7.0 | 1.8 | 3.8 | 2.7 | 4.0 | 5.7 | 4.1 |
| BA 73-382 | 3.3 | 4.6 | 7.0 | 2.7 | 3.5 | 2.0 | 4.5 | 5.0 | 4.1 |
| CREST | 4.0 | 4.1 | 6.7 | 1.8 | 3.5 | 2.7 | 5.2 | 4.7 | 4.1 |
| BARON | 3.7 | 3.7 | 6.7 | 1.9 | 3.7 | 3.7 | 4.5 | 4.7 | 4.0 |
| MARQUIS | 3.7 | 3.8 | 7.0 | 1.7 | 3.5 | 3.3 | 4.7 | 4.3 | 4.0 |
| EV8 13.863 | 4.3 | 3.0 | 7.3 | 1.6 | 3.5 | 3.3 | 5.2 | 3.7 | 4.0 |
| PST-A7-341 | 3.3 | 3.7 | 6.3 | 1.4 | 4.2 | 3.7 | 5.2 | 4.0 | 4.0 |
| TRAMPAS | 4.0 | 2.1 | 6.0 | 2.1 | 5.2 | 2.7 | 5.7 | 4.0 | 4.0 |
| BLUE STAR (PST-B8-13) | 3.7 | 2.8 | 6.7 | 1.4 | 3.5 | 3.3 | 5.7 | 4.3 | 3.9 |
| EAGLETON | 4.3 | 1.6 | 6.3 | 3.9 | 5.2 | 3.3 | 4.5 | 2.0 | 3.9 |
| GNOME | 3.3 | 3.7 | 6.7 | 1.3 | 3.2 | 2.7 | 5.0 | 5.0 | 3.9 |
| GREENLEY | 3.3 | 2.2 | 8.3 | 2.8 | 3.3 | 3.3 | 4.3 | 3.0 | 3.8 |
| ALPINE | 3.7 | 3.6 | 5.7 | 2.8 | 3.7 | 3.0 | 5.0 | 3.0 | 3.8 |
| PST-R-740 | 3.0 | 3.9 | 5.7 | 2.0 | 3.3 | 2.0 | 5.5 | 4.3 | 3.7 |
| RONDE | 3.7 | 1.4 | 9.0 | 2.6 | 4.2 | 3.0 | 3.8 | 2.0 | 3.7 |
| R751A | 3.3 | 3.1 | 6.0 | 1.2 | 3.5 | 2.7 | 5.2 | 4.3 | 3.7 |
| SOUTH DAKOTA CERT. | 3.7 | 2.7 | 8.7 | 2.6 | 3.0 | 1.7 | 3.2 | 3.7 | 3.6 |
| BARMAX (BAR VB 7037) | 4.3 | 2.4 | 6.7 | 2.2 | 2.2 | 2.7 | 4.7 | 3.7 | 3.6 |
| KENBLUE | 3.3 | 1.8 | 8.7 | 2.1 | 3.3 | 3.3 | 3.3 | 2.3 | 3.5 |
| MIRANDA | 4.7 | 1.7 | 5.7 | 1.2 | 3.3 | 2.0 | 4.7 | 3.0 | 3.3 |
| LSD VALUE | 1.6 | 1.5 | 0.8 | 1.2 | 2.0 | 1.0 | 1.1 | 1.1 | 0.6 |

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).

TABLE 16. DROUGHT TOLERANCE (WILTING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

DROUGHT TOLERANCE (WILTING) RATINGS 1-9; 9=NO WILTING 2/

| NAME | NJ1 | ON1 | MEAN | NAME | NJ1 | ON1 | MEAN |
|----------------------|-----|-----|------|-------------------------|-----|-----|------|
| EAGLETON | 8.7 | 5.0 | 6.8 | COVENTRY | 6.0 | 4.7 | 5.3 |
| MONOPOLY | 8.3 | 5.0 | 6.7 | DESTINY | 5.7 | 5.0 | 5.3 |
| A-34 | 8.0 | 5.3 | 6.7 | PST-C-224 | 6.7 | 4.0 | 5.3 |
| BAR VB 852 | 8.3 | 4.7 | 6.5 | SR 2000 | 6.7 | 4.0 | 5.3 |
| SUFFOLK | 7.7 | 5.3 | 6.5 | ESTATE | 5.3 | 5.3 | 5.3 |
| BARONIE (BAR VB 985) | 8.0 | 4.7 | 6.3 | LIVINGSTON | 6.3 | 4.3 | 5.3 |
| FREEDOM | 7.7 | 5.0 | 6.3 | PRINCETON 104 | 6.3 | 4.3 | 5.3 |
| J13-152 | 7.7 | 5.0 | 6.3 | JULIA | 5.7 | 4.7 | 5.2 |
| SILVIA | 8.3 | 4.3 | 6.3 | 1757 | 6.3 | 4.0 | 5.2 |
| J11-94 | 7.3 | 5.3 | 6.3 | ALLURE (BA 73-540) | 6.0 | 4.3 | 5.2 |
| CHALLENGER | 7.7 | 4.7 | 6.2 | ALPINE | 5.3 | 5.0 | 5.2 |
| CLASSIC | 7.7 | 4.7 | 6.2 | ASPEN | 6.0 | 4.3 | 5.2 |
| J34-99 | 7.7 | 4.7 | 6.2 | NUBLUE (J-229) | 5.3 | 5.0 | 5.2 |
| PREAKNESS (602) | 7.7 | 4.7 | 6.2 | OPTI-GREEN (PST-B8-106) | 6.3 | 4.0 | 5.2 |
| DAWN | 7.0 | 5.3 | 6.2 | SHAMROCK (H86-712) | 6.3 | 4.0 | 5.2 |
| BARMAX (BAR VB 7037) | 7.3 | 4.7 | 6.0 | ASCOT (BA 77-279) | 6.0 | 4.0 | 5.0 |
| BLACKSBURG | 7.7 | 4.3 | 6.0 | PST-A7-1877 | 5.7 | 4.3 | 5.0 |
| ECLIPSE | 7.0 | 5.0 | 6.0 | PST-HV-116 | 5.7 | 4.3 | 5.0 |
| GEORGETOWN | 7.3 | 4.7 | 6.0 | SR 2100 | 5.3 | 4.7 | 5.0 |
| INDIGO | 8.0 | 4.0 | 6.0 | BARBLUE | 5.7 | 4.0 | 4.8 |
| MERION | 7.0 | 5.0 | 6.0 | MIDNIGHT | 5.0 | 4.7 | 4.8 |
| PST-UD-12 | 7.0 | 5.0 | 6.0 | EVB 13.703 | 5.3 | 4.3 | 4.8 |
| TRENTON | 7.3 | 4.7 | 6.0 | RAVEN (BA 78-258) | 4.3 | 5.3 | 4.8 |
| BANFF | 7.0 | 4.7 | 5.8 | MELBA | 4.7 | 4.7 | 4.7 |
| BAR VB 1169 | 6.7 | 5.0 | 5.8 | TOUCHDOWN | 4.7 | 4.7 | 4.7 |
| LIBERTY | 6.7 | 5.0 | 5.8 | NOTTINGHAM (BA 77-700) | 4.3 | 5.0 | 4.7 |
| NE 80-47 | 6.7 | 5.0 | 5.8 | PENNPRO (PR-1) | 4.3 | 5.0 | 4.7 |
| NUSTAR | 7.7 | 4.0 | 5.8 | VIVA (BA 73-366) | 4.3 | 5.0 | 4.7 |
| UNIQUE (PST-C-76) | 6.7 | 5.0 | 5.8 | BARCELONA (BAR VB 1184) | 4.7 | 4.3 | 4.5 |
| RITA (PST-UD-10) | 7.3 | 4.3 | 5.8 | BELMONT (798) | 5.0 | 4.0 | 4.5 |
| CARDIFF | 6.7 | 4.7 | 5.7 | FORTUNA | 4.7 | 4.3 | 4.5 |
| COBALT | 6.7 | 4.7 | 5.7 | HV 125 | 4.7 | 4.3 | 4.5 |
| CALIBER (J-335) | 7.0 | 4.3 | 5.7 | KELLY | 4.0 | 5.0 | 4.5 |
| EVB 13.863 | 6.3 | 5.0 | 5.7 | RONDE | 5.0 | 4.0 | 4.5 |
| HAGA | 7.0 | 4.3 | 5.7 | LIMOUSINE | 4.3 | 4.5 | 4.4 |
| OPAL | 6.3 | 5.0 | 5.7 | CYNTHIA | 4.0 | 4.7 | 4.3 |
| PLATINI | 6.3 | 5.0 | 5.7 | CANNON (BA 73-381) | 3.7 | 5.0 | 4.3 |
| PST-A84-405 | 7.0 | 4.3 | 5.7 | PST-R-740 | 3.7 | 5.0 | 4.3 |
| PSU-151 | 6.3 | 5.0 | 5.7 | PST-A84-928 | 3.3 | 5.0 | 4.2 |
| FAIRFAX (BA 69-82) | 6.7 | 4.3 | 5.5 | ABLE I | 3.0 | 5.3 | 4.2 |
| J-333 | 6.3 | 4.7 | 5.5 | BA 73-382 | 4.3 | 4.0 | 4.2 |
| J-386 | 6.7 | 4.3 | 5.5 | BA 77-292 | 4.3 | 4.0 | 4.2 |
| 4 ACES (PST-RE-88) | 5.7 | 5.0 | 5.3 | EVA (WW AG 508) | 4.0 | 4.3 | 4.2 |
| BA 70-131 | 5.7 | 5.0 | 5.3 | NASSAU | 4.3 | 4.0 | 4.2 |
| BARTITIA | 5.7 | 5.0 | 5.3 | SOUTH DAKOTA CERT. | 4.0 | 4.3 | 4.2 |

TABLE 16. DROUGHT TOLERANCE (WILTING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

DROUGHT TOLERANCE (WILTING) RATINGS 1-9; 9=NO WILTING

| NAME | NJ1 | ON1 | MEAN |
|------------------------|-----|-----|------|
| BARON | 3.3 | 4.7 | 4.0 |
| CONNI | 3.7 | 4.3 | 4.0 |
| DONNA | 4.0 | 4.0 | 4.0 |
| GINGER | 5.0 | 3.0 | 4.0 |
| PST-0514 | 3.3 | 4.7 | 4.0 |
| PST-A84-803 | 3.3 | 4.7 | 4.0 |
| TRAMPAS | 3.3 | 4.7 | 4.0 |
| WASHINGTON | 3.3 | 4.7 | 4.0 |
| ABBAY | 2.7 | 5.0 | 3.8 |
| BA 76-305 | 3.7 | 4.0 | 3.8 |
| BARSWEEP | 3.3 | 4.3 | 3.8 |
| BARZAN | 4.0 | 3.7 | 3.8 |
| MARQUIS | 3.3 | 4.3 | 3.8 |
| CREST | 2.7 | 4.7 | 3.7 |
| NOBLESSE | 2.7 | 4.7 | 3.7 |
| PST-1DW | 2.7 | 4.7 | 3.7 |
| WW AG 505 | 2.7 | 4.7 | 3.7 |
| GREENLEY | 3.7 | 3.7 | 3.7 |
| MERIT | 3.0 | 4.3 | 3.7 |
| APEX (SUMMIT) | 2.0 | 5.0 | 3.5 |
| GLADE | 2.0 | 5.0 | 3.5 |
| GNOME | 3.0 | 4.0 | 3.5 |
| MINSTREL | 2.7 | 4.3 | 3.5 |
| MIRACLE | 2.3 | 4.7 | 3.5 |
| MIRANDA | 2.3 | 4.7 | 3.5 |
| RAM-1 | 2.3 | 4.7 | 3.5 |
| AMPELLIA | 2.7 | 4.0 | 3.3 |
| BUCKINGHAM (BA 74-114) | 2.3 | 4.3 | 3.3 |
| CHELSEA | 2.3 | 4.3 | 3.3 |
| KENBLUE | 2.3 | 4.3 | 3.3 |
| KWS PP 13-2 | 2.3 | 4.3 | 3.3 |
| PST-A7-341 | 2.7 | 4.0 | 3.3 |
| R751A | 2.3 | 4.3 | 3.3 |
| BLUE STAR (PST-B8-13) | 2.0 | 4.0 | 3.0 |
| BROADWAY | 1.7 | 3.7 | 2.7 |
| LSL VALUE | 1.9 | 1.2 | 1.1 |

1/ DROUGHT TOLERANCE (WILTING) RATED AT "ON1" IN 1991 AND AT "NJ1" IN 1992.

2/ 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).

TABLE 17. DROUGHT TOLERANCE (DORMANCY) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

DROUGHT TOLERANCE (DORMANCY) RATINGS 1-9; 9=NO DORMANCY 2/

| NAME | IL2 | VA2 | MEAN | NAME | IL2 | VA2 | MEAN |
|------------------------|-----|-----|------|-------------------------|-----|-----|------|
| SR 2100 | 5.7 | 4.3 | 5.0 | KWS PP 13-2 | 3.3 | 4.3 | 3.8 |
| FAIRFAX (BA 69-82) | 5.0 | 4.3 | 4.7 | NUSTAR | 4.0 | 3.7 | 3.8 |
| NOTTINGHAM (BA 77-700) | 4.0 | 5.3 | 4.7 | OPTI-GREEN (PST-B8-106) | 4.0 | 3.7 | 3.8 |
| RITA (PST-UD-10) | 5.0 | 4.3 | 4.7 | PST-R-740 | 4.0 | 3.7 | 3.8 |
| ASCOT (BA 77-279) | 5.0 | 4.0 | 4.5 | ABLE I | 4.0 | 3.3 | 3.7 |
| ESTATE | 4.7 | 4.3 | 4.5 | ALPINE | 3.3 | 4.0 | 3.7 |
| RAM-1 | 4.7 | 4.3 | 4.5 | BARCELONA (BAR VB 1184) | 4.0 | 3.3 | 3.7 |
| RONDE | 4.0 | 5.0 | 4.5 | BARONIE (BAR VB 985) | 4.0 | 3.3 | 3.7 |
| SR 2000 | 5.0 | 4.0 | 4.5 | BARTITIA | 3.3 | 4.0 | 3.7 |
| UNIQUE (PST-C-76) | 5.3 | 3.7 | 4.5 | BLUE STAR (PST-B8-13) | 3.3 | 4.0 | 3.7 |
| SHAMROCK (H86-712) | 4.7 | 4.0 | 4.3 | DAWN | 4.0 | 3.3 | 3.7 |
| TOUCHDOWN | 4.7 | 4.0 | 4.3 | EVB 13.863 | 4.0 | 3.3 | 3.7 |
| 1757 | 5.0 | 3.7 | 4.3 | FORTUNA | 3.3 | 4.0 | 3.7 |
| 4 ACES (PST-RE-88) | 4.3 | 4.3 | 4.3 | LIVINGSTON | 4.0 | 3.3 | 3.7 |
| GLADE | 3.7 | 5.0 | 4.3 | MERIT | 2.7 | 4.7 | 3.7 |
| OPAL | 5.0 | 3.7 | 4.3 | MIRACLE | 3.3 | 4.0 | 3.7 |
| BA 73-382 | 3.3 | 5.0 | 4.2 | NUBLUE (J-229) | 4.0 | 3.3 | 3.7 |
| BLACKSBURG | 4.7 | 3.7 | 4.2 | PST-A7-341 | 3.3 | 4.0 | 3.7 |
| INDIGO | 3.7 | 4.7 | 4.2 | TRENTON | 4.0 | 3.3 | 3.7 |
| PST-0514 | 4.7 | 3.7 | 4.2 | CLASSIC | 3.7 | 3.7 | 3.7 |
| PST-A84-928 | 3.7 | 4.7 | 4.2 | CONNI | 3.7 | 3.7 | 3.7 |
| RAVEN (BA 78-258) | 3.7 | 4.7 | 4.2 | EVB 13.703 | 3.7 | 3.7 | 3.7 |
| SILVIA | 4.7 | 3.7 | 4.2 | MERION | 3.7 | 3.7 | 3.7 |
| BAR VB 852 | 4.3 | 4.0 | 4.2 | MINSTREL | 3.0 | 4.3 | 3.7 |
| COBALT | 4.3 | 4.0 | 4.2 | MIRANDA | 3.7 | 3.7 | 3.7 |
| CREST | 4.0 | 4.3 | 4.2 | A-34 | 4.0 | 3.0 | 3.5 |
| ECLIPSE | 4.0 | 4.3 | 4.2 | BA 70-131 | 3.3 | 3.7 | 3.5 |
| ABBEY | 3.7 | 4.3 | 4.0 | BARBLUE | 3.7 | 3.3 | 3.5 |
| BANFF | 4.7 | 3.3 | 4.0 | BARON | 3.0 | 4.0 | 3.5 |
| BARZAN | 3.0 | 5.0 | 4.0 | BUCKINGHAM (BA 74-114) | 3.0 | 4.0 | 3.5 |
| BELMONT (798) | 3.7 | 4.3 | 4.0 | GNOME | 3.3 | 3.7 | 3.5 |
| COVENTRY | 4.3 | 3.7 | 4.0 | HAGA | 4.0 | 3.0 | 3.5 |
| MARQUIS | 3.3 | 4.7 | 4.0 | HV 125 | 3.0 | 4.0 | 3.5 |
| MIDNIGHT | 4.3 | 3.7 | 4.0 | J11-94 | 4.0 | 3.0 | 3.5 |
| PREAKNESS (602) | 4.0 | 4.0 | 4.0 | JULIA | 3.7 | 3.3 | 3.5 |
| PST-A7-1877 | 4.3 | 3.7 | 4.0 | MELBA | 3.3 | 3.7 | 3.5 |
| BA 76-305 | 3.0 | 4.7 | 3.8 | NE 80-47 | 3.3 | 3.7 | 3.5 |
| VIVA (BA 73-366) | 3.0 | 4.7 | 3.8 | NOBLESSE | 3.3 | 3.7 | 3.5 |
| ALLURE (BA 73-540) | 3.7 | 4.0 | 3.8 | PENNPRO (PR-1) | 3.7 | 3.3 | 3.5 |
| BA 77-292 | 3.3 | 4.3 | 3.8 | PRINCETON 104 | 3.3 | 3.7 | 3.5 |
| BARSWEEP | 4.0 | 3.7 | 3.8 | PST-1DW | 3.3 | 3.7 | 3.5 |
| DESTINY | 3.7 | 4.0 | 3.8 | PST-A84-803 | 3.7 | 3.3 | 3.5 |
| EAGLETON | 4.0 | 3.7 | 3.8 | PST-C-224 | 3.7 | 3.3 | 3.5 |
| GEORGETOWN | 4.0 | 3.7 | 3.8 | PST-UD-12 | 4.0 | 3.0 | 3.5 |
| J-386 | 3.3 | 4.3 | 3.8 | PSU-151 | 3.7 | 3.3 | 3.5 |

TABLE 17. DROUGHT TOLERANCE (DORMANCY) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

DROUGHT TOLERANCE (DORMANCY) RATINGS 1-9; 9=NO DORMANCY

| NAME | IL2 | VA2 | MEAN |
|----------------------|-----|-----|------|
| TRAMPAS | 3.3 | 3.7 | 3.5 |
| AMPELLIA | 3.3 | 3.3 | 3.3 |
| CARDIFF | 3.3 | 3.3 | 3.3 |
| CHALLENGER | 3.3 | 3.3 | 3.3 |
| J-333 | 3.3 | 3.3 | 3.3 |
| J34-99 | 3.3 | 3.3 | 3.3 |
| LIMOUSINE | 3.3 | 3.3 | 3.3 |
| NASSAU | 3.3 | 3.3 | 3.3 |
| APEX (SUMMIT) | 3.7 | 3.0 | 3.3 |
| ASPEN | 3.7 | 3.0 | 3.3 |
| CHELSEA | 2.3 | 4.3 | 3.3 |
| DONNA | 3.0 | 3.7 | 3.3 |
| GREENLEY | 2.7 | 4.0 | 3.3 |
| KELLY | 2.7 | 4.0 | 3.3 |
| KENBLUE | 2.7 | 4.0 | 3.3 |
| LIBERTY | 3.7 | 3.0 | 3.3 |
| MONOPOLY | 2.7 | 4.0 | 3.3 |
| PST-A84-405 | 3.0 | 3.7 | 3.3 |
| R751A | 2.7 | 4.0 | 3.3 |
| SOUTH DAKOTA CERT. | 2.7 | 4.0 | 3.3 |
| BAR VB 1169 | 3.3 | 3.0 | 3.2 |
| BARMAX (BAR VB 7037) | 3.3 | 3.0 | 3.2 |
| J13-152 | 3.3 | 3.0 | 3.2 |
| PST-HV-116 | 3.3 | 3.0 | 3.2 |
| SUFFOLK | 3.3 | 3.0 | 3.2 |
| WW AG 505 | 2.3 | 4.0 | 3.2 |
| CYNTHIA | 2.7 | 3.7 | 3.2 |
| WASHINGTON | 2.7 | 3.7 | 3.2 |
| BROADWAY | 2.7 | 3.3 | 3.0 |
| CALIBER (J-335) | 2.7 | 3.3 | 3.0 |
| CANNON (BA 73-381) | 2.0 | 4.0 | 3.0 |
| EVA (WW AG 508) | 2.0 | 4.0 | 3.0 |
| FREEDOM | 3.0 | 3.0 | 3.0 |
| GINGER | 2.7 | 3.3 | 3.0 |
| PLATINI | 3.0 | 3.0 | 3.0 |
| LSL VALUE | 1.6 | 1.1 | 1.0 |

1/ DROUGHT TOLERANCE (DORMANCY) RATED AT "IL2" IN 1991 AND AT "VA2" IN 1992.

2/ 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).

TABLE 18.

DROUGHT TOLERANCE (RECOVERY) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

DROUGHT TOLERANCE (RECOVERY) RATINGS 1-9; 9=COMPLETE RECOVERY 2/

| NAME | IL2 | OR9 | VA2 | MEAN | NAME | IL2 | OR9 | VA2 | MEAN |
|-------------------------|-----|-----|-----|------|--------------------|-----|-----|-----|------|
| BAR VB 852 | 5.7 | 6.3 | 5.7 | 5.9 | SILVIA | 5.3 | 4.7 | 1.3 | 3.8 |
| PST-A84-928 | 5.0 | 5.3 | 5.3 | 5.2 | BA 76-305 | 5.0 | 4.3 | 2.0 | 3.8 |
| BARON | 4.7 | 6.3 | 4.0 | 5.0 | CANNON (BA 73-381) | 4.3 | 4.3 | 2.7 | 3.8 |
| MERIT | 5.3 | 6.0 | 3.7 | 5.0 | MERION | 5.3 | 1.7 | 4.3 | 3.8 |
| ALLURE (BA 73-540) | 4.7 | 4.7 | 5.3 | 4.9 | PST-A84-803 | 5.0 | 3.7 | 2.7 | 3.8 |
| SR 2100 | 6.7 | 5.0 | 3.0 | 4.9 | GLADE | 4.7 | 3.7 | 2.3 | 3.6 |
| MONOPOLY | 3.0 | 6.3 | 5.3 | 4.9 | PST-C-224 | 5.0 | 3.3 | 2.3 | 3.6 |
| KENBLUE | 4.3 | 5.3 | 4.7 | 4.8 | PST-R-740 | 5.7 | 3.7 | 1.3 | 3.6 |
| ESTATE | 4.7 | 6.3 | 3.0 | 4.7 | R751A | 4.7 | 3.7 | 2.3 | 3.6 |
| J-386 | 4.0 | 5.0 | 5.0 | 4.7 | SOUTH DAKOTA CERT. | 4.7 | 2.7 | 3.3 | 3.6 |
| LIVINGSTON | 5.0 | 5.7 | 3.3 | 4.7 | BA 70-131 | 4.3 | 3.0 | 3.3 | 3.6 |
| SR 2000 | 6.3 | 3.0 | 4.7 | 4.7 | BLACKSBURG | 6.3 | 2.7 | 1.7 | 3.6 |
| FORTUNA | 4.7 | 5.7 | 3.3 | 4.6 | CREST | 5.0 | 4.3 | 1.3 | 3.6 |
| EAGLETON | 5.3 | 6.0 | 2.3 | 4.6 | HAGA | 5.3 | 2.7 | 2.7 | 3.6 |
| J-333 | 5.0 | 6.0 | 2.7 | 4.6 | PLATINI | 3.7 | 5.3 | 1.7 | 3.6 |
| BELMONT (798) | 5.7 | 4.0 | 3.7 | 4.4 | CHALLENGER | 5.0 | 2.0 | 3.3 | 3.4 |
| RITA (PST-UD-10) | 5.3 | 4.7 | 3.3 | 4.4 | DAWN | 5.7 | 3.3 | 1.3 | 3.4 |
| VIVA (BA 73-366) | 5.0 | 4.7 | 3.7 | 4.4 | MIRANDA | 4.0 | 5.3 | 1.0 | 3.4 |
| KELLY | 4.7 | 4.3 | 4.3 | 4.4 | ABLE I | 4.7 | 4.0 | 1.3 | 3.3 |
| OPAL | 6.0 | 5.7 | 1.3 | 4.3 | BA 77-292 | 4.7 | 2.3 | 3.0 | 3.3 |
| SHAMROCK (H86-712) | 5.0 | 4.7 | 3.3 | 4.3 | LIBERTY | 4.7 | 3.7 | 1.7 | 3.3 |
| FAIRFAX (BA 69-82) | 6.0 | 4.0 | 3.0 | 4.3 | MIDNIGHT | 5.3 | 3.7 | 1.0 | 3.3 |
| MARQUIS | 4.0 | 4.3 | 4.7 | 4.3 | PST-0514 | 5.7 | 2.3 | 2.0 | 3.3 |
| NUSTAR | 4.7 | 4.3 | 4.0 | 4.3 | PST-A7-1877 | 5.0 | 3.7 | 1.3 | 3.3 |
| PST-A7-341 | 5.0 | 5.3 | 2.7 | 4.3 | TOUCHDOWN | 5.0 | 3.7 | 1.3 | 3.3 |
| ASPEN | 5.7 | 2.7 | 4.3 | 4.2 | CLASSIC | 4.7 | 3.7 | 1.3 | 3.2 |
| NOTTINGHAM (BA 77-700) | 5.3 | 4.3 | 3.0 | 4.2 | J13-152 | 4.7 | 3.7 | 1.3 | 3.2 |
| BARMAX (BAR VB 7037) | 5.0 | 4.0 | 3.3 | 4.1 | EVV 13.863 | 5.3 | 3.3 | 1.0 | 3.2 |
| GNOME | 4.7 | 5.0 | 2.7 | 4.1 | NUBLUE (J-229) | 5.3 | 3.3 | 1.0 | 3.2 |
| NASSAU | 4.7 | 5.3 | 2.3 | 4.1 | PENNPRO (PR-1) | 5.0 | 3.7 | 1.0 | 3.2 |
| 4 ACES (PST-RE-88) | 5.0 | 3.0 | 4.3 | 4.1 | PST-A84-405 | 4.0 | 4.0 | 1.7 | 3.2 |
| GREENLEY | 4.0 | 4.3 | 4.0 | 4.1 | CALIBER (J-335) | 4.0 | 3.3 | 2.0 | 3.1 |
| RAVEN (BA 78-258) | 5.3 | 5.3 | 1.7 | 4.1 | J34-99 | 4.7 | 3.7 | 1.0 | 3.1 |
| COBALT | 6.0 | 2.7 | 3.3 | 4.0 | PST-UD-12 | 5.0 | 2.3 | 2.0 | 3.1 |
| COVENTRY | 5.7 | 3.7 | 2.7 | 4.0 | SUFFOLK | 4.7 | 3.7 | 1.0 | 3.1 |
| GINGER | 4.3 | 4.3 | 3.3 | 4.0 | J11-94 | 5.0 | 2.7 | 1.7 | 3.1 |
| OPTI-GREEN (PST-B8-106) | 5.3 | 4.3 | 2.3 | 4.0 | CYNTHIA | 4.0 | 4.0 | 1.0 | 3.0 |
| PREAKNESS (602) | 4.3 | 5.3 | 2.3 | 4.0 | TRENTON | 5.3 | 2.3 | 1.3 | 3.0 |
| PSU-151 | 4.7 | 5.3 | 2.0 | 4.0 | ECLIPSE | 5.0 | 1.7 | 2.0 | 2.9 |
| UNIQUE (PST-C-76) | 6.3 | 2.3 | 3.3 | 4.0 | 1757 | 5.3 | 2.0 | 1.3 | 2.9 |
| RONDE | 5.0 | 3.3 | 3.3 | 3.9 | DESTINY | 4.3 | 2.0 | 2.3 | 2.9 |
| ABBAY | 5.0 | 4.0 | 2.7 | 3.9 | JULIA | 4.0 | 3.7 | 1.0 | 2.9 |
| INDIGO | 5.0 | 5.0 | 1.7 | 3.9 | KWS PP 13-2 | 4.0 | 2.7 | 2.0 | 2.9 |
| RAM-1 | 5.3 | 3.3 | 3.0 | 3.9 | MINSTREL | 3.7 | 2.3 | 2.7 | 2.9 |
| BA 73-382 | 4.7 | 4.3 | 2.3 | 3.8 | NOBLESSE | 4.3 | 3.3 | 1.0 | 2.9 |

TABLE 18. DROUGHT TOLERANCE (RECOVERY) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

DROUGHT TOLERANCE (RECOVERY) RATINGS 1-9; 9=COMPLETE RECOVERY

| NAME | IL2 | OR9 | VA2 | MEAN |
|-------------------------|-----|-----|-----|------|
| PRINCETON 104 | 4.0 | 3.7 | 1.0 | 2.9 |
| AMPELLIA | 3.3 | 3.3 | 1.7 | 2.8 |
| BLUE STAR (PST-B8-13) | 4.7 | 2.0 | 1.7 | 2.8 |
| DONNA | 3.3 | 4.0 | 1.0 | 2.8 |
| NE 80-47 | 4.7 | 2.7 | 1.0 | 2.8 |
| BANFF | 4.7 | 2.3 | 1.0 | 2.7 |
| BAR VB 1169 | 3.7 | 3.3 | 1.0 | 2.7 |
| BARONIE (BAR VB 985) | 4.7 | 2.3 | 1.0 | 2.7 |
| EVA (WW AG 508) | 3.0 | 3.7 | 1.3 | 2.7 |
| GEORGETOWN | 4.3 | 2.7 | 1.0 | 2.7 |
| BUCKINGHAM (BA 74-114) | 3.3 | 2.3 | 2.0 | 2.6 |
| HV 125 | 4.7 | 1.7 | 1.3 | 2.6 |
| A-34 | 5.3 | 1.3 | 1.0 | 2.6 |
| WW AG 505 | 2.7 | 4.0 | 1.0 | 2.6 |
| ASCOT (BA 77-279) | 4.7 | 1.7 | 1.0 | 2.4 |
| BARBLUE | 4.7 | 1.7 | 1.0 | 2.4 |
| BARCELONA (BAR VB 1184) | 4.0 | 2.3 | 1.0 | 2.4 |
| BARSWEET | 4.7 | 1.7 | 1.0 | 2.4 |
| BARTITIA | 3.7 | 2.7 | 1.0 | 2.4 |
| LIMOUSINE | 4.3 | 1.3 | 1.7 | 2.4 |
| WASHINGTON | 3.7 | 2.3 | 1.3 | 2.4 |
| APEX (SUMMIT) | 4.3 | 1.7 | 1.0 | 2.3 |
| BARZAN | 4.0 | 2.0 | 1.0 | 2.3 |
| CHELSEA | 3.7 | 2.3 | 1.0 | 2.3 |
| FREEDOM | 4.0 | 2.0 | 1.0 | 2.3 |
| PST-1DW | 3.7 | 1.3 | 2.0 | 2.3 |
| CARDIFF | 4.0 | 1.0 | 1.7 | 2.2 |
| ALPINE | 3.7 | 1.7 | 1.0 | 2.1 |
| CONNI | 3.7 | 1.7 | 1.0 | 2.1 |
| MIRACLE | 2.7 | 2.7 | 1.0 | 2.1 |
| EVB 13.703 | 4.0 | 1.0 | 1.0 | 2.0 |
| MELBA | 3.3 | 1.7 | 1.0 | 2.0 |
| BROADWAY | 3.0 | 1.7 | 1.0 | 1.9 |
| PST-HV-116 | 3.7 | 1.0 | 1.0 | 1.9 |
| TRAMPAS | 3.3 | 1.0 | 1.0 | 1.8 |
| LSD VALUE | 1.7 | 1.7 | 1.8 | 1.0 |

1/ DROUGHT TOLERANCE (RECOVERY) RATED AT "IL2" & "OR9" IN 1991 AND AT "VA2" IN 1993.

2/ 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).

TABLE 19. MELTING-OUT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
 GROWN UNDER HIGH MAINTENANCE
 1991-1995 DATA

MELTING-OUT RATINGS 1-9; 9=NO DAMAGE 2/

| NAME | OR9 | NAME | OR9 |
|------------------------|-----|-------------------------|-----|
| 1757 | 7.7 | WW AG 505 | 4.7 |
| CYNTHIA | 7.0 | BROADWAY | 4.3 |
| AMPELLIA | 6.7 | CARDIFF | 4.3 |
| ASPEN | 6.7 | CHALLENGER | 4.3 |
| PRINCETON 104 | 6.7 | JULIA | 4.3 |
| MINSTREL | 6.3 | MIRACLE | 4.3 |
| NASSAU | 6.3 | MONOPOLY | 4.3 |
| BUCKINGHAM (BA 74-114) | 6.0 | APEX (SUMMIT) | 4.0 |
| DESTINY | 6.0 | BLACKSBURG | 4.0 |
| FREEDOM | 6.0 | CALIBER (J-335) | 4.0 |
| PST-A84-803 | 6.0 | CHELSEA | 4.0 |
| RITA (PST-UD-10) | 6.0 | GINGER | 4.0 |
| BARBLUE | 5.7 | HV 125 | 4.0 |
| CONNI | 5.7 | INDIGO | 4.0 |
| PENNPRO (PR-1) | 5.7 | LIVINGSTON | 4.0 |
| SUFFOLK | 5.7 | MELBA | 4.0 |
| TRENTON | 5.7 | NUSTAR | 4.0 |
| ASCOT (BA 77-279) | 5.3 | PSU-151 | 4.0 |
| J11-94 | 5.3 | SR 2100 | 4.0 |
| SHAMROCK (H86-712) | 5.3 | A-34 | 3.7 |
| SR 2000 | 5.3 | EVA (WW AG 508) | 3.7 |
| BANEF | 5.0 | EVB 13.863 | 3.7 |
| BAR VB 1169 | 5.0 | KWS PP 13-2 | 3.7 |
| BAR VB 852 | 5.0 | NE 80-47 | 3.7 |
| CLASSIC | 5.0 | NOBLESSE | 3.7 |
| COBALT | 5.0 | NUBLUE (J-229) | 3.7 |
| GEORGETOWN | 5.0 | OPAL | 3.7 |
| J-333 | 5.0 | TRAMPAS | 3.7 |
| J13-152 | 5.0 | BA 77-292 | 3.3 |
| J34-99 | 5.0 | BARCELONA (BAR VB 1184) | 3.3 |
| LIBERTY | 5.0 | GREENLEY | 3.3 |
| PST-1DW | 5.0 | J-386 | 3.3 |
| PST-A84-405 | 5.0 | MIDNIGHT | 3.3 |
| TOUCHDOWN | 5.0 | PREAKNESS (602) | 3.3 |
| WASHINGTON | 5.0 | PST-0514 | 3.3 |
| BARONIE (BAR VB 985) | 4.7 | PST-HV-116 | 3.3 |
| BELMONT (798) | 4.7 | RAM-1 | 3.3 |
| DAWN | 4.7 | SOUTH DAKOTA CERT. | 3.3 |
| ECLIPSE | 4.7 | 4 ACES (PST-RE-88) | 3.0 |
| EVB 13.703 | 4.7 | ABLE I | 3.0 |
| HAGA | 4.7 | BARMAX (BAR VB 7037) | 3.0 |
| LIMOUSINE | 4.7 | BARTITIA | 3.0 |
| PLATINI | 4.7 | DONNA | 3.0 |
| PST-UD-12 | 4.7 | MIRANDA | 3.0 |
| SILVIA | 4.7 | OPTI-GREEN (PST-B8-106) | 3.0 |

TABLE 19. MELTING-OUT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

MELTING-OUT RATINGS 1-9; 9=NO DAMAGE

| NAME | OR9 |
|------------------------|-----|
| RONDE | 3.0 |
| ALPINE | 2.7 |
| BARSWEET | 2.7 |
| FAIRFAX (BA 69-82) | 2.7 |
| KENBLUE | 2.7 |
| PST-A7-1877 | 2.7 |
| PST-C-224 | 2.7 |
| UNIQUE (PST-C-76) | 2.7 |
| BARZAN | 2.3 |
| COVENTRY | 2.3 |
| EAGLETON | 2.3 |
| GLADE | 2.3 |
| MERION | 2.3 |
| VIVA (BA 73-366) | 2.3 |
| BA 70-131 | 2.0 |
| BA 73-382 | 2.0 |
| CANNON (BA 73-381) | 2.0 |
| ESTATE | 2.0 |
| ABBAY | 1.7 |
| ALLURE (BA 73-540) | 1.7 |
| BA 76-305 | 1.7 |
| BLUE STAR (PST-B8-13) | 1.7 |
| CREST | 1.7 |
| FORTUNA | 1.7 |
| MARQUIS | 1.7 |
| MERIT | 1.7 |
| NOTTINGHAM (BA 77-700) | 1.7 |
| PST-A7-341 | 1.7 |
| PST-A84-928 | 1.7 |
| PST-R-740 | 1.7 |
| RAVEN (BA 78-258) | 1.7 |
| KELLY | 1.3 |
| R751A | 1.3 |
| BARON | 1.0 |
| GNOME | 1.0 |
| LSD VALUE | 1.4 |

1/ MELTING-OUT RATED IN 1993.

2/ 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).

TABLE 20. LEAF SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

| NAME | LEAF SPOT RATINGS 1-9; 9=NO DISEASE 1/ | | | | | |
|-------------------------|--|-----|-----|-----|-----|------|
| | ID2 | NJ1 | NJ2 | OH2 | OR9 | MEAN |
| BLACKSBURG | 5.5 | 9.0 | 9.0 | 7.0 | 8.3 | 7.8 |
| SR 2000 | 6.5 | 9.0 | 8.5 | 6.7 | 7.3 | 7.6 |
| COBALT | 6.2 | 8.7 | 8.2 | 6.3 | 7.7 | 7.4 |
| ECLIPSE | 6.2 | 9.0 | 8.5 | 6.7 | 6.3 | 7.3 |
| MERION | 6.2 | 9.0 | 8.5 | 5.7 | 7.3 | 7.3 |
| 1757 | 5.8 | 8.3 | 8.3 | 6.7 | 7.3 | 7.3 |
| ASCOT (BA 77-279) | 6.2 | 9.0 | 8.3 | 7.0 | 6.0 | 7.3 |
| RITA (PST-UD-10) | 6.0 | 9.0 | 8.3 | 6.0 | 7.0 | 7.3 |
| PST-1DW | 6.2 | 8.2 | 9.0 | 6.3 | 6.7 | 7.3 |
| HV 125 | 6.2 | 8.8 | 8.8 | 6.0 | 6.3 | 7.2 |
| CALIBER (J-335) | 6.0 | 8.3 | 7.7 | 5.7 | 8.3 | 7.2 |
| APEX (SUMMIT) | 5.3 | 8.8 | 9.0 | 6.7 | 6.0 | 7.2 |
| BARCELONA (BAR VB 1184) | 4.5 | 8.8 | 8.8 | 7.3 | 6.3 | 7.2 |
| CARDIFF | 5.8 | 8.7 | 8.7 | 6.3 | 6.3 | 7.2 |
| LIMOUSINE | 6.5 | 8.7 | 8.7 | 6.3 | 5.7 | 7.2 |
| EVB 13.703 | 5.8 | 8.8 | 8.3 | 6.3 | 6.3 | 7.1 |
| MINSTREL | 5.0 | 9.0 | 8.2 | 6.3 | 7.0 | 7.1 |
| ALPINE | 4.3 | 9.0 | 8.7 | 7.3 | 6.0 | 7.1 |
| BARBLUE | 6.3 | 8.3 | 8.7 | 6.3 | 5.3 | 7.0 |
| NOBLESSE | 5.7 | 9.0 | 8.7 | 6.3 | 5.3 | 7.0 |
| PST-A84-803 | 5.0 | 8.7 | 8.3 | 6.3 | 6.7 | 7.0 |
| PST-0514 | 5.2 | 9.0 | 8.7 | 5.7 | 6.3 | 7.0 |
| ABLE I | 4.8 | 9.0 | 9.0 | 6.0 | 6.0 | 7.0 |
| PENNPRO (PR-1) | 4.8 | 8.5 | 8.3 | 6.0 | 7.0 | 6.9 |
| AMPELLIA | 6.0 | 8.8 | 7.3 | 6.3 | 6.0 | 6.9 |
| 4 ACES (PST-RE-88) | 5.7 | 9.0 | 8.3 | 6.0 | 5.3 | 6.9 |
| JULIA | 5.7 | 8.7 | 8.0 | 5.7 | 6.3 | 6.9 |
| LIBERTY | 5.8 | 8.8 | 8.3 | 5.7 | 5.7 | 6.9 |
| WASHINGTON | 6.5 | 7.3 | 6.8 | 6.0 | 7.7 | 6.9 |
| CHALLENGER | 5.7 | 8.8 | 8.3 | 6.0 | 5.3 | 6.8 |
| PRINCETON 104 | 5.2 | 9.0 | 8.3 | 6.7 | 5.0 | 6.8 |
| UNIQUE (PST-C-76) | 5.8 | 8.0 | 7.7 | 6.3 | 6.3 | 6.8 |
| DESTINY | 7.0 | 8.7 | 8.3 | 6.0 | 4.0 | 6.8 |
| MIDNIGHT | 6.0 | 8.3 | 8.0 | 6.0 | 5.7 | 6.8 |
| BROADWAY | 3.7 | 8.8 | 8.0 | 7.0 | 6.3 | 6.8 |
| BAR VB 852 | 5.7 | 8.5 | 8.2 | 6.0 | 5.3 | 6.7 |
| EVA (WW AG 508) | 5.0 | 8.3 | 8.2 | 6.7 | 5.3 | 6.7 |
| GEORGETOWN | 6.0 | 8.2 | 7.7 | 5.7 | 6.0 | 6.7 |
| BUCKINGHAM (BA 74-114) | 5.8 | 9.0 | 8.5 | 5.3 | 4.7 | 6.7 |
| OPAL | 5.0 | 9.0 | 8.7 | 6.7 | 4.0 | 6.7 |
| BELMONT (798) | 4.7 | 8.8 | 7.7 | 6.0 | 6.0 | 6.6 |
| BAR VB 1169 | 5.7 | 8.3 | 7.8 | 5.3 | 6.0 | 6.6 |
| OPTI-GREEN (PST-B8-106) | 5.8 | 7.7 | 7.3 | 6.3 | 6.0 | 6.6 |
| ASPEN | 4.3 | 8.5 | 8.2 | 6.0 | 6.0 | 6.6 |
| BARTITIA | 3.7 | 9.0 | 8.7 | 6.3 | 5.3 | 6.6 |

LEAF SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

| NAME | LEAF SPOT RATINGS 1-9; 9=NO DISEASE | | | | | |
|-----------------------|-------------------------------------|-----|-----|-----|-----|------|
| | ID2 | NJ1 | NJ2 | OH2 | OR9 | MEAN |
| INDIGO | 4.2 | 8.8 | 7.7 | 6.3 | 6.0 | 6.6 |
| WW AG 505 | 4.0 | 8.3 | 8.0 | 6.3 | 6.3 | 6.6 |
| CONNI | 3.7 | 7.7 | 7.8 | 7.3 | 6.3 | 6.6 |
| PST-A84-405 | 6.0 | 8.8 | 7.7 | 5.7 | 4.7 | 6.6 |
| NUBLUE (J-229) | 5.0 | 8.5 | 8.0 | 6.3 | 5.0 | 6.6 |
| BARSWHEET | 4.2 | 8.2 | 8.2 | 6.3 | 5.7 | 6.5 |
| J-333 | 5.8 | 7.8 | 6.7 | 5.7 | 6.3 | 6.5 |
| MIRANDA | 5.3 | 8.8 | 8.5 | 6.0 | 3.7 | 6.5 |
| NUSTAR | 4.3 | 7.8 | 7.5 | 6.0 | 6.7 | 6.5 |
| PST-UD-12 | 4.3 | 7.7 | 7.3 | 6.3 | 6.7 | 6.5 |
| TRAMPAS | 4.2 | 6.8 | 8.0 | 7.0 | 6.0 | 6.4 |
| BARMAX (BAR VB 7037) | 5.5 | 8.3 | 8.0 | 6.0 | 4.0 | 6.4 |
| TOUCHDOWN | 4.7 | 8.7 | 7.5 | 5.7 | 5.3 | 6.4 |
| PLATINI | 5.3 | 8.3 | 8.0 | 5.3 | 4.7 | 6.3 |
| TRENTON | 5.7 | 7.5 | 7.5 | 5.7 | 5.3 | 6.3 |
| NASSAU | 6.7 | 8.0 | 7.7 | 4.7 | 4.3 | 6.3 |
| SHAMROCK (H86-712) | 6.3 | 7.7 | 7.0 | 5.3 | 5.0 | 6.3 |
| BLUE STAR (PST-B8-13) | 6.3 | 7.7 | 6.2 | 5.3 | 5.7 | 6.2 |
| EVB 13.863 | 4.7 | 7.8 | 7.3 | 5.7 | 5.7 | 6.2 |
| J13-152 | 5.7 | 7.2 | 7.0 | 5.3 | 6.0 | 6.2 |
| MELBA | 3.8 | 8.3 | 7.7 | 6.3 | 5.0 | 6.2 |
| SR 2100 | 5.5 | 6.7 | 7.3 | 6.0 | 5.7 | 6.2 |
| LIVINGSTON | 4.8 | 8.0 | 7.2 | 5.3 | 5.7 | 6.2 |
| ESTATE | 5.7 | 7.7 | 7.2 | 6.3 | 4.0 | 6.2 |
| SUFFOLK | 5.7 | 8.0 | 7.5 | 5.3 | 4.3 | 6.2 |
| BANFF | 5.5 | 7.7 | 7.8 | 5.0 | 4.7 | 6.1 |
| J34-99 | 5.3 | 7.3 | 7.0 | 6.0 | 5.0 | 6.1 |
| FORTUNA | 6.0 | 8.2 | 6.7 | 5.7 | 4.0 | 6.1 |
| SILVIA | 4.7 | 7.7 | 7.5 | 5.3 | 5.3 | 6.1 |
| PSU-151 | 4.7 | 7.8 | 7.8 | 5.3 | 4.7 | 6.1 |
| J11-94 | 5.2 | 7.3 | 7.3 | 5.7 | 4.7 | 6.0 |
| DAWN | 5.7 | 7.7 | 7.3 | 5.7 | 3.7 | 6.0 |
| PST-R-740 | 6.3 | 6.5 | 6.7 | 5.7 | 4.7 | 6.0 |
| PST-A7-1877 | 5.5 | 7.2 | 7.0 | 7.0 | 3.0 | 5.9 |
| DONNA | 5.2 | 7.0 | 6.3 | 5.7 | 5.3 | 5.9 |
| A-34 | 3.8 | 7.7 | 7.2 | 6.0 | 4.7 | 5.9 |
| PST-A84-928 | 6.3 | 6.5 | 6.5 | 5.0 | 5.0 | 5.9 |
| PST-C-224 | 3.8 | 7.7 | 6.8 | 6.7 | 4.3 | 5.9 |
| HAGA | 4.8 | 7.3 | 7.7 | 5.7 | 3.7 | 5.8 |
| ABBNEY | 6.7 | 6.7 | 6.2 | 4.7 | 4.7 | 5.8 |
| CREST | 6.2 | 6.7 | 6.3 | 5.7 | 4.0 | 5.8 |
| GNOME | 6.7 | 7.0 | 6.5 | 5.0 | 3.7 | 5.8 |
| MERIT | 6.5 | 6.3 | 6.7 | 5.0 | 4.3 | 5.8 |
| R751A | 5.7 | 6.7 | 6.2 | 5.3 | 5.0 | 5.8 |
| FREEDOM | 5.2 | 7.8 | 7.3 | 5.0 | 3.3 | 5.7 |

TABLE 20.
(CONT'D)

LEAF SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

LEAF SPOT RATINGS 1-9; 9=NO DISEASE

| NAME | ID2 | NJ1 | NJ2 | OH2 | OR9 | MEAN |
|------------------------|-----|-----|-----|-----|-----|------|
| MARQUIS | 5.8 | 7.5 | 6.3 | 5.3 | 3.7 | 5.7 |
| PREAKNESS (602) | 4.8 | 7.2 | 5.5 | 6.0 | 5.0 | 5.7 |
| CLASSIC | 4.8 | 7.7 | 7.3 | 5.3 | 3.3 | 5.7 |
| BARON | 6.2 | 6.0 | 6.5 | 5.7 | 4.0 | 5.7 |
| BARONIE (BAR VB 985) | 6.2 | 8.0 | 7.5 | 4.7 | 2.0 | 5.7 |
| COVENTRY | 3.7 | 7.7 | 7.3 | 6.0 | 3.7 | 5.7 |
| J-386 | 5.2 | 6.2 | 6.0 | 5.3 | 5.7 | 5.7 |
| KELLY | 5.7 | 6.2 | 6.7 | 5.0 | 4.7 | 5.6 |
| NE 80-47 | 4.2 | 6.3 | 6.0 | 6.7 | 5.0 | 5.6 |
| CANNON (BA 73-381) | 7.0 | 6.8 | 7.0 | 5.3 | 2.0 | 5.6 |
| PST-HV-116 | 3.3 | 6.5 | 6.5 | 6.0 | 5.7 | 5.6 |
| MONOPOLY | 4.2 | 6.7 | 7.5 | 5.3 | 4.3 | 5.6 |
| VIVA (BA 73-366) | 6.2 | 6.7 | 6.2 | 4.7 | 4.3 | 5.6 |
| ALLURE (BA 73-540) | 5.8 | 7.8 | 6.5 | 6.0 | 1.3 | 5.5 |
| NOTTINGHAM (BA 77-700) | 6.0 | 6.8 | 6.7 | 5.3 | 2.3 | 5.4 |
| CYNTHIA | 3.7 | 6.0 | 6.3 | 4.7 | 6.3 | 5.4 |
| RAVEN (BA 78-258) | 6.0 | 6.7 | 6.5 | 5.3 | 2.3 | 5.4 |
| KWS PP 13-2 | 5.5 | 5.8 | 5.0 | 4.3 | 6.0 | 5.3 |
| BA 73-382 | 6.0 | 6.8 | 6.7 | 5.3 | 1.7 | 5.3 |
| CHELSEA | 4.8 | 6.0 | 4.8 | 4.7 | 6.0 | 5.3 |
| BA 77-292 | 4.8 | 7.0 | 6.3 | 5.7 | 2.3 | 5.2 |
| PST-A7-341 | 4.7 | 5.3 | 6.3 | 5.7 | 4.0 | 5.2 |
| BA 70-131 | 4.3 | 6.7 | 6.5 | 6.3 | 2.0 | 5.2 |
| BA 76-305 | 5.2 | 6.2 | 6.5 | 5.3 | 2.3 | 5.1 |
| FAIRFAX (BA 69-82) | 3.8 | 6.5 | 6.5 | 5.7 | 2.0 | 4.9 |
| MIRACLE | 5.0 | 4.3 | 3.5 | 5.3 | 5.7 | 4.8 |
| BARZAN | 3.8 | 4.2 | 4.0 | 6.0 | 5.3 | 4.7 |
| GLADE | 3.7 | 5.0 | 5.0 | 6.3 | 3.0 | 4.6 |
| RAM-1 | 2.5 | 4.5 | 5.0 | 6.0 | 4.3 | 4.5 |
| GINGER | 4.7 | 5.8 | 4.8 | 3.0 | 2.3 | 4.1 |
| EAGLETON | 2.0 | 4.8 | 4.5 | 5.7 | 2.3 | 3.9 |
| GREENLEY | 2.3 | 3.3 | 2.2 | 3.7 | 2.3 | 2.8 |
| RONDE | 1.2 | 2.5 | 1.5 | 4.0 | 2.0 | 2.2 |
| SOUTH DAKOTA CERT. | 1.8 | 2.5 | 1.0 | 3.0 | 1.0 | 1.9 |
| KENBLUE | 1.3 | 1.5 | 1.0 | 3.0 | 1.7 | 1.7 |
| LSD VALUE | 1.4 | 1.4 | 2.0 | 1.1 | 1.5 | 0.8 |

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).

TABLE 21. STEM RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

STEM RUST RATINGS 1-9; 9=NO DISEASE 2/

| NAME | NJ2 | NAME | NJ2 |
|------------------------|-----|-------------------------|-----|
| DAWN | 9.0 | R751A | 7.0 |
| GEORGETOWN | 8.7 | RAVEN (BA 78-258) | 7.0 |
| SUFFOLK | 8.7 | RITA (PST-UD-10) | 7.0 |
| PST-A84-803 | 8.3 | SHAMROCK (H86-712) | 7.0 |
| ALPINE | 8.0 | 1757 | 6.7 |
| BARONIE (BAR VB 985) | 8.0 | BA 70-131 | 6.7 |
| CLASSIC | 8.0 | BELMONT (798) | 6.7 |
| EVB 13.863 | 8.0 | COVENTRY | 6.7 |
| FREEDOM | 8.0 | HV 125 | 6.7 |
| HAGA | 8.0 | MARQUIS | 6.7 |
| INDIGO | 8.0 | NE 80-47 | 6.7 |
| J11-94 | 8.0 | PST-A7-1877 | 6.7 |
| J13-152 | 8.0 | PST-A84-928 | 6.7 |
| J34-99 | 8.0 | VIVA (BA 73-366) | 6.7 |
| KELLY | 8.0 | ALLURE (BA 73-540) | 6.3 |
| MIDNIGHT | 8.0 | DESTINY | 6.3 |
| NASSAU | 8.0 | ESTATE | 6.3 |
| PST-A84-405 | 8.0 | FAIRFAX (BA 69-82) | 6.3 |
| RAM-1 | 8.0 | J-333 | 6.3 |
| TRENTON | 8.0 | MERIT | 6.3 |
| ASEEN | 7.7 | MONOPOLY | 6.3 |
| BANFF | 7.7 | OPTI-GREEN (PST-B8-106) | 6.3 |
| BARZAN | 7.7 | PST-C-224 | 6.3 |
| CREST | 7.7 | PST-R-740 | 6.3 |
| FORTUNA | 7.7 | SR 2100 | 6.3 |
| GLADE | 7.7 | BLUE STAR (PST-B8-13) | 6.0 |
| LIBERTY | 7.7 | EVA (WW AG 508) | 6.0 |
| PREAKNESS (602) | 7.7 | EVB 13.703 | 6.0 |
| UNIQUE (PST-C-76) | 7.7 | GREENLEY | 6.0 |
| WASHINGTON | 7.7 | TRAMPAS | 6.0 |
| ASCOT (BA 77-279) | 7.3 | BUCKINGHAM (BA 74-114) | 5.7 |
| BA 73-382 | 7.3 | CONNI | 5.7 |
| BA 76-305 | 7.3 | KENBLUE | 5.7 |
| CANNON (BA 73-381) | 7.3 | LIVINGSTON | 5.7 |
| COBALT | 7.3 | MIRACLE | 5.7 |
| NOTTINGHAM (BA 77-700) | 7.3 | CARDIFF | 5.3 |
| PST-A7-341 | 7.3 | JULIA | 5.3 |
| PST-UD-12 | 7.3 | PST-0514 | 5.3 |
| WW AG 505 | 7.3 | SILVIA | 5.3 |
| ABBEY | 7.0 | APEX (SUMMIT) | 5.0 |
| BARON | 7.0 | BARBLUE | 5.0 |
| EAGLETON | 7.0 | BARMAX (BAR VB 7037) | 5.0 |
| GNCME | 7.0 | BARSWEEP | 5.0 |
| NUBLUE (J-229) | 7.0 | PST-HV-116 | 5.0 |
| NUSTAR | 7.0 | AMPELLIA | 4.7 |

TABLE 21. STEM RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

STEM RUST RATINGS 1-9; 9=NO DISEASE

| NAME | NJ2 |
|-------------------------|-----|
| BAR VB 1169 | 4.7 |
| CYNTHIA | 4.7 |
| PRINCETON 104 | 4.7 |
| PST-1DW | 4.7 |
| A-34 | 4.3 |
| CALIBER (J-335) | 4.3 |
| MINSTREL | 4.3 |
| OPAL | 4.3 |
| PSU-151 | 4.3 |
| SOUTH DAKOTA CERT. | 4.3 |
| CHALLENGER | 4.0 |
| ECLIPSE | 4.0 |
| LIMOUSINE | 4.0 |
| PLATINI | 4.0 |
| SR 2000 | 4.0 |
| KWS PP 13-2 | 3.7 |
| RONDE | 3.7 |
| ABLE I | 3.3 |
| DONNA | 3.3 |
| J-386 | 3.3 |
| MELBA | 3.3 |
| BARCELONA (BAR VB 1184) | 3.0 |
| BARTITIA | 3.0 |
| CHELSEA | 3.0 |
| MIRANDA | 2.7 |
| NOBLESSE | 2.7 |
| BAR VB 852 | 2.3 |
| BROADWAY | 2.3 |
| PENNPRO (PR-1) | 2.3 |
| TOUCHDOWN | 2.3 |
| 4 ACES (PST-RE-88) | 2.0 |
| BLACKSBURG | 2.0 |
| BA 77-292 | 1.3 |
| GINGER | 1.3 |
| MERION | 1.0 |
| LSD VALUE | 1.4 |

1/ STEM RUST RATED IN 1991.

2/ 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).

TABLE 22. DOLLAR SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

| NAME | DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 1/ | | | | | |
|------------------------|--|-----|-----|-----|-----|------|
| | IL1 | MD1 | NJ2 | RI1 | VA2 | MEAN |
| EAGLETON | 6.7 | 8.3 | 8.7 | 8.4 | 9.0 | 8.2 |
| ECLIPSE | 5.2 | 8.7 | 8.3 | 7.8 | 9.0 | 7.8 |
| 1757 | 5.5 | 8.5 | 8.7 | 7.8 | 8.3 | 7.8 |
| MIDNIGHT | 5.0 | 8.7 | 8.0 | 8.0 | 9.0 | 7.7 |
| ASCOT (BA 77-279) | 4.5 | 8.7 | 8.0 | 8.4 | 9.0 | 7.7 |
| PREAKNESS (602) | 5.3 | 8.7 | 8.7 | 7.8 | 8.0 | 7.7 |
| RITA (PST-UD-10) | 5.3 | 8.6 | 8.0 | 7.8 | 8.7 | 7.7 |
| PRINCETON 104 | 7.0 | 8.7 | 6.3 | 8.0 | 8.3 | 7.7 |
| SR 2000 | 5.8 | 8.5 | 7.0 | 7.8 | 8.7 | 7.6 |
| UNIQUE (PST-C-76) | 4.2 | 8.8 | 8.3 | 8.2 | 8.0 | 7.5 |
| LIBERTY | 4.8 | 8.5 | 8.3 | 7.4 | 8.3 | 7.5 |
| KENBLUE | 3.8 | 8.7 | 9.0 | 7.1 | 8.7 | 7.5 |
| ASPEN | 4.7 | 8.6 | 7.7 | 7.4 | 8.7 | 7.4 |
| LIVINGSTON | 5.0 | 8.3 | 7.3 | 8.0 | 8.3 | 7.4 |
| CLASSIC | 4.5 | 8.8 | 7.3 | 7.7 | 8.3 | 7.3 |
| INDIGO | 4.8 | 7.8 | 7.3 | 7.9 | 8.7 | 7.3 |
| BLACKSBURG | 5.2 | 8.0 | 7.0 | 8.0 | 8.3 | 7.3 |
| NASSAU | 4.8 | 8.7 | 6.3 | 8.0 | 8.7 | 7.3 |
| CREST | 4.3 | 8.7 | 7.3 | 8.1 | 8.0 | 7.3 |
| SR 2100 | 5.0 | 8.3 | 6.3 | 7.8 | 9.0 | 7.3 |
| 4 ACES (PST-RE-88) | 4.2 | 8.2 | 8.0 | 7.3 | 8.7 | 7.3 |
| KELLY | 3.8 | 8.5 | 7.0 | 8.0 | 9.0 | 7.3 |
| NOTTINGHAM (BA 77-700) | 5.2 | 8.2 | 7.0 | 7.2 | 8.7 | 7.2 |
| BARMAX (BAR VB 7037) | 3.5 | 8.5 | 7.3 | 7.8 | 9.0 | 7.2 |
| SOUTH DAKOTA CERT. | 2.5 | 8.6 | 8.7 | 7.9 | 8.3 | 7.2 |
| PST-A84-405 | 4.0 | 8.6 | 7.7 | 7.7 | 8.0 | 7.2 |
| BUCKINGHAM (BA 74-114) | 3.7 | 8.7 | 8.0 | 7.2 | 8.3 | 7.2 |
| GLADE | 4.8 | 8.2 | 7.0 | 6.9 | 9.0 | 7.2 |
| BARBLUE | 4.7 | 8.6 | 8.0 | 6.2 | 8.3 | 7.2 |
| BARONIE (BAR VB 985) | 4.0 | 8.6 | 6.3 | 8.1 | 8.7 | 7.1 |
| GREENLEY | 3.8 | 8.8 | 6.7 | 7.9 | 8.3 | 7.1 |
| DESTINY | 4.2 | 8.3 | 7.7 | 7.3 | 8.0 | 7.1 |
| GEORGETOWN | 3.8 | 8.7 | 7.0 | 7.2 | 8.7 | 7.1 |
| MONOPOLY | 4.5 | 8.2 | 7.0 | 8.0 | 7.7 | 7.1 |
| SHAMROCK (H86-712) | 5.2 | 8.6 | 5.7 | 7.6 | 8.3 | 7.1 |
| BARON | 4.5 | 8.3 | 6.3 | 7.8 | 8.3 | 7.1 |
| MERION | 3.3 | 8.2 | 7.3 | 7.4 | 9.0 | 7.1 |
| PST-A84-928 | 4.3 | 8.3 | 6.7 | 6.9 | 9.0 | 7.0 |
| BA 73-382 | 4.5 | 8.5 | 5.7 | 7.9 | 8.7 | 7.0 |
| VIVA (BA 73-366) | 4.3 | 8.0 | 6.3 | 7.9 | 8.7 | 7.0 |
| WASHINGTON | 5.5 | 8.5 | 5.3 | 7.6 | 8.3 | 7.0 |
| CANNON (BA 73-381) | 4.5 | 8.7 | 7.0 | 6.7 | 8.3 | 7.0 |
| COBALT | 4.7 | 8.6 | 6.0 | 7.2 | 8.7 | 7.0 |
| HV 125 | 3.7 | 8.3 | 7.3 | 7.8 | 8.0 | 7.0 |
| FORTUNA | 3.8 | 8.3 | 6.7 | 7.9 | 8.3 | 7.0 |

DOLLAR SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

| NAME | DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE | | | | | |
|-----------------------|---------------------------------------|-----|-----|-----|-----|------|
| | IL1 | MD1 | NJ2 | RI1 | VA2 | MEAN |
| MERIT | 4.5 | 8.6 | 6.0 | 7.6 | 8.3 | 7.0 |
| NOBLESSE | 4.3 | 8.5 | 8.0 | 7.4 | 6.7 | 7.0 |
| J-386 | 4.0 | 8.5 | 6.0 | 7.3 | 9.0 | 7.0 |
| BA 76-305 | 4.5 | 8.5 | 6.3 | 7.1 | 8.3 | 7.0 |
| MARQUIS | 4.5 | 8.3 | 6.0 | 7.8 | 8.0 | 6.9 |
| RAVEN (BA 78-258) | 4.3 | 8.7 | 5.3 | 7.6 | 8.7 | 6.9 |
| KWS PP 13-2 | 3.8 | 8.0 | 7.3 | 7.7 | 7.7 | 6.9 |
| NUSTAR | 4.7 | 8.8 | 6.0 | 7.3 | 7.7 | 6.9 |
| SUFFOLK | 3.7 | 8.6 | 6.7 | 7.2 | 8.3 | 6.9 |
| PSU-151 | 4.8 | 8.4 | 6.0 | 7.2 | 8.0 | 6.9 |
| J34-99 | 4.7 | 8.7 | 5.0 | 7.1 | 9.0 | 6.9 |
| J11-94 | 4.2 | 8.6 | 6.3 | 7.3 | 8.0 | 6.9 |
| TRENTON | 4.0 | 8.6 | 6.3 | 7.4 | 8.0 | 6.9 |
| RONDE | 3.3 | 8.4 | 7.3 | 7.2 | 8.0 | 6.9 |
| NE 80-47 | 3.3 | 8.2 | 7.3 | 7.1 | 8.3 | 6.9 |
| PST-A7-341 | 3.8 | 8.3 | 6.7 | 7.4 | 8.0 | 6.9 |
| BA 77-292 | 3.3 | 8.7 | 7.0 | 6.9 | 8.3 | 6.8 |
| FREEDOM | 4.0 | 8.4 | 6.3 | 7.1 | 8.3 | 6.8 |
| ABBAY | 4.3 | 8.5 | 6.0 | 7.9 | 7.3 | 6.8 |
| EVB 13.703 | 4.2 | 7.8 | 6.0 | 7.7 | 8.3 | 6.8 |
| PST-A84-803 | 4.5 | 8.2 | 6.3 | 7.0 | 8.0 | 6.8 |
| PST-R-740 | 3.2 | 8.3 | 6.7 | 7.1 | 8.7 | 6.8 |
| BANFF | 4.3 | 8.7 | 5.7 | 6.9 | 8.3 | 6.8 |
| HAGA | 3.5 | 8.5 | 6.3 | 6.9 | 8.7 | 6.8 |
| J13-152 | 4.2 | 8.5 | 6.3 | 7.0 | 7.7 | 6.7 |
| A-34 | 4.0 | 8.5 | 5.7 | 7.4 | 8.0 | 6.7 |
| CARDIFF | 3.7 | 7.8 | 6.0 | 7.4 | 8.7 | 6.7 |
| GNOME | 3.5 | 8.7 | 6.0 | 7.8 | 7.7 | 6.7 |
| R751A | 3.7 | 8.3 | 6.0 | 7.2 | 8.3 | 6.7 |
| BLUE STAR (PST-B8-13) | 4.2 | 8.0 | 6.3 | 7.0 | 8.0 | 6.7 |
| TOUCHDOWN | 4.7 | 8.2 | 4.7 | 7.3 | 8.7 | 6.7 |
| NUBLUE (J-229) | 4.3 | 8.7 | 6.0 | 6.8 | 7.7 | 6.7 |
| ABLE I | 4.0 | 8.3 | 5.0 | 8.0 | 8.0 | 6.7 |
| WW AG 505 | 3.8 | 8.5 | 4.3 | 7.7 | 9.0 | 6.7 |
| DAWN | 4.0 | 8.3 | 5.7 | 7.3 | 8.0 | 6.7 |
| BELMONT (798) | 4.7 | 8.3 | 5.7 | 7.2 | 7.3 | 6.6 |
| DONNA | 3.3 | 8.3 | 6.7 | 7.2 | 7.7 | 6.6 |
| MIRACLE | 3.0 | 8.3 | 7.3 | 6.4 | 8.0 | 6.6 |
| PST-A7-1877 | 4.2 | 7.8 | 6.3 | 7.0 | 7.7 | 6.6 |
| BARZAN | 4.3 | 7.8 | 4.3 | 7.4 | 9.0 | 6.6 |
| MIRANDA | 4.5 | 8.0 | 6.3 | 7.3 | 6.7 | 6.6 |
| J-333 | 4.0 | 8.0 | 5.7 | 6.4 | 8.7 | 6.6 |
| GINGER | 3.3 | 8.2 | 8.0 | 7.2 | 5.7 | 6.5 |
| PST-0514 | 3.5 | 8.0 | 5.0 | 7.2 | 8.3 | 6.4 |
| MINSTREL | 3.0 | 7.7 | 6.3 | 7.2 | 7.7 | 6.4 |

TABLE 22. DOLLAR SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE

| NAME | IL1 | MD1 | NJ2 | RI1 | VA2 | MEAN |
|-------------------------|-----|-----|-----|-----|-----|------|
| PENNPRO (PR-1) | 4.2 | . | 7.0 | 7.2 | 7.0 | 6.3 |
| CYNTHIA | 3.3 | 8.4 | 4.7 | 7.4 | 7.7 | 6.3 |
| BROADWAY | 3.2 | 8.2 | 5.0 | 7.1 | 8.0 | 6.3 |
| EVB 13.863 | 3.7 | 8.2 | 4.3 | 7.2 | 8.0 | 6.3 |
| ALLURE (BA 73-540) | 3.7 | 7.0 | 5.7 | 6.6 | 8.3 | 6.2 |
| COVENTRY | 3.5 | 7.5 | 6.0 | 7.0 | 7.0 | 6.2 |
| PST-1DW | 3.7 | 8.0 | 4.0 | 7.0 | 8.3 | 6.2 |
| BARCELONA (BAR VB 1184) | 2.8 | 8.3 | 3.7 | 7.3 | 8.7 | 6.2 |
| CHALLENGER | 3.7 | . | 6.0 | 7.3 | 7.7 | 6.2 |
| APEX (SUMMIT) | 3.8 | 8.0 | 3.7 | 7.1 | 8.0 | 6.1 |
| BA 70-131 | 3.8 | 7.7 | 5.3 | 6.8 | 7.0 | 6.1 |
| PST-HV-116 | 3.0 | 8.0 | 5.0 | 6.8 | 7.7 | 6.1 |
| FAIRFAX (BA 69-82) | 4.0 | 7.4 | 5.0 | 6.9 | 7.0 | 6.1 |
| BARTITIA | 3.2 | 8.3 | 3.7 | 7.1 | 8.0 | 6.1 |
| PST-UD-12 | 3.5 | 8.6 | 3.7 | 6.8 | 7.7 | 6.0 |
| ESTATE | 3.7 | 8.2 | 4.7 | 6.2 | 7.3 | 6.0 |
| ALPINE | 3.8 | 7.6 | 4.7 | 5.9 | 8.0 | 6.0 |
| CALIBER (J-335) | 4.3 | 8.2 | 4.0 | 6.1 | 7.3 | 6.0 |
| OPTI-GREEN (PST-B8-106) | 3.8 | 7.3 | 4.7 | 6.3 | 7.7 | 6.0 |
| RAM-1 | 2.2 | 6.8 | 4.7 | 6.9 | 9.0 | 5.9 |
| AMPELLIA | 3.7 | 8.0 | 4.3 | 6.3 | 7.0 | 5.9 |
| CHELSEA | 3.2 | 7.0 | 4.3 | 6.7 | 8.0 | 5.8 |
| BAR VB 852 | 3.8 | 7.8 | 2.7 | 5.7 | 8.3 | 5.7 |
| PST-C-224 | 3.7 | . | 5.3 | 6.3 | 7.3 | 5.7 |
| SILVIA | 2.7 | 8.2 | 3.7 | 5.7 | 7.7 | 5.6 |
| TRAMPAS | 3.5 | 7.3 | 3.7 | 6.2 | 7.0 | 5.5 |
| MELBA | 2.5 | 7.4 | 2.7 | 7.0 | 8.0 | 5.5 |
| LIMOUSINE | 3.0 | 7.2 | 4.0 | 5.6 | 7.7 | 5.5 |
| JULIA | 2.7 | 7.7 | 3.7 | 5.6 | 7.7 | 5.4 |
| PLATINI | 2.8 | 8.2 | 2.7 | 5.8 | 7.7 | 5.4 |
| EVA (WW AG 508) | 1.8 | 8.0 | 3.3 | 5.8 | 7.3 | 5.3 |
| BARSWEET | 2.3 | 7.3 | 2.3 | 5.6 | 8.7 | 5.2 |
| CONNI | 2.8 | 6.5 | 2.3 | 5.4 | 8.3 | 5.1 |
| BAR VB 1169 | 2.0 | 7.7 | 3.0 | 4.7 | 7.3 | 4.9 |
| OPAL | 2.3 | 5.4 | 2.3 | 5.4 | 7.7 | 4.6 |
| LSD VALUE | 1.6 | 0.8 | 2.2 | 1.3 | 1.7 | 0.7 |

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).

TABLE 23.

RED THREAD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

| NAME | KY1 | OH2 | MEAN | NAME | KY1 | OH2 | MEAN |
|------------------------|-----|-----|------|-------------------------|-----|-----|------|
| FORTUNA | 9.0 | 8.0 | 8.5 | SHAMROCK (H86-712) | 7.7 | 7.7 | 7.7 |
| PRINCETON 104 | 9.0 | 8.0 | 8.5 | BA 73-382 | 7.3 | 8.0 | 7.7 |
| VIVA (BA 73-366) | 9.0 | 8.0 | 8.5 | CLASSIC | 7.3 | 8.0 | 7.7 |
| RITA (PST-UD-10) | 9.0 | 7.7 | 8.3 | COBALT | 7.3 | 8.0 | 7.7 |
| ASCOT (BA 77-279) | 8.7 | 8.0 | 8.3 | CREST | 7.3 | 8.0 | 7.7 |
| ASPEN | 8.7 | 8.0 | 8.3 | PST-A84-405 | 7.3 | 8.0 | 7.7 |
| BLACKSBURG | 8.7 | 8.0 | 8.3 | R751A | 8.0 | 7.3 | 7.7 |
| CHALLENGER | 8.7 | 8.0 | 8.3 | SUFFOLK | 7.3 | 8.0 | 7.7 |
| GNOME | 8.7 | 8.0 | 8.3 | ALPINE | 8.3 | 6.7 | 7.5 |
| AMPELLIA | 8.3 | 8.0 | 8.2 | BARBLUE | 7.3 | 7.7 | 7.5 |
| CANNON (BA 73-381) | 8.3 | 8.0 | 8.2 | BARCELONA (BAR VB 1184) | 7.7 | 7.3 | 7.5 |
| MINSTREL | 8.3 | 8.0 | 8.2 | ESTATE | 7.0 | 8.0 | 7.5 |
| CONNI | 8.7 | 7.7 | 8.2 | KWS PP 13-2 | 7.7 | 7.3 | 7.5 |
| MIRANDA | 8.7 | 7.7 | 8.2 | LIVINGSTON | 7.3 | 7.7 | 7.5 |
| BA 76-305 | 8.0 | 8.0 | 8.0 | NOBLESSE | 7.3 | 7.7 | 7.5 |
| BARONIE (BAR VB 985) | 8.3 | 7.7 | 8.0 | PSU-151 | 7.0 | 8.0 | 7.5 |
| INDIGO | 8.3 | 7.7 | 8.0 | TRAMPAS | 7.7 | 7.3 | 7.5 |
| KELLY | 8.3 | 7.7 | 8.0 | 4 ACES (PST-RE-88) | 7.0 | 7.7 | 7.3 |
| MARQUIS | 8.3 | 7.7 | 8.0 | BARTITIA | 7.7 | 7.0 | 7.3 |
| NASSAU | 8.7 | 7.3 | 8.0 | J13-152 | 6.7 | 8.0 | 7.3 |
| NUBLUE (J-229) | 8.3 | 7.7 | 8.0 | J34-99 | 6.7 | 8.0 | 7.3 |
| NUSTAR | 8.0 | 8.0 | 8.0 | PST-UD-12 | 6.7 | 8.0 | 7.3 |
| PST-A84-803 | 8.3 | 7.7 | 8.0 | UNIQUE (PST-C-76) | 7.0 | 7.7 | 7.3 |
| SR 2000 | 8.0 | 8.0 | 8.0 | WASHINGTON | 7.7 | 7.0 | 7.3 |
| TRENTON | 8.0 | 8.0 | 8.0 | MONOPOLY | 7.3 | 7.3 | 7.3 |
| 1757 | 7.7 | 8.0 | 7.8 | PST-A7-341 | 7.3 | 7.3 | 7.3 |
| ABLE I | 8.0 | 7.7 | 7.8 | BLUE STAR (PST-B8-13) | 6.7 | 7.7 | 7.2 |
| APEX (SUMMIT) | 8.0 | 7.7 | 7.8 | J-333 | 6.7 | 7.7 | 7.2 |
| BARON | 8.0 | 7.7 | 7.8 | RAVEN (BA 78-258) | 6.7 | 7.7 | 7.2 |
| BELMONT (798) | 8.0 | 7.7 | 7.8 | EVB 13.703 | 7.3 | 7.0 | 7.2 |
| BROADWAY | 8.0 | 7.7 | 7.8 | HAGA | 7.3 | 7.0 | 7.2 |
| BUCKINGHAM (BA 74-114) | 7.7 | 8.0 | 7.8 | J11-94 | 7.3 | 7.0 | 7.2 |
| DAWN | 7.7 | 8.0 | 7.8 | PST-1DW | 6.3 | 8.0 | 7.2 |
| DESTINY | 8.0 | 7.7 | 7.8 | TOUCHDOWN | 7.0 | 7.3 | 7.2 |
| ECLIPSE | 8.0 | 7.7 | 7.8 | BARSWEEP | 7.3 | 6.7 | 7.0 |
| MERION | 8.0 | 7.7 | 7.8 | BARZAN | 6.0 | 8.0 | 7.0 |
| PST-A84-928 | 7.7 | 8.0 | 7.8 | EAGLETON | 6.7 | 7.3 | 7.0 |
| PST-R-740 | 8.3 | 7.3 | 7.8 | GLADE | 7.0 | 7.0 | 7.0 |
| ABBEY | 7.7 | 7.7 | 7.7 | J-386 | 6.7 | 7.3 | 7.0 |
| GEORGETOWN | 7.7 | 7.7 | 7.7 | LIMOUSINE | 6.0 | 8.0 | 7.0 |
| HV 125 | 7.7 | 7.7 | 7.7 | MELBA | 7.0 | 7.0 | 7.0 |
| LIBERTY | 7.7 | 7.7 | 7.7 | PST-A7-1877 | 6.0 | 8.0 | 7.0 |
| MERIT | 8.3 | 7.0 | 7.7 | PST-C-224 | 6.3 | 7.7 | 7.0 |
| MIDNIGHT | 8.3 | 7.0 | 7.7 | PST-HV-116 | 6.3 | 7.7 | 7.0 |
| NOTTINGHAM (BA 77-700) | 7.7 | 7.7 | 7.7 | SR 2100 | 6.7 | 7.3 | 7.0 |

TABLE 23.
(CONT'D)

RED THREAD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE

| NAME | KY1 | OH2 | MEAN |
|-------------------------|-----|-----|------|
| BAR VB 1169 | 6.7 | 7.0 | 6.8 |
| BAR VB 852 | 7.0 | 6.7 | 6.8 |
| CARDIFF | 7.7 | 6.0 | 6.8 |
| FREEDOM | 6.0 | 7.7 | 6.8 |
| GINGER | 5.7 | 8.0 | 6.8 |
| OPTI-GREEN (PST-B8-106) | 6.0 | 7.7 | 6.8 |
| BANFF | 6.3 | 7.3 | 6.8 |
| CALIBER (J-335) | 7.3 | 6.3 | 6.8 |
| SILVIA | 6.3 | 7.3 | 6.8 |
| BARMAX (BAR VB 7037) | 6.7 | 6.7 | 6.7 |
| EVA (WW AG 508) | 6.7 | 6.7 | 6.7 |
| PENNPRO (PR-1) | 6.7 | 6.7 | 6.7 |
| A-34 | 5.3 | 8.0 | 6.7 |
| ALLURE (BA 73-540) | 6.0 | 7.3 | 6.7 |
| CHELSEA | 6.0 | 7.3 | 6.7 |
| FAIRFAX (BA 69-82) | 6.0 | 7.3 | 6.7 |
| PST-0514 | 8.0 | 5.3 | 6.7 |
| BA 70-131 | 6.3 | 6.7 | 6.5 |
| OPAL | 6.3 | 6.7 | 6.5 |
| GREENLEY | 5.0 | 7.7 | 6.3 |
| PREAKNESS (602) | 6.7 | 6.0 | 6.3 |
| SOUTH DAKOTA CERT. | 5.0 | 7.7 | 6.3 |
| BA 77-292 | 5.3 | 7.3 | 6.3 |
| DONNA | 6.7 | 5.7 | 6.2 |
| RAM-1 | 5.0 | 7.3 | 6.2 |
| COVENTRY | 5.0 | 7.0 | 6.0 |
| MIRACLE | 5.7 | 6.3 | 6.0 |
| WW AG 505 | 6.0 | 6.0 | 6.0 |
| CYNTHIA | 5.0 | 6.7 | 5.8 |
| NE 80-47 | 5.3 | 6.3 | 5.8 |
| JULIA | 5.7 | 5.7 | 5.7 |
| PLATINI | 4.3 | 7.0 | 5.7 |
| KENBLUE | 4.3 | 6.7 | 5.5 |
| RONDE | 5.0 | 5.7 | 5.3 |
| EVB 13.863 | 5.0 | 5.3 | 5.2 |
| LSD VALUE | 1.8 | 1.2 | 1.1 |

1/ RED THREAD RATED AT "OH2" IN 1992 AND AT "KY1" IN 1994.

2/ 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).

TABLE 24. BROWN PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/

| NAME | VA2 | NAME | VA2 |
|-------------------------|-----|------------------------|-----|
| ABBEY | 9.0 | J-333 | 8.0 |
| APEX (SUMMIT) | 9.0 | KWS PP 13-2 | 8.0 |
| BARSWEEP | 9.0 | MIRACLE | 8.0 |
| BLACKSBURG | 9.0 | NASSAU | 8.0 |
| BROADWAY | 9.0 | NOBLESSE | 8.0 |
| CONNI | 9.0 | SILVIA | 8.0 |
| J34-99 | 9.0 | UNIQUE (PST-C-76) | 8.0 |
| MELBA | 9.0 | ALLURE (BA 73-540) | 7.7 |
| PST-HV-116 | 9.0 | BARMAX (BAR VB 7037) | 7.7 |
| WW AG 505 | 9.0 | BARON | 7.7 |
| ALPINE | 8.7 | BARTITIA | 7.7 |
| ASCOT (BA 77-279) | 8.7 | CALIBER (J-335) | 7.7 |
| BAR VB 1169 | 8.7 | DESTINY | 7.7 |
| BARCELONA (BAR VB 1184) | 8.7 | GNOME | 7.7 |
| CANNON (BA 73-381) | 8.7 | GREENLEY | 7.7 |
| CARDIFF | 8.7 | HV 125 | 7.7 |
| CYNTHIA | 8.7 | J-386 | 7.7 |
| LIVINGSTON | 8.7 | JULIA | 7.7 |
| MERIT | 8.7 | NE 80-47 | 7.7 |
| MIRANDA | 8.7 | PENNPRO (PR-1) | 7.7 |
| NUBLUE (J-229) | 8.7 | PST-R-740 | 7.7 |
| RAVEN (BA 78-258) | 8.7 | PST-UD-12 | 7.7 |
| SR 2000 | 8.7 | TRAMPAS | 7.7 |
| ABLE I | 8.3 | TRENTON | 7.7 |
| BA 73-382 | 8.3 | VIVA (BA 73-366) | 7.7 |
| BARZAN | 8.3 | WASHINGTON | 7.7 |
| DONNA | 8.3 | A-34 | 7.3 |
| EAGLETON | 8.3 | BA 76-305 | 7.3 |
| EVA (WW AG 508) | 8.3 | ECLIPSE | 7.3 |
| EVB 13.703 | 8.3 | J11-94 | 7.3 |
| GLADE | 8.3 | MARQUIS | 7.3 |
| INDIGO | 8.3 | MINSTREL | 7.3 |
| J13-152 | 8.3 | PRINCETON 104 | 7.3 |
| MIDNIGHT | 8.3 | PST-C-224 | 7.3 |
| NUSTAR | 8.3 | RONDE | 7.3 |
| OPAL | 8.3 | BARBLUE | 7.0 |
| R751A | 8.3 | BLUE STAR (PST-B8-13) | 7.0 |
| TOUCHDOWN | 8.3 | BUCKINGHAM (BA 74-114) | 7.0 |
| 1757 | 8.0 | CHELSEA | 7.0 |
| ASPEN | 8.0 | CLASSIC | 7.0 |
| BA 77-292 | 8.0 | COBALT | 7.0 |
| BANFF | 8.0 | ESTATE | 7.0 |
| CREST | 8.0 | HAGA | 7.0 |
| DAWN | 8.0 | KELLY | 7.0 |
| FORTUNA | 8.0 | LIBERTY | 7.0 |

TABLE 24. BROWN PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE

| NAME | VA2 |
|-------------------------|-----|
| MERION | 7.0 |
| MONOPOLY | 7.0 |
| PLATINI | 7.0 |
| SHAMROCK (H86-712) | 7.0 |
| SR 2100 | 7.0 |
| BARONIE (BAR VB 985) | 6.7 |
| COVENTRY | 6.7 |
| FREEDOM | 6.7 |
| GEORGETOWN | 6.7 |
| OPTI-GREEN (PST-B8-106) | 6.7 |
| PREAKNESS (602) | 6.7 |
| PST-0514 | 6.7 |
| PST-1DW | 6.7 |
| PST-A84-803 | 6.7 |
| PSU-151 | 6.7 |
| RAM-1 | 6.7 |
| SUFFOLK | 6.7 |
| BELMONT (798) | 6.3 |
| PST-A84-928 | 6.3 |
| RITA (PST-UD-10) | 6.3 |
| SOUTH DAKOTA CERT. | 6.3 |
| 4 ACES (PST-RE-88) | 6.0 |
| CHALLENGER | 6.0 |
| NOTTINGHAM (BA 77-700) | 6.0 |
| PST-A7-341 | 6.0 |
| PST-A84-405 | 6.0 |
| AMPELLIA | 5.7 |
| BA 70-131 | 5.7 |
| EVB 13.863 | 5.7 |
| GINGER | 5.7 |
| PST-A7-1877 | 5.7 |
| BAR VB 852 | 5.3 |
| FAIRFAX (BA 69-82) | 5.3 |
| KENBLUE | 5.3 |
| LIMOUSINE | 4.7 |
| LSD VALUE | 2.4 |

1/ BROWN PATCH RATED IN 1994.

2/ 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).

TABLE 25. SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

SUMMER PATCH RATINGS 1-9; 9=NO DISEASE 2/

| NAME | MD1 | NAME | MD1 |
|------------------------|-----|------------------------|-----|
| 1757 | 8.5 | PST-UD-12 | 7.4 |
| SR 2000 | 8.5 | ABBEEY | 7.3 |
| J-333 | 8.4 | BANFF | 7.3 |
| GEORGETOWN | 8.2 | BAR VB 852 | 7.3 |
| J13-152 | 8.2 | BARMAX (BAR VB 7037) | 7.3 |
| J34-99 | 8.2 | BLACKSBURG | 7.3 |
| BELMONT (798) | 8.0 | GLADE | 7.3 |
| CALIBER (J-335) | 8.0 | HV 125 | 7.3 |
| DAWN | 8.0 | NASSAU | 7.3 |
| SUFFOLK | 8.0 | PST-A84-928 | 7.3 |
| COVENTRY | 7.8 | PST-HV-116 | 7.3 |
| FORTUNA | 7.8 | BARZAN | 7.2 |
| KELLY | 7.8 | PST-0514 | 7.2 |
| UNIQUE (PST-C-76) | 7.8 | BA 70-131 | 7.2 |
| ASPEN | 7.8 | BA 73-382 | 7.2 |
| EVB 13.863 | 7.8 | CANNON (BA 73-381) | 7.2 |
| J11-94 | 7.8 | GNOME | 7.2 |
| RITA (PST-UD-10) | 7.8 | MERION | 7.2 |
| BAR VB 1169 | 7.7 | PRINCETON 104 | 7.2 |
| EAGLETON | 7.7 | PST-R-740 | 7.2 |
| HAGA | 7.7 | TRAMPAS | 7.2 |
| LIVINGSTON | 7.7 | ALLURE (BA 73-540) | 7.0 |
| MONOPOLY | 7.7 | DESTINY | 7.0 |
| NE 80-47 | 7.7 | KWS PP 13-2 | 7.0 |
| NUBLUE (J-229) | 7.7 | MELBA | 7.0 |
| NUSTAR | 7.7 | PST-A7-1877 | 7.0 |
| R751A | 7.7 | PSU-151 | 7.0 |
| COBALT | 7.6 | SILVIA | 7.0 |
| FREEDOM | 7.6 | VIVA (BA 73-366) | 7.0 |
| TRENTON | 7.6 | WASHINGTON | 7.0 |
| ECLIPSE | 7.5 | A-34 | 6.8 |
| INDIGO | 7.5 | ABLE I | 6.8 |
| JULIA | 7.5 | BARON | 6.8 |
| LIBERTY | 7.5 | BUCKINGHAM (BA 74-114) | 6.8 |
| MIDNIGHT | 7.5 | MINSTREL | 6.8 |
| NOTTINGHAM (BA 77-700) | 7.5 | ALPINE | 6.8 |
| PREAKNESS (602) | 7.5 | SOUTH DAKOTA CERT. | 6.8 |
| SR 2100 | 7.5 | ASCOT (BA 77-279) | 6.7 |
| APEX (SUMMIT) | 7.4 | BARSWEET | 6.7 |
| BARBLUE | 7.4 | MARQUIS | 6.7 |
| BARONIE (BAR VB 985) | 7.4 | PST-1DW | 6.7 |
| CLASSIC | 7.4 | PST-A84-803 | 6.7 |
| CYNTHIA | 7.4 | 4 ACES (PST-RE-88) | 6.6 |
| OPAL | 7.4 | BLUE STAR (PST-B8-13) | 6.6 |
| PLATINI | 7.4 | ESTATE | 6.6 |

TABLE 25. SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

SUMMER PATCH RATINGS 1-9; 9=NO DISEASE

| NAME | MD1 |
|-------------------------|-----|
| FAIRFAX (BA 69-82) | 6.6 |
| BA 76-305 | 6.5 |
| BARCELONA (BAR VB 1184) | 6.5 |
| CARDIFF | 6.5 |
| DONNA | 6.5 |
| GINGER | 6.5 |
| MIRANDA | 6.5 |
| NOBLESSE | 6.5 |
| OPTI-GREEN (PST-B8-106) | 6.5 |
| PST-A7-341 | 6.5 |
| RAM-1 | 6.5 |
| RAVEN (BA 78-258) | 6.5 |
| PST-A84-405 | 6.4 |
| AMPELLIA | 6.3 |
| BA 77-292 | 6.3 |
| CREST | 6.3 |
| KENBLUE | 6.3 |
| TOUCHDOWN | 6.3 |
| MERIT | 6.2 |
| EVB 13.703 | 6.2 |
| LIMOUSINE | 6.2 |
| MIRACLE | 6.2 |
| EVA (WW AG 508) | 6.0 |
| GREENLEY | 6.0 |
| J-386 | 6.0 |
| CHELSEA | 5.8 |
| SHAMROCK (H86-712) | 5.6 |
| BARTITIA | 5.5 |
| CONNI | 5.3 |
| RONDE | 5.2 |
| WW AG 505 | 5.2 |
| BROADWAY | 5.0 |
| LSD VALUE | 1.5 |

1/ SUMMER PATCH RATED IN 1993 AND 1994.

2/ 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).

TABLE 26. PYTHIUM BLIGHT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

PYTHIUM BLIGHT RATINGS 1-9; 9=NO DISEASE 2/

| NAME | IL2 | NAME | IL2 |
|----------------------|-----|-------------------------|-----|
| MIDNIGHT | 8.0 | PST-A7-1877 | 5.7 |
| BANFF | 7.0 | 4 ACES (PST-RE-88) | 5.3 |
| OPAL | 7.0 | ASCOT (BA 77-279) | 5.3 |
| PST-R-740 | 7.0 | BA 77-292 | 5.3 |
| RAM-1 | 7.0 | BARSWEET | 5.3 |
| ASPEN | 6.7 | EVB 13.703 | 5.3 |
| BAR VB 852 | 6.7 | EVB 13.863 | 5.3 |
| TOUCHDOWN | 6.7 | KENBLUE | 5.3 |
| 1757 | 6.3 | NOTTINGHAM (BA 77-700) | 5.3 |
| BLACKSBURG | 6.3 | PLATINI | 5.3 |
| CLASSIC | 6.3 | PRINCETON 104 | 5.3 |
| COBALT | 6.3 | PST-A7-341 | 5.3 |
| COVENTRY | 6.3 | PST-A84-803 | 5.3 |
| EAGLETON | 6.3 | PST-HV-116 | 5.3 |
| ESTATE | 6.3 | R751A | 5.3 |
| GEORGETOWN | 6.3 | RAVEN (BA 78-258) | 5.3 |
| HAGA | 6.3 | RITA (PST-UD-10) | 5.3 |
| LIVINGSTON | 6.3 | SUFFOLK | 5.3 |
| NUBLUE (J-229) | 6.3 | A-34 | 5.0 |
| PST-0514 | 6.3 | ABBAY | 5.0 |
| PSU-151 | 6.3 | ALLURE (BA 73-540) | 5.0 |
| SR 2000 | 6.3 | APEX (SUMMIT) | 5.0 |
| ALPINE | 6.0 | BA 76-305 | 5.0 |
| CHALLENGER | 6.0 | BARBLUE | 5.0 |
| CYNTHIA | 6.0 | BLUE STAR (PST-B8-13) | 5.0 |
| DAWN | 6.0 | CARDIFF | 5.0 |
| J11-94 | 6.0 | CONNI | 5.0 |
| NUSTAR | 6.0 | CREST | 5.0 |
| SR 2100 | 6.0 | ECLIPSE | 5.0 |
| TRENTON | 6.0 | GLADE | 5.0 |
| WASHINGTON | 6.0 | LIBERTY | 5.0 |
| ABLE I | 5.7 | LIMOUSINE | 5.0 |
| BARMAX (BAR VB 7037) | 5.7 | MARQUIS | 5.0 |
| BARONIE (BAR VB 985) | 5.7 | NASSAU | 5.0 |
| BARZAN | 5.7 | NE 80-47 | 5.0 |
| FAIRFAX (BA 69-82) | 5.7 | OPTI-GREEN (PST-B8-106) | 5.0 |
| FORTUNA | 5.7 | PST-A84-405 | 5.0 |
| FREEDOM | 5.7 | PST-A84-928 | 5.0 |
| GNOME | 5.7 | SILVIA | 5.0 |
| J-333 | 5.7 | BA 73-382 | 4.7 |
| J13-152 | 5.7 | BAR VB 1169 | 4.7 |
| J34-99 | 5.7 | BARCELONA (BAR VB 1184) | 4.7 |
| JULIA | 5.7 | BARON | 4.7 |
| PENNPRO (PR-1) | 5.7 | BELMONT (798) | 4.7 |
| PST-1DW | 5.7 | DONNA | 4.7 |

TABLE 26. PYTHIUM BLIGHT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

PYTHIUM BLIGHT RATINGS 1-9; 9=NO DISEASE

| NAME | IL2 |
|------------------------|-----|
| J-386 | 4.7 |
| MERION | 4.7 |
| MIRANDA | 4.7 |
| PREAKNESS (602) | 4.7 |
| PST-C-224 | 4.7 |
| PST-UD-12 | 4.7 |
| SHAMROCK (H86-712) | 4.7 |
| UNIQUE (PST-C-76) | 4.7 |
| BA 70-131 | 4.3 |
| BARTITIA | 4.3 |
| CALIBER (J-335) | 4.3 |
| CANNON (BA 73-381) | 4.3 |
| INDIGO | 4.3 |
| KELLY | 4.3 |
| MELBA | 4.3 |
| MERIT | 4.3 |
| TRAMPAS | 4.3 |
| AMPELLIA | 4.0 |
| CHELSEA | 4.0 |
| DESTINY | 4.0 |
| GREENLEY | 4.0 |
| HV 125 | 4.0 |
| KWS PP 13-2 | 4.0 |
| MONOPOLY | 4.0 |
| RONDE | 4.0 |
| SOUTH DAKOTA CERT. | 4.0 |
| VIVA (BA 73-366) | 4.0 |
| BUCKINGHAM (BA 74-114) | 3.7 |
| NOBLESSE | 3.7 |
| EVA (WW AG 508) | 3.3 |
| MINSTREL | 3.3 |
| WW AG 505 | 3.3 |
| MIRACLE | 3.0 |
| BROADWAY | 2.3 |
| GINGER | 2.3 |
| LSD VALUE | 1.9 |

1/ PYTHIUM BLIGHT RATED IN 1991.

2/ 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).

TABLE 27.

STRIPE SMUT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

STRIPE SMUT RATINGS 1-9; 9=NO DISEASE 2/

| NAME | NJ1 | NJ2 | MEAN | NAME | NJ1 | NJ2 | MEAN |
|-------------------------|-----|-----|------|------------------------|-----|-----|------|
| 1757 | 9.0 | 9.0 | 9.0 | PST-A7-1877 | 9.0 | 9.0 | 9.0 |
| A-34 | 9.0 | 9.0 | 9.0 | PST-UD-12 | 9.0 | 9.0 | 9.0 |
| ALPINE | 9.0 | 9.0 | 9.0 | RITA (PST-UD-10) | 9.0 | 9.0 | 9.0 |
| APEX (SUMMIT) | 9.0 | 9.0 | 9.0 | SHAMROCK (H86-712) | 9.0 | 9.0 | 9.0 |
| ASPEN | 9.0 | 9.0 | 9.0 | SILVIA | 9.0 | 9.0 | 9.0 |
| BA 70-131 | 9.0 | 9.0 | 9.0 | SR 2000 | 9.0 | 9.0 | 9.0 |
| BANFF | 9.0 | 9.0 | 9.0 | SUFFOLK | 9.0 | 9.0 | 9.0 |
| BAR VB 1169 | 9.0 | 9.0 | 9.0 | TOUCHDOWN | 9.0 | 9.0 | 9.0 |
| BAR VB 852 | 9.0 | 9.0 | 9.0 | TRENTON | 9.0 | 9.0 | 9.0 |
| BARCELONA (BAR VB 1184) | 9.0 | 9.0 | 9.0 | UNIQUE (PST-C-76) | 9.0 | 9.0 | 9.0 |
| BARONIE (BAR VB 985) | 9.0 | 9.0 | 9.0 | WASHINGTON | 9.0 | 9.0 | 9.0 |
| BARZAN | 9.0 | 9.0 | 9.0 | ABLE I | 8.8 | 9.0 | 8.9 |
| BELMONT (798) | 9.0 | 9.0 | 9.0 | ALLURE (BA 73-540) | 8.8 | 9.0 | 8.9 |
| BLACKSBURG | 9.0 | 9.0 | 9.0 | BARTITIA | 8.8 | 9.0 | 8.9 |
| CALIBER (J-335) | 9.0 | 9.0 | 9.0 | ESTATE | 8.8 | 9.0 | 8.9 |
| CARDIFF | 9.0 | 9.0 | 9.0 | HAGA | 8.8 | 9.0 | 8.9 |
| CLASSIC | 9.0 | 9.0 | 9.0 | PST-A84-405 | 8.8 | 9.0 | 8.9 |
| COBALT | 9.0 | 9.0 | 9.0 | PST-A84-803 | 8.8 | 9.0 | 8.9 |
| CONNI | 9.0 | 9.0 | 9.0 | PST-C-224 | 8.8 | 9.0 | 8.9 |
| DAWN | 9.0 | 9.0 | 9.0 | WW AG 505 | 8.8 | 9.0 | 8.9 |
| DESTINY | 9.0 | 9.0 | 9.0 | NUBLUE (J-229) | 8.8 | 9.0 | 8.9 |
| ECLIPSE | 9.0 | 9.0 | 9.0 | CHELSEA | 8.8 | 9.0 | 8.9 |
| EVA (WW AG 508) | 9.0 | 9.0 | 9.0 | ASCOT (BA 77-279) | 8.7 | 9.0 | 8.8 |
| EVB 13.703 | 9.0 | 9.0 | 9.0 | BARMAX (BAR VB 7037) | 8.7 | 9.0 | 8.8 |
| FREEDOM | 9.0 | 9.0 | 9.0 | BARSWEET | 8.7 | 9.0 | 8.8 |
| GEORGETOWN | 9.0 | 9.0 | 9.0 | BROADWAY | 8.7 | 9.0 | 8.8 |
| GLADE | 9.0 | 9.0 | 9.0 | COVENTRY | 8.7 | 9.0 | 8.8 |
| HV 125 | 9.0 | 9.0 | 9.0 | FAIRFAX (BA 69-82) | 8.7 | 9.0 | 8.8 |
| INDIGO | 9.0 | 9.0 | 9.0 | GINGER | 8.7 | 9.0 | 8.8 |
| J-333 | 9.0 | 9.0 | 9.0 | TRAMPAS | 8.7 | 9.0 | 8.8 |
| J11-94 | 9.0 | 9.0 | 9.0 | MELBA | 8.6 | 9.0 | 8.8 |
| JULIA | 9.0 | 9.0 | 9.0 | EAGLETON | 8.5 | 9.0 | 8.8 |
| LIMOUSINE | 9.0 | 9.0 | 9.0 | RAM-1 | 8.5 | 9.0 | 8.8 |
| LIVINGSTON | 9.0 | 9.0 | 9.0 | MIRACLE | 8.4 | 9.0 | 8.7 |
| MIDNIGHT | 9.0 | 9.0 | 9.0 | CYNTHIA | 8.3 | 9.0 | 8.7 |
| MONOPOLY | 9.0 | 9.0 | 9.0 | MIRANDA | 8.3 | 9.0 | 8.7 |
| NUSTAR | 9.0 | 9.0 | 9.0 | RONDE | 8.3 | 9.0 | 8.6 |
| OPAL | 9.0 | 9.0 | 9.0 | J34-99 | 8.8 | 8.3 | 8.6 |
| OPTI-GREEN (PST-B8-106) | 9.0 | 9.0 | 9.0 | CHALLENGER | 8.2 | 9.0 | 8.6 |
| PENNPRO (PR-1) | 9.0 | 9.0 | 9.0 | J-386 | 8.2 | 9.0 | 8.6 |
| PLATINI | 9.0 | 9.0 | 9.0 | BUCKINGHAM (BA 74-114) | 7.8 | 9.0 | 8.4 |
| PREAKNESS (602) | 9.0 | 9.0 | 9.0 | PSU-151 | 9.0 | 7.3 | 8.2 |
| PRINCETON 104 | 9.0 | 9.0 | 9.0 | BA 77-292 | 6.7 | 9.0 | 7.8 |
| PST-0514 | 9.0 | 9.0 | 9.0 | KWS PP 13-2 | 9.0 | 6.0 | 7.5 |
| PST-1DW | 9.0 | 9.0 | 9.0 | LIBERTY | 8.8 | 6.0 | 7.4 |

TABLE 27. STRIPE SMUT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D)
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

STRIPE SMUT RATINGS 1-9; 9=NO DISEASE

| NAME | NJ1 | NJ2 | MEAN |
|------------------------|-----|-----|------|
| SOUTH DAKOTA CERT. | 5.5 | 9.0 | 7.3 |
| J13-152 | 9.0 | 5.3 | 7.2 |
| MINSTREL | 8.7 | 5.0 | 6.8 |
| NASSAU | 8.5 | 4.7 | 6.6 |
| MERION | 8.5 | 4.3 | 6.4 |
| KENBLUE | 8.0 | 4.7 | 6.3 |
| NE 80-47 | 8.0 | 4.7 | 6.3 |
| BARBLUE | 9.0 | 3.7 | 6.3 |
| NOBLESSE | 9.0 | 3.7 | 6.3 |
| DONNA | 8.0 | 4.0 | 6.0 |
| GREENLEY | 8.0 | 3.7 | 5.8 |
| 4 ACES (PST-RE-88) | 6.7 | 4.7 | 5.7 |
| PST-HV-116 | 6.3 | 5.0 | 5.6 |
| SR 2100 | 8.3 | 2.7 | 5.5 |
| AMPELLIA | 5.3 | 2.7 | 4.0 |
| RAVEN (BA 78-258) | 4.5 | 2.7 | 3.6 |
| EVB 13.863 | 4.0 | 2.7 | 3.3 |
| BA 76-305 | 3.0 | 2.0 | 2.5 |
| ABBAY | 2.8 | 2.0 | 2.4 |
| PST-A84-928 | 3.0 | 1.7 | 2.3 |
| BA 73-382 | 2.8 | 1.0 | 1.9 |
| FORTUNA | 1.8 | 2.0 | 1.9 |
| NOTTINGHAM (BA 77-700) | 2.2 | 1.7 | 1.9 |
| CANNON (BA 73-381) | 2.3 | 1.3 | 1.8 |
| CREST | 2.2 | 1.3 | 1.8 |
| KELLY | 2.2 | 1.3 | 1.8 |
| MARQUIS | 1.8 | 1.7 | 1.8 |
| PST-R-740 | 2.2 | 1.3 | 1.8 |
| R751A | 1.8 | 1.7 | 1.8 |
| VIVA (BA 73-366) | 2.2 | 1.3 | 1.8 |
| BARON | 2.0 | 1.3 | 1.7 |
| MERIT | 1.8 | 1.3 | 1.6 |
| PST-A7-341 | 1.8 | 1.3 | 1.6 |
| BLUE STAR (PST-B8-13) | 1.8 | 1.0 | 1.4 |
| GNOME | 1.8 | 1.0 | 1.4 |
| LSD VALUE | 0.9 | 1.1 | 0.7 |

1/ STRIPE SMUT RATED AT "NJ2" IN 1995 AND AT "NJ1" IN 1994 & 1995.

2/ 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).

TABLE 28. FLOOD RECOVERY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

FLOOD RECOVERY RATINGS 1-9; 9=BEST 2/

| NAME | NE1 | NAME | NE1 |
|-------------------------|-----|------------------------|-----|
| 1757 | 9.0 | J-386 | 8.7 |
| A-34 | 9.0 | J13-152 | 8.7 |
| APEX (SUMMIT) | 9.0 | J34-99 | 8.7 |
| ASPEN | 9.0 | LIVINGSTON | 8.7 |
| BAR VB 1169 | 9.0 | NASSAU | 8.7 |
| BAR VB 852 | 9.0 | NE 80-47 | 8.7 |
| BARONIE (BAR VB 985) | 9.0 | NUSTAR | 8.7 |
| CALIBER (J-335) | 9.0 | PLATINI | 8.7 |
| CHALLENGER | 9.0 | PRINCETON 104 | 8.7 |
| COBALT | 9.0 | PST-A84-405 | 8.7 |
| DAWN | 9.0 | PST-UD-12 | 8.7 |
| ECLIPSE | 9.0 | ASCOT (BA 77-279) | 8.3 |
| FAIRFAX (BA 69-82) | 9.0 | BA 77-292 | 8.3 |
| FREEDOM | 9.0 | BUCKINGHAM (BA 74-114) | 8.3 |
| GLADE | 9.0 | CLASSIC | 8.3 |
| GNOME | 9.0 | CONNI | 8.3 |
| GREENLEY | 9.0 | COVENTRY | 8.3 |
| HAGA | 9.0 | CYNTHIA | 8.3 |
| J-333 | 9.0 | GINGER | 8.3 |
| J11-94 | 9.0 | KELLY | 8.3 |
| JULIA | 9.0 | KENBLUE | 8.3 |
| LIBERTY | 9.0 | MONOPOLY | 8.3 |
| LIMOUSINE | 9.0 | R751A | 8.3 |
| MINSTREL | 9.0 | SILVIA | 8.3 |
| NUBLUE (J-229) | 9.0 | TOUCHDOWN | 8.3 |
| OPAL | 9.0 | VIVA (BA 73-366) | 8.3 |
| OPTI-GREEN (PST-B8-106) | 9.0 | ALPINE | 8.0 |
| PENNERO (PR-1) | 9.0 | BA 70-131 | 8.0 |
| PST-0514 | 9.0 | BELMONT (798) | 8.0 |
| PST-1DW | 9.0 | EVA (WW AG 508) | 8.0 |
| PST-A7-1877 | 9.0 | PREAKNESS (602) | 8.0 |
| PSU-151 | 9.0 | PST-A84-803 | 8.0 |
| RITA (PST-UD-10) | 9.0 | PST-R-740 | 8.0 |
| RONDE | 9.0 | TRAMPAS | 8.0 |
| SOUTH DAKOTA CERT. | 9.0 | ALLURE (BA 73-540) | 7.7 |
| SR 2000 | 9.0 | AMPELLIA | 7.7 |
| SR 2100 | 9.0 | BA 76-305 | 7.7 |
| SUFFOLK | 9.0 | ESTATE | 7.7 |
| TRENTON | 9.0 | INDIGO | 7.7 |
| UNIQUE (PST-C-76) | 9.0 | MIDNIGHT | 7.7 |
| WASHINGTON | 9.0 | MIRANDA | 7.7 |
| 4 ACES (PST-RE-88) | 8.7 | NOTTINGHAM (BA 77-700) | 7.7 |
| BANFF | 8.7 | PST-A7-341 | 7.7 |
| EAGLETON | 8.7 | PST-A84-928 | 7.7 |
| GEORGETOWN | 8.7 | PST-HV-116 | 7.7 |

TABLE 28. FLOOD RECOVERY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 (CONT'D) GROWN UNDER HIGH MAINTENANCE
 1991-1995 DATA

FLOOD RECOVERY RATINGS 1-9; 9=BEST

| NAME | NE1 |
|-------------------------|-----|
| BA 73-382 | 7.3 |
| CANNON (BA 73-381) | 7.3 |
| DESTINY | 7.3 |
| HV 125 | 7.3 |
| RAVEN (BA 78-258) | 7.3 |
| ABLE I | 7.0 |
| BARCELONA (BAR VB 1184) | 7.0 |
| BARMAX (BAR VB 7037) | 7.0 |
| BARSWEET | 7.0 |
| BARTITIA | 7.0 |
| CHELSEA | 7.0 |
| EVB 13.703 | 7.0 |
| SHAMROCK (H86-712) | 7.0 |
| MELBA | 6.7 |
| MIRACLE | 6.7 |
| WW AG 505 | 6.7 |
| ABBAY | 6.3 |
| BARON | 6.3 |
| BARZAN | 6.3 |
| BLACKSBURG | 6.3 |
| BROADWAY | 6.3 |
| EVB 13.863 | 6.3 |
| MARQUIS | 6.3 |
| MERIT | 6.3 |
| PST-C-224 | 6.3 |
| RAM-1 | 6.3 |
| FORTUNA | 6.0 |
| BLUE STAR (PST-B8-13) | 5.7 |
| CREST | 5.7 |
| NOBLESSE | 5.7 |
| CARDIFF | 5.3 |
| KWS PP 13-2 | 5.3 |
| BARBLUE | 4.3 |
| DONNA | 4.0 |
| MERION | 1.0 |
| LSD VALUE | 3.3 |

1/ FLOOD RECOVERY RATED IN 1993.

2/ 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).

TABLE 29. PERCENT LEAF SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
 GROWN UNDER HIGH MAINTENANCE 2/
 1991-1995 DATA

| NAME | KY1 | NAME | KY1 |
|-------------------------|------|------------------------|-----|
| LIMOUSINE | 31.7 | LIBERTY | 7.0 |
| BA 70-131 | 29.3 | NOBLESSE | 7.0 |
| SHAMROCK (H86-712) | 29.0 | TRENTON | 7.0 |
| PLATINI | 22.3 | PST-A7-1877 | 6.7 |
| ESTATE | 21.7 | RONDE | 6.3 |
| BARSWEEP | 20.7 | EVB 13.703 | 6.0 |
| GINGER | 20.0 | PST-UD-12 | 6.0 |
| COVENTRY | 19.0 | TRAMPAS | 6.0 |
| SILVIA | 19.0 | BA 76-305 | 5.3 |
| BAR VB 1169 | 17.3 | BANFF | 4.7 |
| GREENLEY | 16.3 | EVB 13.863 | 4.7 |
| CALIBER (J-335) | 16.0 | J11-94 | 4.7 |
| CYNTHIA | 14.3 | VIVA (BA 73-366) | 4.7 |
| OPTI-GREEN (PST-B8-106) | 14.3 | BUCKINGHAM (BA 74-114) | 4.3 |
| ALLURE (BA 73-540) | 14.0 | CREST | 4.3 |
| R751A | 14.0 | HAGA | 4.3 |
| BARTITIA | 13.7 | KENBLUE | 4.3 |
| MELBA | 13.3 | MERION | 3.7 |
| A-34 | 13.0 | BARZAN | 3.3 |
| RAVEN (BA 78-258) | 12.7 | BLACKSBURG | 3.3 |
| BARONIE (BAR VB 985) | 12.3 | CARDIFF | 3.3 |
| FAIRFAX (BA 69-82) | 12.3 | DONNA | 3.3 |
| SOUTH DAKOTA CERT. | 12.3 | J-333 | 3.3 |
| FREEDOM | 11.7 | NE 80-47 | 3.3 |
| BROADWAY | 11.3 | PENNPRO (PR-1) | 3.3 |
| CHELSEA | 11.3 | PREAKNESS (602) | 3.3 |
| PST-C-224 | 11.0 | TOUCHDOWN | 3.3 |
| PST-R-740 | 11.0 | CONNI | 3.0 |
| BARMAX (BAR VB 7037) | 10.3 | J-386 | 3.0 |
| BARCELONA (BAR VB 1184) | 9.7 | J13-152 | 3.0 |
| BARON | 9.7 | MARQUIS | 3.0 |
| JULIA | 9.7 | NASSAU | 3.0 |
| KWS PP 13-2 | 9.7 | PST-A7-341 | 3.0 |
| PST-HV-116 | 9.7 | PST-A84-803 | 3.0 |
| CLASSIC | 9.3 | AMPELLIA | 2.7 |
| RAM-1 | 9.0 | BELMONT (798) | 2.7 |
| SUFFOLK | 9.0 | GNOME | 2.7 |
| BARBLUE | 8.0 | MONOPOLY | 2.7 |
| BLUE STAR (PST-B8-13) | 7.7 | PST-1DW | 2.3 |
| OPAL | 7.7 | UNIQUE (PST-C-76) | 2.3 |
| BA 77-292 | 7.3 | 1757 | 2.0 |
| GEORGETOWN | 7.3 | 4 ACES (PST-RE-88) | 2.0 |
| J34-99 | 7.3 | ASPEN | 2.0 |
| MERIT | 7.3 | BA 73-382 | 2.0 |
| DAWN | 7.0 | COBALT | 2.0 |

TABLE 29. PERCENT LEAF SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 (CONT'D) GROWN UNDER HIGH MAINTENANCE
 1991-1995 DATA

| NAME | KY1 |
|------------------------|------|
| EVA (WW AG 508) | 2.0 |
| NUBLUE (J-229) | 2.0 |
| ABBEY | 1.7 |
| MIRACLE | 1.7 |
| CHALLENGER | 1.3 |
| ECLIPSE | 1.3 |
| MINSTREL | 1.3 |
| NUSTAR | 1.3 |
| PST-A84-405 | 1.3 |
| PSU-151 | 1.3 |
| SR 2000 | 1.3 |
| ABLE I | 1.0 |
| APEX (SUMMIT) | 1.0 |
| BAR VB 852 | 1.0 |
| DESTINY | 1.0 |
| FORTUNA | 1.0 |
| KELLY | 1.0 |
| LIVINGSTON | 1.0 |
| MIRANDA | 1.0 |
| NOTTINGHAM (BA 77-700) | 1.0 |
| PRINCETON 104 | 1.0 |
| PST-0514 | 1.0 |
| PST-A84-928 | 1.0 |
| WASHINGTON | 1.0 |
| ALPINE | 0.7 |
| ASCOT (BA 77-279) | 0.7 |
| CANNON (BA 73-381) | 0.7 |
| GLADE | 0.7 |
| HV 125 | 0.7 |
| RITA (PST-UD-10) | 0.7 |
| WW AG 505 | 0.7 |
| INDIGO | 0.3 |
| SR 2100 | 0.3 |
| EAGLETON | 0.0 |
| MIDNIGHT | 0.0 |
| LSD VALUE | 12.1 |

1/ PERCENT LEAF SPOT RATED IN 1995.

2/ 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).

TABLE 30. PERCENT LEAF DISEASE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
 GROWN UNDER HIGH MAINTENANCE 2/
 1991-1995 DATA

| NAME | KY1 | NAME | KY1 |
|-------------------------|------|--------------------|------|
| LIMOUSINE | 71.7 | MIRACLE | 11.7 |
| BARSWEEP | 56.7 | BA 77-292 | 11.3 |
| PLATINI | 53.3 | J11-94 | 11.3 |
| GINGER | 45.0 | KWS PP 13-2 | 11.3 |
| BA 70-131 | 40.7 | TRENTON | 11.0 |
| ESTATE | 40.7 | SOUTH DAKOTA CERT. | 10.3 |
| SILVIA | 37.0 | BARBLUE | 9.7 |
| NE 80-47 | 36.0 | DONNA | 9.7 |
| BROADWAY | 35.7 | PST-A84-803 | 9.7 |
| OPAL | 31.7 | NASSAU | 9.3 |
| CHELSEA | 30.0 | SUFFOLK | 9.0 |
| COVENTRY | 30.0 | MERION | 8.7 |
| CYNTHIA | 29.3 | BLACKSBURG | 8.3 |
| BAR VB 1169 | 28.3 | PENNPRO (PR-1) | 8.3 |
| CALIBER (J-335) | 27.0 | LIBERTY | 8.0 |
| OPTI-GREEN (PST-B8-106) | 26.3 | VIVA (BA 73-366) | 8.0 |
| PST-HV-116 | 25.7 | EVV 13.863 | 7.7 |
| MELBA | 25.0 | RONDE | 7.7 |
| SHAMROCK (H86-712) | 23.0 | 4 ACES (PST-RE-88) | 7.3 |
| BARMAX (BAR VB 7037) | 22.7 | J34-99 | 7.3 |
| RAVEN (BA 78-258) | 21.7 | BANFF | 7.0 |
| A-34 | 20.0 | CHALLENGER | 7.0 |
| BARCELONA (BAR VB 1184) | 20.0 | DESTINY | 7.0 |
| BARON | 19.0 | MIRANDA | 7.0 |
| GREENLEY | 18.3 | PREAKNESS (602) | 7.0 |
| CLASSIC | 17.7 | 1757 | 6.7 |
| PST-R-740 | 17.3 | AMPELLIA | 6.7 |
| RAM-1 | 17.3 | CONNI | 6.7 |
| PST-C-224 | 15.7 | EVA (WW AG 508) | 6.3 |
| BLUE STAR (PST-B8-13) | 15.3 | APEX (SUMMIT) | 6.0 |
| FAIRFAX (BA 69-82) | 15.3 | ASCOT (BA 77-279) | 6.0 |
| BARTITIA | 15.0 | BELMONT (798) | 6.0 |
| FREEDOM | 15.0 | J13-152 | 6.0 |
| TRAMPAS | 14.7 | TOUCHDOWN | 6.0 |
| JULIA | 14.3 | CREST | 5.7 |
| ALLURE (BA 73-540) | 13.3 | PST-1DW | 5.7 |
| PST-A7-1877 | 13.0 | PST-0514 | 5.3 |
| NOBLESSE | 12.7 | BAR VB 852 | 5.0 |
| R751A | 12.7 | GNOME | 5.0 |
| EVV 13.703 | 12.3 | J-386 | 5.0 |
| J-333 | 12.3 | MERIT | 5.0 |
| PST-UD-12 | 12.3 | WASHINGTON | 5.0 |
| BARONIE (BAR VB 985) | 11.7 | ABLE I | 4.7 |
| DAWN | 11.7 | BARZAN | 4.7 |
| GEORGETOWN | 11.7 | PSU-151 | 4.7 |

TABLE 30. PERCENT LEAF DISEASE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 (CONT'D) GROWN UNDER HIGH MAINTENANCE
 1991-1995 DATA

| NAME | KY1 |
|------------------------|------|
| WW AG 505 | 4.7 |
| BA 76-305 | 4.3 |
| BUCKINGHAM (BA 74-114) | 4.3 |
| ALPINE | 4.0 |
| HV 125 | 4.0 |
| NUSTAR | 4.0 |
| RITA (PST-UD-10) | 4.0 |
| HAGA | 3.7 |
| MONOPOLY | 3.7 |
| PRINCETON 104 | 3.7 |
| BA 73-382 | 3.3 |
| COBALT | 3.3 |
| PST-A84-405 | 3.3 |
| PST-A84-928 | 3.3 |
| SR 2000 | 3.3 |
| ASPEN | 3.0 |
| CARDIFF | 3.0 |
| ECLIPSE | 3.0 |
| PST-A7-341 | 3.0 |
| ABBEY | 2.3 |
| LIVINGSTON | 2.3 |
| KELLY | 2.0 |
| NUBLUE (J-229) | 2.0 |
| SR 2100 | 2.0 |
| KENBLUE | 1.7 |
| UNIQUE (PST-C-76) | 1.7 |
| MARQUIS | 1.3 |
| NOTTINGHAM (BA 77-700) | 1.3 |
| CANNON (BA 73-381) | 1.0 |
| FORTUNA | 1.0 |
| GLADE | 1.0 |
| MIDNIGHT | 1.0 |
| MINSTREL | 1.0 |
| EAGLETON | 0.7 |
| INDIGO | 0.0 |
| LSD VALUE | 19.6 |

1/ PERCENT LEAF DISEASE RATED IN 1995.

2/ 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).

TABLE 31. PERCENT PATCH DISEASE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
 GROWN UNDER HIGH MAINTENANCE 2/
 1991-1995 DATA

| NAME | KY1 | NAME | KY1 |
|-------------------------|------|----------------------|------|
| LIMOUSINE | 82.3 | PST-A84-803 | 15.0 |
| ESTATE | 61.7 | LIBERTY | 14.7 |
| BARSWEET | 56.7 | ALLURE (BA 73-540) | 14.3 |
| PLATINI | 56.7 | EVB 13.703 | 14.0 |
| BROADWAY | 55.0 | BLACKSBURG | 13.3 |
| COVENTRY | 53.3 | BARONIE (BAR VB 985) | 13.0 |
| GREENLEY | 51.7 | DAWN | 13.0 |
| SILVIA | 50.7 | 1757 | 12.0 |
| GINGER | 46.7 | BA 77-292 | 12.0 |
| BARCELONA (BAR VB 1184) | 43.3 | BARBLUE | 12.0 |
| NE 80-47 | 40.0 | A-34 | 11.7 |
| BA 70-131 | 39.0 | SOUTH DAKOTA CERT. | 11.7 |
| OPAL | 37.0 | SUFFOLK | 10.3 |
| CALIBER (J-335) | 36.0 | KWS PP 13-2 | 10.0 |
| PST-C-224 | 35.3 | PST-1DW | 9.7 |
| OPTI-GREEN (PST-B8-106) | 35.0 | PENNPOR (PR-1) | 9.3 |
| MELBA | 33.3 | EVB 13.863 | 9.0 |
| BARON | 32.7 | PST-A84-928 | 9.0 |
| CHELSEA | 32.3 | WW AG 505 | 9.0 |
| RAVEN (BA 78-258) | 32.0 | ASCOT (BA 77-279) | 8.7 |
| J-333 | 31.3 | CONNI | 8.7 |
| BAR VB 1169 | 30.0 | PREAKNESS (602) | 8.7 |
| PST-HV-116 | 30.0 | RONDE | 8.7 |
| PST-UD-12 | 27.3 | TOUCHDOWN | 8.7 |
| CYNTHIA | 26.0 | CHALLENGER | 8.3 |
| SHAMROCK (H86-712) | 25.7 | CREST | 8.3 |
| TRAMPAS | 25.3 | APEX (SUMMIT) | 8.0 |
| DONNA | 23.0 | GNOME | 7.7 |
| RAM-1 | 22.7 | PST-0514 | 7.7 |
| PST-R-740 | 21.7 | 4 ACES (PST-RE-88) | 7.3 |
| BARMAX (BAR VB 7037) | 20.0 | BELMONT (798) | 7.3 |
| FREEDOM | 20.0 | DESTINY | 7.3 |
| BLUE STAR (PST-B8-13) | 18.7 | GEORGETOWN | 7.3 |
| EVA (WW AG 508) | 18.3 | J34-99 | 7.3 |
| PST-A7-1877 | 18.3 | TRENTON | 7.3 |
| FAIRFAX (BA 69-82) | 18.0 | AMPELLIA | 7.0 |
| MIRACLE | 18.0 | MIRANDA | 7.0 |
| BARTITIA | 17.7 | VIVA (BA 73-366) | 7.0 |
| J11-94 | 17.3 | NASSAU | 6.7 |
| BANFF | 17.0 | ABLE I | 6.0 |
| MERION | 17.0 | ALPINE | 6.0 |
| CLASSIC | 16.3 | PST-A7-341 | 5.7 |
| JULIA | 16.3 | BA 76-305 | 5.3 |
| NOBLESSE | 16.3 | BA 73-382 | 5.0 |
| R751A | 15.3 | HV 125 | 5.0 |

TABLE 31. PERCENT PATCH DISEASE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 (CONT'D) GROWN UNDER HIGH MAINTENANCE
 1991-1995 DATA

| NAME | KY1 |
|------------------------|------|
| J13-152 | 5.0 |
| PRINCETON 104 | 5.0 |
| WASHINGTON | 4.7 |
| BARZAN | 4.3 |
| ECLIPSE | 4.3 |
| J-386 | 4.3 |
| KENBLUE | 4.3 |
| NUSTAR | 4.3 |
| SR 2100 | 4.3 |
| BUCKINGHAM (BA 74-114) | 4.0 |
| GLADE | 4.0 |
| NUBLUE (J-229) | 4.0 |
| BAR VB 852 | 3.7 |
| COBALT | 3.7 |
| MERIT | 3.3 |
| MINSTREL | 3.3 |
| MONOPOLY | 3.0 |
| CARDIFF | 2.7 |
| MARQUIS | 2.7 |
| PSU-151 | 2.7 |
| SR 2000 | 2.7 |
| ASPEN | 2.3 |
| CANNON (BA 73-381) | 2.3 |
| FORTUNA | 2.3 |
| HAGA | 2.3 |
| RITA (PST-UD-10) | 2.3 |
| UNIQUE (PST-C-76) | 2.3 |
| KELLY | 2.0 |
| LIVINGSTON | 1.7 |
| MIDNIGHT | 1.7 |
| NOTTINGHAM (BA 77-700) | 1.7 |
| PST-A84-405 | 1.3 |
| ABBAY | 1.0 |
| INDIGO | 1.0 |
| EAGLETON | 0.7 |
| LSD VALUE | 25.5 |

1/ PERCENT LEAF DISEASE RATED IN 1995.

2/ 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).

TABLE 32. LEAF RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

LEAF RUST RATINGS 1-9; 9=NO DISEASE 2/

| NAME | RI1 | NAME | RI1 |
|-------------------------|-----|--------------------|-----|
| CLASSIC | 8.7 | MIRACLE | 6.7 |
| ALPINE | 8.3 | NE 80-47 | 6.7 |
| BARON | 8.3 | PST-A7-341 | 6.7 |
| PST-C-224 | 8.3 | PST-A84-405 | 6.7 |
| NOBLESSE | 8.0 | PST-UD-12 | 6.7 |
| NOTTINGHAM (BA 77-700) | 8.0 | RAM-1 | 6.7 |
| OPTI-GREEN (PST-B8-106) | 8.0 | SHAMROCK (H86-712) | 6.7 |
| PST-A84-928 | 8.0 | SOUTH DAKOTA CERT. | 6.7 |
| BEIMONT (798) | 7.7 | SR 2000 | 6.7 |
| BLUE STAR (PST-B8-13) | 7.7 | ABBEEY | 6.3 |
| FORTUNA | 7.7 | BARBLUE | 6.3 |
| GEORGETOWN | 7.7 | BARSWHEET | 6.3 |
| MINSTREL | 7.7 | BARTITIA | 6.3 |
| PST-A84-803 | 7.7 | CANNON (BA 73-381) | 6.3 |
| RITA (PST-UD-10) | 7.7 | CREST | 6.3 |
| UNIQUE (PST-C-76) | 7.7 | DAWN | 6.3 |
| BA 70-131 | 7.3 | ESTATE | 6.3 |
| BARONIE (BAR VB 985) | 7.3 | FREEDOM | 6.3 |
| EAGLETON | 7.3 | HV 125 | 6.3 |
| EVA (WW AG 508) | 7.3 | J13-152 | 6.3 |
| LIBERTY | 7.3 | MARQUIS | 6.3 |
| PREAKNESS (602) | 7.3 | SILVIA | 6.3 |
| PST-A7-1877 | 7.3 | A-34 | 6.0 |
| PST-R-740 | 7.3 | ALLURE (BA 73-540) | 6.0 |
| R751A | 7.3 | AMPELLIA | 6.0 |
| RAVEN (BA 78-258) | 7.3 | ASCOT (BA 77-279) | 6.0 |
| TRENTON | 7.3 | BAR VB 852 | 6.0 |
| WASHINGTON | 7.3 | BROADWAY | 6.0 |
| 1757 | 7.0 | EVB 13.863 | 6.0 |
| ABLE I | 7.0 | FAIRFAX (BA 69-82) | 6.0 |
| ASPEN | 7.0 | J11-94 | 6.0 |
| BANFF | 7.0 | J34-99 | 6.0 |
| COVENTRY | 7.0 | MERIT | 6.0 |
| GLADE | 7.0 | MIDNIGHT | 6.0 |
| HAGA | 7.0 | NUBLUE (J-229) | 6.0 |
| NASSAU | 7.0 | PST-0514 | 6.0 |
| SUFFOLK | 7.0 | PST-HV-116 | 6.0 |
| TRAMPAS | 7.0 | WW AG 505 | 6.0 |
| BA 73-382 | 6.7 | CARDIFF | 5.7 |
| BARZAN | 6.7 | CHALLENGER | 5.7 |
| BUCKINGHAM (BA 74-114) | 6.7 | COBALT | 5.7 |
| CONNI | 6.7 | ECLIPSE | 5.7 |
| DESTINY | 6.7 | EVB 13.703 | 5.7 |
| GNOOME | 6.7 | NUSTAR | 5.7 |
| KENBLUE | 6.7 | PST-1DW | 5.7 |

TABLE 32. LEAF RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

LEAF RUST RATINGS 1-9; 9=NO DISEASE

| NAME | RI1 |
|-------------------------|-----|
| VIVA (BA 73-366) | 5.7 |
| BA 76-305 | 5.3 |
| J-333 | 5.3 |
| LIMOUSINE | 5.3 |
| LIVINGSTON | 5.3 |
| MONOPOLY | 5.3 |
| BAR VB 1169 | 5.0 |
| BARMAX (BAR VB 7037) | 5.0 |
| GREENLEY | 5.0 |
| INDIGO | 5.0 |
| KELLY | 5.0 |
| MIRANDA | 5.0 |
| PSU-151 | 5.0 |
| BARCELONA (BAR VB 1184) | 4.7 |
| CYNTHIA | 4.7 |
| KWS PP 13-2 | 4.7 |
| 4 ACES (PST-RE-88) | 4.3 |
| CALIBER (J-335) | 4.3 |
| PLATINI | 4.3 |
| GINGER | 4.0 |
| RONDE | 4.0 |
| BA 77-292 | 3.7 |
| BLACKSBURG | 3.7 |
| CHELSEA | 3.7 |
| J-386 | 3.7 |
| JULIA | 3.7 |
| MELBA | 3.7 |
| PENNNPRO (PR-1) | 3.7 |
| PRINCETON 104 | 3.7 |
| SR 2100 | 3.7 |
| TOUCHDOWN | 3.7 |
| APEX (SUMMIT) | 3.3 |
| DONNA | 3.0 |
| OPAL | 3.0 |
| MERION | 2.3 |
| LSD VALUE | 2.4 |

1/ LEAF RUST RATED IN 1991.

2/ 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).

TABLE 33. DISEASE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

DISEASE RATINGS 1-9; 9=NO DISEASE 2/

| NAME | IL1 | NAME | IL1 |
|------------------------|-----|-----------------------|-----|
| EAGLETON | 7.7 | BAR VB 1169 | 4.3 |
| BAR VB 852 | 6.7 | BARON | 4.3 |
| ECLIPSE | 6.7 | BARTITIA | 4.3 |
| MONOPOLY | 6.7 | CANNON (BA 73-381) | 4.3 |
| PST-1DW | 6.7 | EVB 13.863 | 4.3 |
| APEX (SUMMIT) | 6.0 | PLATINI | 4.3 |
| FORTUNA | 6.0 | PST-A84-405 | 4.3 |
| SR 2000 | 6.0 | PST-UD-12 | 4.3 |
| WW AG 505 | 6.0 | BA 73-382 | 4.0 |
| ALLURE (BA 73-540) | 5.7 | BA 77-292 | 4.0 |
| BLACKSBURG | 5.7 | BARZAN | 4.0 |
| CYNTHIA | 5.7 | BROADWAY | 4.0 |
| LIMOUSINE | 5.7 | CHALLENGER | 4.0 |
| OPAL | 5.7 | PST-HV-116 | 4.0 |
| 4 ACES (PST-RE-88) | 5.3 | RAVEN (BA 78-258) | 4.0 |
| J-386 | 5.3 | SUFFOLK | 4.0 |
| LIVINGSTON | 5.3 | A-34 | 3.7 |
| PST-C-224 | 5.3 | ABLE I | 3.7 |
| WASHINGTON | 5.3 | BARBLUE | 3.7 |
| ALPINE | 5.0 | BARMAX (BAR VB 7037) | 3.7 |
| CALIBER (J-335) | 5.0 | BELMONT (798) | 3.7 |
| CARDIFF | 5.0 | BLUE STAR (PST-B8-13) | 3.7 |
| EVA (WW AG 508) | 5.0 | GLADE | 3.7 |
| EVB 13.703 | 5.0 | HV 125 | 3.7 |
| J-333 | 5.0 | KELLY | 3.7 |
| MELBA | 5.0 | KENBLUE | 3.7 |
| MERIT | 5.0 | MERION | 3.7 |
| MIDNIGHT | 5.0 | NE 80-47 | 3.7 |
| NOTTINGHAM (BA 77-700) | 5.0 | PST-0514 | 3.7 |
| PRINCETON 104 | 5.0 | PST-A7-1877 | 3.7 |
| SHAMROCK (H86-712) | 5.0 | PST-A7-341 | 3.7 |
| BA 76-305 | 4.7 | PST-A84-928 | 3.7 |
| COVENTRY | 4.7 | UNIQUE (PST-C-76) | 3.7 |
| ESTATE | 4.7 | VIVA (BA 73-366) | 3.7 |
| JULIA | 4.7 | ASPEN | 3.3 |
| MARQUIS | 4.7 | BANFF | 3.3 |
| MINSTREL | 4.7 | BARONIE (BAR VB 985) | 3.3 |
| NUSTAR | 4.7 | CLASSIC | 3.3 |
| PREAKNESS (602) | 4.7 | CONNI | 3.3 |
| PSU-151 | 4.7 | CREST | 3.3 |
| RITA (PST-UD-10) | 4.7 | DESTINY | 3.3 |
| 1757 | 4.3 | FAIRFAX (BA 69-82) | 3.3 |
| AMPELLIA | 4.3 | FREEDOM | 3.3 |
| ASCOT (BA 77-279) | 4.3 | GNOME | 3.3 |
| BA 70-131 | 4.3 | J13-152 | 3.3 |

TABLE 33. DISEASE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

DISEASE RATINGS 1-9; 9=NO DISEASE

| NAME | IL1 |
|-------------------------|-----|
| MIRACLE | 3.3 |
| NOBLESSE | 3.3 |
| OPTI-GREEN (PST-B8-106) | 3.3 |
| RONDE | 3.3 |
| SOUTH DAKOTA CERT. | 3.3 |
| BARSWEET | 3.0 |
| BUCKINGHAM (BA 74-114) | 3.0 |
| DAWN | 3.0 |
| DONNA | 3.0 |
| GINGER | 3.0 |
| GREENLEY | 3.0 |
| HAGA | 3.0 |
| INDIGO | 3.0 |
| J34-99 | 3.0 |
| KWS PP 13-2 | 3.0 |
| LIBERTY | 3.0 |
| NUBLUE (J-229) | 3.0 |
| PST-A84-803 | 3.0 |
| RAM-1 | 3.0 |
| TOUCHDOWN | 3.0 |
| ABBAY | 2.7 |
| BARCELONA (BAR VB 1184) | 2.7 |
| CHELSEA | 2.7 |
| COBALT | 2.7 |
| GEORGETOWN | 2.7 |
| J11-94 | 2.7 |
| PST-R-740 | 2.7 |
| SILVIA | 2.7 |
| SR 2100 | 2.7 |
| MIRANDA | 2.3 |
| NASSAU | 2.3 |
| TRAMPAS | 2.3 |
| PENNPRO (PR-1) | 2.0 |
| R751A | 2.0 |
| TRENTON | 1.7 |
| LSD VALUE | 2.3 |

1/ DISEASE RATED IN 1994.

2/ 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).

TABLE 34. STRIPE RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

STRIPE RUST RATINGS 1-9; 9=NO DISEASE 2/

| NAME | OR9 | NAME | OR9 |
|-------------------------|-----|-------------------------|-----|
| BARONIE (BAR VB 985) | 7.3 | BROADWAY | 5.3 |
| BARTITIA | 6.7 | CALIBER (J-335) | 5.3 |
| SUFFOLK | 6.7 | CARDIFF | 5.3 |
| ALPINE | 6.3 | CHALLENGER | 5.3 |
| CLASSIC | 6.3 | DAWN | 5.3 |
| GEORGETOWN | 6.3 | KWS PP 13-2 | 5.3 |
| HAGA | 6.3 | LIBERTY | 5.3 |
| MIRACLE | 6.3 | MARQUIS | 5.3 |
| PST-1DW | 6.3 | MONOPOLY | 5.3 |
| WASHINGTON | 6.3 | NASSAU | 5.3 |
| ABLE I | 6.0 | OPTI-GREEN (PST-B8-106) | 5.3 |
| APEX (SUMMIT) | 6.0 | PREAKNESS (602) | 5.3 |
| ASCOT (BA 77-279) | 6.0 | PST-A84-803 | 5.3 |
| BANFF | 6.0 | PST-UD-12 | 5.3 |
| BARON | 6.0 | 1757 | 5.0 |
| ECLIPSE | 6.0 | A-34 | 5.0 |
| J11-94 | 6.0 | BA 70-131 | 5.0 |
| J34-99 | 6.0 | BELMONT (798) | 5.0 |
| PST-0514 | 6.0 | BLACKSBURG | 5.0 |
| RAM-1 | 6.0 | COBALT | 5.0 |
| UNIQUE (PST-C-76) | 6.0 | COVENTRY | 5.0 |
| BARZAN | 5.7 | EVV 13.703 | 5.0 |
| BLUE STAR (PST-B8-13) | 5.7 | EVV 13.863 | 5.0 |
| BUCKINGHAM (BA 74-114) | 5.7 | FORTUNA | 5.0 |
| CHELSEA | 5.7 | HV 125 | 5.0 |
| CONNI | 5.7 | J-333 | 5.0 |
| CREST | 5.7 | KELLY | 5.0 |
| ESTATE | 5.7 | MERIT | 5.0 |
| EVA (WW AG 508) | 5.7 | MINSTREL | 5.0 |
| FAIRFAX (BA 69-82) | 5.7 | NOTTINGHAM (BA 77-700) | 5.0 |
| FREEDOM | 5.7 | PLATINI | 5.0 |
| INDIGO | 5.7 | PST-A84-405 | 5.0 |
| J13-152 | 5.7 | PSU-151 | 5.0 |
| JULIA | 5.7 | TRAMPAS | 5.0 |
| LIMOUSINE | 5.7 | VIVA (BA 73-366) | 5.0 |
| MEIBA | 5.7 | AMPELLIA | 4.7 |
| PST-A7-341 | 5.7 | BA 73-382 | 4.7 |
| PST-C-224 | 5.7 | BA 76-305 | 4.7 |
| PST-HV-116 | 5.7 | BAR VB 1169 | 4.7 |
| PST-R-740 | 5.7 | BARSWEET | 4.7 |
| R751A | 5.7 | CANNON (BA 73-381) | 4.7 |
| TRENTON | 5.7 | DESTINY | 4.7 |
| WW AG 505 | 5.7 | GNOME | 4.7 |
| BARBLUE | 5.3 | MIDNIGHT | 4.7 |
| BARCELONA (BAR VB 1184) | 5.3 | NE 80-47 | 4.7 |

TABLE 34. STRIPE RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

STRIPE RUST RATINGS 1-9; 9=NO DISEASE

| NAME | OR9 |
|----------------------|-----|
| NUSTAR | 4.7 |
| PST-A84-928 | 4.7 |
| RAVEN (BA 78-258) | 4.7 |
| RITA (PST-UD-10) | 4.7 |
| SILVIA | 4.7 |
| 4 ACES (PST-RE-88) | 4.3 |
| ABBEY | 4.3 |
| ALLURE (BA 73-540) | 4.3 |
| MIRANDA | 4.3 |
| NUBLUE (J-229) | 4.3 |
| PST-A7-1877 | 4.3 |
| SR 2100 | 4.3 |
| BA 77-292 | 4.0 |
| LIVINGSTON | 4.0 |
| NOBLESSE | 4.0 |
| PRINCETON 104 | 4.0 |
| SHAMROCK (H86-712) | 4.0 |
| SOUTH DAKOTA CERT. | 4.0 |
| SR 2000 | 4.0 |
| ASPEN | 3.7 |
| EAGLETON | 3.7 |
| GREENLEY | 3.7 |
| J-386 | 3.7 |
| MERION | 3.7 |
| OPAL | 3.7 |
| BARMAX (BAR VB 7037) | 3.3 |
| KENBLUE | 3.3 |
| BAR VB 852 | 3.0 |
| DONNA | 3.0 |
| GLADE | 3.0 |
| PENNPRO (PR-1) | 3.0 |
| RONDE | 3.0 |
| TOUCHDOWN | 3.0 |
| CYNTHIA | 2.7 |
| GINGER | 2.0 |
| LSD VALUE | 1.2 |

1/ STRIPE RUST RATED IN 1991.

2/ 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).

TABLE 35. POA ANNUA RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

| NAME | POA ANNUA RATINGS 1-9; 9=NO POA ANNUA 2/ | | | |
|--------------------|--|-----|-----|------|
| | ID2 | OH2 | OR9 | MEAN |
| EVA (WW AG 508) | 8.3 | 5.0 | 7.0 | 6.8 |
| J-333 | 6.7 | 5.0 | 8.3 | 6.7 |
| PENNPRO (PR-1) | 7.7 | 4.3 | 7.7 | 6.6 |
| PLATINI | 4.0 | 6.3 | 8.7 | 6.3 |
| PST-1DW | 9.0 | 4.3 | 5.7 | 6.3 |
| FAIRFAX (BA 69-82) | 7.7 | 3.7 | 7.3 | 6.2 |
| PSU-151 | 6.3 | 4.7 | 7.7 | 6.2 |
| APEX (SUMMIT) | 9.0 | 2.7 | 6.7 | 6.1 |
| LIVINGSTON | 5.7 | 4.3 | 8.0 | 6.0 |
| BA 70-131 | 7.7 | 4.3 | 5.7 | 5.9 |
| PST-0514 | 7.0 | 3.0 | 7.7 | 5.9 |
| TOUCHDOWN | 6.7 | 3.7 | 7.3 | 5.9 |
| HAGA | 4.3 | 4.7 | 8.7 | 5.9 |
| MELBA | 8.0 | 2.7 | 7.0 | 5.9 |
| BAR VB 852 | 3.7 | 5.7 | 8.0 | 5.8 |
| MIRACLE | 7.0 | 4.7 | 5.7 | 5.8 |
| NUBLUE (J-229) | 7.0 | 4.7 | 5.7 | 5.8 |
| PRINCETON 104 | 7.0 | 3.3 | 7.0 | 5.8 |
| CYNTHIA | 5.0 | 4.3 | 8.0 | 5.8 |
| LIBERTY | 5.3 | 4.3 | 7.7 | 5.8 |
| 1757 | 5.0 | 5.0 | 7.0 | 5.7 |
| ALLURE (BA 73-540) | 6.3 | 3.3 | 7.3 | 5.7 |
| BANFF | 3.7 | 4.7 | 8.7 | 5.7 |
| BAR VB 1169 | 5.7 | 3.0 | 8.3 | 5.7 |
| JULIA | 6.7 | 2.3 | 8.0 | 5.7 |
| WASHINGTON | 5.3 | 5.0 | 6.7 | 5.7 |
| BARZAN | 6.7 | 3.0 | 7.0 | 5.6 |
| FREEDOM | 3.7 | 4.7 | 8.3 | 5.6 |
| GLADE | 6.3 | 3.7 | 6.7 | 5.6 |
| J-386 | 6.0 | 3.3 | 7.3 | 5.6 |
| SUFFOLK | 3.7 | 4.7 | 8.3 | 5.6 |
| ESTATE | 6.3 | 4.0 | 6.3 | 5.6 |
| CLASSIC | 3.3 | 4.7 | 8.3 | 5.4 |
| J13-152 | 4.7 | 4.0 | 7.7 | 5.4 |
| MONOPOLY | 3.3 | 5.0 | 8.0 | 5.4 |
| RAM-1 | 5.0 | 3.0 | 8.3 | 5.4 |
| BARTITIA | 5.3 | 4.0 | 7.0 | 5.4 |
| J11-94 | 5.0 | 4.0 | 7.3 | 5.4 |
| SR 2000 | 6.0 | 3.7 | 6.7 | 5.4 |
| TRENTON | 4.3 | 4.0 | 8.0 | 5.4 |
| 4 ACES (PST-RE-88) | 5.0 | 4.0 | 7.0 | 5.3 |
| CALIBER (J-335) | 5.0 | 3.7 | 7.3 | 5.3 |
| CHALLENGER | 4.0 | 4.3 | 7.7 | 5.3 |
| CONNI | 7.7 | 3.0 | 5.3 | 5.3 |
| HV 125 | 5.3 | 3.7 | 7.0 | 5.3 |

POA ANNUA RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

| NAME | POA ANNUA RATINGS 1-9; 9=NO POA ANNUA | | | |
|-------------------------|---------------------------------------|-----|-----|------|
| | ID2 | OH2 | OR9 | MEAN |
| MIRANDA | 7.3 | 2.7 | 6.0 | 5.3 |
| PST-A7-1877 | 6.3 | 4.3 | 5.3 | 5.3 |
| EST-UD-12 | 3.3 | 4.3 | 8.3 | 5.3 |
| DAWN | 4.0 | 3.7 | 8.0 | 5.2 |
| EST-A7-341 | 6.0 | 3.0 | 6.7 | 5.2 |
| R751A | 5.3 | 4.3 | 6.0 | 5.2 |
| WW AG 505 | 7.7 | 2.7 | 5.3 | 5.2 |
| MIDNIGHT | 6.3 | 3.0 | 6.3 | 5.2 |
| EAGLETON | 2.7 | 4.3 | 8.3 | 5.1 |
| OPAL | 4.0 | 4.0 | 7.3 | 5.1 |
| OPTI-GREEN (PST-B8-106) | 6.3 | 3.3 | 5.7 | 5.1 |
| BREAKNESS (602) | 4.7 | 3.3 | 7.3 | 5.1 |
| RAVEN (BA 78-258) | 5.0 | 2.7 | 7.7 | 5.1 |
| ASPEN | 5.3 | 3.3 | 6.3 | 5.0 |
| BARCELONA (BAR VB 1184) | 6.0 | 3.7 | 5.3 | 5.0 |
| DONNA | 2.3 | 5.0 | 7.7 | 5.0 |
| MINSTREL | 4.3 | 5.3 | 5.3 | 5.0 |
| NASSAU | 4.7 | 2.7 | 7.7 | 5.0 |
| RITA (PST-UD-10) | 4.7 | 2.7 | 7.7 | 5.0 |
| SILVIA | 3.0 | 4.3 | 7.7 | 5.0 |
| TRAMPAS | 8.0 | 2.0 | 5.0 | 5.0 |
| ABLE I | 6.7 | 3.0 | 5.0 | 4.9 |
| BROADWAY | 6.0 | 3.3 | 5.3 | 4.9 |
| GEORGETOWN | 3.7 | 2.7 | 8.3 | 4.9 |
| SHAMROCK (H86-712) | 4.0 | 4.0 | 6.7 | 4.9 |
| A-34 | 4.3 | 4.3 | 5.7 | 4.8 |
| AMPELLIA | 5.3 | 3.0 | 6.0 | 4.8 |
| BUCKINGHAM (BA 74-114) | 5.3 | 2.3 | 6.7 | 4.8 |
| COVENTRY | 6.3 | 3.0 | 5.0 | 4.8 |
| ECLIPSE | 4.7 | 4.7 | 5.0 | 4.8 |
| J34-99 | 3.7 | 3.0 | 7.7 | 4.8 |
| KENBLUE | 1.3 | 5.0 | 8.0 | 4.8 |
| MARQUIS | 5.3 | 4.0 | 5.0 | 4.8 |
| NUSTAR | 4.7 | 3.0 | 6.7 | 4.8 |
| EST-A84-928 | 2.3 | 4.3 | 7.7 | 4.8 |
| EST-C-224 | 6.3 | 4.3 | 3.7 | 4.8 |
| CANNON (BA 73-381) | 4.3 | 3.0 | 6.7 | 4.7 |
| EST-A84-405 | 4.0 | 3.0 | 7.0 | 4.7 |
| BARBLUE | 4.3 | 2.7 | 6.7 | 4.6 |
| BARON | 3.3 | 3.0 | 7.3 | 4.6 |
| BARONIE (BAR VB 985) | 1.7 | 3.7 | 8.3 | 4.6 |
| ALPINE | 7.7 | 2.3 | 3.3 | 4.4 |
| GINGER | 3.3 | 4.0 | 6.0 | 4.4 |
| GREENLEY | 2.0 | 3.3 | 8.0 | 4.4 |
| LIMOUSINE | 6.7 | 3.3 | 3.3 | 4.4 |

TABLE 35. POA ANNUA RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

POA ANNUA RATINGS 1-9; 9=NO POA ANNUA

| NAME | ID2 | OH2 | OR9 | MEAN |
|------------------------|-----|-----|-----|------|
| BA 76-305 | 4.0 | 3.0 | 6.3 | 4.4 |
| BELMONT (798) | 4.7 | 3.3 | 5.3 | 4.4 |
| DESTINY | 5.0 | 3.7 | 4.7 | 4.4 |
| VIVA (BA 73-366) | 4.3 | 3.0 | 6.0 | 4.4 |
| BARMAX (BAR VB 7037) | 4.0 | 3.3 | 5.7 | 4.3 |
| BLACKSBURG | 7.3 | 3.0 | 2.7 | 4.3 |
| ASCOT (BA 77-279) | 6.3 | 2.3 | 4.0 | 4.2 |
| COBALT | 4.7 | 2.3 | 5.7 | 4.2 |
| MERIT | 2.3 | 4.0 | 6.3 | 4.2 |
| NE 80-47 | 4.0 | 3.0 | 5.7 | 4.2 |
| NOBLESSE | 3.3 | 2.7 | 6.7 | 4.2 |
| SOUTH DAKOTA CERT. | 1.7 | 3.7 | 7.3 | 4.2 |
| RONDE | 3.0 | 3.3 | 6.0 | 4.1 |
| FORTUNA | 3.0 | 2.7 | 6.7 | 4.1 |
| PST-A84-803 | 2.0 | 3.0 | 7.3 | 4.1 |
| BA 73-382 | 2.0 | 3.3 | 6.7 | 4.0 |
| INDIGO | 3.7 | 1.7 | 6.7 | 4.0 |
| KELLY | 4.0 | 3.3 | 4.7 | 4.0 |
| KWS PP 13-2 | 5.3 | 1.7 | 5.0 | 4.0 |
| NOTTINGHAM (BA 77-700) | 2.7 | 3.0 | 6.3 | 4.0 |
| PST-HV-116 | 2.7 | 3.0 | 6.3 | 4.0 |
| SR 2100 | 2.7 | 2.3 | 7.0 | 4.0 |
| ABBEY | 4.0 | 2.0 | 5.7 | 3.9 |
| BARSWHEET | 3.0 | 3.3 | 5.3 | 3.9 |
| CARDIFF | 4.3 | 2.7 | 4.7 | 3.9 |
| GNOME | 4.3 | 2.7 | 4.7 | 3.9 |
| UNIQUE (PST-C-76) | 3.0 | 4.0 | 4.7 | 3.9 |
| PST-R-740 | 3.3 | 2.3 | 5.7 | 3.8 |
| CHELSEA | 4.7 | 2.0 | 4.3 | 3.7 |
| EVB 13.703 | 4.0 | 3.0 | 4.0 | 3.7 |
| EVB 13.863 | 2.3 | 2.3 | 5.7 | 3.4 |
| CREST | 3.0 | 3.0 | 4.3 | 3.4 |
| BA 77-292 | 2.3 | 3.0 | 4.0 | 3.1 |
| BLUE STAR (PST-B8-13) | 2.3 | 1.3 | 4.0 | 2.6 |
| MERION | 2.7 | 2.3 | 1.7 | 2.2 |
| LSD VALUE | 3.3 | 1.8 | 1.8 | 1.4 |

1/ POA ANNUA RATED AT "OH2" & "OR9" IN 1991 AND AT "ID2" IN 1995.

2/ 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).

TABLE 36. PERCENT PLOT GREEN RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
 GROWN UNDER HIGH MAINTENANCE 2/
 1991-1995 DATA

| NAME | VA2 | NAME | VA2 |
|-------------------------|------|------------------------|------|
| GINGER | 98.0 | PST-1DW | 83.3 |
| KENBLUE | 96.0 | CREST | 82.7 |
| PST-A84-928 | 95.3 | DESTINY | 81.7 |
| ALLURE (BA 73-540) | 94.3 | PST-A84-405 | 81.7 |
| MARQUIS | 94.3 | R751A | 81.7 |
| J-386 | 93.7 | SHAMROCK (H86-712) | 81.7 |
| BAR VB 852 | 93.3 | SUFFOLK | 81.7 |
| BARON | 93.3 | BELMONT (798) | 81.0 |
| KELLY | 93.3 | BARMAX (BAR VB 7037) | 80.0 |
| 4 ACES (PST-RE-88) | 92.7 | CALIBER (J-335) | 80.0 |
| BA 77-292 | 92.7 | J11-94 | 80.0 |
| VIVA (BA 73-366) | 92.7 | KWS PP 13-2 | 80.0 |
| COBALT | 91.7 | NASSAU | 80.0 |
| RAM-1 | 91.7 | J-333 | 78.3 |
| RITA (EST-UD-10) | 91.7 | BUCKINGHAM (BA 74-114) | 76.7 |
| LIVINGSTON | 91.0 | DAWN | 76.7 |
| MONOPOLY | 91.0 | ECLIPSE | 76.7 |
| UNIQUE (PST-C-76) | 91.0 | PREAKNESS (602) | 76.7 |
| GNOME | 90.0 | A-34 | 75.0 |
| ABBHEY | 89.3 | ESTATE | 75.0 |
| BA 70-131 | 89.3 | J13-152 | 75.0 |
| ASPEN | 88.3 | NUBLUE (J-229) | 75.0 |
| CANNON (BA 73-381) | 88.3 | PST-A84-803 | 75.0 |
| CHALLENGER | 88.3 | TRENTON | 75.0 |
| COVENTRY | 88.3 | PST-A7-1877 | 73.3 |
| FAIRFAX (BA 69-82) | 88.3 | CLASSIC | 71.7 |
| FORTUNA | 88.3 | PST-R-740 | 71.7 |
| GLADE | 88.3 | PST-0514 | 70.0 |
| GREENLEY | 88.3 | AMPELLIA | 68.3 |
| HAGA | 88.3 | BANFF | 68.3 |
| MERION | 88.3 | BLACKSBURG | 68.3 |
| PST-A7-341 | 88.3 | LIBERTY | 68.3 |
| NUSTAR | 87.7 | WASHINGTON | 68.3 |
| SR 2000 | 87.7 | EVB 13.863 | 66.7 |
| J34-99 | 86.7 | GEORGETOWN | 66.7 |
| PSU-151 | 86.7 | FREEDOM | 65.0 |
| BLUE STAR (PST-B8-13) | 85.0 | BARBLUE | 63.3 |
| NE 80-47 | 85.0 | EAGLETON | 63.3 |
| NOTTINGHAM (BA 77-700) | 85.0 | JULIA | 63.3 |
| OPTI-GREEN (PST-B8-106) | 85.0 | EVB 13.703 | 61.7 |
| PST-C-224 | 85.0 | PST-UD-12 | 61.7 |
| SR 2100 | 85.0 | SILVIA | 61.7 |
| MERIT | 83.3 | RONDE | 61.0 |
| MIDNIGHT | 83.3 | DONNA | 60.0 |
| MINSTREL | 83.3 | INDIGO | 60.0 |

TABLE 36. PERCENT PLOT GREEN RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

| NAME | VA2 |
|-------------------------|------|
| TOUCHDOWN | 60.0 |
| CHELSEA | 58.3 |
| HV 125 | 58.3 |
| CARDIFF | 56.7 |
| PRINCETON 104 | 56.7 |
| BA 76-305 | 55.0 |
| 1757 | 53.3 |
| CYNTHIA | 53.3 |
| NOBLESSE | 53.3 |
| LIMOUSINE | 51.7 |
| RAVEN (BA 78-258) | 51.7 |
| ABLE I | 50.0 |
| ALPINE | 46.7 |
| BARONIE (BAR VB 985) | 45.0 |
| OPAL | 45.0 |
| PENNNPRO (PR-1) | 43.3 |
| ASCOT (BA 77-279) | 41.7 |
| BAR VB 1169 | 38.3 |
| BROADWAY | 36.7 |
| EVA (WW AG 508) | 36.7 |
| CONNI | 35.0 |
| BA 73-382 | 32.7 |
| PLATINI | 31.7 |
| SOUTH DAKOTA CERT. | 28.3 |
| BARCELONA (BAR VB 1184) | 27.3 |
| MIRACLE | 21.7 |
| BARZAN | 20.0 |
| MIRANDA | 18.3 |
| PST-HV-116 | 18.3 |
| WW AG 505 | 15.0 |
| MELBA | 13.3 |
| BARTITIA | 12.3 |
| BARSWHEET | 10.0 |
| TRAMPAS | 9.0 |
| APEX (SUMMIT) | 5.7 |
| LSD VALUE | 33.1 |

1/ PERCENT PLOT GREEN RATED IN 1993.

2/ 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).

TABLE 37. NECROTIC RING SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

NECROTIC RING SPOT RATINGS 1-9; 9=NONE 2/

| NAME | ID2 | NAME | ID2 |
|------------------------|-----|-------------------------|-----|
| PST-1DW | 9.0 | ABBEY | 8.1 |
| WASHINGTON | 8.9 | BARCELONA (BAR VB 1184) | 8.1 |
| BUCKINGHAM (BA 74-114) | 8.8 | CLASSIC | 8.1 |
| MIDNIGHT | 8.8 | GNOME | 8.1 |
| APEX (SUMMIT) | 8.7 | HAGA | 8.1 |
| BARBLUE | 8.7 | INDIGO | 8.1 |
| EAGLETON | 8.7 | NOTTINGHAM (BA 77-700) | 8.1 |
| EVA (WW AG 508) | 8.7 | SR 2100 | 8.1 |
| FREEDOM | 8.7 | 4 ACES (PST-RE-88) | 8.0 |
| GLADE | 8.7 | ABLE I | 8.0 |
| MIRACLE | 8.7 | BELMONT (798) | 8.0 |
| MIRANDA | 8.6 | BLACKSBURG | 8.0 |
| NOBLESSE | 8.6 | CANNON (BA 73-381) | 8.0 |
| PST-A84-803 | 8.6 | J-386 | 8.0 |
| SUFFOLK | 8.6 | LIBERTY | 8.0 |
| BARZAN | 8.4 | PENNPRO (PR-1) | 8.0 |
| DAWN | 8.4 | PST-A7-341 | 8.0 |
| GEORGETOWN | 8.4 | PST-UD-12 | 8.0 |
| HV 125 | 8.4 | SHAMROCK (H86-712) | 8.0 |
| J34-99 | 8.4 | 1757 | 7.9 |
| MERIT | 8.4 | BLUE STAR (PST-B8-13) | 7.9 |
| PST-A84-405 | 8.4 | CHALLENGER | 7.9 |
| SR 2000 | 8.4 | CREST | 7.9 |
| BARONIE (BAR VB 985) | 8.3 | DESTINY | 7.9 |
| COBALT | 8.3 | GREENLEY | 7.9 |
| CONNI | 8.3 | MONOPOLY | 7.9 |
| ECLIPSE | 8.3 | WW AG 505 | 7.9 |
| KELLY | 8.3 | AMPELLIA | 7.8 |
| MARQUIS | 8.3 | EVB 13.703 | 7.8 |
| NASSAU | 8.3 | KWS PP 13-2 | 7.8 |
| PREAKNESS (602) | 8.3 | MELBA | 7.8 |
| UNIQUE (PST-C-76) | 8.3 | MINSTREL | 7.8 |
| ASCOT (BA 77-279) | 8.2 | PRINCETON 104 | 7.8 |
| BA 73-382 | 8.2 | RAVEN (BA 78-258) | 7.8 |
| BA 76-305 | 8.2 | TRAMPAS | 7.8 |
| BA 77-292 | 8.2 | ALPINE | 7.7 |
| BARON | 8.2 | ASPEN | 7.7 |
| FORTUNA | 8.2 | CALIBER (J-335) | 7.7 |
| J13-152 | 8.2 | CYNTHIA | 7.7 |
| NUSTAR | 8.2 | LIVINGSTON | 7.7 |
| PST-0514 | 8.2 | TOUCHDOWN | 7.7 |
| PST-A84-928 | 8.2 | TRENTON | 7.7 |
| RITA (EST-UD-10) | 8.2 | BANFF | 7.6 |
| SOUTH DAKOTA CERT. | 8.2 | J11-94 | 7.6 |
| VIVA (BA 73-366) | 8.2 | NUBLUE (J-229) | 7.6 |

TABLE 37. NECROTIC RING SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

NECROTIC RING SPOT RATINGS 1-9; 9=NONE

| NAME | ID2 |
|-------------------------|-----|
| R751A | 7.6 |
| J-333 | 7.4 |
| LIMOUSINE | 7.4 |
| MERION | 7.4 |
| OPTI-GREEN (PST-B8-106) | 7.4 |
| RAM-1 | 7.4 |
| SILVIA | 7.4 |
| PST-R-740 | 7.3 |
| RONDE | 7.3 |
| BARTITIA | 7.2 |
| COVENTRY | 7.2 |
| BAR VB 852 | 7.0 |
| NE 80-47 | 7.0 |
| PST-A7-1877 | 7.0 |
| PST-HV-116 | 7.0 |
| GINGER | 6.9 |
| JULIA | 6.9 |
| PLATINI | 6.9 |
| PSU-151 | 6.9 |
| BAR VB 1169 | 6.8 |
| ESTATE | 6.8 |
| KENBLUE | 6.8 |
| CHELSEA | 6.7 |
| PST-C-224 | 6.7 |
| A-34 | 6.6 |
| CARDIFF | 6.6 |
| EVB 13.863 | 6.4 |
| BA 70-131 | 6.3 |
| ALLURE (BA 73-540) | 6.2 |
| FAIRFAX (BA 69-82) | 6.2 |
| BROADWAY | 6.1 |
| OPAL | 6.1 |
| BARMAX (BAR VB 7037) | 5.8 |
| BARSWEEP | 5.0 |
| DONNA | 4.6 |
| LSD VALUE | 1.5 |

1/ NECROTIC RING SPOT RATED 1991, 1993 AND 1994.

2/ 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).

TABLE 38. SUMMER STRESS RECOVERY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

SUMMER STRESS RECOVERY RATINGS 1-9; 9=COMPLETE RECOVERY 2/

| NAME | NJ1 | NAME | NJ1 |
|------------------------|-----|----------------------|-----|
| MONOPOLY | 8.0 | J13-152 | 4.3 |
| KENBLUE | 7.0 | LIVINGSTON | 4.3 |
| BLACKSBURG | 6.7 | MARQUIS | 4.3 |
| INDIGO | 6.7 | PST-A7-341 | 4.3 |
| J-386 | 6.3 | PST-A84-928 | 4.3 |
| MIDNIGHT | 6.3 | PST-R-740 | 4.3 |
| OPAL | 6.3 | SHAMROCK (H86-712) | 4.3 |
| CLASSIC | 6.0 | SILVIA | 4.3 |
| DESTINY | 6.0 | SOUTH DAKOTA CERT. | 4.3 |
| ECLIPSE | 6.0 | VIVA (BA 73-366) | 4.3 |
| KELLY | 6.0 | BARMAX (BAR VB 7037) | 4.0 |
| ABBEY | 5.7 | CHALLENGER | 4.0 |
| BARONIE (BAR VB 985) | 5.7 | COBALT | 4.0 |
| GEORGETOWN | 5.7 | CYNTHIA | 4.0 |
| JULIA | 5.7 | HAGA | 4.0 |
| UNIQUE (PST-C-76) | 5.7 | J11-94 | 4.0 |
| BAR VB 852 | 5.3 | KWS PP 13-2 | 4.0 |
| CALIBER (J-335) | 5.3 | PSU-151 | 4.0 |
| CREST | 5.3 | WASHINGTON | 4.0 |
| PLATINI | 5.3 | ALLURE (BA 73-540) | 3.7 |
| PREAKNESS (602) | 5.3 | ALPINE | 3.7 |
| BANFF | 5.0 | ASCOT (BA 77-279) | 3.7 |
| BAR VB 1169 | 5.0 | BARZAN | 3.7 |
| EAGLETON | 5.0 | CARDIFF | 3.7 |
| ESTATE | 5.0 | GLADE | 3.7 |
| GNOME | 5.0 | GREENLEY | 3.7 |
| J-333 | 5.0 | LIBERTY | 3.7 |
| NOTTINGHAM (BA 77-700) | 5.0 | NE 80-47 | 3.7 |
| NUSTAR | 5.0 | PST-A7-1877 | 3.7 |
| TRENTON | 5.0 | PST-A84-405 | 3.7 |
| 4 ACES (PST-RE-88) | 4.7 | PST-C-224 | 3.7 |
| CANNON (BA 73-381) | 4.7 | R751A | 3.7 |
| COVENTRY | 4.7 | RAM-1 | 3.7 |
| FORTUNA | 4.7 | RONDE | 3.7 |
| FREEDOM | 4.7 | 1757 | 3.3 |
| LIMOUSINE | 4.7 | ABLE I | 3.3 |
| MERIT | 4.7 | AMPELLIA | 3.3 |
| SR 2000 | 4.7 | HV 125 | 3.3 |
| SUFFOLK | 4.7 | NASSAU | 3.3 |
| A-34 | 4.3 | PRINCETON 104 | 3.3 |
| BA 73-382 | 4.3 | RITA (PST-UD-10) | 3.3 |
| BA 77-292 | 4.3 | ASPEN | 3.0 |
| BARON | 4.3 | BA 70-131 | 3.0 |
| EVB 13.863 | 4.3 | BA 76-305 | 3.0 |
| FAIRFAX (BA 69-82) | 4.3 | BARBLUE | 3.0 |

TABLE 38. SUMMER STRESS RECOVERY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

SUMMER STRESS RECOVERY RATINGS 1-9; 9=COMPLETE RECOVERY

| NAME | NJ1 |
|-------------------------|-----|
| DAWN | 3.0 |
| J34-99 | 3.0 |
| MERION | 3.0 |
| NUBLUE (J-229) | 3.0 |
| OPTI-GREEN (PST-B8-106) | 3.0 |
| PST-1DW | 3.0 |
| PST-A84-803 | 3.0 |
| PST-UD-12 | 3.0 |
| WW AG 505 | 3.0 |
| BLUE STAR (PST-B8-13) | 2.7 |
| CHELSEA | 2.7 |
| CONNI | 2.7 |
| EVB 13.703 | 2.7 |
| PST-0514 | 2.7 |
| RAVEN (BA 78-258) | 2.7 |
| BARSWEET | 2.3 |
| BELMONT (798) | 2.3 |
| BUCKINGHAM (BA 74-114) | 2.3 |
| DONNA | 2.3 |
| EVA (WW AG 508) | 2.3 |
| GINGER | 2.3 |
| MINSTREL | 2.3 |
| NOBLESSE | 2.3 |
| APEX (SUMMIT) | 2.0 |
| MELBA | 2.0 |
| MIRACLE | 2.0 |
| MIRANDA | 2.0 |
| SR 2100 | 2.0 |
| TRAMPAS | 2.0 |
| PENNPRO (PR-1) | 1.7 |
| PST-HV-116 | 1.7 |
| BARTITIA | 1.3 |
| BROADWAY | 1.3 |
| TOUCHDOWN | 1.3 |
| BARCELONA (BAR VB 1184) | 1.0 |
| LSD VALUE | 2.5 |

1/ SUMMER STRESS RECOVERY RATED IN 1995.

2/ 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).

TABLE 39. SOD STRENGTH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER HIGH MAINTENANCE
1991-1995 DATA

SOD STRENGTH MEASURED IN KILOGRAMS OF TENSION 2/

| NAME | VA2 | NAME | VA2 |
|-------------------------|------|-------------------------|------|
| ABBEY | 49.7 | FREEDOM | 33.7 |
| WASHINGTON | 46.7 | BANFF | 33.3 |
| MARQUIS | 46.0 | BLUE STAR (PST-B8-13) | 33.3 |
| MIRANDA | 42.3 | FORTUNA | 33.3 |
| PREAKNESS (602) | 41.7 | J11-94 | 33.3 |
| PST-A7-1877 | 41.7 | NE 80-47 | 33.3 |
| PST-A84-803 | 41.3 | OPTI-GREEN (PST-B8-106) | 33.3 |
| MERIT | 41.0 | RONDE | 33.3 |
| UNIQUE (PST-C-76) | 41.0 | 1757 | 33.0 |
| LIVINGSTON | 40.7 | CREST | 32.7 |
| PST-R-740 | 40.0 | PST-A7-341 | 32.3 |
| KELLY | 39.7 | SR 2000 | 32.3 |
| SR 2100 | 39.7 | COBALT | 32.0 |
| AMPELLIA | 39.0 | FAIRFAX (BA 69-82) | 32.0 |
| GNOME | 39.0 | GREENLEY | 32.0 |
| TOUCHDOWN | 38.7 | PST-C-224 | 32.0 |
| BARON | 38.3 | CHALLENGER | 31.7 |
| SHAMROCK (H86-712) | 38.3 | KENBLUE | 31.7 |
| ASPEN | 37.7 | WW AG 505 | 31.7 |
| J-386 | 37.7 | ABLE I | 31.3 |
| APEX (SUMMIT) | 37.3 | BLACKSBURG | 31.3 |
| SILVIA | 37.3 | VIVA (BA 73-366) | 31.0 |
| BARMAX (BAR VB 7037) | 37.0 | BAR VB 1169 | 30.7 |
| BARSWEET | 37.0 | PSU-151 | 30.3 |
| BELMONT (798) | 37.0 | PRINCETON 104 | 29.7 |
| BARTITIA | 36.7 | PST-UD-12 | 29.3 |
| CONNIE | 36.3 | A-34 | 29.0 |
| COVENTRY | 36.3 | CANNON (BA 73-381) | 29.0 |
| RAM-1 | 36.3 | HV 125 | 28.7 |
| BA 70-131 | 36.0 | MONOPOLY | 28.7 |
| BA 73-382 | 36.0 | TRAMPAS | 28.7 |
| RAVEN (BA 78-258) | 36.0 | CLASSIC | 28.3 |
| OPAL | 35.7 | INDIGO | 28.3 |
| CYNTHIA | 35.3 | 4 ACES (PST-RE-88) | 28.0 |
| ESTATE | 35.3 | ASCOT (BA 77-279) | 27.7 |
| BA 76-305 | 34.7 | EVA (WW AG 508) | 27.7 |
| BARCELONA (BAR VB 1184) | 34.7 | LIBERTY | 27.7 |
| ALLURE (BA 73-540) | 34.3 | MERION | 27.7 |
| MIRACLE | 34.3 | RITA (PST-UD-10) | 27.7 |
| NOTTINGHAM (BA 77-700) | 34.3 | J-333 | 27.0 |
| BARBLUE | 34.0 | J13-152 | 27.0 |
| PENNPRO (PR-1) | 34.0 | SUFFOLK | 27.0 |
| PST-A84-405 | 34.0 | BROADWAY | 26.7 |
| PST-A84-928 | 34.0 | HAGA | 26.7 |
| BAR VB 852 | 33.7 | MIDNIGHT | 26.7 |

TABLE 39. SOD STRENGTH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 (CONT'D) GROWN UNDER HIGH MAINTENANCE
 1991-1995 DATA

SOD STRENGTH MEASURED IN KILOGRAMS OF TENSION

| NAME | VA2 |
|------------------------|------|
| ECLIPSE | 26.3 |
| NUSTAR | 26.3 |
| PLATINI | 26.3 |
| TRENTON | 26.3 |
| BUCKINGHAM (BA 74-114) | 26.0 |
| NOBLESSE | 26.0 |
| BARZAN | 25.7 |
| DAWN | 25.3 |
| PST-1DW | 25.3 |
| DESTINY | 25.0 |
| KWS PP 13-2 | 25.0 |
| MELBA | 25.0 |
| R751A | 25.0 |
| BARONIE (BAR VB 985) | 24.3 |
| CHELSEA | 24.3 |
| GEORGETOWN | 24.3 |
| J34-99 | 24.3 |
| ALPINE | 24.0 |
| DONNA | 24.0 |
| EVB 13.863 | 23.7 |
| JULIA | 23.7 |
| PST-0514 | 23.3 |
| CALIBER (J-335) | 23.0 |
| MINSTREL | 22.7 |
| GINGER | 22.3 |
| PST-HV-116 | 22.3 |
| LIMOUSINE | 22.0 |
| NASSAU | 21.7 |
| EVB 13.703 | 21.0 |
| GLADE | 21.0 |
| EAGLETON | 20.7 |
| NUBLUE (J-229) | 20.7 |
| SOUTH DAKOTA CERT. | 18.3 |
| BA 77-292 | 14.7 |
| CARDIFF | 12.3 |
| LSD VALUE | 12.7 |

1/ SOD STRENGTH RATED IN 1991.

2/ 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).