

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.

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LOCATIONS SUBMITTING DATA FOR 1998

| <u>State</u> | <u>Location</u> | <u>Code</u> |
|----------------|-----------------------|-------------|
| Alberta | Olds | AB1 |
| Iowa | Ames | IA1 |
| Iowa | Ames (Traffic) | IA2 |
| Illinois | Urbana | IL1 |
| Illinois | Carbondale | IL2 |
| Indiana | West Lafayette | IN1 |
| Kansas | Manhattan | KS1 |
| Kentucky | Lexington | KY1 |
| Massachusetts | Amherst | MA1 |
| Maryland | Silver Spring (Shade) | MD2 |
| Maryland | Beltsville | UB1 |
| Maryland | Beltsville | UB2 |
| Maine | Orono | ME1 |
| Michigan | East Lansing | MI1 |
| Minnesota | St. Paul | MN1 |
| Missouri | Columbia | MO1 |
| Missouri | St. Louis | MO3 |
| North Carolina | Raleigh | NC1 |
| Nebraska | Lincoln | NE1 |
| Nebraska | Lincoln (Entomology) | NE2 |
| New Jersey | North Brunswick | NJ1 |
| New Jersey | Adelphia | NJ2 |
| Ohio | Columbus | OH1 |
| Oklahoma | Stillwater | OK1 |
| Ontario | Guelph | ON1 |
| Pennsylvania | University Park | PA1 |
| Quebec | Quebec | QE1 |
| Rhode Island | Kingston | RI1 |
| Utah | Logan | UT1 |
| Virginia | Blacksburg | VA1 |
| Washington | Pullman | WA1 |

1995 NATIONAL KENTUCKY BLUEGRASS TEST
(Medium-High Maintenance)
Entries and Sponsors

| Entry No. | Name | Sponsor | Entry No. | Name | Sponsor |
|-----------|--------------------------|-----------------------------|-----------|------------------------|---------------------------------|
| 1 | Princeton 105 | Agribiotech, Inc. | 52 | Ascot | O. M. Scott & Sons |
| 2 | Baron | Standard Entry | 53 | Coventry | O. M. Scott & Sons |
| 3 | A88-744 | Agribiotech, Inc. | 54 | Sidekick | Ampac Seed Co. |
| 4 | Shamrock | LESCO, Inc. | 55 | Ba 70-060 | O. M. Scott & Sons |
| 5 | Wildwood | LESCO, Inc. | 56 | Ba 73-373 | O. M. Scott & Sons |
| 6 | LKB-95 | LESCO, Inc. | 57 | Envicta (Ba 75-173) | O. M. Scott & Sons |
| 7 | Chateau | Agribiotech, Inc. | 58 | Ba 75-490 | O. M. Scott & Sons |
| 8 | Pepaya (DP 37-192) | DLF/Trifolium | 59 | Ba 76-197 | O. M. Scott & Sons |
| 9 | Lipoa | Deutsche Saatveredelung | 60 | Misty (Ba 76-372) | Pennington Seed, Inc. |
| 10 | America | Pickseed West, Inc. | 61 | Seabring (Ba 79-260) | Agribiotech, Inc. |
| 11 | Haga | E. F. Burlingham & Sons | 62 | Ba 81-058 | O. M. Scott & Sons |
| 12 | BAR VB 233 | Barenbrug Holland | 63 | Ba 81-113 | O. M. Scott & Sons |
| 13 | BAR VB 3115B | Barenbrug Holland | 64 | Ba 81-220 | O. M. Scott & Sons |
| 14 | Bariris (BAR VB 5649) | Barenbrug Holland | 65 | Jewel (Ba 81-227) | O. M. Scott & Sons |
| 15 | BAR VB 6820 | Barenbrug Holland | 66 | Ba 81-270 | O. M. Scott & Sons |
| 16 | Ba 75-163 | O. M. Scott & Sons | 67 | Goldrush (Ba 87-102) | The Scotts Co. |
| 17 | Ba 77-702 | O. M. Scott & Sons | 68 | H86-690 | Jonathan Green & Sons |
| 18 | NJ-GD | LESCO, Inc. | 69 | Sodnet | Turf Merchants, Inc. |
| 19 | Champagne (LTP-621) | Lebanon Turf Products | 70 | LTP-620 | Lebanon Turf Products |
| 20 | Marquis | Roberts Seed Co. | 71 | PST-P46 | Pure-Seed Testing, Inc. |
| 21 | ASP200 (HV 130) | Advanta Seeds West, Inc. | 72 | PST-BO-165 | Pure-Seed Testing & Turf-Seed |
| 22 | HV 242 | Advanta Seeds West, Inc. | 73 | Blackstone (PST-638) | C. R. Funk - Rutgers University |
| 23 | Raven | Agribiotech, Inc. | 74 | Brilliant (PST-B2-42) | Pure-Seed Testing & Turf-Seed |
| 24 | Pick 8 | Pickseed West, Inc. | 75 | North Star (PST-A7-60) | Pure-Seed Testing & Turf-Seed |
| 25 | Rugby II (MED-18) | Medalist America | 76 | Serene (PST-A7-245A) | Pure-Seed Testing & Turf-Seed |
| 26 | Absolute (MED-1497) | Medalist America | 77 | Moonlight (PST-A418) | Pure-Seed Testing & Turf-Seed |
| 27 | MED-1580 | Medalist America | 78 | Showcase (PST-BO-141) | Pure-Seed Testing & Turf-Seed |
| 28 | Bluechip (MED-1991) | Medalist America | 79 | NJ 1190 | C. R. Funk - Rutgers University |
| 29 | Classic | Peterson Seed Company | 80 | Challenger | Turf-Seed, Inc. |
| 30 | Caliber | Peterson Seed Company | 81 | Blacksburg | Turf-Seed, Inc. |
| 31 | J-1555 | Jacklin Seed Company | 82 | Unique | Turf-Seed, Inc. |
| 32 | Odyssey (J-1561) | Simplot Turf & Horticulture | 83 | Midnight | Standard Entry |
| 33 | Eclipse | Jacklin Seed Company | 84 | ZPS-309 | Agribiotech, Inc. |
| 34 | NuStar | Jacklin Seed Company | 85 | Dragon (ZPS-429) | Zajac Performance Seeds |
| 35 | Award | Jacklin Seed Company | 86 | ZPS-2183 | Agribiotech, Inc. |
| 36 | NuGlade | Jacklin Seed Company | 87 | Glade | Standard Entry |
| 37 | Impact (J-1576) | Jacklin Seed Company | 88 | Kenblue | Standard Entry |
| 38 | Total Eclipse (TCR-1738) | Agribiotech, Inc. | 89 | Compact | DLF/Trifolium |
| 39 | Arcadia (J-1936) | Jacklin Seed Company | 90 | Conni | DLF/Trifolium |
| 40 | Rambo (J-2579) | Jacklin Seed Company | 91 | Platini | DLF/Trifolium |
| 41 | Chicago (J-2582) | National Seed Co. | 92 | Livingston | Turf-Seed, Inc. |
| 42 | Quantum Leap (J-1567) | Roberts Seed Company | 93 | Jefferson | Jonathan Green & Sons |
| 43 | Limousine | Roberts Seed Company | 94 | Nimbus | Jonathan Green & Sons |
| 44 | Explorer (Pick-3561) | Pickseed West, Inc. | 95 | Allure | International Seeds, Inc. |
| 45 | Liberator (ZPS-2572) | Simplot Turf & Horticulture | 96 | Cardiff | International Seeds, Inc. |
| 46 | Pick-855 | Pickseed West, Inc. | 97 | Fortuna | International Seeds, Inc. |
| 47 | SR 2000 | Seed Research of OR | 98 | VB 16015 | International Seeds, Inc. |
| 48 | SR 2100 | Seed Research of OR | 99 | Baronie | Barenbrug USA |
| 49 | SR 2109 | Seed Research of OR | 100 | Bartitia | Barenbrug USA |
| 50 | SRX 2205 | Seed Research of OR | 101 | Baruzo | Barenbrug USA |
| 51 | Abbey | O. M. Scott & Sons | 102 | NJ-54 | C. R. Funk - Rutgers University |
| | | | 103 | Apollo (PST-B3-180) | Agribiotech, Inc. |

TABLE A.

1998 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN
THE 1995 NATIONAL KENTUCKY BLUEGRASS TEST (MEDIUM/HIGH INPUT)

| 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 |
|----------|--------------------|------------|-----------------------------------|---------------------------------|------------------------------|--------------------|--------------------------|---------------------------|
| AB1 | - | - | - | - | - | - | - | - |
| IA1 | SANDY CLAY LOAM | 7.1-7.5 | 0-60 | 241-375 | 2.1-3.0 | FULL SUN | 2.6-3.0 | TO PREVENT STRESS |
| IA2 | SANDY CLAY LOAM | 7.1-7.5 | 0-60 | 241-375 | 2.1-3.0 | FULL SUN | 2.6-3.0 | TO PREVENT STRESS |
| IL1 | SILT LOAM AND SILT | 6.1-6.5 | 0-60 | 376-500 | 3.1-4.0 | FULL SUN | 0.6-1.0 | TO PREVENT STRESS |
| IL2 | SILTY CLAY LOAM | 6.1-6.5 | 271-450 | 151-240 | 4.1-5.0 | FULL SUN | 1.1-1.5 | TO PREVENT STRESS |
| IN1 | SILT LOAM AND SILT | 7.1-7.5 | 61-150 | 376-500 | 3.1-4.0 | FULL SUN | 0.6-1.0 | TO PREVENT STRESS |
| KS1 | SILT LOAM AND SILT | 6.6-7.0 | 151-270 | 241-375 | 3.1-4.0 | FULL SUN | 0.6-1.0 | TO PREVENT STRESS |
| KY1 | SILT LOAM AND SILT | 6.1-6.5 | 61-150 | 241-375 | 3.1-4.0 | FULL SUN | 1.1-1.5 | ONLY DURING SEVERE STRESS |
| MA1 | SILT LOAM AND SILT | 6.1-6.5 | 61-150 | 151-240 | 4.1-5.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| MD2 | SILT LOAM AND SILT | 6.6-7.0 | 61-150 | 241-375 | 2.1-3.0 | DENSE SHADE | 2.6-3.0 | TO PREVENT DORMANCY |
| ME1 | - | - | - | - | - | - | - | - |
| MI1 | SANDY LOAM | 7.1-7.5 | 0-60 | 0-150 | 2.1-3.0 | FULL SUN | 2.1-2.5 | ONLY DURING SEVERE STRESS |
| MN1 | SILTY CLAY LOAM | 6.6-7.0 | 151-270 | 376-500 | 2.1-3.0 | FULL SUN | 1.6-2.0 | TO PREVENT STRESS |
| MO1 | SILT LOAM AND SILT | 6.1-6.5 | 61-150 | 151-240 | 3.1-4.0 | FULL SUN | 2.1-2.5 | TO PREVENT STRESS |
| MO3 | SILTY CLAY LOAM | 6.6-7.0 | 61-150 | 151-240 | 4.1-5.0 | FULL SUN | 2.6-3.0 | TO PREVENT DORMANCY |
| NC1 | SANDY CLAY LOAM | 5.6-6.0 | 61-150 | 0-150 | 3.1-4.0 | - | 1.1-1.5 | TO PREVENT STRESS |
| NE1 | SILTY CLAY LOAM | 7.1-7.5 | 0-60 | 151-240 | 3.1-4.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| NE2 | SILTY CLAY LOAM | 7.1-7.5 | 0-60 | 151-240 | 2.1-3.0 | FULL SUN | 1.6-2.0 | TO PREVENT STRESS |
| NJ1 | SANDY LOAM | 4.6-5.5 | 271-450 | 241-375 | 2.1-3.0 | FULL SUN | 1.1-1.5 | TO PREVENT STRESS |
| NJ2 | SANDY LOAM | 5.6-6.0 | 451+ | 376-500 | 3.1-4.0 | FULL SUN | 1.1-1.5 | TO PREVENT STRESS |
| OH1 | SILTY CLAY LOAM | 6.6-7.0 | 0-60 | 0-150 | 3.1-4.0 | FULL SUN | 1.1-1.5 | TO PREVENT STRESS |
| OK1 | SILTY CLAY LOAM | 6.6-7.0 | 271-450 | 501+ | 2.1-3.0 | FULL SUN | 1.6-2.0 | TO PREVENT STRESS |
| ON1 | SANDY LOAM | 7.6-8.5 | 0-60 | 0-150 | 3.1-4.0 | FULL SUN | 2.1-2.5 | NO IRRIGATION |
| PA1 | SILT LOAM AND SILT | 6.6-7.0 | 151-270 | 0-150 | 3.1-4.0 | FULL SUN | 1.6-2.0 | TO PREVENT STRESS |
| QE1 | LOAMY SAND | 7.1-7.5 | 0-60 | 0-150 | 3.1-4.0 | FULL SUN | 1.1-1.5 | NO IRRIGATION |
| RI1 | SILT LOAM AND SILT | 5.6-6.0 | 61-150 | 151-240 | 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 | 0.0-0.5 | TO PREVENT STRESS |
| UB2 | SILT LOAM AND SILT | 4.6-5.5 | 451+ | 241-375 | 3.1-4.0 | FULL SUN | 1.6-2.0 | TO PREVENT STRESS |
| UT1 | - | - | - | - | - | FULL SUN | - | - |
| VA1 | SILT LOAM AND SILT | 4.6-5.5 | 61-150 | 0-150 | 3.1-4.0 | FULL SUN | 1.1-1.5 | TO PREVENT STRESS |
| WA1 | SILT LOAM AND SILT | 5.6-6.0 | 271-450 | 501+ | 4.1-5.0 | FULL SUN | 1.6-2.0 | TO PREVENT STRESS |

TABLE B.

LOCATIONS AND DATA COLLECTED IN 1998

| 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 | LEAF TEXTURE |
|----------|------------------------------|-------------------------------|----------------------------|----------------------------|--------------------------|---------------------------|---------------------------|-----------------------------|--------------------------------|------------------------------|-------------------------------|-------------------------------|------------------|-------------------|-----------------|
| AB1 | | | | | X | X | X | X | X | X | | | X | X | X |
| IA1 | | | | | X | X | X | X | X | X | | | X | X | X |
| IA2 | | | | | | | | | | | | | | | |
| IL1 | | | | X | X | X | X | X | X | X | | | X | | X |
| IL2 | | | | X | X | X | X | X | X | X | X | | X | | X |
| IN1 | | | | X | X | X | X | X | X | X | X | | X | X | X |
| KS1 | | | | X | X | X | X | X | X | X | X | | X | X | |
| KY1 | | | X | X | X | X | X | X | X | X | | | X | | X |
| MA1 | | | | X | X | X | X | X | X | X | | | | X | |
| MD2 | | | | X | X | X | X | X | X | X | X | | | | |
| ME1 | | | | | X | X | X | X | X | X | | | X | | X |
| MI1 | | | X | X | X | X | X | X | X | | | | X | X | X |
| MN1 | | | | X | X | X | X | X | X | X | | | X | X | X |
| MO1 | | | | | X | X | X | X | X | X | X | X | X | X | X |
| MO3 | | | | X | X | X | X | X | X | X | X | | X | X | X |
| NC1 | X | X | X | X | X | X | X | X | X | X | X | X | X | | X |
| NE1 | | | | X | X | X | X | X | X | | X | | X | | X |
| NE2 | | | | | X | X | X | X | X | | | | X | | X |
| NJ1 | X | | | X | X | X | X | X | X | X | X | | | X | |
| NJ2 | | | | X | X | X | X | X | X | X | | X | | | X |
| OH1 | | | | | | X | X | X | X | | | | X | X | X |
| OK1 | | | | X | X | X | X | X | X | X | X | | X | X | X |
| ON1 | | | | | X | X | X | X | X | X | | | X | X | X |
| PA1 | | | | | X | X | X | X | X | X | | | X | X | X |
| QE1 | | | | X | X | X | X | X | X | X | X | | X | | X |
| RI1 | | | | | X | X | X | X | X | X | X | | X | | X |
| UB1 | | | | X | X | X | X | X | X | X | X | | X | X | X |
| UB2 | | | | | | | | | | | | | | | |
| UT1 | | | | | | X | X | X | X | X | X | | X | | |
| VA1 | | | X | X | X | X | X | X | X | X | X | X | X | X | X |
| WA1 | | | | X | X | X | X | X | X | X | | | X | X | X |

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 1998

| LOCATION | WEAR TOLERANCE | SPRING DENSITY | SUMMER DENSITY | FALL DENSITY | PERCENT COVER SPRING | PERCENT COVER SUMMER | PERCENT COVER FALL | FROST TOLERANCE | WINTER COLOR | DROUGHT TOLERANCE DORMANCY | THATCH MEASUREMENTS | GREY SNOW MOLD | MELTING OUT SPRING | LEAF SPOT | STEM RUST |
|----------|-------------------|-------------------|-------------------|-----------------|----------------------------|----------------------------|--------------------------|--------------------|-----------------|----------------------------------|------------------------|----------------------|--------------------------|--------------|--------------|
| AB1 | | | | | | | | | | | | | | | |
| IA1 | | | | | | | | | | | | | | | |
| IA2 | X | | | | | | X | | | | | | | | |
| IL1 | | | | X | | | | | | | | | | | |
| IL2 | | | | | | | | | | | | | | | |
| IN1 | | | | | | | | | | | | | | | |
| KS1 | | | X | | | | | | | | | | | | |
| KY1 | | | | | | | X | | | | | | | | |
| MA1 | | | | | | | | | | | | | | | |
| MD2 | | | | | | | | | | | | | | | |
| ME1 | | | | | | | | | | | | | | | |
| MI1 | | | | | | | | | | | | | | | |
| MN1 | | | X | X | X | X | X | | | X | | | | | |
| MO1 | | X | X | | X | | | | | | | | | | |
| MO3 | | X | X | X | | X | | | | | | | | | |
| NC1 | | X | | X | X | X | X | | X | | | | | | X |
| NE1 | | X | X | X | | | | | | | | | | | |
| NE2 | | | X | X | | | | | | | | | | | |
| NJ1 | | | | | | | X | | | | | | | | |
| NJ2 | | | | | | | X | | X | | | | | X | |
| OH1 | | | | | | | | | | | | | | | |
| OK1 | | X | X | X | X | X | X | | X | | | | | | |
| ON1 | | X | X | X | | | | | | | | | | | |
| PA1 | | X | | X | | | | X | | | | | X | | |
| QE1 | | X | X | X | | | | | | | X | X | | | |
| RI1 | | | | | | | | | | | | | | | |
| UB1 | | | | | | | | | | | | | | X | |
| UB2 | | | | | | | | | | | | | | | |
| UT1 | | | X | | | | | | | | | | | | |
| VA1 | | | | | | | | | | | | | | | |
| WA1 | | | | | | | | | | | | | | | |

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 1998

| LOCATION | DOLLAR SPOT | STRIPE SMUT | BILLBUG RATINGS | SUMMER PATCH | PERCENT | PERCENT | NECROTIC | LEAF RUST | IRON CHLOROSIS | PERCENT | WEED COUNTS | PLANT | PERCENT | PERCENT | <u>MEASUREMENTS OF SPREAD</u> | | | | | | | |
|----------|----------------|----------------|--------------------|-----------------|-----------------|-------------------|--------------|--------------|-------------------|--------------|----------------|------------------------|---------------|-----------------|-------------------------------|-------------|----------------|--------|-------|--------|-------|------|
| | | | | | SUMMER PATCH | FUNGAL DISEASE | RING SPOT | | | POA ANNUA | | HEIGHT MEASUREMENTS | PATCH JULY | PATCH AUGUST | <u>LEAF</u> | <u>SPOT</u> | <u>RATINGS</u> | LENGTH | WIDTH | LENGTH | WIDTH | |
| | | | | | | | | | | | | | | | | MAY | JUNE | AUGUST | MARCH | MARCH | NOV. | NOV. |
| AB1 | | | | | | | | | | | | | | | | | | | | | | |
| IA1 | | | | | | | | | | | | | | | | | | | | | | |
| IA2 | | | | | | | | | | | | | | | | | | | | | | |
| IL1 | | | | | | | | | | X | | | | | | | | | | | | |
| IL2 | | | | | | | | | | | | | | | | | | | | | | |
| IN1 | X | | | | | | | | | | | | | | | | | | | | | |
| KS1 | | | X | | | | | | | | | | | | | | | | | | | |
| KY1 | | | | | | X | | | | | | | X | X | | | | | | | | |
| MA1 | | | | | | | | | | X | | | | | | | | | | | | |
| MD2 | | | | | | | | | | | | | | | | | | | | | | |
| ME1 | | | | | | | | | | | | | | | | X | X | X | | | | |
| MI1 | | | | | | | | | | | | | | | | | | | | | | |
| MN1 | | | | | | | | | | | | | | | | | | | | | | |
| MO1 | | | | | | | | | | | | | | | | | | | | | | |
| MO3 | | | | | | | | | | | | | | | | | | | | | | |
| NC1 | X | | | X | | | | X | | | | | | | | | | | | | | |
| NE1 | X | | | | | | | | X | | | | | | | | | | | | | |
| NE2 | | | | | | | | | | | | | | | | | | | | | | |
| NJ1 | | | | | X | | | | | | | | | | | | | | | | | |
| NJ2 | | X | X | | | | | | | | | | | | | | | | | | | |
| OH1 | | | | | | | | | | | | X | | | | | | | | | | |
| OK1 | | | | | | | | | | | | | | | | | | | | | | |
| ON1 | | | | | | | | | | | | | | | | | | | | | | |
| PA1 | | | | | | | X | | | | | | | | | | | | | | | |
| QE1 | | | | | | | | | | | | | | | | | | | | | | |
| RI1 | | | | | | | | | | | | | | | | | | | | | | |
| UB1 | | | | | | | | | | | | | | | | | | | | | | |
| UB2 | | | | | | | | | | | | | | | | | | | X | X | X | X |
| UT1 | | | | | | | | | | | X | | | | | | | | | | | |
| VA1 | X | | | | | | | | | | | | | | | | | | | | | |
| WA1 | | | | | | | | | | | | | | | | | | | | | | |

TABLE 1. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS GROWN UNDER
MEDIUM/HIGH INPUT AT TWENTY-SEVEN LOCATIONS (FULL SUN) IN THE U.S. AND CANADA
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

| NAME | AB1 | IA1 | IL1 | IL2 | IN1 | KS1 | KY1 | MA1 | ME1 | MI1 | MN1 | MO1 | MO3 | NC1 | NE1 | NJ1 | NJ2 | OH1 | OK1 | ON1 | PA1 | QE1 | RI1 | UB1 | UT1 | VA1 | WA1 | MEAN |
|----------------------|-----|-----|------|------|-----|------|-----|------|-----|------|-----|-----|-----|------|-----|------|------|-----|-----|------|-----|-----|-----|------|-----|------|-----|------|
| LTP-620 | 6.7 | 6.0 | 4.2 | 5.7 | 5.1 | 3.5 | 5.7 | 3.2 | 6.6 | 5.1 | 5.7 | 5.8 | 6.0 | 5.0 | 5.1 | 3.3 | 4.0 | 8.0 | 6.9 | 7.4 | 5.3 | 6.7 | 3.9 | 4.5 | 5.1 | 5.0 | 6.1 | 5.4 |
| HV 242 | 7.3 | 5.4 | 3.1 | 6.1 | 5.9 | 3.6 | 5.3 | 5.9 | 6.6 | 3.7 | 5.2 | 5.3 | 6.1 | 4.0 | 5.9 | 4.0 | 4.4 | 7.9 | 6.7 | 7.1 | 2.7 | 7.0 | 5.6 | 6.0 | 4.9 | 3.8 | 5.9 | 5.4 |
| BAR VB 6820 | 7.4 | 5.7 | 3.4 | 4.1 | 5.5 | 2.9 | 3.7 | 4.2 | 8.1 | 4.8 | 5.5 | 5.0 | 6.4 | 4.1 | 5.2 | 4.4 | 6.0 | 8.0 | 5.8 | 7.9 | 2.9 | 7.5 | 4.2 | 6.0 | 6.3 | 3.0 | 7.0 | 5.4 |
| PICK-855 | 6.8 | 6.3 | 4.0 | 4.2 | 5.3 | 3.4 | 6.0 | 3.9 | 6.7 | 4.8 | 5.6 | 5.5 | 5.9 | 4.8 | 5.8 | 3.2 | 4.9 | 7.6 | 6.3 | 7.4 | 6.4 | 6.9 | 4.6 | 3.3 | 5.4 | 4.0 | 5.7 | 5.4 |
| * SIDEKICK | 6.8 | 6.3 | 3.9 | 5.6 | 4.5 | 3.0 | 7.1 | 3.0 | 6.5 | 5.3 | 5.6 | 5.0 | 6.5 | 4.5 | 4.3 | 3.7 | 4.6 | 7.9 | 6.7 | 7.6 | 4.5 | 6.8 | 4.7 | 3.7 | 4.9 | 5.9 | 5.8 | 5.4 |
| BA 81-113 | 6.9 | 6.5 | 3.2 | 4.5 | 5.0 | 3.8 | 6.5 | 3.8 | 6.6 | 5.0 | 5.3 | 5.3 | 6.8 | 4.9 | 4.7 | 2.3 | 4.0 | 8.1 | 6.5 | 6.7 | 4.8 | 6.9 | 4.9 | 3.0 | 5.7 | 5.2 | 6.6 | 5.3 |
| H86-690 | 6.7 | 7.1 | 4.0 | 3.5 | 4.9 | 3.7 | 4.9 | 3.0 | 6.4 | 5.0 | 5.5 | 4.9 | 5.7 | 4.6 | 5.3 | 2.6 | 3.9 | 8.1 | 4.9 | 6.7 | 5.9 | 7.2 | 4.6 | 3.5 | 6.0 | 4.4 | 6.1 | 5.1 |
| SRX 2205 | 6.4 | 6.6 | 3.2 | 3.5 | 5.5 | 4.4 | 4.5 | 3.2 | 5.5 | 4.6 | 5.4 | 5.4 | 5.9 | 4.0 | 5.1 | 3.3 | 4.7 | 8.1 | 5.8 | 6.6 | 5.8 | 6.5 | 5.0 | 3.2 | 5.4 | 4.8 | 5.9 | 5.1 |
| * SODNET | 6.9 | 6.7 | 3.7 | 3.9 | 4.9 | 2.9 | 3.8 | 3.2 | 7.3 | 5.0 | 5.6 | 5.3 | 6.8 | 3.9 | 5.5 | 2.2 | 4.3 | 8.0 | 5.7 | 6.8 | 5.0 | 7.6 | 3.4 | 3.8 | 5.2 | 3.7 | 6.6 | 5.1 |
| * COMPACT | 6.6 | 5.9 | 3.9 | 4.3 | 3.2 | 3.5 | 5.3 | 3.1 | 6.0 | 4.3 | 4.4 | 5.4 | 5.8 | 4.3 | 4.9 | 2.8 | 3.2 | 7.7 | 5.7 | 6.6 | 5.9 | 6.5 | 5.0 | 4.9 | 4.4 | 4.5 | 5.4 | 4.9 |
| * LIPOA | 7.2 | 6.4 | 3.5 | 3.3 | 3.4 | 3.8 | 3.5 | 4.0 | 6.4 | 4.1 | 6.0 | 5.3 | 5.6 | 4.1 | 5.1 | 2.0 | 3.6 | 8.1 | 5.8 | 6.7 | 4.3 | 7.0 | 4.3 | 5.4 | 4.9 | 3.1 | 5.7 | 4.9 |
| * PEPAYA (DP 37-192) | 7.0 | 6.2 | 3.0 | 3.8 | 4.9 | 2.5 | 2.9 | 4.9 | 5.8 | 4.2 | 5.0 | 4.3 | 5.8 | 4.3 | 4.3 | 2.5 | 4.7 | 8.1 | 5.5 | 7.7 | 3.2 | 7.2 | 3.2 | 4.4 | 5.6 | 3.4 | 6.0 | 4.8 |
| * BARUZO | 6.7 | 6.2 | 2.7 | 3.7 | 3.5 | 2.1 | 4.0 | 3.1 | 6.2 | 4.3 | 3.3 | 4.3 | 5.7 | 4.9 | 3.9 | 1.8 | 4.0 | 7.8 | 6.3 | 7.9 | 5.7 | 6.9 | 4.9 | 2.4 | 5.4 | 3.8 | 5.7 | 4.7 |
| * KENBLUE | 6.4 | 6.3 | 3.5 | 4.5 | 3.1 | 3.1 | 5.8 | 2.7 | 5.4 | 4.7 | 4.9 | 4.7 | 5.5 | 4.8 | 4.1 | 2.4 | 3.3 | 6.8 | 5.4 | 5.7 | 4.9 | 6.9 | 4.2 | 2.2 | 3.9 | 3.8 | 4.8 | 4.6 |
| LSD VALUE | 0.4 | 0.8 | 0.9 | 1.2 | 0.9 | 1.1 | 0.9 | 1.1 | 0.8 | 0.9 | 0.7 | 0.9 | 0.5 | 1.2 | 0.7 | 1.1 | 1.2 | 0.5 | 0.8 | 1.3 | 0.9 | 0.5 | 0.8 | 1.2 | 0.8 | 1.0 | 0.5 | 0.2 |
| C.V. (%) | 3.6 | 7.4 | 13.7 | 12.5 | 9.6 | 18.7 | 9.0 | 15.2 | 7.3 | 11.2 | 7.2 | 9.4 | 4.7 | 16.5 | 7.7 | 16.6 | 15.8 | 3.5 | 7.3 | 10.9 | 9.7 | 4.4 | 8.9 | 15.0 | 9.1 | 12.6 | 5.1 | 9.8 |

* COMMERCIALY AVAILABLE IN THE USA IN 1999.

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

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

TABLE 2. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR EACH MONTH GROWN UNDER MEDIUM/HIGH INPUT AT TWENTY-SEVEN LOCATIONS (FULL SUN) IN THE U.S. AND CANADA 1/ 1998 DATA

| NAME | TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/ | | | | | | | | | | | | MEAN |
|--------------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| BRILLIANT (PST-B2-42) | 5.2 | 6.3 | 5.8 | 6.4 | 6.5 | 6.4 | 6.5 | 6.4 | 6.7 | 6.9 | 6.4 | 5.2 | 6.6 |
| MIDNIGHT | 6.7 | 6.0 | 5.7 | 6.2 | 6.9 | 6.7 | 6.5 | 6.1 | 6.6 | 6.5 | 6.5 | 6.0 | 6.5 |
| LIBERATOR (ZPS-2572) | 7.2 | 5.0 | 5.8 | 6.2 | 6.6 | 6.6 | 6.5 | 6.2 | 6.6 | 6.5 | 6.2 | 6.4 | 6.5 |
| AWARD | 6.0 | 5.3 | 5.7 | 6.1 | 6.6 | 6.5 | 6.4 | 6.2 | 6.5 | 6.6 | 6.4 | 6.3 | 6.5 |
| TOTAL ECLIPSE (TCR-1738) | 5.7 | 5.7 | 5.7 | 6.3 | 6.7 | 6.6 | 6.3 | 6.1 | 6.5 | 6.4 | 6.3 | 6.1 | 6.5 |
| ODYSSEY (J-1561) | 7.2 | 6.0 | 6.0 | 6.2 | 6.6 | 6.6 | 6.3 | 6.1 | 6.3 | 6.3 | 6.2 | 5.9 | 6.4 |
| IMPACT (J-1576) | 5.8 | 5.0 | 5.5 | 6.2 | 6.5 | 6.3 | 6.3 | 6.1 | 6.5 | 6.4 | 6.2 | 6.1 | 6.4 |
| APOLLO (PST-B3-180) | 5.5 | 5.7 | 5.8 | 6.2 | 6.0 | 6.2 | 6.4 | 6.3 | 6.7 | 6.7 | 6.1 | 5.3 | 6.4 |
| NUGLADE | 6.3 | 5.7 | 5.8 | 6.3 | 6.5 | 6.4 | 6.2 | 6.0 | 6.5 | 6.4 | 6.1 | 6.1 | 6.4 |
| UNIQUE | 5.3 | 4.3 | 5.9 | 6.1 | 6.1 | 6.2 | 6.4 | 6.3 | 6.6 | 6.7 | 6.3 | 5.4 | 6.4 |
| AMERICA | 5.5 | 5.0 | 5.6 | 5.9 | 6.1 | 6.1 | 6.4 | 6.4 | 6.7 | 6.6 | 6.0 | 5.4 | 6.4 |
| SHOWCASE (PST-BO-141) | 5.0 | 4.7 | 5.5 | 5.9 | 5.9 | 6.3 | 6.4 | 6.4 | 6.6 | 6.5 | 6.4 | 5.8 | 6.4 |
| RUGBY II (MED-18) | 5.3 | 4.0 | 5.2 | 6.1 | 6.5 | 6.4 | 6.1 | 6.0 | 6.5 | 6.3 | 6.1 | 5.5 | 6.3 |
| PRINCETON 105 | 5.7 | 5.3 | 4.9 | 6.0 | 6.4 | 6.4 | 6.2 | 6.0 | 6.4 | 6.5 | 6.1 | 5.3 | 6.3 |
| BLACKSTONE (PST-638) | 5.8 | 5.3 | 6.3 | 6.1 | 6.1 | 6.3 | 6.3 | 6.1 | 6.4 | 6.3 | 6.2 | 6.3 | 6.3 |
| MOONLIGHT (PST-A418) | 6.0 | 5.0 | 4.8 | 6.3 | 6.7 | 6.3 | 6.2 | 6.1 | 6.2 | 6.1 | 5.9 | 5.9 | 6.3 |
| NORTH STAR (PST-A7-60) | 4.8 | 5.7 | 5.1 | 6.3 | 6.9 | 6.7 | 6.3 | 5.8 | 5.7 | 6.0 | 5.5 | 4.7 | 6.3 |
| QUANTUM LEAP (J-1567) | 5.7 | 4.3 | 5.5 | 6.1 | 6.4 | 6.4 | 6.1 | 5.8 | 6.2 | 6.1 | 5.8 | 5.4 | 6.2 |
| PICK 8 | 5.8 | 4.7 | 5.9 | 6.1 | 6.2 | 6.1 | 6.1 | 5.9 | 6.3 | 6.3 | 6.0 | 5.5 | 6.2 |
| ARCADIA (J-1936) | 6.2 | 6.3 | 5.9 | 6.2 | 6.4 | 6.3 | 6.1 | 5.9 | 6.0 | 5.9 | 6.0 | 5.9 | 6.2 |
| BLACKSBURG | 5.8 | 4.7 | 5.5 | 6.1 | 6.4 | 6.3 | 5.9 | 5.8 | 6.0 | 6.0 | 5.7 | 6.1 | 6.1 |
| WILDWOOD | 5.0 | 6.7 | 5.6 | 6.2 | 6.8 | 6.5 | 5.8 | 5.5 | 5.8 | 5.7 | 5.3 | 5.2 | 6.1 |
| GLADE | 4.3 | 5.3 | 5.4 | 5.9 | 6.1 | 6.3 | 6.0 | 5.7 | 6.0 | 6.0 | 6.1 | 5.7 | 6.1 |
| SERENE (PST-A7-245A) | 5.2 | 5.0 | 5.6 | 6.2 | 6.6 | 6.2 | 5.8 | 5.5 | 5.7 | 6.0 | 5.5 | 5.6 | 6.0 |
| ABSOLUTE (MED-1497) | 6.2 | 4.7 | 5.5 | 6.4 | 6.6 | 6.2 | 5.8 | 5.4 | 5.7 | 5.8 | 5.5 | 5.1 | 6.0 |
| JEFFERSON | 5.7 | 5.0 | 6.4 | 6.0 | 5.7 | 6.1 | 6.0 | 5.7 | 6.1 | 6.0 | 5.6 | 5.5 | 6.0 |
| CHAMPAGNE (LTP-621) | 5.7 | 5.0 | 6.0 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 6.0 | 6.1 | 6.3 | 6.1 | 6.0 |
| CHICAGO (J-2582) | 4.5 | 4.7 | 5.3 | 5.9 | 6.0 | 6.0 | 5.7 | 5.7 | 6.0 | 6.0 | 5.8 | 5.7 | 6.0 |
| RAMBO (J-2579) | 4.5 | 4.7 | 5.3 | 6.2 | 6.3 | 6.0 | 5.7 | 5.5 | 5.8 | 5.9 | 5.5 | 5.5 | 6.0 |
| ZPS-2183 | 6.0 | 4.0 | 5.8 | 6.2 | 6.1 | 6.2 | 6.0 | 5.7 | 5.6 | 5.6 | 5.5 | 5.3 | 6.0 |
| ECLIPSE | 6.0 | 4.3 | 5.6 | 5.9 | 6.0 | 5.9 | 5.8 | 5.7 | 6.0 | 5.9 | 5.9 | 5.5 | 6.0 |
| BAR VB 3115B | 5.7 | 4.0 | 5.0 | 6.1 | 6.2 | 6.0 | 5.6 | 5.5 | 5.7 | 6.0 | 5.8 | 5.6 | 5.9 |
| SR 2109 | 5.5 | 4.3 | 5.8 | 6.1 | 6.1 | 6.1 | 5.8 | 5.4 | 5.7 | 5.8 | 5.5 | 5.3 | 5.9 |
| EXPLORER (PICK-3561) | 5.0 | 5.0 | 5.7 | 6.2 | 6.4 | 6.0 | 5.6 | 5.5 | 5.7 | 5.8 | 5.6 | 5.5 | 5.9 |
| NUSTAR | 5.5 | 5.0 | 5.1 | 6.1 | 6.2 | 6.0 | 5.9 | 5.6 | 5.7 | 5.6 | 5.4 | 5.4 | 5.9 |
| SR 2000 | 6.3 | 5.3 | 5.5 | 6.0 | 5.9 | 5.8 | 5.7 | 5.8 | 6.0 | 5.9 | 5.3 | 4.9 | 5.9 |
| PLATINI | 5.5 | 4.7 | 5.1 | 6.3 | 6.2 | 5.8 | 5.7 | 5.6 | 5.7 | 5.7 | 5.7 | 5.3 | 5.9 |
| CHATEAU | 5.2 | 4.7 | 6.0 | 6.0 | 6.3 | 5.9 | 5.7 | 5.4 | 5.5 | 5.7 | 5.6 | 5.5 | 5.9 |
| LIMOUSINE | 5.8 | 4.7 | 4.9 | 6.4 | 6.3 | 6.0 | 5.8 | 5.3 | 5.6 | 5.6 | 5.1 | 4.7 | 5.9 |
| CONNI | 4.3 | 4.3 | 4.8 | 5.9 | 6.4 | 6.3 | 5.8 | 5.5 | 5.4 | 5.6 | 5.0 | 4.6 | 5.9 |
| NJ-GD | 6.0 | 7.0 | 6.5 | 6.1 | 6.2 | 5.9 | 5.7 | 5.4 | 5.7 | 5.6 | 5.3 | 6.2 | 5.9 |
| ALLURE | 4.5 | 5.0 | 5.8 | 6.2 | 6.2 | 6.0 | 5.8 | 5.4 | 5.5 | 5.6 | 5.4 | 5.5 | 5.9 |
| BA 81-058 | 6.2 | 6.0 | 6.5 | 5.9 | 5.9 | 5.8 | 5.6 | 5.6 | 5.9 | 6.0 | 5.5 | 5.6 | 5.9 |
| PST-P46 | 4.7 | 4.3 | 5.4 | 6.2 | 6.5 | 6.2 | 5.6 | 5.3 | 5.5 | 5.5 | 5.1 | 5.1 | 5.8 |

TABLE 2. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR EACH MONTH GROWN UNDER
(CONT'D) MEDIUM/HIGH INPUT AT TWENTY-SEVEN LOCATIONS (FULL SUN) IN THE U.S. AND CANADA
1998 DATA

| NAME | TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS | | | | | | | | | | | | |
|----------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | MEAN |
| COVENTRY | 4.8 | 5.3 | 5.8 | 6.1 | 6.1 | 5.9 | 5.7 | 5.4 | 5.5 | 5.6 | 5.6 | 5.5 | 5.8 |
| LKB-95 | 5.2 | 6.0 | 5.6 | 5.9 | 6.0 | 6.1 | 5.7 | 5.3 | 5.6 | 5.8 | 5.4 | 5.8 | 5.8 |
| ASP200 (HV 130) | 4.8 | 4.3 | 5.1 | 6.1 | 6.2 | 6.0 | 5.7 | 5.4 | 5.7 | 5.6 | 5.4 | 5.0 | 5.8 |
| SHAMROCK | 4.5 | 4.3 | 5.6 | 6.0 | 6.2 | 5.9 | 5.6 | 5.4 | 5.6 | 5.7 | 5.5 | 5.1 | 5.8 |
| NJ 1190 | 4.0 | 5.0 | 5.2 | 5.9 | 6.2 | 6.2 | 5.9 | 5.3 | 5.5 | 5.5 | 4.9 | 5.1 | 5.8 |
| BAR VB 5649 | 6.3 | 4.7 | 5.2 | 6.2 | 6.0 | 5.7 | 5.6 | 5.4 | 5.8 | 5.7 | 5.6 | 5.6 | 5.8 |
| LIVINGSTON | 5.7 | 4.7 | 5.7 | 6.1 | 5.7 | 5.8 | 5.7 | 5.5 | 5.7 | 5.9 | 5.5 | 5.5 | 5.8 |
| SEABRING (BA 79-260) | 4.0 | 4.3 | 4.9 | 5.5 | 6.2 | 6.0 | 5.7 | 5.6 | 5.6 | 5.6 | 5.0 | 5.0 | 5.8 |
| CALIBER | 5.8 | 6.7 | 6.1 | 5.8 | 5.9 | 5.6 | 5.8 | 5.6 | 5.7 | 5.8 | 5.4 | 5.1 | 5.8 |
| PST-BO-165 | 4.3 | 4.3 | 5.3 | 5.9 | 6.1 | 5.8 | 5.6 | 5.3 | 5.5 | 5.8 | 5.7 | 5.7 | 5.8 |
| BA 81-270 | 4.5 | 4.7 | 5.7 | 6.2 | 6.1 | 6.0 | 5.6 | 5.3 | 5.4 | 5.6 | 5.2 | 5.0 | 5.8 |
| BARONIE | 6.8 | 5.7 | 6.0 | 6.1 | 5.7 | 5.5 | 5.4 | 5.2 | 5.8 | 6.0 | 5.7 | 5.9 | 5.7 |
| CHALLENGER | 5.7 | 5.3 | 5.5 | 5.9 | 6.2 | 5.9 | 5.3 | 5.3 | 5.5 | 5.6 | 5.3 | 5.5 | 5.7 |
| JEWEL (BA 81-227) | 6.3 | 6.7 | 5.7 | 5.8 | 5.9 | 5.7 | 5.6 | 5.4 | 5.4 | 5.5 | 5.7 | 5.4 | 5.7 |
| ASCOT | 5.0 | 4.7 | 4.3 | 5.3 | 6.2 | 6.0 | 5.7 | 5.4 | 5.5 | 5.4 | 5.0 | 5.5 | 5.7 |
| RAVEN | 4.8 | 5.3 | 5.8 | 5.8 | 6.0 | 6.0 | 5.8 | 5.4 | 5.4 | 5.3 | 4.8 | 4.8 | 5.7 |
| FORTUNA | 4.2 | 4.7 | 5.3 | 5.7 | 5.9 | 6.0 | 5.8 | 5.3 | 5.4 | 5.3 | 5.0 | 4.7 | 5.7 |
| MARQUIS | 4.3 | 5.3 | 5.5 | 5.8 | 6.0 | 6.0 | 5.7 | 5.3 | 5.3 | 5.3 | 4.8 | 4.5 | 5.7 |
| BA 70-060 | 4.8 | 5.0 | 5.5 | 5.4 | 5.9 | 6.0 | 5.8 | 5.3 | 5.5 | 5.5 | 5.0 | 5.0 | 5.6 |
| BAR VB 233 | 5.8 | 5.3 | 5.2 | 6.1 | 5.9 | 5.6 | 5.6 | 5.3 | 5.4 | 5.5 | 5.3 | 4.7 | 5.6 |
| BA 77-702 | 4.5 | 4.3 | 5.7 | 5.6 | 6.0 | 6.0 | 5.5 | 5.3 | 5.4 | 5.3 | 5.0 | 4.9 | 5.6 |
| BA 75-490 | 5.2 | 4.3 | 5.4 | 4.9 | 4.9 | 5.6 | 5.8 | 5.7 | 5.8 | 5.8 | 5.5 | 5.4 | 5.6 |
| BA 73-373 | 4.7 | 5.7 | 6.1 | 5.5 | 5.9 | 6.0 | 5.7 | 5.3 | 5.4 | 5.3 | 4.9 | 5.1 | 5.6 |
| ABBAY | 4.2 | 4.0 | 5.6 | 5.4 | 5.9 | 5.9 | 5.6 | 5.4 | 5.6 | 5.4 | 5.1 | 5.0 | 5.6 |
| ZPS-309 | 6.2 | 4.7 | 5.6 | 5.8 | 5.8 | 5.6 | 5.3 | 5.3 | 5.5 | 5.6 | 5.4 | 5.1 | 5.6 |
| CLASSIC | 6.8 | 4.7 | 6.0 | 5.9 | 5.5 | 5.3 | 5.3 | 5.3 | 5.6 | 5.8 | 5.5 | 5.6 | 5.6 |
| NJ-54 | 4.5 | 4.3 | 5.4 | 5.5 | 5.4 | 5.7 | 5.7 | 5.4 | 5.5 | 5.6 | 5.2 | 5.2 | 5.6 |
| HAGA | 5.5 | 4.0 | 5.8 | 5.7 | 5.6 | 5.4 | 5.3 | 5.3 | 5.7 | 5.7 | 5.4 | 5.5 | 5.6 |
| BARON | 4.2 | 4.3 | 5.3 | 5.5 | 5.9 | 6.0 | 5.6 | 5.3 | 5.3 | 5.3 | 4.9 | 4.7 | 5.6 |
| BA 81-220 | 4.0 | 4.3 | 5.3 | 5.3 | 5.8 | 6.0 | 5.7 | 5.4 | 5.4 | 5.3 | 4.9 | 4.6 | 5.6 |
| BARTITIA | 3.5 | 4.3 | 4.3 | 5.6 | 6.4 | 6.2 | 5.4 | 4.8 | 5.2 | 5.3 | 4.8 | 4.5 | 5.6 |
| GOLDRUSH (BA 87-102) | 4.3 | 6.0 | 5.8 | 5.5 | 5.8 | 5.9 | 5.6 | 5.3 | 5.3 | 5.2 | 5.1 | 4.7 | 5.6 |
| ENVICTA (BA 75-173) | 4.2 | 5.0 | 5.7 | 5.6 | 5.8 | 5.9 | 5.6 | 5.2 | 5.4 | 5.3 | 4.9 | 5.1 | 5.6 |
| SR 2100 | 5.0 | 4.3 | 5.3 | 5.8 | 5.7 | 5.7 | 5.5 | 5.4 | 5.4 | 5.3 | 5.1 | 5.2 | 5.6 |
| A88-744 | 5.0 | 4.7 | 6.0 | 5.6 | 5.8 | 5.4 | 5.4 | 5.3 | 5.5 | 5.5 | 5.1 | 5.1 | 5.5 |
| MED-1580 | 4.5 | 5.0 | 5.1 | 5.4 | 5.6 | 5.9 | 5.4 | 5.1 | 5.3 | 5.3 | 5.1 | 4.7 | 5.5 |
| DRAGON (ZPS-429) | 6.2 | 4.7 | 6.0 | 5.5 | 5.2 | 5.4 | 5.6 | 5.3 | 5.4 | 5.5 | 5.2 | 5.6 | 5.5 |
| CARDIFF | 4.0 | 6.0 | 5.3 | 5.4 | 5.7 | 5.7 | 5.4 | 5.0 | 5.3 | 5.3 | 4.8 | 5.0 | 5.5 |
| BLUECHIP (MED-1991) | 4.2 | 5.7 | 5.3 | 5.6 | 5.9 | 5.7 | 5.5 | 5.2 | 5.2 | 5.1 | 4.8 | 4.9 | 5.5 |
| MISTY (BA 76-372) | 3.5 | 4.3 | 5.1 | 5.6 | 5.8 | 5.9 | 5.5 | 4.9 | 5.3 | 5.3 | 5.0 | 4.9 | 5.5 |
| J-1555 | 5.0 | 5.7 | 5.1 | 5.2 | 5.7 | 5.5 | 5.5 | 5.2 | 5.3 | 5.2 | 5.0 | 4.9 | 5.5 |
| BA 76-197 | 4.5 | 5.7 | 5.6 | 5.5 | 5.5 | 5.7 | 5.6 | 5.3 | 5.3 | 5.0 | 4.7 | 5.2 | 5.5 |
| BA 75-163 | 4.0 | 5.3 | 5.2 | 5.6 | 5.6 | 5.6 | 5.5 | 5.3 | 5.4 | 5.2 | 4.6 | 4.7 | 5.5 |
| VB 16015 | 5.3 | 6.0 | 5.4 | 5.5 | 5.5 | 5.4 | 5.2 | 5.0 | 5.4 | 5.4 | 4.9 | 5.1 | 5.4 |
| NIMBUS | 5.0 | 4.7 | 5.1 | 5.5 | 5.9 | 6.0 | 5.4 | 5.0 | 4.9 | 4.9 | 4.6 | 4.7 | 5.4 |

TABLE 2. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR EACH MONTH GROWN UNDER
(CONT'D) MEDIUM/HIGH INPUT AT TWENTY-SEVEN LOCATIONS (FULL SUN) IN THE U.S. AND CANADA
1998 DATA

| NAME | TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS | | | | | | | | | | | | MEAN |
|--------------------|---|------|------|------|------|------|------|------|------|------|------|------|------|
| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| LTP-620 | 4.8 | 4.7 | 5.9 | 5.4 | 5.3 | 5.2 | 5.2 | 5.2 | 5.4 | 5.4 | 5.2 | 5.3 | 5.4 |
| HV 242 | 5.3 | 5.0 | 4.8 | 5.8 | 5.6 | 5.2 | 5.2 | 5.0 | 5.2 | 5.4 | 5.4 | 4.9 | 5.4 |
| SIDEKICK | 5.0 | 4.7 | 5.3 | 5.1 | 5.1 | 5.4 | 5.4 | 5.2 | 5.5 | 5.5 | 5.1 | 5.3 | 5.4 |
| BAR VB 6820 | 4.5 | 4.7 | 4.2 | 5.3 | 6.3 | 6.0 | 5.2 | 4.7 | 4.9 | 4.9 | 4.5 | 4.7 | 5.4 |
| PICK-855 | 4.7 | 5.0 | 4.7 | 4.7 | 4.8 | 5.7 | 5.7 | 5.2 | 5.4 | 5.4 | 4.7 | 5.1 | 5.4 |
| BA 81-113 | 3.8 | 5.3 | 5.6 | 5.2 | 5.4 | 5.7 | 5.5 | 5.1 | 5.1 | 5.0 | 4.6 | 4.9 | 5.3 |
| H86-690 | 4.3 | 5.3 | 5.0 | 4.8 | 5.0 | 5.3 | 5.2 | 5.0 | 5.0 | 4.9 | 4.5 | 4.5 | 5.1 |
| SRX 2205 | 4.2 | 5.0 | 4.6 | 5.1 | 5.3 | 5.7 | 5.1 | 4.8 | 4.7 | 4.7 | 4.6 | 5.0 | 5.1 |
| SODNET | 3.0 | 4.0 | 4.3 | 5.3 | 5.6 | 5.5 | 5.0 | 4.5 | 4.7 | 4.9 | 4.3 | 4.2 | 5.1 |
| COMPACT | 4.2 | 4.3 | 4.8 | 4.6 | 4.8 | 5.1 | 5.0 | 4.7 | 4.8 | 4.8 | 4.7 | 4.7 | 4.9 |
| LIPOA | 3.3 | 4.0 | 4.0 | 4.7 | 5.4 | 5.4 | 4.8 | 4.4 | 4.7 | 4.5 | 4.2 | 4.3 | 4.9 |
| PEPAYA (DP 37-192) | 3.7 | 4.0 | 4.0 | 4.7 | 5.6 | 5.4 | 4.8 | 4.3 | 4.4 | 4.4 | 3.9 | 4.4 | 4.8 |
| BARUZO | 4.0 | 5.7 | 4.6 | 4.3 | 5.0 | 5.3 | 4.7 | 4.4 | 4.3 | 4.3 | 3.9 | 4.5 | 4.7 |
| KENBLUE | 3.5 | 5.3 | 4.5 | 3.8 | 3.9 | 4.5 | 4.8 | 4.6 | 4.7 | 4.9 | 4.5 | 4.7 | 4.6 |
| LSD VALUE | 1.5 | 1.8 | 1.5 | 0.6 | 0.4 | 0.5 | 0.5 | 0.6 | 0.6 | 0.5 | 0.7 | 1.0 | 0.4 |
| C.V. (%) | 26.6 | 22.7 | 33.5 | 25.8 | 23.1 | 25.0 | 29.3 | 33.8 | 32.2 | 29.2 | 31.7 | 27.5 | 22.7 |

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).

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

TABLE 3.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS GROWN UNDER
MEDIUM/HIGH INPUT AT TWENTY-SEVEN LOCATIONS (FULL SUN) IN THE U.S. AND CANADA 1/
1998 DATA

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

| NAME | AB1 | IA1 | IL1 | IL2 | IN1 | KS1 | KY1 | MA1 | ME1 | MI1 | MN1 | MO1 | MO3 |
|--------------------------|-------|------|------|------|------|------|------|------|------|-------|------|-------|------|
| BRILLIANT (PST-B2-42) | 8.0 | 6.0 | 12.0 | 4.0 | 1.0 | 3.0 | 14.0 | 2.5 | 14.0 | 47.5 | 26.5 | 34.0 | 31.0 |
| MIDNIGHT | 4.0 | 11.0 | 37.5 | 1.0 | 15.5 | 44.5 | 3.0 | 33.0 | 11.0 | 83.0 | 11.5 | 8.0 | 3.5 |
| LIBERATOR (ZPS-2572) | 13.5 | 1.5 | 62.0 | 9.0 | 44.5 | 33.5 | 17.5 | 28.0 | 8.0 | 59.0 | 14.0 | 24.5 | 3.5 |
| AWARD | 8.0 | 1.5 | 62.0 | 19.0 | 7.0 | 84.5 | 3.0 | 56.0 | 32.5 | 53.0 | 11.5 | 8.0 | 1.5 |
| TOTAL ECLIPSE (TCR-1738) | 8.0 | 14.5 | 31.5 | 2.0 | 24.5 | 68.0 | 1.0 | 16.0 | 4.0 | 85.5 | 15.0 | 1.0 | 1.5 |
| ODYSSEY (J-1561) | 47.0 | 29.0 | 31.5 | 13.5 | 29.0 | 81.0 | 12.5 | 23.5 | 2.0 | 43.5 | 34.0 | 8.0 | 5.5 |
| APOLLO (PST-B3-180) | 62.5 | 86.0 | 62.0 | 15.0 | 4.0 | 5.0 | 17.5 | 6.0 | 9.5 | 59.0 | 13.0 | 29.0 | 75.0 |
| IMPACT (J-1576) | 75.0 | 17.5 | 27.5 | 6.0 | 35.0 | 48.5 | 15.0 | 18.5 | 12.5 | 18.5 | 30.5 | 12.0 | 7.0 |
| NUGLADE | 1.0 | 35.0 | 4.0 | 20.0 | 29.0 | 88.0 | 8.0 | 18.5 | 12.5 | 50.0 | 10.0 | 37.5 | 5.5 |
| UNIQUE | 19.5 | 17.5 | 42.5 | 7.5 | 3.0 | 1.0 | 5.0 | 10.0 | 28.0 | 66.0 | 42.0 | 31.5 | 47.5 |
| AMERICA | 52.0 | 37.5 | 27.5 | 11.0 | 2.0 | 4.0 | 3.0 | 4.0 | 21.0 | 10.5 | 28.0 | 74.5 | 80.0 |
| SHOWCASE (PST-BO-141) | 47.0 | 4.0 | 31.5 | 7.5 | 6.0 | 2.0 | 7.0 | 8.0 | 45.5 | 36.0 | 86.5 | 68.0 | 61.5 |
| RUGBY II (MED-18) | 8.0 | 42.5 | 22.0 | 16.5 | 44.5 | 63.5 | 9.0 | 35.0 | 18.0 | 66.0 | 20.0 | 4.0 | 9.0 |
| PRINCETON 105 | 56.0 | 75.0 | 2.0 | 5.0 | 26.5 | 73.0 | 65.5 | 12.0 | 32.5 | 41.0 | 4.0 | 14.5 | 53.0 |
| MOONLIGHT (EST-A418) | 34.0 | 95.0 | 46.5 | 18.0 | 74.5 | 88.0 | 28.0 | 55.0 | 9.5 | 10.5 | 49.5 | 20.0 | 8.0 |
| BLACKSTONE (PST-638) | 47.0 | 61.0 | 19.5 | 16.5 | 62.5 | 9.5 | 51.0 | 66.0 | 23.5 | 92.0 | 17.0 | 3.0 | 28.0 |
| NORTH STAR (PST-A7-60) | 19.5 | 42.5 | 1.0 | 71.0 | 21.5 | 63.5 | 61.0 | 14.0 | 23.5 | 3.0 | 5.5 | 47.5 | 25.5 |
| QUANTUM LEAP (J-1567) | 8.0 | 8.0 | 52.5 | 13.5 | 66.5 | 33.5 | 10.0 | 40.5 | 21.0 | 59.0 | 49.5 | 5.5 | 10.0 |
| PICK 8 | 34.0 | 37.5 | 19.5 | 3.0 | 51.5 | 7.5 | 22.0 | 53.5 | 37.0 | 59.0 | 53.0 | 37.5 | 20.0 |
| ARCADIA (J-1936) | 28.0 | 33.0 | 84.0 | 21.5 | 80.5 | 18.5 | 17.5 | 18.5 | 36.0 | 24.0 | 42.0 | 5.5 | 12.5 |
| BLACKSBURG | 52.0 | 8.0 | 84.0 | 41.0 | 21.5 | 29.5 | 50.0 | 59.0 | 45.5 | 95.5 | 8.0 | 2.0 | 24.0 |
| WILDWOOD | 19.5 | 37.5 | 9.0 | 66.0 | 59.0 | 11.0 | 60.0 | 49.5 | 1.0 | 4.0 | 3.0 | 47.5 | 28.0 |
| GLADE | 84.5 | 78.0 | 8.0 | 44.5 | 72.0 | 39.5 | 20.5 | 31.0 | 88.0 | 16.0 | 37.5 | 10.5 | 15.5 |
| SERENE (PST-A7-245A) | 34.0 | 22.5 | 12.0 | 29.5 | 31.5 | 48.5 | 25.0 | 15.0 | 39.0 | 30.5 | 59.5 | 14.5 | 11.0 |
| ABSOLUTE (MED-1497) | 13.5 | 11.0 | 25.0 | 39.5 | 8.5 | 95.5 | 63.5 | 57.5 | 7.0 | 53.0 | 1.5 | 54.5 | 15.5 |
| JEFFERSON | 102.5 | 42.5 | 19.5 | 71.0 | 35.0 | 24.0 | 12.5 | 22.0 | 81.5 | 47.5 | 54.5 | 54.5 | 90.0 |
| CHAMPAGNE (LTP-621) | 81.0 | 82.5 | 42.5 | 32.0 | 35.0 | 21.5 | 25.0 | 52.0 | 52.5 | 13.0 | 34.0 | 29.0 | 61.5 |
| CHICAGO (J-2582) | 81.0 | 78.0 | 42.5 | 12.0 | 66.5 | 73.0 | 53.5 | 26.0 | 42.0 | 7.5 | 42.0 | 24.5 | 67.5 |
| RAMBO (J-2579) | 13.5 | 46.5 | 37.5 | 71.0 | 18.0 | 93.5 | 57.0 | 2.5 | 25.5 | 84.0 | 49.5 | 17.5 | 35.0 |
| ZPS-2183 | 62.5 | 22.5 | 74.0 | 74.5 | 78.5 | 12.5 | 83.5 | 23.5 | 68.5 | 62.0 | 8.0 | 60.0 | 56.0 |
| ECLIPSE | 91.5 | 86.0 | 6.5 | 24.5 | 15.5 | 78.5 | 25.0 | 53.5 | 39.0 | 21.0 | 42.0 | 31.5 | 72.0 |
| BAR VB 3115B | 56.0 | 3.0 | 12.0 | 10.0 | 44.5 | 52.0 | 57.0 | 11.0 | 32.5 | 36.0 | 37.5 | 24.5 | 88.5 |
| SR 2109 | 34.0 | 61.0 | 15.0 | 59.5 | 10.0 | 7.5 | 93.0 | 47.0 | 45.5 | 28.0 | 24.5 | 54.5 | 72.0 |
| EXPLORER (PICK-3561) | 24.0 | 50.0 | 12.0 | 42.5 | 83.0 | 29.5 | 40.5 | 36.0 | 45.5 | 56.0 | 86.5 | 42.0 | 47.5 |
| NUSTAR | 75.0 | 42.5 | 16.5 | 67.5 | 15.5 | 90.5 | 47.5 | 68.5 | 77.5 | 7.5 | 76.0 | 63.0 | 53.0 |
| SR 2000 | 24.0 | 54.5 | 3.0 | 48.5 | 94.0 | 14.5 | 17.5 | 25.0 | 77.5 | 47.5 | 34.0 | 81.5 | 18.0 |
| PLATINI | 19.5 | 99.5 | 93.5 | 28.0 | 51.5 | 16.0 | 77.0 | 18.5 | 30.0 | 101.5 | 73.0 | 54.5 | 58.0 |
| CHATEAU | 13.5 | 50.0 | 52.5 | 47.0 | 56.0 | 18.5 | 69.5 | 44.0 | 88.0 | 85.5 | 56.0 | 24.5 | 39.0 |
| LIMOUSINE | 2.0 | 69.5 | 56.0 | 78.0 | 15.5 | 44.5 | 90.0 | 1.0 | 5.5 | 100.0 | 24.5 | 71.0 | 80.0 |
| CONNI | 87.0 | 69.5 | 34.0 | 55.5 | 24.5 | 90.5 | 96.0 | 7.0 | 64.5 | 66.0 | 42.0 | 101.0 | 65.0 |
| NJ-GD | 52.0 | 22.5 | 62.0 | 67.5 | 8.5 | 57.0 | 44.0 | 73.0 | 49.0 | 7.5 | 20.0 | 54.5 | 80.0 |
| BA 81-058 | 62.5 | 14.5 | 49.0 | 34.0 | 35.0 | 57.0 | 6.0 | 49.5 | 39.0 | 16.0 | 76.0 | 14.5 | 21.0 |
| ALLURE | 4.0 | 42.5 | 16.5 | 32.0 | 82.0 | 97.0 | 38.0 | 38.5 | 64.5 | 24.0 | 62.0 | 17.5 | 22.0 |
| PST-P46 | 62.5 | 75.0 | 62.0 | 55.5 | 26.5 | 63.5 | 77.0 | 79.0 | 15.5 | 30.5 | 8.0 | 71.0 | 25.5 |
| LKB-95 | 52.0 | 5.0 | 12.0 | 90.0 | 76.5 | 26.0 | 67.5 | 21.0 | 70.5 | 74.5 | 34.0 | 63.0 | 91.0 |

TABLE 3.
(CONT'D)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS GROWN UNDER
MEDIUM/HIGH INPUT AT TWENTY-SEVEN LOCATIONS (FULL SUN) IN THE U.S. AND CANADA
1998 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING

| NAME | AB1 | IA1 | IL1 | IL2 | IN1 | KS1 | KY1 | MA1 | ME1 | MI1 | MN1 | MO1 | MO3 |
|----------------------|------|-------|------|-------|-------|-------|-------|-------|------|-------|-------|------|-------|
| COVENTRY | 34.0 | 14.5 | 74.0 | 50.5 | 19.5 | 57.0 | 65.5 | 32.0 | 58.0 | 43.5 | 29.0 | 54.5 | 12.5 |
| ASP200 (HV 130) | 81.0 | 73.0 | 76.5 | 53.5 | 12.0 | 6.0 | 80.0 | 9.0 | 52.5 | 47.5 | 30.5 | 20.0 | 47.5 |
| SHAMROCK | 34.0 | 22.5 | 23.5 | 42.5 | 5.0 | 63.5 | 73.0 | 49.5 | 19.0 | 79.5 | 22.0 | 81.5 | 61.5 |
| NJ 1190 | 4.0 | 14.5 | 84.0 | 95.0 | 19.5 | 77.0 | 95.0 | 5.0 | 25.5 | 1.0 | 1.5 | 84.5 | 101.0 |
| BAR VB 5649 | 26.0 | 90.0 | 93.5 | 26.5 | 39.0 | 24.0 | 88.0 | 38.5 | 84.5 | 87.5 | 67.0 | 47.5 | 83.0 |
| LIVINGSTON | 69.5 | 61.0 | 19.5 | 44.5 | 12.0 | 18.5 | 63.5 | 30.0 | 95.0 | 79.5 | 49.5 | 34.0 | 77.5 |
| SEABRING (BA 79-260) | 69.5 | 33.0 | 37.5 | 37.5 | 65.0 | 84.5 | 30.5 | 77.0 | 5.5 | 16.0 | 17.0 | 10.5 | 14.0 |
| CALIBER | 34.0 | 29.0 | 37.5 | 64.0 | 70.0 | 48.5 | 47.5 | 28.0 | 35.0 | 91.0 | 94.5 | 68.0 | 83.0 |
| PST-BO-165 | 13.5 | 37.5 | 87.0 | 24.5 | 59.0 | 24.0 | 38.0 | 28.0 | 92.0 | 74.5 | 71.5 | 20.0 | 18.0 |
| BA 81-270 | 56.0 | 22.5 | 27.5 | 26.5 | 23.0 | 73.0 | 83.5 | 72.0 | 58.0 | 30.5 | 17.0 | 74.5 | 39.0 |
| BARONIE | 62.5 | 33.0 | 46.5 | 35.0 | 35.0 | 29.5 | 53.5 | 49.5 | 73.0 | 36.0 | 46.0 | 29.0 | 87.0 |
| CHALLENGER | 28.0 | 31.0 | 66.0 | 74.5 | 29.0 | 21.5 | 40.5 | 64.0 | 28.0 | 66.0 | 34.0 | 42.0 | 44.0 |
| JEWEL (BA 81-227) | 75.0 | 54.5 | 23.5 | 29.5 | 39.0 | 18.5 | 80.0 | 85.0 | 58.0 | 77.0 | 67.0 | 78.0 | 47.5 |
| ASCOT | 75.0 | 42.5 | 96.0 | 81.0 | 68.5 | 81.0 | 80.0 | 83.0 | 28.0 | 26.5 | 23.0 | 24.5 | 44.0 |
| RAVEN | 75.0 | 53.0 | 5.0 | 71.0 | 72.0 | 84.5 | 34.0 | 60.0 | 92.0 | 2.0 | 67.0 | 37.5 | 31.0 |
| FORTUNA | 91.5 | 97.0 | 74.0 | 59.5 | 51.5 | 44.5 | 30.5 | 77.0 | 45.5 | 36.0 | 57.5 | 24.5 | 41.0 |
| MARQUIS | 41.5 | 50.0 | 37.5 | 93.0 | 44.5 | 27.0 | 47.5 | 85.0 | 64.5 | 77.0 | 49.5 | 65.5 | 35.0 |
| BA 70-060 | 41.5 | 75.0 | 31.5 | 62.0 | 51.5 | 39.5 | 34.0 | 64.0 | 77.5 | 18.5 | 81.5 | 37.5 | 31.0 |
| BAR VB 233 | 19.5 | 102.0 | 95.0 | 39.5 | 39.0 | 33.5 | 77.0 | 42.0 | 17.0 | 103.0 | 92.5 | 89.0 | 56.0 |
| BA 77-702 | 69.5 | 97.0 | 46.5 | 50.5 | 44.5 | 57.0 | 30.5 | 75.0 | 73.0 | 36.0 | 49.5 | 89.0 | 18.0 |
| BA 75-490 | 75.0 | 61.0 | 97.5 | 23.0 | 56.0 | 39.5 | 57.0 | 85.0 | 52.5 | 41.0 | 26.5 | 54.5 | 72.0 |
| BA 73-373 | 81.0 | 22.5 | 82.0 | 71.0 | 31.5 | 68.0 | 36.0 | 68.5 | 64.5 | 13.0 | 67.0 | 89.0 | 56.0 |
| ABBAY | 75.0 | 22.5 | 50.5 | 48.5 | 56.0 | 39.5 | 38.0 | 71.0 | 81.5 | 5.0 | 89.0 | 71.0 | 53.0 |
| ZPS-309 | 52.0 | 82.5 | 97.5 | 21.5 | 86.0 | 57.0 | 69.5 | 44.0 | 15.5 | 99.0 | 100.0 | 42.0 | 61.5 |
| CLASSIC | 87.0 | 29.0 | 50.5 | 79.0 | 44.5 | 68.0 | 44.0 | 57.5 | 58.0 | 66.0 | 54.5 | 60.0 | 85.5 |
| HAGA | 41.5 | 8.0 | 27.5 | 32.0 | 98.0 | 73.0 | 42.0 | 37.0 | 94.0 | 77.0 | 79.5 | 89.0 | 85.5 |
| NJ-54 | 91.5 | 61.0 | 62.0 | 37.5 | 59.0 | 39.5 | 67.5 | 81.0 | 96.5 | 66.0 | 67.0 | 47.5 | 66.0 |
| BARON | 41.5 | 22.5 | 68.5 | 80.0 | 68.5 | 78.5 | 73.0 | 91.0 | 45.5 | 24.0 | 57.5 | 63.0 | 61.5 |
| BA 81-220 | 47.0 | 80.5 | 42.5 | 82.0 | 62.5 | 33.5 | 27.0 | 88.0 | 64.5 | 45.0 | 42.0 | 68.0 | 35.0 |
| BARTITIA | 24.0 | 27.0 | 89.5 | 99.0 | 12.0 | 57.0 | 100.0 | 46.0 | 21.0 | 93.0 | 20.0 | 14.5 | 97.0 |
| GOLDRUSH (BA 87-102) | 62.5 | 50.0 | 68.5 | 59.5 | 62.5 | 9.5 | 57.0 | 97.0 | 58.0 | 71.5 | 90.5 | 34.0 | 28.0 |
| ENVICTA (BA 75-173) | 62.5 | 93.5 | 37.5 | 83.0 | 51.5 | 14.5 | 23.0 | 80.0 | 77.5 | 36.0 | 83.5 | 89.0 | 35.0 |
| SR 2100 | 91.5 | 69.5 | 6.5 | 57.0 | 91.0 | 44.5 | 62.0 | 89.0 | 99.5 | 53.0 | 67.0 | 42.0 | 44.0 |
| A88-744 | 81.0 | 61.0 | 80.0 | 36.0 | 88.5 | 84.5 | 34.0 | 68.5 | 52.5 | 21.0 | 96.0 | 96.0 | 50.0 |
| MED-1580 | 96.5 | 61.0 | 78.0 | 77.0 | 84.5 | 88.0 | 30.5 | 90.0 | 86.0 | 36.0 | 86.5 | 81.5 | 72.0 |
| DRAGON (ZPS-429) | 99.5 | 69.5 | 56.0 | 59.5 | 95.0 | 63.5 | 52.0 | 97.0 | 96.5 | 71.5 | 76.0 | 78.0 | 69.0 |
| CARDIFF | 62.5 | 61.0 | 80.0 | 94.0 | 78.5 | 100.0 | 92.0 | 34.0 | 41.0 | 13.0 | 98.0 | 74.5 | 93.0 |
| BLUECHIP (MED-1991) | 62.5 | 50.0 | 71.0 | 84.5 | 76.5 | 92.0 | 73.0 | 61.5 | 52.5 | 41.0 | 62.0 | 42.0 | 72.0 |
| J-1555 | 34.0 | 61.0 | 68.5 | 52.0 | 103.0 | 73.0 | 44.0 | 61.5 | 52.5 | 90.0 | 67.0 | 54.5 | 35.0 |
| BA 76-197 | 98.0 | 69.5 | 89.5 | 100.0 | 51.5 | 29.5 | 86.5 | 44.0 | 70.5 | 21.0 | 59.5 | 47.5 | 101.0 |
| BA 75-163 | 41.5 | 92.0 | 91.0 | 53.5 | 93.0 | 52.0 | 11.0 | 94.0 | 73.0 | 7.5 | 101.0 | 95.0 | 51.0 |
| MISTY (BA 76-372) | 28.0 | 93.5 | 56.0 | 90.0 | 44.5 | 52.0 | 86.5 | 102.0 | 61.0 | 26.5 | 5.5 | 60.0 | 76.0 |
| VB 16015 | 47.0 | 86.0 | 76.5 | 76.0 | 97.0 | 102.0 | 57.0 | 87.0 | 68.5 | 66.0 | 81.5 | 93.5 | 23.0 |
| NIMBUS | 41.5 | 61.0 | 62.0 | 87.0 | 62.5 | 63.5 | 73.0 | 68.5 | 64.5 | 53.0 | 83.5 | 65.5 | 77.5 |
| LTP-620 | 94.5 | 97.0 | 46.5 | 63.0 | 84.5 | 73.0 | 85.0 | 92.5 | 81.5 | 53.0 | 62.0 | 47.5 | 88.5 |

TABLE 3.
(CONT'D)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS GROWN UNDER
MEDIUM/HIGH INPUT AT TWENTY-SEVEN LOCATIONS (FULL SUN) IN THE U.S. AND CANADA
1998 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING

| NAME | AB1 | IA1 | IL1 | IL2 | IN1 | KS1 | KY1 | MA1 | ME1 | MI1 | MN1 | MO1 | MO3 |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| HV 242 | 19.5 | 103.0 | 101.0 | 46.0 | 44.5 | 57.0 | 90.0 | 13.0 | 84.5 | 101.5 | 94.5 | 93.5 | 83.0 |
| BAR VB 6820 | 13.5 | 101.0 | 92.0 | 92.0 | 74.5 | 98.5 | 101.0 | 64.0 | 3.0 | 81.5 | 86.5 | 97.5 | 67.5 |
| PICK-855 | 87.0 | 80.5 | 56.0 | 90.0 | 80.5 | 81.0 | 73.0 | 77.0 | 75.0 | 81.5 | 76.0 | 74.5 | 92.0 |
| SIDEKICK | 89.0 | 86.0 | 68.5 | 65.0 | 96.0 | 95.5 | 20.5 | 100.5 | 88.0 | 30.5 | 71.5 | 97.5 | 61.5 |
| BA 81-113 | 84.5 | 69.5 | 99.5 | 86.0 | 87.0 | 39.5 | 47.5 | 82.0 | 81.5 | 71.5 | 92.5 | 89.0 | 39.0 |
| H86-690 | 96.5 | 11.0 | 56.0 | 101.5 | 88.5 | 48.5 | 94.0 | 100.5 | 92.0 | 71.5 | 79.5 | 99.0 | 99.0 |
| SRX 2205 | 101.0 | 61.0 | 99.5 | 101.5 | 72.0 | 12.5 | 97.0 | 92.5 | 102.0 | 89.0 | 90.5 | 78.0 | 94.0 |
| SODNET | 69.5 | 46.5 | 80.0 | 96.0 | 91.0 | 98.5 | 99.0 | 95.0 | 32.5 | 59.0 | 76.0 | 84.5 | 42.0 |
| COMPACT | 99.5 | 99.5 | 72.0 | 88.0 | 101.0 | 73.0 | 90.0 | 99.0 | 99.5 | 94.0 | 102.0 | 81.5 | 95.0 |
| LIPOA | 34.0 | 78.0 | 87.0 | 103.0 | 100.0 | 36.0 | 102.0 | 74.0 | 90.0 | 98.0 | 42.0 | 89.0 | 101.0 |
| PEPAYA (DP 37-192) | 62.5 | 90.0 | 102.0 | 97.0 | 91.0 | 101.0 | 103.0 | 40.5 | 101.0 | 97.0 | 97.0 | 102.5 | 96.0 |
| BARUZO | 94.5 | 90.0 | 103.0 | 98.0 | 99.0 | 103.0 | 98.0 | 97.0 | 98.0 | 95.5 | 103.0 | 102.5 | 98.0 |
| KENBLUE | 102.5 | 86.0 | 87.0 | 84.5 | 102.0 | 93.5 | 82.0 | 103.0 | 103.0 | 87.5 | 99.0 | 100.0 | 103.0 |

- 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 3. (CONT'D)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS GROWN UNDER
MEDIUM/HIGH INPUT AT TWENTY-SEVEN LOCATIONS (FULL SUN) IN THE U.S. AND CANADA 1/
1998 DATA

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

| NAME | NC1 | NE1 | NJ1 | NJ2 | OH1 | OK1 | ON1 | PA1 | QE1 | RI1 | UB1 | UT1 | VA1 | WA1 | MEAN |
|--------------------------|------|------|------|------|-------|------|-------|------|-------|------|------|-------|------|-------|------|
| BRILLIANT (PST-B2-42) | 14.5 | 15.0 | 14.5 | 27.5 | 20.5 | 28.0 | 66.0 | 4.0 | 41.5 | 28.5 | 2.0 | 44.5 | 9.0 | 20.0 | 1 |
| MIDNIGHT | 11.0 | 37.5 | 3.5 | 3.0 | 4.0 | 4.0 | 79.5 | 84.5 | 5.5 | 4.5 | 15.0 | 5.5 | 25.0 | 1.0 | 2 |
| LIBERATOR (ZPS-2572) | 5.5 | 2.0 | 3.5 | 4.0 | 1.5 | 7.0 | 30.0 | 68.5 | 25.0 | 19.5 | 13.5 | 17.0 | 6.0 | 7.5 | 3 |
| AWARD | 24.0 | 9.0 | 6.5 | 7.0 | 7.0 | 2.5 | 67.5 | 40.5 | 5.5 | 2.0 | 10.0 | 9.5 | 13.0 | 11.0 | 4 |
| TOTAL ECLIPSE (TCR-1738) | 22.5 | 5.0 | 22.5 | 5.0 | 10.0 | 6.0 | 85.5 | 82.5 | 17.0 | 38.5 | 6.5 | 2.0 | 53.5 | 3.0 | 5 |
| ODYSSEY (J-1561) | 12.0 | 18.0 | 2.0 | 25.0 | 15.0 | 5.0 | 47.0 | 60.5 | 14.5 | 11.0 | 5.0 | 9.5 | 43.0 | 13.0 | 6 |
| APOLLO (PST-B3-180) | 44.5 | 27.0 | 27.0 | 33.0 | 10.0 | 22.0 | 15.5 | 8.0 | 61.5 | 19.5 | 4.0 | 12.0 | 16.0 | 34.5 | 7 |
| IMPACT (J-1576) | 55.0 | 3.5 | 21.0 | 19.5 | 7.0 | 1.0 | 91.5 | 68.5 | 17.0 | 17.5 | 6.5 | 3.0 | 25.0 | 6.0 | 8 |
| NUGLADE | 29.5 | 9.0 | 8.0 | 8.5 | 15.0 | 2.5 | 91.5 | 82.5 | 17.0 | 43.5 | 8.5 | 9.5 | 17.0 | 7.5 | 9 |
| UNIQUE | 85.0 | 12.0 | 33.5 | 27.5 | 43.5 | 35.0 | 98.0 | 6.0 | 20.0 | 56.5 | 8.5 | 26.0 | 4.0 | 25.0 | 10 |
| AMERICA | 81.0 | 21.5 | 18.5 | 19.5 | 27.0 | 20.0 | 59.5 | 10.0 | 52.5 | 48.0 | 11.5 | 30.5 | 13.0 | 48.5 | 11 |
| SHOWCASE (PST-BO-141) | 62.0 | 29.5 | 24.5 | 37.0 | 7.0 | 35.0 | 63.0 | 16.0 | 9.5 | 24.5 | 21.5 | 23.0 | 5.0 | 18.0 | 12 |
| RUGBY II (MED-18) | 96.5 | 3.5 | 14.5 | 50.5 | 4.0 | 8.0 | 19.5 | 90.0 | 5.5 | 14.0 | 11.5 | 9.5 | 22.0 | 4.0 | 13 |
| PRINCETON 105 | 18.5 | 41.5 | 1.0 | 11.0 | 27.0 | 66.0 | 47.0 | 15.0 | 31.0 | 11.0 | 36.0 | 17.0 | 91.0 | 15.5 | 14 |
| MOONLIGHT (PST-A418) | 59.0 | 41.5 | 6.5 | 6.0 | 74.5 | 28.0 | 61.0 | 25.0 | 1.0 | 11.0 | 30.5 | 13.0 | 1.0 | 2.0 | 15 |
| BLACKSTONE (PST-638) | 2.0 | 24.0 | 11.5 | 16.0 | 58.5 | 16.0 | 38.0 | 35.0 | 9.5 | 3.0 | 53.0 | 27.5 | 2.0 | 30.0 | 16 |
| NORTH STAR (PST-A7-60) | 29.5 | 58.0 | 16.0 | 61.0 | 85.5 | 22.0 | 50.5 | 1.0 | 47.5 | 1.0 | 56.0 | 1.0 | 92.0 | 15.5 | 17 |
| QUANTUM LEAP (J-1567) | 72.0 | 15.0 | 35.5 | 23.5 | 1.5 | 12.5 | 41.5 | 74.0 | 2.0 | 22.5 | 16.0 | 7.0 | 62.0 | 30.0 | 18 |
| PICK 8 | 90.0 | 21.5 | 5.0 | 27.5 | 92.0 | 9.0 | 65.0 | 17.5 | 61.5 | 17.5 | 51.5 | 14.5 | 40.0 | 22.0 | 19 |
| ARCADIA (J-1936) | 8.0 | 21.5 | 41.0 | 72.5 | 27.0 | 10.0 | 63.0 | 79.0 | 25.0 | 16.0 | 19.0 | 5.5 | 8.0 | 9.0 | 20 |
| BLACKSBURG | 52.0 | 6.5 | 13.0 | 10.0 | 95.0 | 12.5 | 101.0 | 11.0 | 14.5 | 7.5 | 40.0 | 23.0 | 38.5 | 20.0 | 21 |
| WILDWOOD | 9.0 | 54.5 | 56.0 | 33.0 | 58.5 | 24.5 | 76.0 | 5.0 | 36.0 | 40.5 | 60.0 | 44.5 | 67.0 | 5.0 | 22 |
| GLADE | 29.5 | 76.0 | 20.0 | 69.0 | 43.5 | 31.5 | 94.5 | 30.0 | 61.5 | 7.5 | 24.5 | 4.0 | 51.5 | 25.0 | 23 |
| SERENE (PST-A7-245A) | 62.0 | 15.0 | 45.5 | 59.5 | 20.5 | 44.0 | 10.0 | 17.5 | 69.5 | 63.0 | 47.5 | 66.5 | 46.0 | 75.0 | 24 |
| ABSOLUTE (MED-1497) | 40.5 | 13.0 | 53.5 | 69.0 | 35.0 | 11.0 | 70.5 | 54.0 | 31.0 | 60.0 | 28.0 | 27.5 | 60.0 | 11.0 | 25 |
| JEFFERSON | 34.0 | 41.5 | 9.0 | 2.0 | 58.5 | 60.0 | 26.5 | 23.0 | 84.0 | 9.0 | 54.5 | 79.0 | 34.5 | 62.0 | 26 |
| CHAMPAGNE (LTP-621) | 47.0 | 41.5 | 27.0 | 54.0 | 85.5 | 69.5 | 6.0 | 46.0 | 25.0 | 35.0 | 40.0 | 44.5 | 3.0 | 67.0 | 27 |
| CHICAGO (J-2582) | 77.0 | 32.0 | 69.0 | 41.0 | 15.0 | 14.0 | 63.0 | 72.0 | 52.5 | 40.5 | 20.0 | 19.0 | 34.5 | 30.0 | 28 |
| RAMBO (J-2579) | 78.0 | 6.5 | 65.5 | 39.0 | 85.5 | 39.5 | 79.5 | 14.0 | 94.0 | 65.5 | 3.0 | 89.5 | 74.5 | 80.0 | 29 |
| ZPS-2183 | 91.0 | 49.5 | 11.5 | 14.0 | 43.5 | 54.5 | 84.0 | 20.5 | 61.5 | 6.0 | 54.5 | 38.0 | 13.0 | 30.0 | 30 |
| ECLIPSE | 44.5 | 68.0 | 17.0 | 55.0 | 43.5 | 24.5 | 41.5 | 27.0 | 88.0 | 60.0 | 29.0 | 58.0 | 34.5 | 60.0 | 31 |
| BAR VB 3115B | 94.5 | 46.5 | 22.5 | 57.0 | 85.5 | 87.5 | 15.5 | 19.0 | 101.5 | 75.5 | 21.5 | 100.0 | 43.0 | 100.0 | 32 |
| SR 2109 | 88.5 | 49.5 | 43.5 | 1.0 | 74.5 | 87.5 | 91.5 | 2.0 | 92.0 | 30.5 | 67.0 | 20.5 | 56.5 | 56.0 | 33 |
| EXPLORER (PICK-3561) | 17.0 | 28.0 | 57.5 | 41.0 | 74.5 | 22.0 | 13.0 | 38.0 | 20.0 | 60.0 | 13.5 | 58.0 | 71.5 | 64.5 | 34 |
| NUSTAR | 18.5 | 51.5 | 27.0 | 44.0 | 74.5 | 48.5 | 23.5 | 27.0 | 36.0 | 56.5 | 40.0 | 25.0 | 30.0 | 62.0 | 35 |
| SR 2000 | 37.5 | 63.5 | 35.5 | 91.0 | 27.0 | 15.0 | 35.0 | 63.5 | 77.0 | 42.0 | 49.5 | 70.5 | 22.0 | 58.5 | 36 |
| PLATINI | 40.5 | 11.0 | 10.0 | 30.0 | 95.0 | 60.0 | 53.5 | 72.0 | 47.5 | 4.5 | 26.5 | 66.5 | 89.5 | 37.0 | 37 |
| CHATEAU | 29.5 | 29.5 | 69.0 | 19.5 | 15.0 | 48.5 | 1.0 | 42.0 | 41.5 | 24.5 | 65.5 | 84.5 | 78.5 | 56.0 | 38 |
| LIMOUSINE | 47.0 | 9.0 | 24.5 | 69.0 | 85.5 | 85.5 | 13.0 | 30.0 | 88.0 | 70.0 | 1.0 | 99.0 | 95.0 | 101.0 | 39 |
| CONNI | 99.0 | 25.5 | 48.5 | 14.0 | 35.0 | 85.5 | 44.5 | 3.0 | 101.5 | 13.0 | 18.0 | 40.5 | 87.0 | 53.0 | 40 |
| NJ-GD | 1.0 | 25.5 | 53.5 | 19.5 | 58.5 | 66.0 | 56.0 | 20.5 | 56.0 | 28.5 | 87.0 | 96.0 | 37.0 | 50.5 | 41 |
| BA 81-058 | 32.0 | 78.0 | 38.0 | 19.5 | 58.5 | 17.0 | 79.5 | 98.0 | 31.0 | 89.0 | 71.5 | 75.0 | 51.5 | 43.0 | 42 |
| ALLURE | 33.0 | 34.5 | 60.0 | 50.5 | 27.0 | 48.5 | 26.5 | 36.5 | 77.0 | 32.0 | 68.0 | 94.0 | 74.5 | 56.0 | 43 |
| PST-P46 | 55.0 | 72.5 | 41.0 | 50.5 | 15.0 | 42.0 | 94.5 | 9.0 | 12.5 | 49.5 | 76.5 | 33.0 | 71.5 | 23.0 | 44 |
| LKB-95 | 3.0 | 54.5 | 75.0 | 23.5 | 100.0 | 96.0 | 2.0 | 13.0 | 47.5 | 37.0 | 51.5 | 49.0 | 25.0 | 75.0 | 45 |

TABLE 3. (CONT'D)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS GROWN UNDER
MEDIUM/HIGH INPUT AT TWENTY-SEVEN LOCATIONS (FULL SUN) IN THE U.S. AND CANADA
1998 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING

| NAME | NC1 | NE1 | NJ1 | NJ2 | OH1 | OK1 | ON1 | PA1 | QE1 | RI1 | UB1 | UT1 | VA1 | WA1 | MEAN |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| HV 242 | 99.0 | 32.0 | 59.0 | 74.0 | 85.5 | 48.5 | 67.5 | 103.0 | 56.0 | 45.5 | 23.0 | 89.5 | 95.0 | 91.0 | 91 |
| BAR VB 6820 | 88.5 | 76.0 | 43.5 | 8.5 | 74.5 | 97.0 | 8.0 | 102.0 | 12.5 | 97.5 | 26.5 | 14.5 | 103.0 | 15.5 | 92 |
| PICK-855 | 37.5 | 41.5 | 89.0 | 50.5 | 100.0 | 84.0 | 50.5 | 24.0 | 77.0 | 91.5 | 93.0 | 49.0 | 93.0 | 94.0 | 93 |
| SIDEKICK | 57.0 | 101.0 | 71.0 | 66.5 | 85.5 | 54.5 | 35.0 | 98.0 | 88.0 | 89.0 | 88.0 | 91.0 | 7.0 | 93.0 | 94 |
| BA 81-113 | 27.0 | 98.0 | 99.0 | 80.0 | 58.5 | 71.0 | 88.0 | 92.5 | 69.5 | 85.5 | 98.0 | 35.5 | 47.5 | 40.0 | 95 |
| H86-690 | 50.0 | 72.5 | 94.0 | 84.5 | 58.5 | 103.0 | 91.5 | 40.5 | 41.5 | 94.0 | 92.0 | 23.0 | 85.0 | 72.5 | 96 |
| SRX 2205 | 96.5 | 83.5 | 86.0 | 59.5 | 58.5 | 94.5 | 96.5 | 46.0 | 99.5 | 75.5 | 95.0 | 49.0 | 64.0 | 89.5 | 97 |
| SODNET | 101.0 | 61.0 | 100.0 | 75.0 | 74.5 | 98.0 | 79.5 | 88.5 | 5.5 | 102.0 | 83.0 | 66.5 | 100.0 | 40.0 | 98 |
| COMPACT | 81.0 | 96.5 | 91.0 | 102.0 | 97.5 | 99.0 | 96.5 | 39.0 | 103.0 | 73.0 | 58.0 | 101.0 | 83.0 | 102.0 | 99 |
| LIPOA | 92.5 | 83.5 | 101.5 | 91.0 | 58.5 | 94.5 | 85.5 | 100.0 | 56.0 | 96.0 | 37.0 | 87.5 | 102.0 | 96.0 | 100 |
| PEPAYA (DP 37-192) | 85.0 | 100.0 | 96.5 | 62.5 | 58.5 | 101.0 | 19.5 | 101.0 | 41.5 | 103.0 | 75.0 | 40.5 | 101.0 | 80.0 | 101 |
| BARUZO | 25.0 | 103.0 | 103.0 | 80.0 | 92.0 | 80.0 | 11.0 | 51.5 | 77.0 | 79.5 | 102.0 | 49.0 | 95.0 | 96.0 | 102 |
| KENBLUE | 35.0 | 102.0 | 98.0 | 100.5 | 103.0 | 102.0 | 103.0 | 91.0 | 77.0 | 97.5 | 103.0 | 103.0 | 97.5 | 103.0 | 103 |

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 FOR EACH MONTH GROWN UNDER MEDIUM/HIGH INPUT (DENSE SHADE) AT SILVER SPRING, MD 1/ 1998 DATA

| NAME | TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/ | | | | | | | | |
|--------------------------|--|-----|-----|-----|-----|-----|-----|-----|------|
| | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | MEAN |
| COMPACT | 4.7 | 5.3 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.8 |
| AMERICA | 3.7 | 4.7 | 5.0 | 5.0 | 5.3 | 4.7 | 4.7 | 4.3 | 4.7 |
| LIBERATOR (ZPS-2572) | 4.0 | 5.0 | 4.7 | 4.7 | 5.3 | 5.0 | 4.0 | 3.3 | 4.5 |
| PRINCETON 105 | 3.7 | 4.7 | 4.3 | 4.3 | 5.0 | 4.7 | 4.3 | 4.7 | 4.5 |
| CHATEAU | 3.7 | 4.7 | 4.3 | 4.7 | 4.7 | 4.7 | 4.0 | 4.3 | 4.4 |
| COVENTRY | 3.7 | 4.7 | 4.3 | 4.7 | 5.0 | 4.7 | 4.3 | 3.7 | 4.4 |
| MOONLIGHT (PST-A418) | 3.3 | 4.7 | 4.3 | 4.3 | 5.0 | 5.0 | 4.3 | 4.0 | 4.4 |
| QUANTUM LEAP (J-1567) | 3.7 | 4.3 | 4.3 | 4.3 | 5.3 | 4.7 | 4.3 | 4.0 | 4.4 |
| BAR VB 3115B | 3.3 | 4.7 | 4.3 | 4.3 | 5.0 | 4.7 | 4.3 | 4.0 | 4.3 |
| BRILLIANT (PST-B2-42) | 3.7 | 4.7 | 4.0 | 4.0 | 5.0 | 4.7 | 4.3 | 4.0 | 4.3 |
| SHOWCASE (PST-BO-141) | 3.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.7 | 4.3 |
| SR 2000 | 4.0 | 4.7 | 4.3 | 4.0 | 4.3 | 4.3 | 4.0 | 4.0 | 4.2 |
| UNIQUE | 3.7 | 4.3 | 4.0 | 4.0 | 4.7 | 4.3 | 4.7 | 4.0 | 4.2 |
| IMPACT (J-1576) | 3.7 | 4.3 | 4.0 | 4.3 | 5.0 | 4.3 | 4.0 | 3.7 | 4.2 |
| NUGLADE | 3.7 | 4.7 | 3.7 | 4.3 | 5.0 | 4.7 | 3.7 | 3.7 | 4.2 |
| ASCOT | 3.3 | 4.3 | 4.0 | 4.0 | 4.7 | 4.7 | 4.0 | 4.0 | 4.1 |
| CALIBER | 3.7 | 4.3 | 4.3 | 4.0 | 5.0 | 4.3 | 4.0 | 3.3 | 4.1 |
| CHICAGO (J-2582) | 3.7 | 4.7 | 4.0 | 3.7 | 4.3 | 4.3 | 4.0 | 4.3 | 4.1 |
| APOLLO (PST-B3-180) | 3.3 | 4.0 | 4.0 | 3.7 | 4.7 | 4.3 | 4.3 | 4.3 | 4.1 |
| BAR VB 5649 | 3.7 | 4.0 | 4.0 | 4.0 | 4.7 | 4.3 | 4.0 | 3.3 | 4.0 |
| LTP-620 | 4.0 | 4.7 | 4.0 | 4.0 | 4.0 | 3.7 | 3.7 | 4.0 | 4.0 |
| PLATINI | 3.7 | 4.3 | 4.0 | 4.0 | 4.7 | 4.0 | 4.0 | 3.3 | 4.0 |
| BA 81-270 | 3.7 | 4.0 | 3.7 | 3.7 | 4.3 | 4.3 | 4.0 | 4.0 | 4.0 |
| CHAMPAGNE (LTP-621) | 3.7 | 4.3 | 4.0 | 4.0 | 4.3 | 4.3 | 3.7 | 3.3 | 4.0 |
| RUGBY II (MED-18) | 3.3 | 4.3 | 3.7 | 4.0 | 4.3 | 4.0 | 4.0 | 4.0 | 4.0 |
| TOTAL ECLIPSE (TCR-1738) | 3.7 | 4.3 | 4.0 | 4.0 | 5.0 | 4.0 | 3.7 | 3.0 | 4.0 |
| PST-P46 | 3.3 | 4.0 | 4.0 | 4.0 | 4.3 | 4.0 | 4.0 | 3.7 | 3.9 |
| HAGA | 3.7 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.7 | 3.7 | 3.9 |
| BA 81-058 | 3.7 | 4.0 | 3.7 | 3.7 | 3.7 | 3.7 | 4.0 | 4.3 | 3.8 |
| ZPS-309 | 3.7 | 4.7 | 4.0 | 3.7 | 4.3 | 3.7 | 3.7 | 3.0 | 3.8 |
| EXPLORER (PICK-3561) | 3.7 | 4.0 | 3.7 | 3.7 | 4.0 | 4.0 | 3.7 | 3.7 | 3.8 |
| GLADE | 3.3 | 4.0 | 3.7 | 3.7 | 4.0 | 4.0 | 4.0 | 3.7 | 3.8 |
| MISTY (BA 76-372) | 3.7 | 3.7 | 4.0 | 3.7 | 3.7 | 3.7 | 4.0 | 4.0 | 3.8 |
| PST-BO-165 | 3.3 | 4.0 | 3.7 | 3.7 | 3.7 | 3.7 | 4.0 | 4.3 | 3.8 |
| SIDEKICK | 3.3 | 4.0 | 4.0 | 3.7 | 4.0 | 4.0 | 3.7 | 3.7 | 3.8 |
| BLUECHIP (MED-1991) | 3.7 | 4.0 | 3.7 | 4.0 | 4.3 | 4.0 | 3.3 | 3.0 | 3.8 |
| LIVINGSTON | 3.3 | 3.7 | 3.7 | 3.7 | 4.0 | 4.0 | 4.0 | 3.7 | 3.8 |
| LKB-95 | 3.7 | 4.3 | 3.7 | 3.3 | 3.3 | 3.3 | 4.0 | 4.3 | 3.8 |
| ABBHEY | 3.7 | 4.0 | 3.7 | 3.3 | 3.7 | 3.7 | 4.0 | 3.7 | 3.7 |
| SR 2109 | 3.3 | 3.7 | 3.3 | 3.3 | 3.7 | 3.7 | 4.3 | 4.3 | 3.7 |
| SRX 2205 | 3.7 | 4.0 | 3.3 | 3.7 | 3.7 | 3.7 | 4.0 | 3.7 | 3.7 |
| ABSOLUTE (MED-1497) | 3.3 | 4.0 | 3.3 | 3.7 | 4.0 | 4.0 | 3.7 | 3.3 | 3.7 |
| AWARD | 3.3 | 3.7 | 3.7 | 3.7 | 4.3 | 4.0 | 3.3 | 3.3 | 3.7 |
| ECLIPSE | 3.3 | 3.7 | 3.7 | 3.3 | 3.7 | 3.7 | 3.7 | 4.3 | 3.7 |

TABLE 4. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR EACH MONTH GROWN UNDER
(CONT'D) MEDIUM/HIGH INPUT (DENSE SHADE) AT SILVER SPRING, MD
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS

| NAME | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | MEAN |
|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|
| MED-1580 | 3.0 | 4.0 | 3.7 | 4.0 | 4.0 | 4.0 | 3.3 | 3.3 | 3.7 |
| SERENE (PST-A7-245A) | 3.3 | 3.7 | 3.7 | 3.7 | 4.0 | 4.0 | 3.7 | 3.3 | 3.7 |
| CHALLENGER | 3.7 | 4.0 | 3.3 | 3.3 | 3.7 | 3.3 | 4.0 | 3.7 | 3.6 |
| RAMBO (J-2579) | 3.3 | 3.7 | 3.3 | 3.7 | 3.7 | 3.7 | 3.7 | 4.0 | 3.6 |
| GOLDRUSH (BA 87-102) | 3.3 | 3.7 | 3.3 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.6 |
| ALLURE | 2.7 | 3.7 | 3.3 | 3.7 | 4.0 | 3.7 | 3.7 | 3.7 | 3.5 |
| SEABRING (BA 79-260) | 3.0 | 3.7 | 3.3 | 3.7 | 4.0 | 3.7 | 3.7 | 3.3 | 3.5 |
| PICK 8 | 3.3 | 3.7 | 3.3 | 3.7 | 3.7 | 3.3 | 3.3 | 3.7 | 3.5 |
| JEFFERSON | 3.0 | 3.7 | 3.0 | 3.3 | 3.7 | 3.7 | 3.7 | 3.7 | 3.5 |
| PICK-855 | 3.3 | 4.0 | 3.3 | 3.7 | 3.7 | 3.7 | 3.0 | 3.0 | 3.5 |
| SHAMROCK | 3.3 | 3.7 | 3.7 | 3.7 | 4.0 | 3.7 | 3.0 | 2.7 | 3.5 |
| CONNI | 3.3 | 3.7 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.7 | 3.4 |
| LIPOA | 3.3 | 3.7 | 3.7 | 3.0 | 3.3 | 3.7 | 3.3 | 3.3 | 3.4 |
| CARDIFF | 3.3 | 3.7 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.4 |
| CLASSIC | 3.3 | 3.7 | 3.0 | 3.3 | 3.7 | 3.3 | 3.3 | 3.3 | 3.4 |
| WILDWOOD | 3.3 | 3.7 | 3.0 | 3.3 | 3.7 | 3.7 | 3.3 | 3.0 | 3.4 |
| ENVICTA (BA 75-173) | 3.7 | 3.7 | 3.0 | 3.3 | 3.3 | 3.3 | 3.3 | 3.0 | 3.3 |
| JEWEL (BA 81-227) | 3.3 | 3.3 | 3.0 | 3.3 | 3.3 | 3.3 | 3.3 | 3.7 | 3.3 |
| NORTH STAR (PST-A7-60) | 3.0 | 3.3 | 3.3 | 3.3 | 3.7 | 3.3 | 3.3 | 3.3 | 3.3 |
| EA 76-197 | 3.3 | 3.7 | 3.0 | 3.0 | 3.0 | 3.0 | 3.3 | 4.0 | 3.3 |
| HV 242 | 3.0 | 3.7 | 3.3 | 3.0 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 |
| NJ-GD | 3.3 | 3.3 | 3.3 | 3.3 | 3.7 | 3.3 | 3.0 | 2.7 | 3.3 |
| EA 70-060 | 3.3 | 3.3 | 3.0 | 3.3 | 3.3 | 3.3 | 3.0 | 3.0 | 3.2 |
| J-1555 | 3.0 | 3.7 | 2.7 | 3.0 | 3.7 | 3.3 | 3.3 | 3.0 | 3.2 |
| A88-744 | 3.0 | 3.3 | 3.0 | 3.3 | 3.3 | 3.3 | 3.0 | 2.7 | 3.1 |
| ARCADIA (J-1936) | 3.0 | 3.3 | 3.3 | 3.3 | 3.7 | 3.0 | 2.7 | 2.7 | 3.1 |
| EA 77-702 | 3.0 | 3.3 | 3.3 | 3.0 | 3.3 | 3.3 | 3.0 | 2.7 | 3.1 |
| NUSTAR | 3.3 | 3.3 | 2.7 | 2.7 | 2.7 | 3.0 | 3.3 | 4.0 | 3.1 |
| BLACKSTONE (PST-638) | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.3 | 3.3 | 3.1 |
| MARQUIS | 3.0 | 3.3 | 3.3 | 3.3 | 3.7 | 3.0 | 2.7 | 2.3 | 3.1 |
| EA 75-163 | 3.0 | 3.3 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| NJ-54 | 3.3 | 3.3 | 3.0 | 2.7 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| PEPAYA (DP 37-192) | 3.3 | 3.3 | 3.3 | 2.7 | 3.0 | 3.0 | 3.0 | 2.7 | 3.0 |
| LIMOUSINE | 3.7 | 3.3 | 2.7 | 2.7 | 2.7 | 2.7 | 3.0 | 3.3 | 3.0 |
| NIMBUS | 3.3 | 3.3 | 3.0 | 2.7 | 2.7 | 2.7 | 3.0 | 2.7 | 2.9 |
| VB 16015 | 2.7 | 3.3 | 3.0 | 3.0 | 3.0 | 3.0 | 2.7 | 2.7 | 2.9 |
| BAR VB 233 | 3.0 | 3.0 | 3.0 | 3.0 | 3.3 | 3.0 | 2.3 | 2.3 | 2.9 |
| ODYSSEY (J-1561) | 2.3 | 2.7 | 2.7 | 2.7 | 3.0 | 3.0 | 3.0 | 3.7 | 2.9 |
| EA 75-490 | 3.3 | 3.3 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.8 |
| NJ 1190 | 3.7 | 3.7 | 3.0 | 2.7 | 2.7 | 2.7 | 2.3 | 2.0 | 2.8 |
| ZPS-2183 | 3.3 | 3.3 | 2.7 | 2.7 | 3.0 | 2.7 | 2.7 | 2.3 | 2.8 |
| ASP200 (HV 130) | 2.7 | 3.0 | 2.7 | 2.7 | 3.0 | 3.0 | 2.7 | 2.7 | 2.8 |
| MIDNIGHT | 3.0 | 3.0 | 2.7 | 2.7 | 3.0 | 3.0 | 2.7 | 2.3 | 2.8 |
| SR 2100 | 3.0 | 3.0 | 2.3 | 2.7 | 2.7 | 2.7 | 2.7 | 3.0 | 2.8 |
| BARTITIA | 3.0 | 3.0 | 2.7 | 2.7 | 3.0 | 2.7 | 2.7 | 2.0 | 2.7 |

TABLE 4. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR EACH MONTH GROWN UNDER
(CONT'D) MEDIUM/HIGH INPUT (DENSE SHADE) AT SILVER SPRING, MD
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS

| NAME | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | MEAN |
|------------------|------|------|------|------|------|------|------|------|------|
| BARUZO | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 1.7 | 2.7 |
| FORTUNA | 2.7 | 3.0 | 2.7 | 2.7 | 3.0 | 3.0 | 2.7 | 2.0 | 2.7 |
| KENBLUE | 3.3 | 3.3 | 2.3 | 2.3 | 2.0 | 2.7 | 2.7 | 3.0 | 2.7 |
| BLACKSBURG | 2.7 | 3.0 | 2.3 | 2.7 | 3.0 | 3.0 | 2.3 | 2.3 | 2.7 |
| H86-690 | 3.0 | 3.0 | 2.3 | 2.3 | 2.3 | 2.7 | 2.7 | 3.0 | 2.7 |
| BARONIE | 2.7 | 3.0 | 2.3 | 2.3 | 2.7 | 2.7 | 2.3 | 2.3 | 2.5 |
| BA 81-220 | 2.3 | 2.3 | 2.3 | 2.3 | 2.7 | 2.3 | 2.7 | 2.7 | 2.5 |
| SODNET | 3.0 | 3.0 | 2.3 | 2.3 | 2.0 | 2.3 | 2.3 | 2.3 | 2.5 |
| BA 73-373 | 2.7 | 2.7 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.4 |
| BA 81-113 | 2.7 | 2.7 | 2.0 | 2.3 | 2.3 | 2.3 | 2.3 | 2.7 | 2.4 |
| BARON | 2.7 | 2.7 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.4 |
| BAR VB 6820 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.0 | 2.3 |
| DRAGON (ZPS-429) | 2.7 | 2.7 | 2.3 | 2.0 | 2.0 | 2.0 | 2.0 | 2.3 | 2.3 |
| RAVEN | 2.3 | 2.3 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.7 | 2.0 |
| LSD VALUE | 1.3 | 1.6 | 1.6 | 1.6 | 1.9 | 1.7 | 1.7 | 1.8 | 1.5 |
| C.V. (%) | 24.8 | 26.8 | 29.3 | 29.5 | 31.7 | 29.8 | 30.7 | 33.1 | 26.9 |

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

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

TABLE 5. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR EACH MONTH GROWN UNDER MEDIUM/HIGH INPUT (ENTOMOLOGY STUDY) AT MEAD, NE 1/ 1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/

| NAME | MAY | JUN | JUL | AUG | SEP | MEAN |
|-----------------------|-----|-----|-----|-----|-----|------|
| PICK 8 | 7.0 | 6.3 | 7.7 | 6.3 | 7.3 | 6.9 |
| BRILLIANT (PST-B2-42) | 7.3 | 7.0 | 7.0 | 6.0 | 7.3 | 6.9 |
| MOONLIGHT (PST-A418) | 8.0 | 6.7 | 7.0 | 6.3 | 6.3 | 6.9 |
| NJ 1190 | 7.7 | 7.0 | 6.7 | 6.0 | 7.0 | 6.9 |
| UNIQUE | 7.0 | 6.7 | 7.0 | 6.3 | 7.3 | 6.9 |
| ABSOLUTE (MED-1497) | 7.7 | 7.0 | 7.3 | 5.7 | 6.3 | 6.8 |
| ASP200 (HV 130) | 7.3 | 7.3 | 7.0 | 6.3 | 6.0 | 6.8 |
| SHOWCASE (PST-BO-141) | 7.7 | 7.0 | 7.0 | 5.7 | 6.7 | 6.8 |
| APOLLO (PST-B3-180) | 7.7 | 6.7 | 6.7 | 6.0 | 6.7 | 6.7 |
| BA 73-373 | 6.7 | 7.0 | 7.0 | 6.0 | 7.0 | 6.7 |
| BARTITIA | 7.0 | 7.0 | 7.0 | 6.0 | 6.7 | 6.7 |
| NUGLADE | 7.0 | 7.3 | 7.3 | 6.0 | 6.0 | 6.7 |
| ABBAY | 6.7 | 6.7 | 7.3 | 6.3 | 6.3 | 6.7 |
| MARQUIS | 6.3 | 7.0 | 7.0 | 6.3 | 6.7 | 6.7 |
| BA 81-270 | 8.0 | 7.0 | 6.3 | 5.0 | 6.7 | 6.6 |
| AMERICA | 7.7 | 7.3 | 6.3 | 5.0 | 6.3 | 6.5 |
| COVENTRY | 8.0 | 7.3 | 6.3 | 5.0 | 6.0 | 6.5 |
| ENVICTA (BA 75-173) | 6.3 | 7.0 | 7.0 | 5.7 | 6.7 | 6.5 |
| IMPACT (J-1576) | 6.3 | 6.7 | 7.0 | 6.0 | 6.7 | 6.5 |
| LIBERATOR (ZPS-2572) | 7.0 | 6.7 | 6.7 | 6.0 | 6.3 | 6.5 |
| PRINCETON 105 | 7.0 | 6.7 | 6.7 | 5.7 | 6.7 | 6.5 |
| PST-P46 | 7.3 | 7.7 | 6.3 | 5.3 | 6.0 | 6.5 |
| SR 2109 | 8.0 | 6.3 | 6.3 | 5.3 | 6.7 | 6.5 |
| BLUECHIP (MED-1991) | 6.7 | 6.7 | 6.7 | 6.0 | 6.7 | 6.5 |
| QUANTUM LEAP (J-1567) | 6.3 | 7.3 | 6.7 | 5.7 | 6.7 | 6.5 |
| BA 70-060 | 6.7 | 7.0 | 7.0 | 5.3 | 6.3 | 6.5 |
| BAR VB 233 | 7.3 | 6.3 | 7.0 | 5.3 | 6.3 | 6.5 |
| CHAMPAGNE (LTP-621) | 7.0 | 6.3 | 6.7 | 5.7 | 6.7 | 6.5 |
| RUGBY II (MED-18) | 6.3 | 6.3 | 7.3 | 5.7 | 6.7 | 6.5 |
| ZPS-2183 | 8.0 | 6.7 | 7.0 | 5.0 | 5.7 | 6.5 |
| ARCADIA (J-1936) | 6.0 | 7.0 | 7.0 | 6.0 | 6.0 | 6.4 |
| HV 242 | 7.0 | 6.3 | 6.7 | 5.3 | 6.7 | 6.4 |
| PLATINI | 7.3 | 6.7 | 6.3 | 5.0 | 6.7 | 6.4 |
| BA 77-702 | 6.7 | 7.3 | 6.3 | 5.3 | 6.3 | 6.4 |
| BA 81-058 | 7.3 | 6.7 | 6.3 | 5.3 | 6.3 | 6.4 |
| BARON | 6.3 | 6.7 | 6.7 | 5.7 | 6.7 | 6.4 |
| CHATEAU | 7.0 | 7.3 | 6.0 | 5.0 | 6.7 | 6.4 |
| J-1555 | 7.0 | 6.3 | 6.7 | 6.0 | 6.0 | 6.4 |
| NIMBUS | 7.0 | 7.0 | 6.7 | 5.0 | 6.3 | 6.4 |
| RAVEN | 6.3 | 7.0 | 6.3 | 5.7 | 6.7 | 6.4 |
| SR 2100 | 7.0 | 6.7 | 6.7 | 5.7 | 6.0 | 6.4 |
| ASCOT | 7.7 | 7.0 | 6.7 | 5.0 | 5.3 | 6.3 |
| BA 81-113 | 6.7 | 6.7 | 6.7 | 5.7 | 6.0 | 6.3 |
| BAR VB 3115B | 6.3 | 6.7 | 6.3 | 5.3 | 7.0 | 6.3 |

TABLE 5. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR EACH MONTH GROWN UNDER MEDIUM/HIGH INPUT (ENTOMOLOGY STUDY) AT MEAD, NE 1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS

| NAME | MAY | JUN | JUL | AUG | SEP | MEAN |
|--------------------------|-----|-----|-----|-----|-----|------|
| BAR VB 5649 | 7.3 | 6.3 | 6.7 | 5.3 | 6.0 | 6.3 |
| BLACKSBURG | 6.7 | 7.0 | 6.7 | 5.0 | 6.3 | 6.3 |
| EXPLORER (PICK-3561) | 6.7 | 6.0 | 6.7 | 5.7 | 6.7 | 6.3 |
| FORTUNA | 6.0 | 6.7 | 7.0 | 5.7 | 6.3 | 6.3 |
| MIDNIGHT | 6.3 | 6.3 | 7.3 | 6.0 | 5.7 | 6.3 |
| MISTY (BA 76-372) | 6.7 | 6.3 | 7.0 | 6.0 | 5.7 | 6.3 |
| ZPS-309 | 7.3 | 7.0 | 6.3 | 5.0 | 6.0 | 6.3 |
| CHICAGO (J-2582) | 7.3 | 6.7 | 7.0 | 4.3 | 6.0 | 6.3 |
| LIMOUSINE | 6.7 | 7.3 | 6.0 | 5.0 | 6.3 | 6.3 |
| NORTH STAR (PST-A7-60) | 5.3 | 6.3 | 6.7 | 6.3 | 6.7 | 6.3 |
| ODYSSEY (J-1561) | 6.0 | 6.7 | 6.3 | 5.7 | 6.7 | 6.3 |
| PST-BO-165 | 7.7 | 6.7 | 6.0 | 5.0 | 6.0 | 6.3 |
| RAMBO (J-2579) | 6.7 | 6.7 | 6.7 | 5.0 | 6.3 | 6.3 |
| BLACKSTONE (PST-638) | 6.7 | 6.7 | 6.3 | 5.0 | 6.3 | 6.2 |
| H86-690 | 6.0 | 6.0 | 7.0 | 5.7 | 6.3 | 6.2 |
| LIVINGSTON | 7.7 | 6.3 | 6.3 | 4.7 | 6.0 | 6.2 |
| NJ-GD | 7.0 | 6.3 | 6.3 | 5.0 | 6.3 | 6.2 |
| SEABRING (BA 79-260) | 7.7 | 6.3 | 6.3 | 5.0 | 5.7 | 6.2 |
| BARONIE | 7.0 | 7.0 | 5.7 | 4.7 | 6.3 | 6.1 |
| SHAMROCK | 7.0 | 6.3 | 6.0 | 5.0 | 6.3 | 6.1 |
| GOLDRUSH (BA 87-102) | 6.7 | 6.7 | 6.3 | 4.3 | 6.7 | 6.1 |
| JEWEL (BA 81-227) | 7.0 | 7.0 | 5.7 | 4.7 | 6.3 | 6.1 |
| MED-1580 | 6.3 | 6.7 | 6.7 | 5.0 | 6.0 | 6.1 |
| NJ-54 | 7.0 | 6.0 | 6.7 | 4.7 | 6.3 | 6.1 |
| SERENE (PST-A7-245A) | 7.7 | 6.3 | 6.0 | 4.7 | 6.0 | 6.1 |
| NUSTAR | 7.3 | 6.7 | 6.3 | 4.0 | 6.0 | 6.1 |
| WILDWOOD | 7.0 | 7.0 | 6.0 | 4.3 | 6.0 | 6.1 |
| PICK-855 | 6.7 | 6.3 | 6.0 | 4.7 | 6.3 | 6.0 |
| BA 75-490 | 7.3 | 6.3 | 5.7 | 4.3 | 6.0 | 5.9 |
| ECLIPSE | 7.0 | 6.3 | 5.7 | 4.7 | 6.0 | 5.9 |
| ALLURE | 6.7 | 7.0 | 6.0 | 4.0 | 5.7 | 5.9 |
| CARDIFF | 7.7 | 6.7 | 6.0 | 4.3 | 4.7 | 5.9 |
| COMPACT | 7.0 | 6.0 | 6.0 | 4.3 | 6.0 | 5.9 |
| JEFFERSON | 6.7 | 6.0 | 6.3 | 4.7 | 5.7 | 5.9 |
| LKB-95 | 6.7 | 6.3 | 6.3 | 4.7 | 5.3 | 5.9 |
| LTP-620 | 7.3 | 6.0 | 5.7 | 4.7 | 5.7 | 5.9 |
| SR 2000 | 8.0 | 7.0 | 5.7 | 3.7 | 5.0 | 5.9 |
| CALIBER | 7.0 | 6.0 | 5.7 | 4.7 | 6.0 | 5.9 |
| CHALLENGER | 7.0 | 6.7 | 5.7 | 4.0 | 5.7 | 5.8 |
| CONNI | 6.0 | 7.0 | 6.0 | 4.3 | 5.7 | 5.8 |
| TOTAL ECLIPSE (TCR-1738) | 6.3 | 7.0 | 6.7 | 4.7 | 4.3 | 5.8 |
| AWARD | 6.3 | 6.3 | 6.0 | 4.3 | 5.7 | 5.7 |
| BAR VB 6820 | 6.3 | 6.7 | 5.3 | 5.0 | 5.3 | 5.7 |
| GLADE | 5.7 | 5.7 | 6.0 | 5.3 | 6.0 | 5.7 |
| SIDEKICK | 7.0 | 7.0 | 5.3 | 3.3 | 6.0 | 5.7 |

TABLE 5. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS FOR EACH MONTH GROWN UNDER MEDIUM/HIGH INPUT (ENTOMOLOGY STUDY) AT MEAD, NE 1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS

| NAME | MAY | JUN | JUL | AUG | SEP | MEAN |
|--------------------|-----|-----|------|------|------|------|
| A88-744 | 7.0 | 6.7 | 5.3 | 4.0 | 5.3 | 5.7 |
| HAGA | 6.7 | 6.0 | 6.0 | 4.0 | 5.7 | 5.7 |
| KENBLUE | 6.0 | 5.7 | 6.3 | 4.7 | 5.7 | 5.7 |
| SODNET | 6.7 | 6.3 | 6.0 | 4.0 | 5.3 | 5.7 |
| SRX 2205 | 6.3 | 6.7 | 6.3 | 4.7 | 4.3 | 5.7 |
| BA 76-197 | 6.7 | 6.3 | 5.3 | 4.0 | 5.7 | 5.6 |
| BARUZO | 6.0 | 5.7 | 5.7 | 4.3 | 6.0 | 5.5 |
| BA 75-163 | 7.3 | 6.0 | 5.7 | 3.7 | 5.0 | 5.5 |
| BA 81-220 | 7.0 | 6.3 | 6.3 | 4.0 | 3.7 | 5.5 |
| CLASSIC | 7.0 | 6.3 | 5.0 | 3.7 | 5.3 | 5.5 |
| LIPOA | 5.3 | 7.0 | 5.7 | 3.7 | 5.3 | 5.4 |
| DRAGON (ZPS-429) | 6.3 | 6.0 | 6.0 | 4.0 | 4.0 | 5.3 |
| PEPAYA (DP 37-192) | 5.3 | 6.7 | 5.0 | 3.3 | 3.7 | 4.8 |
| VB 16015 | 7.0 | 5.3 | 5.3 | 2.3 | 4.0 | 4.8 |
| LSD VALUE | 1.0 | 1.0 | 1.3 | 1.9 | 1.7 | 0.9 |
| C.V. (%) | 8.6 | 9.4 | 12.5 | 23.6 | 17.9 | 9.4 |

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

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

TABLE 6. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT USING DIFFERENT NITROGEN LEVELS 1/
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

| NAME | NITROGEN LEVELS (LBS OF N/1000 SQ. FT./YEAR) | | | MEAN |
|--------------------------|--|---------|------|------|
| | 2.1-3.0 | 3.1-4.0 | 4.1+ | |
| BRILLIANT (PST-B2-42) | 6.4 | 6.5 | 7.0 | 6.6 |
| MIDNIGHT | 6.7 | 6.2 | 7.2 | 6.5 |
| LIBERATOR (ZPS-2572) | 6.7 | 6.2 | 7.0 | 6.5 |
| AWARD | 6.7 | 6.3 | 6.7 | 6.5 |
| TOTAL ECLIPSE (TCR-1738) | 6.4 | 6.1 | 7.3 | 6.5 |
| ODYSSEY (J-1561) | 6.6 | 6.1 | 7.0 | 6.4 |
| APOLLO (PST-B3-180) | 6.1 | 6.3 | 6.9 | 6.4 |
| IMPACT (J-1576) | 6.5 | 6.1 | 7.2 | 6.4 |
| NUGLADE | 6.6 | 6.1 | 7.0 | 6.4 |
| UNIQUE | 6.1 | 6.3 | 6.8 | 6.4 |
| AMERICA | 6.3 | 6.3 | 6.7 | 6.4 |
| SHOWCASE (PST-BO-141) | 6.2 | 6.3 | 6.8 | 6.4 |
| RUGBY II (MED-18) | 6.4 | 6.1 | 6.8 | 6.3 |
| PRINCETON 105 | 6.5 | 6.0 | 6.8 | 6.3 |
| MOONLIGHT (PST-A418) | 6.3 | 6.1 | 6.8 | 6.3 |
| BLACKSTONE (PST-638) | 6.2 | 6.2 | 6.4 | 6.3 |
| NORTH STAR (PST-A7-60) | 6.5 | 6.0 | 6.6 | 6.3 |
| QUANTUM LEAP (J-1567) | 6.3 | 6.0 | 6.7 | 6.2 |
| PICK 8 | 6.4 | 5.9 | 6.6 | 6.2 |
| ARCADIA (J-1936) | 6.3 | 5.9 | 6.8 | 6.2 |
| BLACKSBURG | 6.3 | 6.0 | 6.2 | 6.1 |
| WILDWOOD | 6.3 | 5.9 | 6.3 | 6.1 |
| GLADE | 6.1 | 5.9 | 6.4 | 6.1 |
| SERENE (PST-A7-245A) | 6.1 | 5.9 | 6.3 | 6.0 |
| ABSOLUTE (MED-1497) | 6.4 | 5.7 | 6.5 | 6.0 |
| JEFFERSON | 6.1 | 6.0 | 5.8 | 6.0 |
| CHAMPAGNE (LTP-621) | 6.0 | 5.9 | 6.0 | 6.0 |
| CHICAGO (J-2582) | 6.0 | 5.8 | 6.5 | 6.0 |
| RAMBO (J-2579) | 5.9 | 5.8 | 6.3 | 6.0 |
| ZPS-2183 | 6.3 | 5.8 | 6.1 | 6.0 |
| ECLIPSE | 6.1 | 5.9 | 6.0 | 6.0 |
| BAR VB 3115B | 6.2 | 5.8 | 6.1 | 5.9 |
| SR 2109 | 6.0 | 5.9 | 6.0 | 5.9 |
| EXPLORER (PICK-3561) | 5.9 | 5.9 | 6.1 | 5.9 |
| NUSTAR | 6.1 | 5.8 | 5.8 | 5.9 |
| SR 2000 | 6.2 | 5.7 | 6.1 | 5.9 |
| PLATINI | 5.8 | 5.7 | 6.3 | 5.9 |
| CHATEAU | 5.8 | 5.8 | 5.9 | 5.9 |
| LIMOUSINE | 5.9 | 5.7 | 6.2 | 5.9 |
| CONNI | 5.8 | 5.7 | 6.3 | 5.9 |
| NJ-GD | 6.1 | 5.8 | 5.6 | 5.9 |
| BA 81-058 | 6.1 | 5.6 | 6.2 | 5.9 |
| ALLURE | 6.0 | 5.7 | 6.1 | 5.8 |
| PST-P46 | 6.1 | 5.6 | 6.2 | 5.8 |
| LKB-95 | 5.8 | 5.9 | 5.7 | 5.8 |

TABLE 6. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT USING DIFFERENT NITROGEN LEVELS
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

| NAME | NITROGEN LEVELS (LBS OF N/1000 SQ. FT./YEAR) | | | |
|----------------------|--|---------|------|------|
| | 2.1-3.0 | 3.1-4.0 | 4.1+ | MEAN |
| COVENTRY | 6.0 | 5.7 | 6.0 | 5.8 |
| ASP200 (HV 130) | 5.8 | 5.7 | 6.3 | 5.8 |
| SHAMROCK | 6.0 | 5.7 | 6.0 | 5.8 |
| NJ 1190 | 6.1 | 5.7 | 5.7 | 5.8 |
| BAR VB 5649 | 5.9 | 5.7 | 5.9 | 5.8 |
| LIVINGSTON | 5.9 | 5.8 | 5.8 | 5.8 |
| SEABRING (BA 79-260) | 5.9 | 5.6 | 6.3 | 5.8 |
| CALIBER | 5.8 | 5.7 | 5.9 | 5.8 |
| PST-BO-165 | 5.8 | 5.6 | 6.1 | 5.8 |
| BA 81-270 | 6.1 | 5.6 | 5.9 | 5.8 |
| BARONIE | 6.1 | 5.6 | 5.8 | 5.7 |
| CHALLENGER | 6.0 | 5.5 | 6.0 | 5.7 |
| JEWEL (BA 81-227) | 5.9 | 5.6 | 5.9 | 5.7 |
| ASCOT | 5.9 | 5.5 | 5.8 | 5.7 |
| RAVEN | 6.1 | 5.5 | 5.8 | 5.7 |
| FORTUNA | 5.6 | 5.5 | 5.9 | 5.7 |
| MARQUIS | 5.9 | 5.6 | 5.6 | 5.7 |
| BA 70-060 | 5.8 | 5.5 | 5.9 | 5.6 |
| BAR VB 233 | 5.5 | 5.5 | 6.1 | 5.6 |
| BA 77-702 | 5.8 | 5.4 | 6.0 | 5.6 |
| BA 75-490 | 6.0 | 5.4 | 5.8 | 5.6 |
| BA 73-373 | 5.9 | 5.4 | 5.8 | 5.6 |
| ABBAY | 5.9 | 5.4 | 5.8 | 5.6 |
| ZPS-309 | 5.6 | 5.4 | 6.2 | 5.6 |
| CLASSIC | 6.0 | 5.5 | 5.5 | 5.6 |
| HAGA | 5.9 | 5.4 | 5.7 | 5.6 |
| NJ-54 | 5.7 | 5.5 | 5.7 | 5.6 |
| BARON | 6.0 | 5.3 | 5.8 | 5.6 |
| BA 81-220 | 5.8 | 5.4 | 5.8 | 5.6 |
| BARTITIA | 5.7 | 5.5 | 5.7 | 5.6 |
| GOLDRUSH (BA 87-102) | 5.6 | 5.5 | 5.8 | 5.6 |
| ENVICTA (BA 75-173) | 5.6 | 5.5 | 5.6 | 5.6 |
| SR 2100 | 5.9 | 5.4 | 5.5 | 5.6 |
| A88-744 | 5.8 | 5.3 | 5.9 | 5.5 |
| MED-1580 | 5.6 | 5.4 | 5.6 | 5.5 |
| DRAGON (ZPS-429) | 5.8 | 5.4 | 5.5 | 5.5 |
| CARDIFF | 5.3 | 5.5 | 5.6 | 5.5 |
| BLUECHIP (MED-1991) | 5.8 | 5.3 | 5.7 | 5.5 |
| J-1555 | 5.6 | 5.2 | 5.9 | 5.5 |
| BA 76-197 | 5.5 | 5.5 | 5.3 | 5.5 |
| BA 75-163 | 5.5 | 5.3 | 5.8 | 5.5 |
| MISTY (BA 76-372) | 5.9 | 5.4 | 5.2 | 5.4 |
| VB 16015 | 5.5 | 5.2 | 5.9 | 5.4 |
| NIMBUS | 5.7 | 5.3 | 5.4 | 5.4 |
| LTP-620 | 5.6 | 5.3 | 5.5 | 5.4 |

TABLE 6. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 (CONT'D) GROWN UNDER MEDIUM/HIGH INPUT USING DIFFERENT NITROGEN LEVELS
 1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

| NAME | NITROGEN LEVELS (LBS OF N/1000 SQ. FT./YEAR) | | | |
|--------------------|--|---------|------|------|
| | 2.1-3.0 | 3.1-4.0 | 4.1+ | MEAN |
| HV 242 | 5.4 | 5.2 | 5.9 | 5.4 |
| BAR VB 6820 | 5.6 | 5.0 | 6.0 | 5.4 |
| PICK-855 | 5.5 | 5.3 | 5.3 | 5.4 |
| SIDEKICK | 5.7 | 5.2 | 5.4 | 5.4 |
| BA 81-113 | 5.4 | 5.1 | 5.7 | 5.3 |
| H86-690 | 5.3 | 5.1 | 5.1 | 5.1 |
| SRX 2205 | 5.3 | 5.1 | 4.9 | 5.1 |
| SODNET | 5.4 | 4.8 | 5.5 | 5.1 |
| COMPACT | 5.0 | 5.0 | 4.8 | 4.9 |
| LIPPOA | 5.2 | 4.7 | 5.0 | 4.9 |
| PEPAYA (DP 37-192) | 5.1 | 4.5 | 5.3 | 4.8 |
| BARUZO | 4.8 | 4.6 | 5.0 | 4.7 |
| KENBLUE | 5.0 | 4.4 | 4.5 | 4.6 |
| LSD VALUE | 0.3 | 0.2 | 0.4 | 0.2 |
| C.V. (%) | 8.5 | 10.6 | 9.0 | 9.8 |

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

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

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 GROWN UNDER MEDIUM/HIGH INPUT AT SIX LOCATIONS
 USING 2.1-3.0 LBS OF NITROGEN/1000 SQ. FT./YEAR 1/
 1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

| NAME | AB1 | IA1 | MI1 | MN1 | NJ1 | OK1 | MEAN |
|--------------------------|-----|-----|-----|-----|-----|-----|------|
| LIBERATOR (ZPS-2572) | 7.4 | 7.5 | 5.0 | 6.5 | 6.3 | 7.7 | 6.7 |
| AWARD | 7.4 | 7.5 | 5.1 | 6.6 | 5.8 | 8.0 | 6.7 |
| MIDNIGHT | 7.5 | 7.1 | 4.8 | 6.6 | 6.3 | 7.9 | 6.7 |
| NUGLADE | 7.6 | 6.8 | 5.1 | 6.6 | 5.7 | 8.0 | 6.6 |
| ODYSSEY (J-1561) | 7.1 | 6.9 | 5.2 | 6.0 | 6.4 | 7.8 | 6.6 |
| NORTH STAR (PST-A7-60) | 7.3 | 6.7 | 6.0 | 6.7 | 5.2 | 7.1 | 6.5 |
| PRINCETON 105 | 7.1 | 6.4 | 5.2 | 6.7 | 7.0 | 6.6 | 6.5 |
| IMPACT (J-1576) | 6.9 | 7.1 | 5.5 | 6.1 | 5.1 | 8.1 | 6.5 |
| PICK 8 | 7.2 | 6.8 | 5.0 | 5.9 | 6.0 | 7.6 | 6.4 |
| RUGBY II (MED-18) | 7.4 | 6.7 | 5.0 | 6.3 | 5.3 | 7.7 | 6.4 |
| TOTAL ECLIPSE (TCR-1738) | 7.4 | 7.1 | 4.7 | 6.4 | 5.1 | 7.7 | 6.4 |
| BRILLIANT (PST-B2-42) | 7.4 | 7.2 | 5.1 | 6.2 | 5.3 | 7.0 | 6.4 |
| ABSOLUTE (MED-1497) | 7.4 | 7.1 | 5.1 | 6.8 | 4.1 | 7.6 | 6.4 |
| BLACKSBURG | 7.1 | 7.2 | 4.3 | 6.6 | 5.4 | 7.5 | 6.3 |
| AMERICA | 7.1 | 6.8 | 5.6 | 6.1 | 5.1 | 7.1 | 6.3 |
| WILDWOOD | 7.3 | 6.8 | 5.8 | 6.8 | 4.1 | 7.0 | 6.3 |
| ZPS-2183 | 7.0 | 7.0 | 5.0 | 6.6 | 5.5 | 6.7 | 6.3 |
| QUANTUM LEAP (J-1567) | 7.4 | 7.2 | 5.0 | 5.9 | 4.6 | 7.5 | 6.3 |
| MOONLIGHT (PST-A418) | 7.2 | 6.1 | 5.6 | 5.9 | 5.8 | 7.0 | 6.3 |
| ARCADIA (J-1936) | 7.2 | 6.8 | 5.4 | 6.0 | 4.5 | 7.6 | 6.3 |
| BLACKSTONE (PST-638) | 7.1 | 6.6 | 4.5 | 6.4 | 5.5 | 7.3 | 6.2 |
| SR 2000 | 7.3 | 6.6 | 5.1 | 6.0 | 4.6 | 7.4 | 6.2 |
| SHOWCASE (PST-BO-141) | 7.1 | 7.3 | 5.2 | 5.5 | 5.0 | 6.9 | 6.2 |
| BAR VB 3115B | 7.1 | 7.4 | 5.2 | 6.0 | 5.1 | 6.1 | 6.2 |
| BARONIE | 7.0 | 6.8 | 5.2 | 6.0 | 5.1 | 6.7 | 6.1 |
| UNIQUE | 7.3 | 7.1 | 5.0 | 6.0 | 4.6 | 6.9 | 6.1 |
| EA 81-058 | 7.0 | 7.1 | 5.5 | 5.6 | 4.5 | 7.2 | 6.1 |
| APOLLO (PST-B3-180) | 7.0 | 6.3 | 5.0 | 6.5 | 4.9 | 7.1 | 6.1 |
| GLADE | 6.9 | 6.4 | 5.5 | 6.0 | 5.1 | 6.9 | 6.1 |
| NJ-GD | 7.1 | 7.0 | 5.7 | 6.3 | 4.1 | 6.6 | 6.1 |
| ECLIPSE | 6.8 | 6.3 | 5.5 | 6.0 | 5.2 | 7.0 | 6.1 |
| PST-P46 | 7.0 | 6.4 | 5.3 | 6.6 | 4.5 | 6.9 | 6.1 |
| NJ 1190 | 7.5 | 7.1 | 6.2 | 6.8 | 3.6 | 5.5 | 6.1 |
| NUSTAR | 6.9 | 6.7 | 5.7 | 5.6 | 4.9 | 6.7 | 6.1 |
| JEFFERSON | 6.4 | 6.7 | 5.1 | 5.9 | 5.7 | 6.7 | 6.1 |
| RAVEN | 6.9 | 6.6 | 6.2 | 5.7 | 4.1 | 6.9 | 6.1 |
| SERENE (PST-A7-245A) | 7.2 | 7.0 | 5.3 | 5.8 | 4.4 | 6.8 | 6.1 |
| EA 81-270 | 7.1 | 7.0 | 5.3 | 6.4 | 4.0 | 6.7 | 6.1 |
| COVENTRY | 7.2 | 7.1 | 5.2 | 6.1 | 3.9 | 6.8 | 6.0 |
| CHAMPAGNE (LTP-621) | 6.9 | 6.3 | 5.6 | 6.0 | 4.9 | 6.6 | 6.0 |
| BARON | 7.1 | 7.0 | 5.4 | 5.8 | 3.9 | 6.9 | 6.0 |
| CHICAGO (J-2582) | 6.9 | 6.4 | 5.7 | 6.0 | 3.8 | 7.5 | 6.0 |
| ALLURE | 7.5 | 6.7 | 5.4 | 5.7 | 4.0 | 6.7 | 6.0 |
| EA 75-490 | 6.9 | 6.6 | 5.2 | 6.2 | 4.5 | 6.7 | 6.0 |

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT SIX LOCATIONS
USING 2.1-3.0 LBS OF NITROGEN/1000 SQ. FT./YEAR
1998 DATA

| TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|------|
| NAME | AB1 | IA1 | MI1 | MN1 | NJ1 | OK1 | MEAN |
| CLASSIC | 6.8 | 6.9 | 5.0 | 5.9 | 4.9 | 6.6 | 6.0 |
| SHAMROCK | 7.2 | 7.0 | 4.9 | 6.3 | 4.2 | 6.3 | 6.0 |
| SR 2109 | 7.2 | 6.6 | 5.3 | 6.2 | 4.4 | 6.1 | 6.0 |
| CHALLENGER | 7.2 | 6.9 | 5.0 | 6.0 | 3.7 | 7.0 | 6.0 |
| ASCOT | 6.9 | 6.7 | 5.4 | 6.2 | 3.2 | 7.2 | 5.9 |
| BAR VB 5649 | 7.3 | 6.2 | 4.7 | 5.7 | 4.9 | 6.9 | 5.9 |
| SR 2100 | 6.8 | 6.5 | 5.1 | 5.7 | 4.9 | 6.7 | 5.9 |
| EXPLORER (PICK-3561) | 7.3 | 6.7 | 5.0 | 5.5 | 4.0 | 7.1 | 5.9 |
| LIMOUSINE | 7.6 | 6.5 | 4.0 | 6.2 | 5.0 | 6.3 | 5.9 |
| HAGA | 7.1 | 7.2 | 4.9 | 5.5 | 4.1 | 6.7 | 5.9 |
| RAMBO (J-2579) | 7.4 | 6.7 | 4.8 | 5.9 | 3.9 | 6.9 | 5.9 |
| MARQUIS | 7.1 | 6.7 | 4.9 | 5.9 | 4.2 | 6.7 | 5.9 |
| ABBEY | 6.9 | 7.0 | 5.8 | 5.4 | 4.0 | 6.3 | 5.9 |
| BA 73-373 | 6.9 | 7.0 | 5.6 | 5.7 | 3.6 | 6.7 | 5.9 |
| SEABRING (BA 79-260) | 6.9 | 6.8 | 5.5 | 6.4 | 3.3 | 6.5 | 5.9 |
| LIVINGSTON | 6.9 | 6.6 | 4.9 | 5.9 | 4.6 | 6.6 | 5.9 |
| MISTY (BA 76-372) | 7.2 | 6.2 | 5.4 | 6.7 | 3.0 | 7.0 | 5.9 |
| JEWEL (BA 81-227) | 6.9 | 6.6 | 4.9 | 5.7 | 4.4 | 6.9 | 5.9 |
| CHATEAU | 7.4 | 6.7 | 4.7 | 5.8 | 3.8 | 6.7 | 5.8 |
| EST-BO-165 | 7.4 | 6.8 | 4.9 | 5.6 | 3.4 | 6.8 | 5.8 |
| BA 77-702 | 6.9 | 6.0 | 5.2 | 5.9 | 4.5 | 6.4 | 5.8 |
| BA 81-220 | 7.1 | 6.3 | 5.1 | 6.0 | 3.9 | 6.4 | 5.8 |
| A88-744 | 6.9 | 6.6 | 5.5 | 5.1 | 3.9 | 6.9 | 5.8 |
| PLATINI | 7.3 | 5.9 | 3.7 | 5.6 | 5.6 | 6.7 | 5.8 |
| BA 70-060 | 7.1 | 6.4 | 5.5 | 5.5 | 3.9 | 6.4 | 5.8 |
| CONNI | 6.8 | 6.5 | 5.0 | 6.0 | 4.2 | 6.3 | 5.8 |
| DRAGON (ZPS-429) | 6.6 | 6.5 | 5.0 | 5.6 | 4.2 | 6.9 | 5.8 |
| BLUECHIP (MED-1991) | 7.0 | 6.7 | 5.2 | 5.7 | 3.6 | 6.6 | 5.8 |
| CALIBER | 7.2 | 6.9 | 4.6 | 5.2 | 4.3 | 6.6 | 5.8 |
| ASP200 (HV 130) | 6.9 | 6.4 | 5.1 | 6.1 | 3.8 | 6.3 | 5.8 |
| LKB-95 | 7.1 | 7.2 | 4.9 | 6.0 | 3.6 | 5.8 | 5.8 |
| SIDEKICK | 6.8 | 6.3 | 5.3 | 5.6 | 3.7 | 6.7 | 5.7 |
| NIMBUS | 7.1 | 6.6 | 5.1 | 5.5 | 3.6 | 6.3 | 5.7 |
| NJ-54 | 6.8 | 6.6 | 5.0 | 5.7 | 3.7 | 6.4 | 5.7 |
| BARTITIA | 7.3 | 6.9 | 4.4 | 6.3 | 2.7 | 6.3 | 5.7 |
| FORTUNA | 6.8 | 6.0 | 5.2 | 5.8 | 3.4 | 6.7 | 5.6 |
| J-1555 | 7.2 | 6.6 | 4.6 | 5.7 | 2.7 | 7.2 | 5.6 |
| ENVICTA (BA 75-173) | 7.0 | 6.2 | 5.2 | 5.5 | 3.5 | 6.5 | 5.6 |
| LTP-620 | 6.7 | 6.0 | 5.1 | 5.7 | 3.3 | 6.9 | 5.6 |
| BAR VB 6820 | 7.4 | 5.7 | 4.8 | 5.5 | 4.4 | 5.8 | 5.6 |
| ZPS-309 | 7.1 | 6.3 | 4.1 | 4.9 | 4.6 | 6.7 | 5.6 |
| MED-1580 | 6.7 | 6.6 | 5.2 | 5.5 | 3.6 | 6.0 | 5.6 |
| GOLDRUSH (BA 87-102) | 7.0 | 6.7 | 5.0 | 5.4 | 3.4 | 6.0 | 5.6 |
| BAR VB 233 | 7.3 | 5.6 | 3.6 | 5.3 | 4.8 | 6.6 | 5.5 |
| VB 16015 | 7.1 | 6.3 | 5.0 | 5.5 | 3.2 | 5.9 | 5.5 |

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 (CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT SIX LOCATIONS
 USING 2.1-3.0 LBS OF NITROGEN/1000 SQ. FT./YEAR
 1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

| NAME | AB1 | IA1 | MI1 | MN1 | NJ1 | OK1 | MEAN |
|--------------------|-----|-----|------|-----|------|-----|------|
| PICK-855 | 6.8 | 6.3 | 4.8 | 5.6 | 3.2 | 6.3 | 5.5 |
| EA 75-163 | 7.1 | 6.2 | 5.7 | 4.6 | 2.5 | 6.9 | 5.5 |
| EA 76-197 | 6.6 | 6.5 | 5.5 | 5.8 | 2.5 | 5.9 | 5.5 |
| EA 81-113 | 6.9 | 6.5 | 5.0 | 5.3 | 2.3 | 6.5 | 5.4 |
| HV 242 | 7.3 | 5.4 | 3.7 | 5.2 | 4.0 | 6.7 | 5.4 |
| SODNET | 6.9 | 6.7 | 5.0 | 5.6 | 2.2 | 5.7 | 5.4 |
| SRX 2205 | 6.4 | 6.6 | 4.6 | 5.4 | 3.3 | 5.8 | 5.3 |
| CARDIFF | 7.0 | 6.6 | 5.6 | 4.9 | 2.0 | 6.0 | 5.3 |
| H86-690 | 6.7 | 7.1 | 5.0 | 5.5 | 2.6 | 4.9 | 5.3 |
| LIPOA | 7.2 | 6.4 | 4.1 | 6.0 | 2.0 | 5.8 | 5.2 |
| PEPAYA (DP 37-192) | 7.0 | 6.2 | 4.2 | 5.0 | 2.5 | 5.5 | 5.1 |
| KENBLUE | 6.4 | 6.3 | 4.7 | 4.9 | 2.4 | 5.4 | 5.0 |
| COMPACT | 6.6 | 5.9 | 4.3 | 4.4 | 2.8 | 5.7 | 5.0 |
| BARUZO | 6.7 | 6.2 | 4.3 | 3.3 | 1.8 | 6.3 | 4.8 |
| LSL VALUE | 0.4 | 0.8 | 0.9 | 0.7 | 1.1 | 0.8 | 0.3 |
| C.V. (%) | 3.6 | 7.4 | 11.2 | 7.2 | 16.6 | 7.3 | 8.5 |

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

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

TABLE 8.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT FIFTEEN LOCATIONS
USING 3.1-4.0 LBS OF NITROGEN/1000 SQ. FT./YEAR 1/
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

| NAME | IL1 | IN1 | KS1 | KY1 | MO1 | NC1 | NE1 | NJ2 | OH1 | ON1 | PA1 | QE1 | RI1 | UB1 | VA1 | MEAN |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| BRILLIANT (PST-B2-42) | 4.8 | 7.1 | 5.6 | 7.3 | 5.9 | 5.2 | 6.2 | 5.4 | 8.4 | 7.1 | 7.7 | 7.2 | 5.9 | 7.3 | 5.8 | 6.5 |
| UNIQUE | 4.2 | 6.9 | 6.0 | 7.7 | 6.0 | 4.3 | 6.4 | 5.4 | 8.2 | 6.5 | 7.4 | 7.3 | 5.3 | 6.7 | 6.3 | 6.3 |
| APOLLO (PST-B3-180) | 4.0 | 6.7 | 5.5 | 7.1 | 6.0 | 4.6 | 6.0 | 5.3 | 8.6 | 7.8 | 7.4 | 7.0 | 6.1 | 6.9 | 5.6 | 6.3 |
| AWARD | 4.0 | 6.6 | 3.3 | 7.8 | 6.3 | 5.0 | 6.4 | 6.0 | 8.7 | 7.1 | 5.9 | 7.6 | 7.2 | 6.7 | 5.7 | 6.3 |
| SHOWCASE (PST-BO-141) | 4.4 | 6.6 | 5.6 | 7.6 | 5.5 | 4.5 | 5.9 | 5.2 | 8.7 | 7.2 | 6.9 | 7.5 | 6.0 | 6.1 | 6.2 | 6.3 |
| AMERICA | 4.4 | 7.0 | 5.5 | 7.8 | 5.5 | 4.3 | 6.1 | 5.6 | 8.3 | 7.2 | 7.2 | 7.1 | 5.5 | 6.5 | 5.7 | 6.3 |
| BLACKSTONE (PST-638) | 4.6 | 5.7 | 4.6 | 6.4 | 6.5 | 5.7 | 6.0 | 5.7 | 8.1 | 7.6 | 6.1 | 7.5 | 7.0 | 5.1 | 6.9 | 6.2 |
| LIBERATOR (ZPS-2572) | 4.0 | 5.9 | 3.9 | 7.1 | 6.0 | 5.5 | 6.8 | 6.2 | 8.8 | 7.6 | 5.4 | 7.3 | 6.1 | 6.5 | 6.1 | 6.2 |
| MIDNIGHT | 4.3 | 6.3 | 3.8 | 7.8 | 6.3 | 5.2 | 5.8 | 6.3 | 8.8 | 6.8 | 5.1 | 7.6 | 6.9 | 6.4 | 5.5 | 6.2 |
| TOTAL ECLIPSE (TCR-1738) | 4.4 | 6.1 | 3.5 | 8.2 | 6.8 | 5.0 | 6.6 | 6.1 | 8.6 | 6.7 | 5.1 | 7.4 | 5.7 | 6.8 | 5.1 | 6.1 |
| ODYSSEY (J-1561) | 4.4 | 6.0 | 3.4 | 7.3 | 6.3 | 5.2 | 6.1 | 5.5 | 8.5 | 7.4 | 5.5 | 7.4 | 6.5 | 6.9 | 5.3 | 6.1 |
| RUGBY II (MED-18) | 4.6 | 5.9 | 3.6 | 7.5 | 6.4 | 4.0 | 6.7 | 4.9 | 8.8 | 7.7 | 4.9 | 7.6 | 6.5 | 6.5 | 5.5 | 6.1 |
| MOONLIGHT (PST-A418) | 4.2 | 5.5 | 3.3 | 6.9 | 6.1 | 4.5 | 5.8 | 6.1 | 8.0 | 7.2 | 6.4 | 8.0 | 6.5 | 5.8 | 6.9 | 6.1 |
| IMPACT (J-1576) | 4.4 | 6.0 | 3.7 | 7.2 | 6.2 | 4.6 | 6.7 | 5.6 | 8.7 | 6.7 | 5.4 | 7.4 | 6.2 | 6.8 | 5.5 | 6.1 |
| NUGLADE | 5.2 | 6.0 | 3.3 | 7.5 | 5.8 | 4.9 | 6.4 | 6.0 | 8.5 | 6.7 | 5.1 | 7.4 | 5.6 | 6.7 | 5.6 | 6.1 |
| JEFFERSON | 4.6 | 6.0 | 4.1 | 7.3 | 5.7 | 4.8 | 5.8 | 6.3 | 8.1 | 7.7 | 6.4 | 6.8 | 6.6 | 5.0 | 5.4 | 6.0 |
| NORTH STAR (PST-A7-60) | 5.7 | 6.2 | 3.6 | 6.2 | 5.8 | 4.9 | 5.5 | 4.7 | 7.9 | 7.4 | 8.3 | 7.1 | 7.8 | 5.0 | 4.0 | 6.0 |
| PRINCETON 105 | 5.4 | 6.1 | 3.5 | 6.1 | 6.2 | 5.1 | 5.8 | 5.8 | 8.3 | 7.4 | 6.9 | 7.3 | 6.5 | 5.5 | 4.1 | 6.0 |
| QUANTUM LEAP (J-1567) | 4.0 | 5.6 | 3.9 | 7.5 | 6.3 | 4.4 | 6.2 | 5.5 | 8.8 | 7.5 | 5.3 | 7.8 | 6.1 | 6.3 | 4.9 | 6.0 |
| BLACKSBURG | 3.6 | 6.2 | 3.9 | 6.5 | 6.5 | 4.6 | 6.6 | 5.9 | 7.8 | 6.1 | 7.2 | 7.4 | 6.7 | 5.3 | 5.3 | 6.0 |
| CHAMPAGNE (LTP-621) | 4.2 | 6.0 | 4.1 | 7.0 | 6.0 | 4.6 | 5.8 | 4.8 | 7.9 | 8.0 | 5.8 | 7.3 | 5.8 | 5.3 | 6.4 | 5.9 |
| PICK 8 | 4.6 | 5.8 | 4.7 | 7.0 | 5.8 | 4.1 | 6.1 | 5.4 | 7.8 | 7.1 | 6.7 | 7.0 | 6.2 | 5.1 | 5.3 | 5.9 |
| LKB-95 | 4.8 | 5.4 | 4.0 | 6.0 | 5.6 | 5.6 | 5.6 | 5.5 | 7.6 | 8.3 | 7.1 | 7.1 | 5.7 | 5.1 | 5.5 | 5.9 |
| ARCADIA (J-1936) | 3.6 | 5.3 | 4.2 | 7.1 | 6.3 | 5.3 | 6.1 | 4.5 | 8.3 | 7.2 | 5.2 | 7.3 | 6.3 | 6.2 | 5.9 | 5.9 |
| SERENE (PST-A7-245A) | 4.8 | 6.0 | 3.7 | 7.0 | 6.2 | 4.5 | 6.2 | 4.7 | 8.4 | 7.9 | 6.7 | 6.9 | 5.2 | 5.2 | 5.2 | 5.9 |
| WILDWOOD | 4.8 | 5.8 | 4.4 | 6.3 | 5.8 | 5.3 | 5.6 | 5.3 | 8.1 | 6.9 | 7.7 | 7.2 | 5.7 | 4.9 | 4.8 | 5.9 |
| SR 2109 | 4.7 | 6.4 | 4.7 | 5.0 | 5.7 | 4.1 | 5.7 | 6.4 | 8.0 | 6.7 | 8.3 | 6.8 | 5.9 | 4.7 | 5.1 | 5.9 |
| EXPLORER (PICK-3561) | 4.8 | 5.2 | 3.9 | 6.6 | 5.8 | 5.1 | 6.0 | 5.1 | 8.0 | 7.8 | 5.9 | 7.3 | 5.3 | 6.5 | 4.7 | 5.9 |
| GLADE | 4.9 | 5.5 | 3.8 | 7.1 | 6.3 | 4.9 | 5.2 | 4.5 | 8.2 | 6.6 | 6.3 | 7.0 | 6.7 | 6.0 | 5.1 | 5.9 |
| ECLIPSE | 5.0 | 6.3 | 3.4 | 7.0 | 6.0 | 4.6 | 5.4 | 4.8 | 8.2 | 7.5 | 6.3 | 6.8 | 5.3 | 5.8 | 5.4 | 5.9 |
| NJ-GD | 4.0 | 6.5 | 3.6 | 6.5 | 5.7 | 5.8 | 6.0 | 5.6 | 8.1 | 7.3 | 6.6 | 7.0 | 5.9 | 3.7 | 5.4 | 5.8 |
| CHATEAU | 4.0 | 5.8 | 4.2 | 6.0 | 6.0 | 4.9 | 5.9 | 5.6 | 8.5 | 8.3 | 5.9 | 7.2 | 6.0 | 4.8 | 4.6 | 5.8 |
| RAMBO (J-2579) | 4.3 | 6.3 | 3.1 | 6.3 | 6.1 | 4.3 | 6.6 | 5.1 | 7.9 | 6.8 | 7.1 | 6.7 | 5.2 | 7.1 | 4.7 | 5.8 |
| NUSTAR | 4.7 | 6.3 | 3.2 | 6.5 | 5.6 | 5.1 | 5.6 | 5.0 | 8.0 | 7.7 | 6.3 | 7.2 | 5.3 | 5.3 | 5.4 | 5.8 |
| LIVINGSTON | 4.6 | 6.4 | 4.2 | 6.1 | 5.9 | 4.3 | 5.2 | 5.6 | 8.0 | 7.9 | 5.4 | 7.0 | 5.6 | 5.2 | 5.4 | 5.8 |
| ZPS-2183 | 3.8 | 5.4 | 4.4 | 5.8 | 5.7 | 4.1 | 5.7 | 5.7 | 8.2 | 6.8 | 6.6 | 7.0 | 6.9 | 5.0 | 5.7 | 5.8 |
| BAR VB 3115B | 4.8 | 5.9 | 3.7 | 6.3 | 6.0 | 4.1 | 5.7 | 4.8 | 7.9 | 7.8 | 6.7 | 6.5 | 5.0 | 6.1 | 5.3 | 5.8 |
| CHICAGO (J-2582) | 4.2 | 5.6 | 3.5 | 6.3 | 6.0 | 4.3 | 5.9 | 5.1 | 8.5 | 7.2 | 5.3 | 7.1 | 5.7 | 6.1 | 5.4 | 5.8 |
| PLATINI | 3.4 | 5.8 | 4.2 | 5.9 | 5.7 | 4.7 | 6.4 | 5.4 | 7.8 | 7.4 | 5.3 | 7.1 | 6.9 | 6.0 | 4.2 | 5.7 |
| NJ 1190 | 3.6 | 6.3 | 3.5 | 4.8 | 5.3 | 4.6 | 7.5 | 5.8 | 7.9 | 6.8 | 7.4 | 6.8 | 6.3 | 4.8 | 4.7 | 5.7 |
| CALIBER | 4.3 | 5.5 | 3.7 | 6.5 | 5.5 | 5.6 | 5.7 | 5.0 | 7.8 | 7.6 | 5.3 | 7.1 | 5.8 | 6.0 | 4.5 | 5.7 |
| LIMOUSINE | 4.0 | 6.3 | 3.8 | 5.3 | 5.5 | 4.6 | 6.4 | 4.5 | 7.9 | 7.8 | 6.3 | 6.8 | 5.1 | 7.5 | 3.8 | 5.7 |
| BAR VB 5649 | 3.4 | 5.9 | 4.1 | 5.5 | 5.8 | 4.4 | 6.1 | 5.7 | 8.1 | 7.8 | 5.1 | 7.2 | 5.8 | 6.3 | 4.6 | 5.7 |
| CONNI | 4.3 | 6.1 | 3.2 | 4.8 | 4.5 | 4.0 | 6.0 | 5.7 | 8.3 | 7.4 | 7.8 | 6.5 | 6.5 | 6.2 | 4.2 | 5.7 |

TABLE 8. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT FIFTEEN LOCATIONS
USING 3.1-4.0 LBS OF NITROGEN/1000 SQ. FT./YEAR
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

| NAME | IL1 | IN1 | KS1 | KY1 | MO1 | NC1 | NE1 | NJ2 | OH1 | ON1 | PA1 | QE1 | RI1 | UB1 | VA1 | MEAN |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| ABSOLUTE (MED-1497) | 4.5 | 6.5 | 3.0 | 6.1 | 5.7 | 4.7 | 6.3 | 4.5 | 8.3 | 7.0 | 5.6 | 7.3 | 5.3 | 5.9 | 4.9 | 5.7 |
| SHAMROCK | 4.6 | 6.7 | 3.6 | 6.0 | 5.4 | 4.3 | 5.9 | 5.2 | 8.0 | 8.0 | 6.1 | 7.3 | 5.2 | 4.0 | 5.3 | 5.7 |
| COVENTRY | 3.8 | 6.3 | 3.6 | 6.1 | 5.7 | 4.4 | 5.6 | 4.5 | 8.3 | 7.7 | 6.2 | 6.8 | 6.0 | 5.4 | 5.1 | 5.7 |
| ALLURE | 4.7 | 5.2 | 3.0 | 6.7 | 6.1 | 4.8 | 5.9 | 4.9 | 8.3 | 7.7 | 6.0 | 6.9 | 5.8 | 4.7 | 4.7 | 5.7 |
| SR 2000 | 5.3 | 4.7 | 4.3 | 7.1 | 5.4 | 4.8 | 5.5 | 3.6 | 8.3 | 7.6 | 5.4 | 6.9 | 5.6 | 5.1 | 5.5 | 5.7 |
| ASP200 (HV 130) | 3.8 | 6.4 | 4.9 | 5.9 | 6.1 | 4.3 | 5.8 | 3.8 | 8.0 | 6.2 | 5.5 | 7.2 | 6.1 | 5.8 | 5.4 | 5.7 |
| PST-BO-165 | 3.5 | 5.8 | 4.1 | 6.7 | 6.1 | 4.6 | 5.7 | 4.6 | 8.3 | 7.6 | 5.8 | 6.8 | 5.5 | 4.8 | 4.8 | 5.6 |
| BA 81-058 | 4.1 | 6.0 | 3.6 | 7.7 | 6.2 | 4.8 | 5.2 | 5.6 | 8.1 | 6.8 | 4.5 | 7.3 | 4.7 | 4.6 | 5.1 | 5.6 |
| BA 81-270 | 4.4 | 6.2 | 3.5 | 5.8 | 5.5 | 4.4 | 6.2 | 5.3 | 8.3 | 7.7 | 6.0 | 6.8 | 5.2 | 4.5 | 4.3 | 5.6 |
| PST-P46 | 4.0 | 6.1 | 3.6 | 5.9 | 5.5 | 4.6 | 5.3 | 4.9 | 8.5 | 6.6 | 7.3 | 7.5 | 5.5 | 4.3 | 4.7 | 5.6 |
| BARONIE | 4.2 | 6.0 | 3.9 | 6.3 | 6.0 | 5.0 | 5.4 | 5.0 | 8.2 | 7.4 | 5.1 | 6.5 | 4.6 | 4.7 | 5.3 | 5.6 |
| MARQUIS | 4.3 | 5.9 | 4.0 | 6.5 | 5.6 | 4.6 | 5.0 | 3.6 | 8.3 | 7.6 | 5.8 | 6.9 | 5.4 | 4.8 | 5.5 | 5.6 |
| JEWEL (BA 81-227) | 4.6 | 5.9 | 4.2 | 5.9 | 5.4 | 5.2 | 5.5 | 4.2 | 8.4 | 6.9 | 6.2 | 6.9 | 5.3 | 4.0 | 4.8 | 5.6 |
| SEABRING (BA 79-260) | 4.3 | 5.7 | 3.3 | 6.8 | 6.3 | 3.9 | 5.0 | 5.1 | 8.8 | 6.9 | 6.3 | 7.3 | 5.1 | 4.0 | 4.5 | 5.6 |
| CHALLENGER | 4.0 | 6.0 | 4.1 | 6.6 | 5.8 | 4.8 | 5.8 | 4.9 | 8.1 | 7.5 | 4.7 | 7.3 | 3.9 | 4.8 | 5.0 | 5.5 |
| FORTUNA | 3.8 | 5.8 | 3.8 | 6.8 | 6.0 | 4.8 | 4.9 | 3.5 | 8.5 | 7.6 | 5.7 | 7.3 | 4.4 | 5.7 | 4.7 | 5.5 |
| ASCOT | 3.3 | 5.6 | 3.4 | 5.9 | 6.0 | 4.1 | 5.5 | 5.3 | 8.2 | 6.9 | 6.3 | 7.3 | 5.5 | 5.2 | 4.8 | 5.5 |
| BA 76-197 | 3.5 | 5.8 | 3.9 | 5.7 | 5.8 | 5.5 | 5.0 | 4.6 | 8.1 | 7.0 | 5.6 | 6.7 | 5.1 | 5.2 | 5.5 | 5.5 |
| NJ-54 | 4.0 | 5.8 | 3.8 | 6.0 | 5.8 | 4.1 | 5.6 | 4.7 | 8.1 | 7.7 | 4.8 | 6.8 | 6.0 | 4.3 | 5.5 | 5.5 |
| GOLDRUSH (BA 87-102) | 3.9 | 5.7 | 4.6 | 6.3 | 5.9 | 5.3 | 5.1 | 2.8 | 8.5 | 7.3 | 5.2 | 7.0 | 4.7 | 5.1 | 5.2 | 5.5 |
| ENVICTA (BA 75-173) | 4.3 | 5.8 | 4.3 | 7.0 | 5.3 | 4.6 | 5.1 | 3.6 | 8.2 | 7.7 | 5.0 | 6.9 | 5.2 | 3.8 | 5.8 | 5.5 |
| CLASSIC | 4.1 | 5.9 | 3.5 | 6.5 | 5.7 | 4.7 | 5.4 | 5.3 | 8.2 | 6.7 | 5.1 | 6.9 | 4.6 | 4.6 | 5.4 | 5.5 |
| BARTITIA | 3.5 | 6.4 | 3.6 | 3.7 | 6.2 | 4.4 | 6.1 | 4.8 | 7.9 | 8.0 | 6.4 | 7.2 | 4.9 | 5.6 | 3.8 | 5.5 |
| CARDIFF | 3.7 | 5.4 | 2.6 | 5.1 | 5.5 | 5.2 | 5.7 | 5.4 | 8.1 | 7.4 | 7.1 | 7.0 | 4.9 | 5.2 | 4.2 | 5.5 |
| BAR VB 233 | 3.4 | 5.9 | 3.9 | 5.9 | 5.3 | 4.5 | 5.8 | 5.0 | 7.5 | 7.6 | 4.5 | 7.1 | 5.9 | 5.8 | 4.2 | 5.5 |
| RAVEN | 5.1 | 5.5 | 3.3 | 6.8 | 5.8 | 4.5 | 4.9 | 3.6 | 8.3 | 6.8 | 5.5 | 6.8 | 5.8 | 3.8 | 5.6 | 5.5 |
| BA 70-060 | 4.4 | 5.8 | 3.8 | 6.8 | 5.8 | 5.1 | 4.6 | 3.8 | 8.1 | 7.2 | 5.2 | 6.6 | 5.0 | 4.0 | 5.6 | 5.5 |
| BA 73-373 | 3.6 | 6.0 | 3.5 | 6.8 | 5.3 | 5.2 | 5.3 | 3.9 | 8.3 | 6.8 | 5.7 | 7.0 | 5.1 | 3.5 | 5.7 | 5.4 |
| SR 2100 | 5.0 | 4.9 | 3.8 | 6.2 | 5.8 | 4.3 | 5.0 | 3.5 | 8.2 | 7.6 | 5.5 | 7.5 | 5.4 | 3.6 | 5.3 | 5.4 |
| BA 77-702 | 4.2 | 5.9 | 3.6 | 6.8 | 5.3 | 4.3 | 5.0 | 3.4 | 8.6 | 7.7 | 5.4 | 6.9 | 4.9 | 3.8 | 5.6 | 5.4 |
| MED-1580 | 3.7 | 5.1 | 3.3 | 6.8 | 5.4 | 4.4 | 5.3 | 4.0 | 7.9 | 7.4 | 5.7 | 7.3 | 5.6 | 4.9 | 4.5 | 5.4 |
| ABBAY | 4.1 | 5.8 | 3.8 | 6.7 | 5.5 | 4.2 | 5.0 | 4.3 | 8.1 | 7.3 | 5.2 | 7.0 | 4.9 | 3.6 | 5.8 | 5.4 |
| HAGA | 4.4 | 4.2 | 3.5 | 6.6 | 5.3 | 4.4 | 5.5 | 5.2 | 7.6 | 6.7 | 5.6 | 6.9 | 5.1 | 4.9 | 5.3 | 5.4 |
| BA 75-490 | 3.3 | 5.8 | 3.8 | 6.3 | 5.7 | 4.0 | 5.9 | 4.5 | 8.3 | 7.0 | 5.6 | 7.2 | 5.3 | 3.3 | 5.1 | 5.4 |
| ZPS-309 | 3.3 | 5.1 | 3.6 | 6.0 | 5.8 | 4.4 | 5.3 | 5.0 | 7.8 | 8.1 | 4.6 | 6.9 | 5.1 | 5.3 | 4.8 | 5.4 |
| BA 81-220 | 4.2 | 5.7 | 3.9 | 6.9 | 5.5 | 3.7 | 5.1 | 3.6 | 8.4 | 7.7 | 5.8 | 7.0 | 5.4 | 2.8 | 5.1 | 5.4 |
| DRAGON (ZPS-429) | 4.0 | 4.6 | 3.6 | 6.4 | 5.4 | 4.9 | 5.0 | 4.9 | 8.1 | 7.0 | 5.6 | 7.1 | 5.7 | 2.9 | 5.4 | 5.4 |
| MISTY (BA 76-372) | 4.0 | 5.9 | 3.7 | 5.7 | 5.7 | 4.4 | 5.6 | 4.8 | 8.0 | 7.4 | 5.7 | 7.1 | 6.1 | 2.7 | 3.8 | 5.4 |
| BARON | 3.9 | 5.6 | 3.4 | 6.0 | 5.6 | 4.5 | 5.0 | 3.3 | 8.2 | 8.1 | 5.6 | 6.9 | 4.8 | 4.8 | 4.6 | 5.3 |
| PICK-855 | 4.0 | 5.3 | 3.4 | 6.0 | 5.5 | 4.8 | 5.8 | 4.9 | 7.6 | 7.4 | 6.4 | 6.9 | 4.6 | 3.3 | 4.0 | 5.3 |
| A88-744 | 3.7 | 4.9 | 3.3 | 6.8 | 5.0 | 4.6 | 5.0 | 3.9 | 7.7 | 7.3 | 5.4 | 7.3 | 4.9 | 4.6 | 5.2 | 5.3 |
| NIMBUS | 4.0 | 5.7 | 3.6 | 6.0 | 5.6 | 4.5 | 5.5 | 3.8 | 8.0 | 7.7 | 5.3 | 6.7 | 5.4 | 3.0 | 4.9 | 5.3 |
| BA 75-163 | 3.4 | 4.8 | 3.7 | 7.3 | 5.1 | 4.4 | 5.3 | 4.2 | 8.1 | 7.6 | 5.2 | 7.7 | 4.9 | 3.1 | 4.8 | 5.3 |
| LTP-620 | 4.2 | 5.1 | 3.5 | 5.7 | 5.8 | 5.0 | 5.1 | 4.0 | 8.0 | 7.4 | 5.3 | 6.7 | 3.9 | 4.5 | 5.0 | 5.3 |
| BLUECHIP (MED-1991) | 3.9 | 5.4 | 3.1 | 6.0 | 5.8 | 4.5 | 5.2 | 3.3 | 8.1 | 6.0 | 5.4 | 7.1 | 4.9 | 5.3 | 5.1 | 5.3 |

TABLE 8. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT FIFTEEN LOCATIONS
USING 3.1-4.0 LBS OF NITROGEN/1000 SQ. FT./YEAR
1998 DATA

| NAME | TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF | | | | | | | | | | | | | | | |
|--------------------|---|-----|------|-----|-----|------|-----|------|-----|------|-----|-----|-----|------|------|------|
| | IL1 | IN1 | KS1 | KY1 | MO1 | NC1 | NE1 | NJ2 | OH1 | ON1 | PA1 | QE1 | RI1 | UB1 | VA1 | MEAN |
| VB 16015 | 3.8 | 4.5 | 2.4 | 6.3 | 5.3 | 5.2 | 5.4 | 4.6 | 8.3 | 7.5 | 5.4 | 7.5 | 4.0 | 3.9 | 4.4 | 5.2 |
| J-1555 | 3.9 | 2.8 | 3.5 | 6.5 | 5.7 | 4.7 | 5.5 | 3.6 | 8.3 | 6.3 | 4.8 | 7.2 | 5.0 | 5.7 | 4.6 | 5.2 |
| SIDEKICK | 3.9 | 4.5 | 3.0 | 7.1 | 5.0 | 4.5 | 4.3 | 4.6 | 7.9 | 7.6 | 4.5 | 6.8 | 4.7 | 3.7 | 5.9 | 5.2 |
| HV 242 | 3.1 | 5.9 | 3.6 | 5.3 | 5.3 | 4.0 | 5.9 | 4.4 | 7.9 | 7.1 | 2.7 | 7.0 | 5.6 | 6.0 | 3.8 | 5.2 |
| BA 81-113 | 3.2 | 5.0 | 3.8 | 6.5 | 5.3 | 4.9 | 4.7 | 4.0 | 8.1 | 6.7 | 4.8 | 6.9 | 4.9 | 3.0 | 5.2 | 5.1 |
| SRX 2205 | 3.2 | 5.5 | 4.4 | 4.5 | 5.4 | 4.0 | 5.1 | 4.7 | 8.1 | 6.6 | 5.8 | 6.5 | 5.0 | 3.2 | 4.8 | 5.1 |
| H86-690 | 4.0 | 4.9 | 3.7 | 4.9 | 4.9 | 4.6 | 5.3 | 3.9 | 8.1 | 6.7 | 5.9 | 7.2 | 4.6 | 3.5 | 4.4 | 5.1 |
| BAR VB 6820 | 3.4 | 5.5 | 2.9 | 3.7 | 5.0 | 4.1 | 5.2 | 6.0 | 8.0 | 7.9 | 2.9 | 7.5 | 4.2 | 6.0 | 3.0 | 5.0 |
| COMPACT | 3.9 | 3.2 | 3.5 | 5.3 | 5.4 | 4.3 | 4.9 | 3.2 | 7.7 | 6.6 | 5.9 | 6.5 | 5.0 | 4.9 | 4.5 | 5.0 |
| SODNET | 3.7 | 4.9 | 2.9 | 3.8 | 5.3 | 3.9 | 5.5 | 4.3 | 8.0 | 6.8 | 5.0 | 7.6 | 3.4 | 3.8 | 3.7 | 4.8 |
| LIPOA | 3.5 | 3.4 | 3.8 | 3.5 | 5.3 | 4.1 | 5.1 | 3.6 | 8.1 | 6.7 | 4.3 | 7.0 | 4.3 | 5.4 | 3.1 | 4.7 |
| BARUZO | 2.7 | 3.5 | 2.1 | 4.0 | 4.3 | 4.9 | 3.9 | 4.0 | 7.8 | 7.9 | 5.7 | 6.9 | 4.9 | 2.4 | 3.8 | 4.6 |
| PEPAYA (DP 37-192) | 3.0 | 4.9 | 2.5 | 2.9 | 4.3 | 4.3 | 4.3 | 4.7 | 8.1 | 7.7 | 3.2 | 7.2 | 3.2 | 4.4 | 3.4 | 4.5 |
| KENBLUE | 3.5 | 3.1 | 3.1 | 5.8 | 4.7 | 4.8 | 4.1 | 3.3 | 6.8 | 5.7 | 4.9 | 6.9 | 4.2 | 2.2 | 3.8 | 4.4 |
| LSD VALUE | 0.9 | 0.9 | 1.1 | 0.9 | 0.9 | 1.2 | 0.7 | 1.2 | 0.5 | 1.3 | 0.9 | 0.5 | 0.8 | 1.2 | 1.0 | 0.2 |
| C.V. (%) | 13.7 | 9.6 | 18.7 | 9.0 | 9.4 | 16.5 | 7.7 | 15.8 | 3.5 | 10.9 | 9.7 | 4.4 | 8.9 | 15.0 | 12.6 | 10.6 |

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

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

TABLE 9. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 GROWN UNDER MEDIUM/HIGH INPUT AT SIX LOCATIONS
 USING 4.1+ LBS OF NITROGEN/1000 SQ. FT./YEAR 1/
 1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

| NAME | IL2 | MA1 | ME1 | MO3 | UT1 | WA1 | MEAN |
|--------------------------|-----|-----|-----|-----|-----|-----|------|
| TOTAL ECLIPSE (TCR-1738) | 8.0 | 5.6 | 8.0 | 8.1 | 6.9 | 7.4 | 7.3 |
| MIDNIGHT | 8.3 | 5.1 | 7.7 | 8.0 | 6.8 | 7.5 | 7.2 |
| IMPACT (J-1576) | 7.8 | 5.5 | 7.7 | 8.0 | 6.9 | 7.2 | 7.2 |
| ODYSSEY (J-1561) | 7.1 | 5.4 | 8.2 | 8.0 | 6.5 | 7.0 | 7.0 |
| BRILLIANT (PST-B2-42) | 7.9 | 7.3 | 7.7 | 6.9 | 5.5 | 6.9 | 7.0 |
| LIBERATOR (ZPS-2572) | 7.6 | 5.2 | 7.8 | 8.0 | 6.2 | 7.1 | 7.0 |
| NUGLADE | 6.9 | 5.5 | 7.7 | 8.0 | 6.5 | 7.1 | 7.0 |
| APOLLO (PST-B3-180) | 7.1 | 7.0 | 7.8 | 6.3 | 6.4 | 6.7 | 6.9 |
| PRINCETON 105 | 7.8 | 6.1 | 7.3 | 6.6 | 6.2 | 7.0 | 6.8 |
| RUGBY II (MED-18) | 7.0 | 5.0 | 7.5 | 7.5 | 6.5 | 7.3 | 6.8 |
| SHOWCASE (PST-BO-141) | 7.7 | 6.7 | 7.0 | 6.5 | 6.0 | 6.9 | 6.8 |
| UNIQUE | 7.7 | 6.3 | 7.3 | 6.7 | 5.9 | 6.8 | 6.8 |
| ARCADIA (J-1936) | 6.8 | 5.5 | 7.2 | 7.3 | 6.8 | 7.1 | 6.8 |
| MOONLIGHT (PST-A418) | 7.0 | 4.5 | 7.8 | 7.6 | 6.3 | 7.5 | 6.8 |
| AMERICA | 7.3 | 7.2 | 7.4 | 6.2 | 5.8 | 6.5 | 6.7 |
| AWARD | 6.9 | 4.5 | 7.3 | 8.1 | 6.5 | 7.1 | 6.7 |
| QUANTUM LEAP (J-1567) | 7.1 | 4.9 | 7.4 | 7.4 | 6.6 | 6.7 | 6.7 |
| PICK 8 | 8.0 | 4.5 | 7.1 | 7.1 | 6.3 | 6.8 | 6.6 |
| NORTH STAR (PST-A7-60) | 5.4 | 5.7 | 7.4 | 7.0 | 7.3 | 7.0 | 6.6 |
| CHICAGO (J-2582) | 7.2 | 5.3 | 7.1 | 6.4 | 6.1 | 6.7 | 6.5 |
| ABSOLUTE (MED-1497) | 6.3 | 4.4 | 7.8 | 7.2 | 5.9 | 7.1 | 6.5 |
| GLADE | 6.1 | 5.2 | 6.5 | 7.2 | 6.9 | 6.8 | 6.4 |
| BLACKSTONE (PST-638) | 7.0 | 4.2 | 7.4 | 7.0 | 5.9 | 6.7 | 6.4 |
| WILDWOOD | 5.5 | 4.7 | 8.2 | 7.0 | 5.5 | 7.2 | 6.3 |
| SERENE (PST-A7-245A) | 6.6 | 5.7 | 7.1 | 7.3 | 5.2 | 6.1 | 6.3 |
| CONNI | 5.8 | 6.8 | 6.8 | 6.5 | 5.6 | 6.4 | 6.3 |
| RAMBO (J-2579) | 5.4 | 7.3 | 7.4 | 6.9 | 4.9 | 6.0 | 6.3 |
| PLATINI | 6.6 | 5.5 | 7.3 | 6.5 | 5.2 | 6.6 | 6.3 |
| ASP200 (HV 130) | 5.9 | 6.7 | 6.9 | 6.7 | 5.3 | 6.1 | 6.3 |
| SEABRING (BA 79-260) | 6.4 | 3.9 | 7.9 | 7.3 | 5.1 | 7.1 | 6.3 |
| BLACKSBURG | 6.2 | 4.4 | 7.0 | 7.0 | 6.0 | 6.9 | 6.2 |
| ZPS-309 | 6.8 | 4.9 | 7.6 | 6.5 | 5.2 | 6.1 | 6.2 |
| EA 81-058 | 6.5 | 4.7 | 7.1 | 7.1 | 5.1 | 6.5 | 6.2 |
| LIMOUSINE | 5.1 | 7.8 | 7.9 | 6.2 | 4.6 | 5.5 | 6.2 |
| EST-P46 | 5.8 | 3.9 | 7.6 | 7.0 | 5.8 | 6.8 | 6.2 |
| BAR VB 3115B | 7.3 | 6.2 | 7.3 | 6.0 | 4.4 | 5.5 | 6.1 |
| BAR VB 233 | 6.3 | 4.9 | 7.6 | 6.5 | 5.2 | 6.2 | 6.1 |
| SR 2000 | 6.0 | 5.4 | 6.7 | 7.2 | 5.2 | 6.3 | 6.1 |
| EST-BO-165 | 6.7 | 5.2 | 6.4 | 7.2 | 5.0 | 6.0 | 6.1 |
| ALLURE | 6.5 | 4.9 | 6.8 | 7.1 | 4.8 | 6.3 | 6.1 |
| ZPS-2183 | 5.3 | 5.4 | 6.8 | 6.5 | 5.6 | 6.7 | 6.1 |
| EXPLORER (PICK-3561) | 6.2 | 5.0 | 7.0 | 6.7 | 5.3 | 6.2 | 6.1 |
| CHAMPAGNE (LTP-621) | 6.5 | 4.6 | 6.9 | 6.5 | 5.5 | 6.2 | 6.0 |
| ECLIPSE | 6.7 | 4.5 | 7.1 | 6.3 | 5.3 | 6.3 | 6.0 |

TABLE 9. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT SIX LOCATIONS
USING 4.1+ LBS OF NITROGEN/1000 SQ. FT./YEAR
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

| NAME | IL2 | MA1 | ME1 | MO3 | UT1 | WA1 | MEAN |
|----------------------|-----|-----|-----|-----|-----|-----|------|
| SR 2109 | 5.8 | 4.7 | 7.0 | 6.3 | 6.1 | 6.3 | 6.0 |
| BAR VB 6820 | 4.1 | 4.2 | 8.1 | 6.4 | 6.3 | 7.0 | 6.0 |
| SHAMROCK | 6.2 | 4.7 | 7.4 | 6.5 | 5.3 | 6.0 | 6.0 |
| CHALLENGER | 5.3 | 4.2 | 7.3 | 6.8 | 5.5 | 6.8 | 6.0 |
| COVENTRY | 6.0 | 5.1 | 6.9 | 7.3 | 5.0 | 5.5 | 6.0 |
| EA 77-702 | 6.0 | 4.0 | 6.7 | 7.2 | 5.4 | 6.6 | 6.0 |
| J-1555 | 5.9 | 4.3 | 6.9 | 6.9 | 5.4 | 6.3 | 5.9 |
| FORTUNA | 5.8 | 3.9 | 7.0 | 6.8 | 5.6 | 6.7 | 5.9 |
| CHATEAU | 6.0 | 4.9 | 6.5 | 6.8 | 5.0 | 6.3 | 5.9 |
| BAR VB 5649 | 6.7 | 4.9 | 6.6 | 6.1 | 5.1 | 6.2 | 5.9 |
| EA 70-060 | 5.7 | 4.2 | 6.7 | 6.9 | 5.4 | 6.6 | 5.9 |
| CALIBER | 5.6 | 5.2 | 7.2 | 6.1 | 5.1 | 6.1 | 5.9 |
| JEWEL (BA 81-227) | 6.6 | 3.7 | 6.9 | 6.7 | 5.1 | 6.5 | 5.9 |
| A88-744 | 6.4 | 4.1 | 6.9 | 6.7 | 5.1 | 6.2 | 5.9 |
| HV 242 | 6.1 | 5.9 | 6.6 | 6.1 | 4.9 | 5.9 | 5.9 |
| EA 81-270 | 6.7 | 4.1 | 6.9 | 6.8 | 4.7 | 6.1 | 5.9 |
| VB 16015 | 5.3 | 3.6 | 6.8 | 7.1 | 5.7 | 6.7 | 5.9 |
| NUSTAR | 5.5 | 4.1 | 6.7 | 6.6 | 5.9 | 6.2 | 5.8 |
| ABBEY | 6.0 | 4.1 | 6.6 | 6.6 | 5.8 | 5.9 | 5.8 |
| ASCOT | 4.9 | 3.8 | 7.3 | 6.8 | 5.6 | 6.6 | 5.8 |
| EA 81-220 | 4.6 | 3.5 | 6.8 | 6.9 | 6.2 | 6.9 | 5.8 |
| EA 75-490 | 6.8 | 3.7 | 6.9 | 6.3 | 5.1 | 6.0 | 5.8 |
| EA 75-163 | 5.9 | 3.2 | 6.7 | 6.6 | 5.4 | 7.0 | 5.8 |
| EA 73-373 | 5.4 | 4.1 | 6.8 | 6.5 | 5.3 | 6.5 | 5.8 |
| JEFFERSON | 5.4 | 5.5 | 6.6 | 6.0 | 5.1 | 6.2 | 5.8 |
| BARONIE | 6.5 | 4.7 | 6.7 | 6.0 | 4.7 | 6.0 | 5.8 |
| BARON | 5.0 | 3.4 | 7.0 | 6.5 | 6.1 | 6.7 | 5.8 |
| RAVEN | 5.4 | 4.3 | 6.4 | 6.9 | 5.1 | 6.4 | 5.8 |
| LIVINGSTON | 6.1 | 5.2 | 6.2 | 6.2 | 4.7 | 6.0 | 5.8 |
| GOLDRUSH (BA 87-102) | 5.8 | 3.1 | 6.9 | 7.0 | 5.4 | 6.4 | 5.8 |
| BLUECHIP (MED-1991) | 4.5 | 4.3 | 6.9 | 6.3 | 5.7 | 6.6 | 5.7 |
| HAGA | 6.5 | 5.0 | 6.3 | 6.1 | 4.8 | 5.7 | 5.7 |
| NJ 1190 | 4.0 | 7.1 | 7.4 | 5.6 | 4.3 | 6.0 | 5.7 |
| NJ-54 | 6.4 | 3.9 | 6.2 | 6.4 | 5.3 | 6.0 | 5.7 |
| BARTITIA | 3.6 | 4.8 | 7.4 | 5.8 | 5.8 | 6.7 | 5.7 |
| IKB-95 | 4.2 | 5.5 | 6.8 | 6.0 | 5.4 | 6.1 | 5.7 |
| EA 81-113 | 4.5 | 3.8 | 6.6 | 6.8 | 5.7 | 6.6 | 5.7 |
| MED-1580 | 5.1 | 3.4 | 6.6 | 6.3 | 5.8 | 6.5 | 5.6 |
| NJ-GD | 5.5 | 4.0 | 6.9 | 6.2 | 4.7 | 6.4 | 5.6 |
| CARDIFF | 4.0 | 5.1 | 7.1 | 5.9 | 5.2 | 6.5 | 5.6 |
| ENVICTA (BA 75-173) | 4.6 | 3.9 | 6.7 | 6.9 | 5.3 | 6.4 | 5.6 |
| MARQUIS | 4.1 | 3.7 | 6.8 | 6.9 | 5.6 | 6.5 | 5.6 |
| SR 2100 | 5.8 | 3.5 | 6.0 | 6.8 | 5.1 | 6.0 | 5.5 |
| DRAGON (ZPS-429) | 5.8 | 3.1 | 6.2 | 6.4 | 5.3 | 6.2 | 5.5 |
| SODNET | 3.9 | 3.2 | 7.3 | 6.8 | 5.2 | 6.6 | 5.5 |

TABLE 9. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT SIX LOCATIONS
USING 4.1+ LBS OF NITROGEN/1000 SQ. FT./YEAR
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

| NAME | IL2 | MA1 | ME1 | MO3 | UT1 | WA1 | MEAN |
|--------------------|------|------|-----|-----|-----|-----|------|
| CLASSIC | 5.0 | 4.4 | 6.9 | 6.1 | 4.8 | 5.6 | 5.5 |
| LTP-620 | 5.7 | 3.2 | 6.6 | 6.0 | 5.1 | 6.1 | 5.5 |
| NIMBUS | 4.4 | 4.1 | 6.8 | 6.2 | 5.2 | 5.8 | 5.4 |
| SIDEKICK | 5.6 | 3.0 | 6.5 | 6.5 | 4.9 | 5.8 | 5.4 |
| PEPAYA (DP 37-192) | 3.8 | 4.9 | 5.8 | 5.8 | 5.6 | 6.0 | 5.3 |
| PICK-855 | 4.2 | 3.9 | 6.7 | 5.9 | 5.4 | 5.7 | 5.3 |
| EA 76-197 | 3.5 | 4.9 | 6.8 | 5.6 | 4.9 | 6.0 | 5.3 |
| MISTY (BA 76-372) | 4.2 | 2.8 | 6.9 | 6.3 | 5.0 | 6.0 | 5.2 |
| H86-690 | 3.5 | 3.0 | 6.4 | 5.7 | 6.0 | 6.1 | 5.1 |
| LIPOA | 3.3 | 4.0 | 6.4 | 5.6 | 4.9 | 5.7 | 5.0 |
| BARUZO | 3.7 | 3.1 | 6.2 | 5.7 | 5.4 | 5.7 | 5.0 |
| SRX 2205 | 3.5 | 3.2 | 5.5 | 5.9 | 5.4 | 5.9 | 4.9 |
| COMPACT | 4.3 | 3.1 | 6.0 | 5.8 | 4.4 | 5.4 | 4.8 |
| KENBLUE | 4.5 | 2.7 | 5.4 | 5.5 | 3.9 | 4.8 | 4.5 |
| LSL VALUE | 1.2 | 1.1 | 0.8 | 0.5 | 0.8 | 0.5 | 0.4 |
| C.V. (%) | 12.5 | 15.2 | 7.3 | 4.7 | 9.1 | 5.1 | 9.0 |

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

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

TABLE 10. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT DIFFERENT MOWING HEIGHTS 1/
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

| NAME | MOWING HEIGHTS (INCHES) | | | | MEAN |
|--------------------------|-------------------------|---------|---------|------|------|
| | 0.5-1.0 | 1.1-1.5 | 1.6-2.0 | 2.1+ | |
| BRILLIANT (PST-B2-42) | 6.4 | 6.6 | 6.9 | 6.5 | 6.6 |
| MIDNIGHT | 5.7 | 7.0 | 6.8 | 6.6 | 6.5 |
| LIBERATOR (ZPS-2572) | 5.7 | 6.9 | 6.7 | 6.8 | 6.5 |
| AWARD | 5.7 | 6.8 | 6.9 | 6.8 | 6.5 |
| TOTAL ECLIPSE (TCR-1738) | 5.9 | 6.7 | 6.7 | 6.7 | 6.5 |
| ODYSSEY (J-1561) | 5.7 | 6.7 | 6.6 | 6.8 | 6.4 |
| APOLLO (PST-B3-180) | 6.2 | 6.4 | 6.9 | 6.3 | 6.4 |
| IMPACT (J-1576) | 5.9 | 6.6 | 6.7 | 6.7 | 6.4 |
| NUGLADE | 5.9 | 6.6 | 6.7 | 6.5 | 6.4 |
| UNIQUE | 6.2 | 6.4 | 6.8 | 6.2 | 6.4 |
| AMERICA | 6.2 | 6.4 | 6.7 | 6.2 | 6.4 |
| SHOWCASE (PST-BO-141) | 6.1 | 6.5 | 6.5 | 6.3 | 6.4 |
| RUGBY II (MED-18) | 5.8 | 6.5 | 6.6 | 6.7 | 6.3 |
| PRINCETON 105 | 5.7 | 6.5 | 6.8 | 6.4 | 6.3 |
| MOONLIGHT (PST-A418) | 5.3 | 6.7 | 6.7 | 6.5 | 6.3 |
| BLACKSTONE (PST-638) | 5.4 | 6.7 | 6.6 | 6.4 | 6.3 |
| NORTH STAR (PST-A7-60) | 5.8 | 6.1 | 7.3 | 6.6 | 6.3 |
| QUANTUM LEAP (J-1567) | 5.6 | 6.4 | 6.4 | 6.7 | 6.2 |
| PICK 8 | 5.5 | 6.4 | 6.8 | 6.4 | 6.2 |
| ARCADIA (J-1936) | 5.6 | 6.3 | 6.5 | 6.6 | 6.2 |
| BLACKSBURG | 5.4 | 6.3 | 7.0 | 6.2 | 6.1 |
| WILDWOOD | 5.4 | 6.0 | 7.2 | 6.4 | 6.1 |
| GLADE | 5.6 | 6.1 | 6.5 | 6.4 | 6.1 |
| SERENE (PST-A7-245A) | 5.5 | 6.0 | 6.3 | 6.7 | 6.0 |
| ABSOLUTE (MED-1497) | 5.5 | 5.9 | 6.8 | 6.4 | 6.0 |
| JEFFERSON | 5.3 | 6.3 | 6.3 | 6.2 | 6.0 |
| CHAMPAGNE (LTP-621) | 5.3 | 6.2 | 6.1 | 6.5 | 6.0 |
| CHICAGO (J-2582) | 5.5 | 6.0 | 6.4 | 6.3 | 6.0 |
| RAMBO (J-2579) | 5.9 | 5.7 | 6.5 | 6.3 | 6.0 |
| ZPS-2183 | 5.3 | 6.1 | 6.6 | 6.2 | 6.0 |
| ECLIPSE | 5.3 | 6.1 | 6.4 | 6.3 | 6.0 |
| BAR VB 3115B | 5.5 | 5.9 | 6.1 | 6.5 | 5.9 |
| SR 2109 | 5.5 | 5.8 | 6.7 | 6.1 | 5.9 |
| EXPLORER (PICK-3561) | 5.5 | 5.9 | 6.2 | 6.4 | 5.9 |
| NUSTAR | 5.3 | 6.0 | 6.2 | 6.5 | 5.9 |
| SR 2000 | 5.3 | 5.9 | 6.3 | 6.4 | 5.9 |
| PLATINI | 5.5 | 6.1 | 6.1 | 5.8 | 5.9 |
| CHATEAU | 5.2 | 5.9 | 6.2 | 6.5 | 5.9 |
| LIMOUSINE | 6.0 | 5.6 | 6.1 | 6.0 | 5.9 |
| CONNI | 5.6 | 5.7 | 6.6 | 6.0 | 5.9 |
| NJ-GD | 5.0 | 6.1 | 6.5 | 6.4 | 5.9 |
| BA 81-058 | 5.0 | 6.1 | 5.9 | 6.5 | 5.9 |
| ALLURE | 5.1 | 5.9 | 6.2 | 6.6 | 5.8 |
| PST-P46 | 5.0 | 5.9 | 6.9 | 6.2 | 5.8 |
| LKB-95 | 5.4 | 5.8 | 6.2 | 6.4 | 5.8 |

TABLE 10. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT DIFFERENT MOWING HEIGHTS
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

| NAME | MOWING HEIGHTS (INCHES) | | | | MEAN |
|----------------------|-------------------------|---------|---------|------|------|
| | 0.5-1.0 | 1.1-1.5 | 1.6-2.0 | 2.1+ | |
| COVENTRY | 5.2 | 5.8 | 6.2 | 6.6 | 5.8 |
| ASP200 (HV 130) | 5.7 | 5.7 | 6.0 | 6.1 | 5.8 |
| SHAMROCK | 5.2 | 5.9 | 6.2 | 6.3 | 5.8 |
| NJ 1190 | 5.6 | 5.6 | 6.4 | 6.2 | 5.8 |
| BAR VB 5649 | 5.4 | 5.9 | 6.0 | 6.1 | 5.8 |
| LIVINGSTON | 5.3 | 5.9 | 6.0 | 6.3 | 5.8 |
| SEABRING (BA 79-260) | 4.8 | 5.9 | 6.6 | 6.6 | 5.8 |
| CALIBER | 5.3 | 5.9 | 5.8 | 6.1 | 5.8 |
| PST-BO-165 | 5.2 | 5.8 | 6.0 | 6.5 | 5.8 |
| BA 81-270 | 5.1 | 5.8 | 6.3 | 6.5 | 5.8 |
| BARONIE | 5.1 | 5.9 | 5.9 | 6.3 | 5.7 |
| CHALLENGER | 5.2 | 5.7 | 6.1 | 6.4 | 5.7 |
| JEWEL (BA 81-227) | 5.0 | 5.9 | 6.3 | 6.1 | 5.7 |
| ASCOT | 4.9 | 5.6 | 6.6 | 6.4 | 5.7 |
| RAVEN | 4.9 | 5.7 | 6.1 | 6.5 | 5.7 |
| FORTUNA | 5.0 | 5.6 | 6.2 | 6.3 | 5.7 |
| MARQUIS | 5.0 | 5.6 | 6.2 | 6.3 | 5.7 |
| BA 70-060 | 4.9 | 5.7 | 5.9 | 6.4 | 5.6 |
| BAR VB 233 | 5.3 | 5.9 | 5.6 | 5.7 | 5.6 |
| BA 77-702 | 4.8 | 5.8 | 6.1 | 6.3 | 5.6 |
| BA 75-490 | 4.7 | 5.9 | 6.1 | 6.2 | 5.6 |
| BA 73-373 | 4.8 | 5.8 | 6.1 | 6.2 | 5.6 |
| ABBEY | 4.9 | 5.8 | 5.7 | 6.4 | 5.6 |
| ZPS-309 | 5.0 | 5.9 | 5.6 | 6.1 | 5.6 |
| CLASSIC | 5.0 | 5.8 | 5.8 | 6.1 | 5.6 |
| HAGA | 4.9 | 5.8 | 5.9 | 6.0 | 5.6 |
| NJ-54 | 4.9 | 5.7 | 5.7 | 6.3 | 5.6 |
| BARON | 4.9 | 5.4 | 6.3 | 6.5 | 5.6 |
| BA 81-220 | 4.8 | 5.5 | 6.3 | 6.3 | 5.6 |
| BARTITIA | 5.4 | 5.0 | 6.4 | 6.3 | 5.6 |
| GOLDRUSH (BA 87-102) | 5.0 | 5.6 | 5.7 | 6.4 | 5.6 |
| ENVICTA (BA 75-173) | 4.9 | 5.6 | 5.8 | 6.3 | 5.6 |
| SR 2100 | 4.7 | 5.7 | 6.0 | 6.3 | 5.6 |
| A88-744 | 4.7 | 5.8 | 5.9 | 6.2 | 5.5 |
| MED-1580 | 4.8 | 5.6 | 5.9 | 6.2 | 5.5 |
| DRAGON (ZPS-429) | 4.4 | 5.9 | 6.1 | 6.0 | 5.5 |
| CARDIFF | 5.0 | 5.3 | 6.1 | 6.2 | 5.5 |
| BLUECHIP (MED-1991) | 5.0 | 5.4 | 6.1 | 6.0 | 5.5 |
| J-1555 | 4.8 | 5.5 | 6.0 | 6.0 | 5.5 |
| BA 76-197 | 5.0 | 5.4 | 5.8 | 6.1 | 5.5 |
| BA 75-163 | 4.5 | 5.6 | 5.9 | 6.2 | 5.5 |
| MISTY (BA 76-372) | 4.6 | 5.4 | 6.4 | 6.2 | 5.4 |
| VB 16015 | 4.5 | 5.6 | 5.9 | 6.2 | 5.4 |
| NIMBUS | 4.8 | 5.4 | 5.7 | 6.2 | 5.4 |
| LTP-620 | 4.7 | 5.4 | 6.0 | 6.1 | 5.4 |

TABLE 10. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT DIFFERENT MOWING HEIGHTS
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

| NAME | MOWING HEIGHTS (INCHES) | | | | MEAN |
|--------------------|-------------------------|---------|---------|------|------|
| | 0.5-1.0 | 1.1-1.5 | 1.6-2.0 | 2.1+ | |
| HV 242 | 5.3 | 5.5 | 5.1 | 5.5 | 5.4 |
| BAR VB 6820 | 5.1 | 5.3 | 5.3 | 6.0 | 5.4 |
| PICK-855 | 4.7 | 5.3 | 6.0 | 6.0 | 5.4 |
| SIDEKICK | 4.3 | 5.7 | 5.7 | 6.1 | 5.4 |
| BA 81-113 | 4.5 | 5.4 | 5.8 | 6.1 | 5.3 |
| H86-690 | 4.6 | 5.0 | 5.6 | 5.9 | 5.1 |
| SFX 2205 | 4.6 | 5.0 | 5.7 | 5.8 | 5.1 |
| SODNET | 4.5 | 4.8 | 5.7 | 6.1 | 5.1 |
| COMPACT | 4.3 | 4.9 | 5.4 | 5.6 | 4.9 |
| LIPOA | 4.7 | 4.5 | 5.5 | 5.6 | 4.9 |
| PEPAYA (DP 37-192) | 4.6 | 4.6 | 4.9 | 5.7 | 4.8 |
| BARUZO | 3.7 | 4.8 | 5.3 | 5.7 | 4.7 |
| KENBLUE | 3.6 | 4.8 | 5.0 | 5.4 | 4.6 |
| LSD VALUE | 0.3 | 0.3 | 0.4 | 0.4 | 0.2 |
| C.V. (%) | 11.2 | 10.2 | 7.4 | 9.0 | 9.8 |

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

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

TABLE 11. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 GROWN UNDER MEDIUM/HIGH INPUT AT EIGHT LOCATIONS 1/
 USING A 0.5-1.0 INCH MOWING HEIGHT
 1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

| NAME | AB1 | IL1 | IN1 | KS1 | MA1 | NE1 | UB1 | UT1 | MEAN |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|
| BRILLIANT (PST-B2-42) | 7.4 | 4.8 | 7.1 | 5.6 | 7.3 | 6.2 | 7.3 | 5.5 | 6.4 |
| UNIQUE | 7.3 | 4.2 | 6.9 | 6.0 | 6.3 | 6.4 | 6.7 | 5.9 | 6.2 |
| AMERICA | 7.1 | 4.4 | 7.0 | 5.5 | 7.2 | 6.1 | 6.5 | 5.8 | 6.2 |
| APOLLO (EST-B3-180) | 7.0 | 4.0 | 6.7 | 5.5 | 7.0 | 6.0 | 6.9 | 6.4 | 6.2 |
| SHOWCASE (PST-BO-141) | 7.1 | 4.4 | 6.6 | 5.6 | 6.7 | 5.9 | 6.1 | 6.0 | 6.1 |
| LIMOUSINE | 7.6 | 4.0 | 6.3 | 3.8 | 7.8 | 6.4 | 7.5 | 4.6 | 6.0 |
| TOTAL ECLIPSE (TCR-1738) | 7.4 | 4.4 | 6.1 | 3.5 | 5.6 | 6.6 | 6.8 | 6.9 | 5.9 |
| NUGLADE | 7.6 | 5.2 | 6.0 | 3.3 | 5.5 | 6.4 | 6.7 | 6.5 | 5.9 |
| RAMBO (J-2579) | 7.4 | 4.3 | 6.3 | 3.1 | 7.3 | 6.6 | 7.1 | 4.9 | 5.9 |
| IMPACT (J-1576) | 6.9 | 4.4 | 6.0 | 3.7 | 5.5 | 6.7 | 6.8 | 6.9 | 5.9 |
| NORTH STAR (PST-A7-60) | 7.3 | 5.7 | 6.2 | 3.6 | 5.7 | 5.5 | 5.0 | 7.3 | 5.8 |
| RUGBY II (MED-18) | 7.4 | 4.6 | 5.9 | 3.6 | 5.0 | 6.7 | 6.5 | 6.5 | 5.8 |
| MIDNIGHT | 7.5 | 4.3 | 6.3 | 3.8 | 5.1 | 5.8 | 6.4 | 6.8 | 5.7 |
| ODYSSEY (J-1561) | 7.1 | 4.4 | 6.0 | 3.4 | 5.4 | 6.1 | 6.9 | 6.5 | 5.7 |
| LIBERATOR (ZPS-2572) | 7.4 | 4.0 | 5.9 | 3.9 | 5.2 | 6.8 | 6.5 | 6.2 | 5.7 |
| PRINCETON 105 | 7.1 | 5.4 | 6.1 | 3.5 | 6.1 | 5.8 | 5.5 | 6.2 | 5.7 |
| ASP200 (HV 130) | 6.9 | 3.8 | 6.4 | 4.9 | 6.7 | 5.8 | 5.8 | 5.3 | 5.7 |
| AWARD | 7.4 | 4.0 | 6.6 | 3.3 | 4.5 | 6.4 | 6.7 | 6.5 | 5.7 |
| CONNI | 6.8 | 4.3 | 6.1 | 3.2 | 6.8 | 6.0 | 6.2 | 5.6 | 5.6 |
| QUANTUM LEAP (J-1567) | 7.4 | 4.0 | 5.6 | 3.9 | 4.9 | 6.2 | 6.3 | 6.6 | 5.6 |
| ARCADIA (J-1936) | 7.2 | 3.6 | 5.3 | 4.2 | 5.5 | 6.1 | 6.2 | 6.8 | 5.6 |
| NJ 1190 | 7.5 | 3.6 | 6.3 | 3.5 | 7.1 | 7.5 | 4.8 | 4.3 | 5.6 |
| GLADE | 6.9 | 4.9 | 5.5 | 3.8 | 5.2 | 5.2 | 6.0 | 6.9 | 5.6 |
| PICK 8 | 7.2 | 4.6 | 5.8 | 4.7 | 4.5 | 6.1 | 5.1 | 6.3 | 5.5 |
| SR 2109 | 7.2 | 4.7 | 6.4 | 4.7 | 4.7 | 5.7 | 4.7 | 6.1 | 5.5 |
| SERENE (PST-A7-245A) | 7.2 | 4.8 | 6.0 | 3.7 | 5.7 | 6.2 | 5.2 | 5.2 | 5.5 |
| ABSOLUTE (MED-1497) | 7.4 | 4.5 | 6.5 | 3.0 | 4.4 | 6.3 | 5.9 | 5.9 | 5.5 |
| EXPLORER (PICK-3561) | 7.3 | 4.8 | 5.2 | 3.9 | 5.0 | 6.0 | 6.5 | 5.3 | 5.5 |
| PLATINI | 7.3 | 3.4 | 5.8 | 4.2 | 5.5 | 6.4 | 6.0 | 5.2 | 5.5 |
| BAR VB 3115B | 7.1 | 4.8 | 5.9 | 3.7 | 6.2 | 5.7 | 6.1 | 4.4 | 5.5 |
| CHICAGO (J-2582) | 6.9 | 4.2 | 5.6 | 3.5 | 5.3 | 5.9 | 6.1 | 6.1 | 5.5 |
| BLACKSTONE (PST-638) | 7.1 | 4.6 | 5.7 | 4.6 | 4.2 | 6.0 | 5.1 | 5.9 | 5.4 |
| BARTITIA | 7.3 | 3.5 | 6.4 | 3.6 | 4.8 | 6.1 | 5.6 | 5.8 | 5.4 |
| BAR VB 5649 | 7.3 | 3.4 | 5.9 | 4.1 | 4.9 | 6.1 | 6.3 | 5.1 | 5.4 |
| BLACKSBURG | 7.1 | 3.6 | 6.2 | 3.9 | 4.4 | 6.6 | 5.3 | 6.0 | 5.4 |
| WILDWOOD | 7.3 | 4.8 | 5.8 | 4.4 | 4.7 | 5.6 | 4.9 | 5.5 | 5.4 |
| LKB-95 | 7.1 | 4.8 | 5.4 | 4.0 | 5.5 | 5.6 | 5.1 | 5.4 | 5.4 |
| CALIBER | 7.2 | 4.3 | 5.5 | 3.7 | 5.2 | 5.7 | 6.0 | 5.1 | 5.3 |
| SR 2000 | 7.3 | 5.3 | 4.7 | 4.3 | 5.4 | 5.5 | 5.1 | 5.2 | 5.3 |
| ECLIPSE | 6.8 | 5.0 | 6.3 | 3.4 | 4.5 | 5.4 | 5.8 | 5.3 | 5.3 |
| HV 242 | 7.3 | 3.1 | 5.9 | 3.6 | 5.9 | 5.9 | 6.0 | 4.9 | 5.3 |
| LIVINGSTON | 6.9 | 4.6 | 6.4 | 4.2 | 5.2 | 5.2 | 5.2 | 4.7 | 5.3 |
| JEFFERSON | 6.4 | 4.6 | 6.0 | 4.1 | 5.5 | 5.8 | 5.0 | 5.1 | 5.3 |
| CHAMPAGNE (LTP-621) | 6.9 | 4.2 | 6.0 | 4.1 | 4.6 | 5.8 | 5.3 | 5.5 | 5.3 |

TABLE 11. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT EIGHT LOCATIONS
USING A 0.5-1.0 INCH MOWING HEIGHT
1998 DATA

| TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF | | | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|-----|-----|------|
| NAME | AB1 | IL1 | IN1 | KS1 | MA1 | NE1 | UB1 | UT1 | MEAN |
| MOONLIGHT (PST-A418) | 7.2 | 4.2 | 5.5 | 3.3 | 4.5 | 5.8 | 5.8 | 6.3 | 5.3 |
| ZPS-2183 | 7.0 | 3.8 | 5.4 | 4.4 | 5.4 | 5.7 | 5.0 | 5.6 | 5.3 |
| NUSTAR | 6.9 | 4.7 | 6.3 | 3.2 | 4.1 | 5.6 | 5.3 | 5.9 | 5.3 |
| BAR VB 233 | 7.3 | 3.4 | 5.9 | 3.9 | 4.9 | 5.8 | 5.8 | 5.2 | 5.3 |
| COVENTRY | 7.2 | 3.8 | 6.3 | 3.6 | 5.1 | 5.6 | 5.4 | 5.0 | 5.2 |
| CHATEAU | 7.4 | 4.0 | 5.8 | 4.2 | 4.9 | 5.9 | 4.8 | 5.0 | 5.2 |
| SHAMROCK | 7.2 | 4.6 | 6.7 | 3.6 | 4.7 | 5.9 | 4.0 | 5.3 | 5.2 |
| CHALLENGER | 7.2 | 4.0 | 6.0 | 4.1 | 4.2 | 5.8 | 4.8 | 5.5 | 5.2 |
| PST-BO-165 | 7.4 | 3.5 | 5.8 | 4.1 | 5.2 | 5.7 | 4.8 | 5.0 | 5.2 |
| BAR VB 6820 | 7.4 | 3.4 | 5.5 | 2.9 | 4.2 | 5.2 | 6.0 | 6.3 | 5.1 |
| BA 81-270 | 7.1 | 4.4 | 6.2 | 3.5 | 4.1 | 6.2 | 4.5 | 4.7 | 5.1 |
| ALLURE | 7.5 | 4.7 | 5.2 | 3.0 | 4.9 | 5.9 | 4.7 | 4.8 | 5.1 |
| BARONIE | 7.0 | 4.2 | 6.0 | 3.9 | 4.7 | 5.4 | 4.7 | 4.7 | 5.1 |
| BA 81-058 | 7.0 | 4.1 | 6.0 | 3.6 | 4.7 | 5.2 | 4.6 | 5.1 | 5.0 |
| MARQUIS | 7.1 | 4.3 | 5.9 | 4.0 | 3.7 | 5.0 | 4.8 | 5.6 | 5.0 |
| FORTUNA | 6.8 | 3.8 | 5.8 | 3.8 | 3.9 | 4.9 | 5.7 | 5.6 | 5.0 |
| GOLDRUSH (BA 87-102) | 7.0 | 3.9 | 5.7 | 4.6 | 3.1 | 5.1 | 5.1 | 5.4 | 5.0 |
| CARDIFF | 7.0 | 3.7 | 5.4 | 2.6 | 5.1 | 5.7 | 5.2 | 5.2 | 5.0 |
| BLUECHIP (MED-1991) | 7.0 | 3.9 | 5.4 | 3.1 | 4.3 | 5.2 | 5.3 | 5.7 | 5.0 |
| JEWEL (BA 81-227) | 6.9 | 4.6 | 5.9 | 4.2 | 3.7 | 5.5 | 4.0 | 5.1 | 5.0 |
| PST-P46 | 7.0 | 4.0 | 6.1 | 3.6 | 3.9 | 5.3 | 4.3 | 5.8 | 5.0 |
| BA 76-197 | 6.6 | 3.5 | 5.8 | 3.9 | 4.9 | 5.0 | 5.2 | 4.9 | 5.0 |
| ZPS-309 | 7.1 | 3.3 | 5.1 | 3.6 | 4.9 | 5.3 | 5.3 | 5.2 | 5.0 |
| NJ-GD | 7.1 | 4.0 | 6.5 | 3.6 | 4.0 | 6.0 | 3.7 | 4.7 | 5.0 |
| CLASSIC | 6.8 | 4.1 | 5.9 | 3.5 | 4.4 | 5.4 | 4.6 | 4.8 | 5.0 |
| ENVICTA (BA 75-173) | 7.0 | 4.3 | 5.8 | 4.3 | 3.9 | 5.1 | 3.8 | 5.3 | 4.9 |
| BA 70-060 | 7.1 | 4.4 | 5.8 | 3.8 | 4.2 | 4.6 | 4.0 | 5.4 | 4.9 |
| ASCOT | 6.9 | 3.3 | 5.6 | 3.4 | 3.8 | 5.5 | 5.2 | 5.6 | 4.9 |
| HAGA | 7.1 | 4.4 | 4.2 | 3.5 | 5.0 | 5.5 | 4.9 | 4.8 | 4.9 |
| NJ-54 | 6.8 | 4.0 | 5.8 | 3.8 | 3.9 | 5.6 | 4.3 | 5.3 | 4.9 |
| BARON | 7.1 | 3.9 | 5.6 | 3.4 | 3.4 | 5.0 | 4.8 | 6.1 | 4.9 |
| ABBAY | 6.9 | 4.1 | 5.8 | 3.8 | 4.1 | 5.0 | 3.6 | 5.8 | 4.9 |
| RAVEN | 6.9 | 5.1 | 5.5 | 3.3 | 4.3 | 4.9 | 3.8 | 5.1 | 4.9 |
| BA 77-702 | 6.9 | 4.2 | 5.9 | 3.6 | 4.0 | 5.0 | 3.8 | 5.4 | 4.8 |
| BA 81-220 | 7.1 | 4.2 | 5.7 | 3.9 | 3.5 | 5.1 | 2.8 | 6.2 | 4.8 |
| BA 73-373 | 6.9 | 3.6 | 6.0 | 3.5 | 4.1 | 5.3 | 3.5 | 5.3 | 4.8 |
| MED-1580 | 6.7 | 3.7 | 5.1 | 3.3 | 3.4 | 5.3 | 4.9 | 5.8 | 4.8 |
| NIMBUS | 7.1 | 4.0 | 5.7 | 3.6 | 4.1 | 5.5 | 3.0 | 5.2 | 4.8 |
| SEABRING (BA 79-260) | 6.9 | 4.3 | 5.7 | 3.3 | 3.9 | 5.0 | 4.0 | 5.1 | 4.8 |
| J-1555 | 7.2 | 3.9 | 2.8 | 3.5 | 4.3 | 5.5 | 5.7 | 5.4 | 4.8 |
| PICK-855 | 6.8 | 4.0 | 5.3 | 3.4 | 3.9 | 5.8 | 3.3 | 5.4 | 4.7 |
| BA 75-490 | 6.9 | 3.3 | 5.8 | 3.8 | 3.7 | 5.9 | 3.3 | 5.1 | 4.7 |
| SR 2100 | 6.8 | 5.0 | 4.9 | 3.8 | 3.5 | 5.0 | 3.6 | 5.1 | 4.7 |
| A88-744 | 6.9 | 3.7 | 4.9 | 3.3 | 4.1 | 5.0 | 4.6 | 5.1 | 4.7 |
| LTP-620 | 6.7 | 4.2 | 5.1 | 3.5 | 3.2 | 5.1 | 4.5 | 5.1 | 4.7 |

TABLE 11. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT EIGHT LOCATIONS
USING A 0.5-1.0 INCH MOWING HEIGHT
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

| NAME | AB1 | IL1 | IN1 | KS1 | MA1 | NE1 | UB1 | UT1 | MEAN |
|--------------------|-----|------|-----|------|------|-----|------|-----|------|
| LIPOA | 7.2 | 3.5 | 3.4 | 3.8 | 4.0 | 5.1 | 5.4 | 4.9 | 4.7 |
| H86-690 | 6.7 | 4.0 | 4.9 | 3.7 | 3.0 | 5.3 | 3.5 | 6.0 | 4.6 |
| MISTY (BA 76-372) | 7.2 | 4.0 | 5.9 | 3.7 | 2.8 | 5.6 | 2.7 | 5.0 | 4.6 |
| PEPAYA (DP 37-192) | 7.0 | 3.0 | 4.9 | 2.5 | 4.9 | 4.3 | 4.4 | 5.6 | 4.6 |
| SRX 2205 | 6.4 | 3.2 | 5.5 | 4.4 | 3.2 | 5.1 | 3.2 | 5.4 | 4.6 |
| VB 16015 | 7.1 | 3.8 | 4.5 | 2.4 | 3.6 | 5.4 | 3.9 | 5.7 | 4.5 |
| BA 81-113 | 6.9 | 3.2 | 5.0 | 3.8 | 3.8 | 4.7 | 3.0 | 5.7 | 4.5 |
| SODNET | 6.9 | 3.7 | 4.9 | 2.9 | 3.2 | 5.5 | 3.8 | 5.2 | 4.5 |
| BA 75-163 | 7.1 | 3.4 | 4.8 | 3.7 | 3.2 | 5.3 | 3.1 | 5.4 | 4.5 |
| DRAGON (ZPS-429) | 6.6 | 4.0 | 4.6 | 3.6 | 3.1 | 5.0 | 2.9 | 5.3 | 4.4 |
| COMPACT | 6.6 | 3.9 | 3.2 | 3.5 | 3.1 | 4.9 | 4.9 | 4.4 | 4.3 |
| SIDEKICK | 6.8 | 3.9 | 4.5 | 3.0 | 3.0 | 4.3 | 3.7 | 4.9 | 4.3 |
| BARUZO | 6.7 | 2.7 | 3.5 | 2.1 | 3.1 | 3.9 | 2.4 | 5.4 | 3.7 |
| KENBLUE | 6.4 | 3.5 | 3.1 | 3.1 | 2.7 | 4.1 | 2.2 | 3.9 | 3.6 |
| LSD VALUE | 0.4 | 0.9 | 0.9 | 1.1 | 1.1 | 0.7 | 1.2 | 0.8 | 0.3 |
| C.V. (%) | 3.6 | 13.7 | 9.6 | 18.7 | 15.2 | 7.7 | 15.0 | 9.1 | 11.2 |

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

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

TABLE 12.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT TEN LOCATIONS
USING A 1.1-1.5 INCH MOWING HEIGHT 1/
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

| NAME | IL2 | KY1 | ME1 | NC1 | NJ1 | NJ2 | OH1 | QE1 | RI1 | VA1 | MEAN |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| MIDNIGHT | 8.3 | 7.8 | 7.7 | 5.2 | 6.3 | 6.3 | 8.8 | 7.6 | 6.9 | 5.5 | 7.0 |
| LIBERATOR (ZPS-2572) | 7.6 | 7.1 | 7.8 | 5.5 | 6.3 | 6.2 | 8.8 | 7.3 | 6.1 | 6.1 | 6.9 |
| AWARD | 6.9 | 7.8 | 7.3 | 5.0 | 5.8 | 6.0 | 8.7 | 7.6 | 7.2 | 5.7 | 6.8 |
| MOONLIGHT (PST-A418) | 7.0 | 6.9 | 7.8 | 4.5 | 5.8 | 6.1 | 8.0 | 8.0 | 6.5 | 6.9 | 6.7 |
| ODYSSEY (J-1561) | 7.1 | 7.3 | 8.2 | 5.2 | 6.4 | 5.5 | 8.5 | 7.4 | 6.5 | 5.3 | 6.7 |
| TOTAL ECLIPSE (TCR-1738) | 8.0 | 8.2 | 8.0 | 5.0 | 5.1 | 6.1 | 8.6 | 7.4 | 5.7 | 5.1 | 6.7 |
| BLACKSTONE (PST-638) | 7.0 | 6.4 | 7.4 | 5.7 | 5.5 | 5.7 | 8.1 | 7.5 | 7.0 | 6.9 | 6.7 |
| BRILLIANT (PST-E2-42) | 7.9 | 7.3 | 7.7 | 5.2 | 5.3 | 5.4 | 8.4 | 7.2 | 5.9 | 5.8 | 6.6 |
| NUGLADE | 6.9 | 7.5 | 7.7 | 4.9 | 5.7 | 6.0 | 8.5 | 7.4 | 5.6 | 5.6 | 6.6 |
| IMPACT (J-1576) | 7.8 | 7.2 | 7.7 | 4.6 | 5.1 | 5.6 | 8.7 | 7.4 | 6.2 | 5.5 | 6.6 |
| SHOWCASE (PST-BO-141) | 7.7 | 7.6 | 7.0 | 4.5 | 5.0 | 5.2 | 8.7 | 7.5 | 6.0 | 6.2 | 6.5 |
| PRINCETON 105 | 7.8 | 6.1 | 7.3 | 5.1 | 7.0 | 5.8 | 8.3 | 7.3 | 6.5 | 4.1 | 6.5 |
| RUGBY II (MED-18) | 7.0 | 7.5 | 7.5 | 4.0 | 5.3 | 4.9 | 8.8 | 7.6 | 6.5 | 5.5 | 6.5 |
| AMERICA | 7.3 | 7.8 | 7.4 | 4.3 | 5.1 | 5.6 | 8.3 | 7.1 | 5.5 | 5.7 | 6.4 |
| APOLLO (PST-B3-180) | 7.1 | 7.1 | 7.8 | 4.6 | 4.9 | 5.3 | 8.6 | 7.0 | 6.1 | 5.6 | 6.4 |
| UNIQUE | 7.7 | 7.7 | 7.3 | 4.3 | 4.6 | 5.4 | 8.2 | 7.3 | 5.3 | 6.3 | 6.4 |
| QUANTUM LEAP (J-1567) | 7.1 | 7.5 | 7.4 | 4.4 | 4.6 | 5.5 | 8.8 | 7.8 | 6.1 | 4.9 | 6.4 |
| PICK 8 | 8.0 | 7.0 | 7.1 | 4.1 | 6.0 | 5.4 | 7.8 | 7.0 | 6.2 | 5.3 | 6.4 |
| ARCADIA (J-1936) | 6.8 | 7.1 | 7.2 | 5.3 | 4.5 | 4.5 | 8.3 | 7.3 | 6.3 | 5.9 | 6.3 |
| JEFFERSON | 5.4 | 7.3 | 6.6 | 4.8 | 5.7 | 6.3 | 8.1 | 6.8 | 6.6 | 5.4 | 6.3 |
| BLACKSBURG | 6.2 | 6.5 | 7.0 | 4.6 | 5.4 | 5.9 | 7.8 | 7.4 | 6.7 | 5.3 | 6.3 |
| CHAMPAGNE (LTP-621) | 6.5 | 7.0 | 6.9 | 4.6 | 4.9 | 4.8 | 7.9 | 7.3 | 5.8 | 6.4 | 6.2 |
| PLATINI | 6.6 | 5.9 | 7.3 | 4.7 | 5.6 | 5.4 | 7.8 | 7.1 | 6.9 | 4.2 | 6.1 |
| BA 81-058 | 6.5 | 7.7 | 7.1 | 4.8 | 4.5 | 5.6 | 8.1 | 7.3 | 4.7 | 5.1 | 6.1 |
| GLADE | 6.1 | 7.1 | 6.5 | 4.9 | 5.1 | 4.5 | 8.2 | 7.0 | 6.7 | 5.1 | 6.1 |
| ECLIPSE | 6.7 | 7.0 | 7.1 | 4.6 | 5.2 | 4.8 | 8.2 | 6.8 | 5.3 | 5.4 | 6.1 |
| ZPS-2183 | 5.3 | 5.8 | 6.8 | 4.1 | 5.5 | 5.7 | 8.2 | 7.0 | 6.9 | 5.7 | 6.1 |
| NJ-GD | 5.5 | 6.5 | 6.9 | 5.8 | 4.1 | 5.6 | 8.1 | 7.0 | 5.9 | 5.4 | 6.1 |
| NORTH STAR (PST-A7-60) | 5.4 | 6.2 | 7.4 | 4.9 | 5.2 | 4.7 | 7.9 | 7.1 | 7.8 | 4.0 | 6.1 |
| CHICAGO (J-2582) | 7.2 | 6.3 | 7.1 | 4.3 | 3.8 | 5.1 | 8.5 | 7.1 | 5.7 | 5.4 | 6.0 |
| WILDWOOD | 5.5 | 6.3 | 8.2 | 5.3 | 4.1 | 5.3 | 8.1 | 7.2 | 5.7 | 4.8 | 6.0 |
| SERENE (PST-A7-245A) | 6.6 | 7.0 | 7.1 | 4.5 | 4.4 | 4.7 | 8.4 | 6.9 | 5.2 | 5.2 | 6.0 |
| NUSTAR | 5.5 | 6.5 | 6.7 | 5.1 | 4.9 | 5.0 | 8.0 | 7.2 | 5.3 | 5.4 | 6.0 |
| PST-P46 | 5.8 | 5.9 | 7.6 | 4.6 | 4.5 | 4.9 | 8.5 | 7.5 | 5.5 | 4.7 | 5.9 |
| BAR VB 3115B | 7.3 | 6.3 | 7.3 | 4.1 | 5.1 | 4.8 | 7.9 | 6.5 | 5.0 | 5.3 | 5.9 |
| ALLURE | 6.5 | 6.7 | 6.8 | 4.8 | 4.0 | 4.9 | 8.3 | 6.9 | 5.8 | 4.7 | 5.9 |
| ABSOLUTE (MED-1497) | 6.3 | 6.1 | 7.8 | 4.7 | 4.1 | 4.5 | 8.3 | 7.3 | 5.3 | 4.9 | 5.9 |
| EXPLORER (PICK-3561) | 6.2 | 6.6 | 7.0 | 5.1 | 4.0 | 5.1 | 8.0 | 7.3 | 5.3 | 4.7 | 5.9 |
| BAR VB 5649 | 6.7 | 5.5 | 6.6 | 4.4 | 4.9 | 5.7 | 8.1 | 7.2 | 5.8 | 4.6 | 5.9 |
| CALIBER | 5.6 | 6.5 | 7.2 | 5.6 | 4.3 | 5.0 | 7.8 | 7.1 | 5.8 | 4.5 | 5.9 |
| BARONIE | 6.5 | 6.3 | 6.7 | 5.0 | 5.1 | 5.0 | 8.2 | 6.5 | 4.6 | 5.3 | 5.9 |
| SR 2000 | 6.0 | 7.1 | 6.7 | 4.8 | 4.6 | 3.6 | 8.3 | 6.9 | 5.6 | 5.5 | 5.9 |
| CHATEAU | 6.0 | 6.0 | 6.5 | 4.9 | 3.8 | 5.6 | 8.5 | 7.2 | 6.0 | 4.6 | 5.9 |
| SEABRING (BA 79-260) | 6.4 | 6.8 | 7.9 | 3.9 | 3.3 | 5.1 | 8.8 | 7.3 | 5.1 | 4.5 | 5.9 |

TABLE 12.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT TEN LOCATIONS
USING A 1.1-1.5 INCH MOWING HEIGHT
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

| NAME | IL2 | KY1 | ME1 | NC1 | NJ1 | NJ2 | OH1 | QE1 | RI1 | VA1 | MEAN |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| ZPS-309 | 6.8 | 6.0 | 7.6 | 4.4 | 4.6 | 5.0 | 7.8 | 6.9 | 5.1 | 4.8 | 5.9 |
| SHAMROCK | 6.2 | 6.0 | 7.4 | 4.3 | 4.2 | 5.2 | 8.0 | 7.3 | 5.2 | 5.3 | 5.9 |
| BA 75-490 | 6.8 | 6.3 | 6.9 | 4.0 | 4.5 | 4.5 | 8.3 | 7.2 | 5.3 | 5.1 | 5.9 |
| LIVINGSTON | 6.1 | 6.1 | 6.2 | 4.3 | 4.6 | 5.6 | 8.0 | 7.0 | 5.6 | 5.4 | 5.9 |
| BAR VB 233 | 6.3 | 5.9 | 7.6 | 4.5 | 4.8 | 5.0 | 7.5 | 7.1 | 5.9 | 4.2 | 5.9 |
| DRAGON (ZPS-429) | 5.8 | 6.4 | 6.2 | 4.9 | 4.2 | 4.9 | 8.1 | 7.1 | 5.7 | 5.4 | 5.9 |
| JEWEL (BA 81-227) | 6.6 | 5.9 | 6.9 | 5.2 | 4.4 | 4.2 | 8.4 | 6.9 | 5.3 | 4.8 | 5.9 |
| CLASSIC | 5.0 | 6.5 | 6.9 | 4.7 | 4.9 | 5.3 | 8.2 | 6.9 | 4.6 | 5.4 | 5.8 |
| SR 2109 | 5.8 | 5.0 | 7.0 | 4.1 | 4.4 | 6.4 | 8.0 | 6.8 | 5.9 | 5.1 | 5.8 |
| HAGA | 6.5 | 6.6 | 6.3 | 4.4 | 4.1 | 5.2 | 7.6 | 6.9 | 5.1 | 5.3 | 5.8 |
| PST-BO-165 | 6.7 | 6.7 | 6.4 | 4.6 | 3.4 | 4.6 | 8.3 | 6.8 | 5.5 | 4.8 | 5.8 |
| COVENTRY | 6.0 | 6.1 | 6.9 | 4.4 | 3.9 | 4.5 | 8.3 | 6.8 | 6.0 | 5.1 | 5.8 |
| BA 73-373 | 5.4 | 6.8 | 6.8 | 5.2 | 3.6 | 3.9 | 8.3 | 7.0 | 5.1 | 5.7 | 5.8 |
| LKB-95 | 4.2 | 6.0 | 6.8 | 5.6 | 3.6 | 5.5 | 7.6 | 7.1 | 5.7 | 5.5 | 5.8 |
| BA 81-270 | 6.7 | 5.8 | 6.9 | 4.4 | 4.0 | 5.3 | 8.3 | 6.8 | 5.2 | 4.3 | 5.8 |
| A88-744 | 6.4 | 6.8 | 6.9 | 4.6 | 3.9 | 3.9 | 7.7 | 7.3 | 4.9 | 5.2 | 5.8 |
| BA 77-702 | 6.0 | 6.8 | 6.7 | 4.3 | 4.5 | 3.4 | 8.6 | 6.9 | 4.9 | 5.6 | 5.8 |
| ABBHEY | 6.0 | 6.7 | 6.6 | 4.2 | 4.0 | 4.3 | 8.1 | 7.0 | 4.9 | 5.8 | 5.8 |
| SIDEKICK | 5.6 | 7.1 | 6.5 | 4.5 | 3.7 | 4.6 | 7.9 | 6.8 | 4.7 | 5.9 | 5.7 |
| RAVEN | 5.4 | 6.8 | 6.4 | 4.5 | 4.1 | 3.6 | 8.3 | 6.8 | 5.8 | 5.6 | 5.7 |
| NJ-54 | 6.4 | 6.0 | 6.2 | 4.1 | 3.7 | 4.7 | 8.1 | 6.8 | 6.0 | 5.5 | 5.7 |
| ASP200 (HV 130) | 5.9 | 5.9 | 6.9 | 4.3 | 3.8 | 3.8 | 8.0 | 7.2 | 6.1 | 5.4 | 5.7 |
| BA 70-060 | 5.7 | 6.8 | 6.7 | 5.1 | 3.9 | 3.8 | 8.1 | 6.6 | 5.0 | 5.6 | 5.7 |
| SR 2100 | 5.8 | 6.2 | 6.0 | 4.3 | 4.9 | 3.5 | 8.2 | 7.5 | 5.4 | 5.3 | 5.7 |
| CONNI | 5.8 | 4.8 | 6.8 | 4.0 | 4.2 | 5.7 | 8.3 | 6.5 | 6.5 | 4.2 | 5.7 |
| CHALLENGER | 5.3 | 6.6 | 7.3 | 4.8 | 3.7 | 4.9 | 8.1 | 7.3 | 3.9 | 5.0 | 5.7 |
| RAMBO (J-2579) | 5.4 | 6.3 | 7.4 | 4.3 | 3.9 | 5.1 | 7.9 | 6.7 | 5.2 | 4.7 | 5.7 |
| BA 75-163 | 5.9 | 7.3 | 6.7 | 4.4 | 2.5 | 4.2 | 8.1 | 7.7 | 4.9 | 4.8 | 5.6 |
| ASCOT | 4.9 | 5.9 | 7.3 | 4.1 | 3.2 | 5.3 | 8.2 | 7.3 | 5.5 | 4.8 | 5.6 |
| LIMOUSINE | 5.1 | 5.3 | 7.9 | 4.6 | 5.0 | 4.5 | 7.9 | 6.8 | 5.1 | 3.8 | 5.6 |
| ENVICTA (BA 75-173) | 4.6 | 7.0 | 6.7 | 4.6 | 3.5 | 3.6 | 8.2 | 6.9 | 5.2 | 5.8 | 5.6 |
| FORTUNA | 5.8 | 6.8 | 7.0 | 4.8 | 3.4 | 3.5 | 8.5 | 7.3 | 4.4 | 4.7 | 5.6 |
| NJ 1190 | 4.0 | 4.8 | 7.4 | 4.6 | 3.6 | 5.8 | 7.9 | 6.8 | 6.3 | 4.7 | 5.6 |
| GOLDRUSH (BA 87-102) | 5.8 | 6.3 | 6.9 | 5.3 | 3.4 | 2.8 | 8.5 | 7.0 | 4.7 | 5.2 | 5.6 |
| MARQUIS | 4.1 | 6.5 | 6.8 | 4.6 | 4.2 | 3.6 | 8.3 | 6.9 | 5.4 | 5.5 | 5.6 |
| MED-1580 | 5.1 | 6.8 | 6.6 | 4.4 | 3.6 | 4.0 | 7.9 | 7.3 | 5.6 | 4.5 | 5.6 |
| VB 16015 | 5.3 | 6.3 | 6.8 | 5.2 | 3.2 | 4.6 | 8.3 | 7.5 | 4.0 | 4.4 | 5.6 |
| BA 81-220 | 4.6 | 6.9 | 6.8 | 3.7 | 3.9 | 3.6 | 8.4 | 7.0 | 5.4 | 5.1 | 5.5 |
| J-1555 | 5.9 | 6.5 | 6.9 | 4.7 | 2.7 | 3.6 | 8.3 | 7.2 | 5.0 | 4.6 | 5.5 |
| HV 242 | 6.1 | 5.3 | 6.6 | 4.0 | 4.0 | 4.4 | 7.9 | 7.0 | 5.6 | 3.8 | 5.5 |
| BARON | 5.0 | 6.0 | 7.0 | 4.5 | 3.9 | 3.3 | 8.2 | 6.9 | 4.8 | 4.6 | 5.4 |
| NIMBUS | 4.4 | 6.0 | 6.8 | 4.5 | 3.6 | 3.8 | 8.0 | 6.7 | 5.4 | 4.9 | 5.4 |
| BA 76-197 | 3.5 | 5.7 | 6.8 | 5.5 | 2.5 | 4.6 | 8.1 | 6.7 | 5.1 | 5.5 | 5.4 |
| MISTY (BA 76-372) | 4.2 | 5.7 | 6.9 | 4.4 | 3.0 | 4.8 | 8.0 | 7.1 | 6.1 | 3.8 | 5.4 |
| BLUECHIP (MED-1991) | 4.5 | 6.0 | 6.9 | 4.5 | 3.6 | 3.3 | 8.1 | 7.1 | 4.9 | 5.1 | 5.4 |

TABLE 12.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT TEN LOCATIONS
USING A 1.1-1.5 INCH MOWING HEIGHT
1998 DATA

| TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF | | | | | | | | | | | |
|---|------|-----|-----|------|------|------|-----|-----|-----|------|------|
| NAME | IL2 | KY1 | ME1 | NC1 | NJ1 | NJ2 | OH1 | QE1 | RI1 | VA1 | MEAN |
| BA 81-113 | 4.5 | 6.5 | 6.6 | 4.9 | 2.3 | 4.0 | 8.1 | 6.9 | 4.9 | 5.2 | 5.4 |
| LTP-620 | 5.7 | 5.7 | 6.6 | 5.0 | 3.3 | 4.0 | 8.0 | 6.7 | 3.9 | 5.0 | 5.4 |
| BAR VB 6820 | 4.1 | 3.7 | 8.1 | 4.1 | 4.4 | 6.0 | 8.0 | 7.5 | 4.2 | 3.0 | 5.3 |
| CARDIFF | 4.0 | 5.1 | 7.1 | 5.2 | 2.0 | 5.4 | 8.1 | 7.0 | 4.9 | 4.2 | 5.3 |
| PICK-855 | 4.2 | 6.0 | 6.7 | 4.8 | 3.2 | 4.9 | 7.6 | 6.9 | 4.6 | 4.0 | 5.3 |
| BARTITIA | 3.6 | 3.7 | 7.4 | 4.4 | 2.7 | 4.8 | 7.9 | 7.2 | 4.9 | 3.8 | 5.0 |
| H86-690 | 3.5 | 4.9 | 6.4 | 4.6 | 2.6 | 3.9 | 8.1 | 7.2 | 4.6 | 4.4 | 5.0 |
| SRX 2205 | 3.5 | 4.5 | 5.5 | 4.0 | 3.3 | 4.7 | 8.1 | 6.5 | 5.0 | 4.8 | 5.0 |
| COMPACT | 4.3 | 5.3 | 6.0 | 4.3 | 2.8 | 3.2 | 7.7 | 6.5 | 5.0 | 4.5 | 4.9 |
| SODNET | 3.9 | 3.8 | 7.3 | 3.9 | 2.2 | 4.3 | 8.0 | 7.6 | 3.4 | 3.7 | 4.8 |
| BARUZO | 3.7 | 4.0 | 6.2 | 4.9 | 1.8 | 4.0 | 7.8 | 6.9 | 4.9 | 3.8 | 4.8 |
| KENBLUE | 4.5 | 5.8 | 5.4 | 4.8 | 2.4 | 3.3 | 6.8 | 6.9 | 4.2 | 3.8 | 4.8 |
| PEPAYA (DP 37-192) | 3.8 | 2.9 | 5.8 | 4.3 | 2.5 | 4.7 | 8.1 | 7.2 | 3.2 | 3.4 | 4.6 |
| LIPOA | 3.3 | 3.5 | 6.4 | 4.1 | 2.0 | 3.6 | 8.1 | 7.0 | 4.3 | 3.1 | 4.5 |
| LSD VALUE | 1.2 | 0.9 | 0.8 | 1.2 | 1.1 | 1.2 | 0.5 | 0.5 | 0.8 | 1.0 | 0.3 |
| C.V. (%) | 12.5 | 9.0 | 7.3 | 16.5 | 16.6 | 15.8 | 3.5 | 4.4 | 8.9 | 12.6 | 10.2 |

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

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

TABLE 13. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT FOUR LOCATIONS
USING A 1.6-2.0 INCH MOWING HEIGHT 1/
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

| NAME | MN1 | OK1 | PA1 | WA1 | MEAN |
|--------------------------|-----|-----|-----|-----|------|
| NORTH STAR (PST-A7-60) | 6.7 | 7.1 | 8.3 | 7.0 | 7.3 |
| WILDWOOD | 6.8 | 7.0 | 7.7 | 7.2 | 7.2 |
| BLACKSBURG | 6.6 | 7.5 | 7.2 | 6.9 | 7.0 |
| BRILLIANT (PST-B2-42) | 6.2 | 7.0 | 7.7 | 6.9 | 6.9 |
| APOLLO (PST-B3-180) | 6.5 | 7.1 | 7.4 | 6.7 | 6.9 |
| PST-P46 | 6.6 | 6.9 | 7.3 | 6.8 | 6.9 |
| AWARD | 6.6 | 8.0 | 5.9 | 7.1 | 6.9 |
| PRINCETON 105 | 6.7 | 6.6 | 6.9 | 7.0 | 6.8 |
| ABSOLUTE (MED-1497) | 6.8 | 7.6 | 5.6 | 7.1 | 6.8 |
| MIDNIGHT | 6.6 | 7.9 | 5.1 | 7.5 | 6.8 |
| UNIQUE | 6.0 | 6.9 | 7.4 | 6.8 | 6.8 |
| PICK 8 | 5.9 | 7.6 | 6.7 | 6.8 | 6.8 |
| AMERICA | 6.1 | 7.1 | 7.2 | 6.5 | 6.7 |
| SR 2109 | 6.2 | 6.1 | 8.3 | 6.3 | 6.7 |
| NUGLADE | 6.6 | 8.0 | 5.1 | 7.1 | 6.7 |
| IMPACT (J-1576) | 6.1 | 8.1 | 5.4 | 7.2 | 6.7 |
| MOONLIGHT (PST-A418) | 5.9 | 7.0 | 6.4 | 7.5 | 6.7 |
| LIBERATOR (ZPS-2572) | 6.5 | 7.7 | 5.4 | 7.1 | 6.7 |
| TOTAL ECLIPSE (TCR-1738) | 6.4 | 7.7 | 5.1 | 7.4 | 6.7 |
| ZPS-2183 | 6.6 | 6.7 | 6.6 | 6.7 | 6.6 |
| BLACKSTONE (PST-638) | 6.4 | 7.3 | 6.1 | 6.7 | 6.6 |
| CONNI | 6.0 | 6.3 | 7.8 | 6.4 | 6.6 |
| ASCOT | 6.2 | 7.2 | 6.3 | 6.6 | 6.6 |
| ODYSSEY (J-1561) | 6.0 | 7.8 | 5.5 | 7.0 | 6.6 |
| SEABRING (BA 79-260) | 6.4 | 6.5 | 6.3 | 7.1 | 6.6 |
| RUGBY II (MED-18) | 6.3 | 7.7 | 4.9 | 7.3 | 6.6 |
| SHOWCASE (PST-BO-141) | 5.5 | 6.9 | 6.9 | 6.9 | 6.5 |
| GLADE | 6.0 | 6.9 | 6.3 | 6.8 | 6.5 |
| ARCADIA (J-1936) | 6.0 | 7.6 | 5.2 | 7.1 | 6.5 |
| NJ-GD | 6.3 | 6.6 | 6.6 | 6.4 | 6.5 |
| RAMBO (J-2579) | 5.9 | 6.9 | 7.1 | 6.0 | 6.5 |
| BARTITIA | 6.3 | 6.3 | 6.4 | 6.7 | 6.4 |
| NJ 1190 | 6.8 | 5.5 | 7.4 | 6.0 | 6.4 |
| ECLIPSE | 6.0 | 7.0 | 6.3 | 6.3 | 6.4 |
| CHICAGO (J-2582) | 6.0 | 7.5 | 5.3 | 6.7 | 6.4 |
| MISTY (BA 76-372) | 6.7 | 7.0 | 5.7 | 6.0 | 6.4 |
| QUANTUM LEAP (J-1567) | 5.9 | 7.5 | 5.3 | 6.7 | 6.4 |
| SERENE (PST-A7-245A) | 5.8 | 6.8 | 6.7 | 6.1 | 6.3 |
| JEWEL (BA 81-227) | 5.7 | 6.9 | 6.2 | 6.5 | 6.3 |
| SR 2000 | 6.0 | 7.4 | 5.4 | 6.3 | 6.3 |
| JEFFERSON | 5.9 | 6.7 | 6.4 | 6.2 | 6.3 |
| BA 81-270 | 6.4 | 6.7 | 6.0 | 6.1 | 6.3 |
| BA 81-220 | 6.0 | 6.4 | 5.8 | 6.9 | 6.3 |
| BARON | 5.8 | 6.9 | 5.6 | 6.7 | 6.3 |

TABLE 13. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT FOUR LOCATIONS
USING A 1.6-2.0 INCH MOWING HEIGHT
1998 DATA

| TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF | | | | | |
|---|-----|-----|-----|-----|------|
| NAME | MN1 | OK1 | PA1 | WA1 | MEAN |
| LKB-95 | 6.0 | 5.8 | 7.1 | 6.1 | 6.2 |
| MARQUIS | 5.9 | 6.7 | 5.8 | 6.5 | 6.2 |
| FORTUNA | 5.8 | 6.7 | 5.7 | 6.7 | 6.2 |
| NUSTAR | 5.6 | 6.7 | 6.3 | 6.2 | 6.2 |
| ALLURE | 5.7 | 6.7 | 6.0 | 6.3 | 6.2 |
| CHATEAU | 5.8 | 6.7 | 5.9 | 6.3 | 6.2 |
| SHAMROCK | 6.3 | 6.3 | 6.1 | 6.0 | 6.2 |
| EXPLORER (PICK-3561) | 5.5 | 7.1 | 5.9 | 6.2 | 6.2 |
| COVENTRY | 6.1 | 6.8 | 6.2 | 5.5 | 6.2 |
| BA 73-373 | 5.7 | 6.7 | 5.7 | 6.5 | 6.1 |
| CHAMPAGNE (LTP-621) | 6.0 | 6.6 | 5.8 | 6.2 | 6.1 |
| BA 75-490 | 6.2 | 6.7 | 5.6 | 6.0 | 6.1 |
| CARDIFF | 4.9 | 6.0 | 7.1 | 6.5 | 6.1 |
| CHALLENGER | 6.0 | 7.0 | 4.7 | 6.8 | 6.1 |
| RAVEN | 5.7 | 6.9 | 5.5 | 6.4 | 6.1 |
| BAR VB 3115B | 6.0 | 6.1 | 6.7 | 5.5 | 6.1 |
| BLUECHIP (MED-1991) | 5.7 | 6.6 | 5.4 | 6.6 | 6.1 |
| BA 77-702 | 5.9 | 6.4 | 5.4 | 6.6 | 6.1 |
| DRAGON (ZPS-429) | 5.6 | 6.9 | 5.6 | 6.2 | 6.1 |
| PLATINI | 5.6 | 6.7 | 5.3 | 6.6 | 6.1 |
| LIMOUSINE | 6.2 | 6.3 | 6.3 | 5.5 | 6.1 |
| PST-BO-165 | 5.6 | 6.8 | 5.8 | 6.0 | 6.0 |
| LTP-620 | 5.7 | 6.9 | 5.3 | 6.1 | 6.0 |
| ASP200 (HV 130) | 6.1 | 6.3 | 5.5 | 6.1 | 6.0 |
| LIVINGSTON | 5.9 | 6.6 | 5.4 | 6.0 | 6.0 |
| PICK-855 | 5.6 | 6.3 | 6.4 | 5.7 | 6.0 |
| J-1555 | 5.7 | 7.2 | 4.8 | 6.3 | 6.0 |
| BAR VB 5649 | 5.7 | 6.9 | 5.1 | 6.2 | 6.0 |
| SR 2100 | 5.7 | 6.7 | 5.5 | 6.0 | 6.0 |
| BA 81-058 | 5.6 | 7.2 | 4.5 | 6.5 | 5.9 |
| BARONIE | 6.0 | 6.7 | 5.1 | 6.0 | 5.9 |
| MED-1580 | 5.5 | 6.0 | 5.7 | 6.5 | 5.9 |
| BA 70-060 | 5.5 | 6.4 | 5.2 | 6.6 | 5.9 |
| VB 16015 | 5.5 | 5.9 | 5.4 | 6.7 | 5.9 |
| A88-744 | 5.1 | 6.9 | 5.4 | 6.2 | 5.9 |
| BA 75-163 | 4.6 | 6.9 | 5.2 | 7.0 | 5.9 |
| HAGA | 5.5 | 6.7 | 5.6 | 5.7 | 5.9 |
| ENVICTA (BA 75-173) | 5.5 | 6.5 | 5.0 | 6.4 | 5.8 |
| CALIBER | 5.2 | 6.6 | 5.3 | 6.1 | 5.8 |
| BA 81-113 | 5.3 | 6.5 | 4.8 | 6.6 | 5.8 |
| BA 76-197 | 5.8 | 5.9 | 5.6 | 6.0 | 5.8 |
| CLASSIC | 5.9 | 6.6 | 5.1 | 5.6 | 5.8 |
| NJ-54 | 5.7 | 6.4 | 4.8 | 6.0 | 5.7 |
| GOLDRUSH (BA 87-102) | 5.4 | 6.0 | 5.2 | 6.4 | 5.7 |
| ABBAY | 5.4 | 6.3 | 5.2 | 5.9 | 5.7 |

TABLE 13. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT FOUR LOCATIONS
USING A 1.6-2.0 INCH MOWING HEIGHT
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

| NAME | MN1 | OK1 | PA1 | WA1 | MEAN |
|--------------------|-----|-----|-----|-----|------|
| SODNET | 5.6 | 5.7 | 5.0 | 6.6 | 5.7 |
| SRX 2205 | 5.4 | 5.8 | 5.8 | 5.9 | 5.7 |
| NIMBUS | 5.5 | 6.3 | 5.3 | 5.8 | 5.7 |
| SIDEKICK | 5.6 | 6.7 | 4.5 | 5.8 | 5.7 |
| BAR VB 233 | 5.3 | 6.6 | 4.5 | 6.2 | 5.6 |
| H86-690 | 5.5 | 4.9 | 5.9 | 6.1 | 5.6 |
| ZPS-309 | 4.9 | 6.7 | 4.6 | 6.1 | 5.6 |
| LIPOA | 6.0 | 5.8 | 4.3 | 5.7 | 5.5 |
| COMPACT | 4.4 | 5.7 | 5.9 | 5.4 | 5.4 |
| BAR VB 6820 | 5.5 | 5.8 | 2.9 | 7.0 | 5.3 |
| BARUZO | 3.3 | 6.3 | 5.7 | 5.7 | 5.3 |
| HV 242 | 5.2 | 6.7 | 2.7 | 5.9 | 5.1 |
| KENBLUE | 4.9 | 5.4 | 4.9 | 4.8 | 5.0 |
| PEPAYA (DP 37-192) | 5.0 | 5.5 | 3.2 | 6.0 | 4.9 |
| LSD VALUE | 0.7 | 0.8 | 0.9 | 0.5 | 0.4 |
| C.V. (%) | 7.2 | 7.3 | 9.7 | 5.1 | 7.4 |

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

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

TABLE 14. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 GROWN UNDER MEDIUM/HIGH INPUT AT FIVE LOCATIONS
 USING A 2.1+ INCH MOWING HEIGHT 1/
 1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

| NAME | IA1 | MI1 | MO1 | MO3 | ONL | MEAN |
|--------------------------|-----|-----|-----|-----|-----|------|
| LIBERATOR (ZPS-2572) | 7.5 | 5.0 | 6.0 | 8.0 | 7.6 | 6.8 |
| AWARD | 7.5 | 5.1 | 6.3 | 8.1 | 7.1 | 6.8 |
| ODYSSEY (J-1561) | 6.9 | 5.2 | 6.3 | 8.0 | 7.4 | 6.8 |
| SERENE (PST-A7-245A) | 7.0 | 5.3 | 6.2 | 7.3 | 7.9 | 6.7 |
| QUANTUM LEAP (J-1567) | 7.2 | 5.0 | 6.3 | 7.4 | 7.5 | 6.7 |
| RUGBY II (MED-18) | 6.7 | 5.0 | 6.4 | 7.5 | 7.7 | 6.7 |
| IMPACT (J-1576) | 7.1 | 5.5 | 6.2 | 8.0 | 6.7 | 6.7 |
| TOTAL ECLIPSE (TCR-1738) | 7.1 | 4.7 | 6.8 | 8.1 | 6.7 | 6.7 |
| MIDNIGHT | 7.1 | 4.8 | 6.3 | 8.0 | 6.8 | 6.6 |
| ARCADIA (J-1936) | 6.8 | 5.4 | 6.3 | 7.3 | 7.2 | 6.6 |
| ALLURE | 6.7 | 5.4 | 6.1 | 7.1 | 7.7 | 6.6 |
| COVENTRY | 7.1 | 5.2 | 5.7 | 7.3 | 7.7 | 6.6 |
| NORTH STAR (PST-A7-60) | 6.7 | 6.0 | 5.8 | 7.0 | 7.4 | 6.6 |
| SEABRING (BA 79-260) | 6.8 | 5.5 | 6.3 | 7.3 | 6.9 | 6.6 |
| BA 81-058 | 7.1 | 5.5 | 6.2 | 7.1 | 6.8 | 6.5 |
| BARON | 7.0 | 5.4 | 5.6 | 6.5 | 8.1 | 6.5 |
| MOONLIGHT (PST-A418) | 6.1 | 5.6 | 6.1 | 7.6 | 7.2 | 6.5 |
| CHATEAU | 6.7 | 4.7 | 6.0 | 6.8 | 8.3 | 6.5 |
| PST-BO-165 | 6.8 | 4.9 | 6.1 | 7.2 | 7.6 | 6.5 |
| BAR VB 3115B | 7.4 | 5.2 | 6.0 | 6.0 | 7.8 | 6.5 |
| RAVEN | 6.6 | 6.2 | 5.8 | 6.9 | 6.8 | 6.5 |
| NUGLADE | 6.8 | 5.1 | 5.8 | 8.0 | 6.7 | 6.5 |
| CHAMPAGNE (LTP-621) | 6.3 | 5.6 | 6.0 | 6.5 | 8.0 | 6.5 |
| NUSTAR | 6.7 | 5.7 | 5.6 | 6.6 | 7.7 | 6.5 |
| BA 81-270 | 7.0 | 5.3 | 5.5 | 6.8 | 7.7 | 6.5 |
| BRILLIANT (PST-B2-42) | 7.2 | 5.1 | 5.9 | 6.9 | 7.1 | 6.5 |
| WILDWOOD | 6.8 | 5.8 | 5.8 | 7.0 | 6.9 | 6.4 |
| ABBAY | 7.0 | 5.8 | 5.5 | 6.6 | 7.3 | 6.4 |
| ABSOLUTE (MED-1497) | 7.1 | 5.1 | 5.7 | 7.2 | 7.0 | 6.4 |
| EXPLORER (PICK-3561) | 6.7 | 5.0 | 5.8 | 6.7 | 7.8 | 6.4 |
| BLACKSTONE (PST-638) | 6.6 | 4.5 | 6.5 | 7.0 | 7.6 | 6.4 |
| LKB-95 | 7.2 | 4.9 | 5.6 | 6.0 | 8.3 | 6.4 |
| GLADE | 6.4 | 5.5 | 6.3 | 7.2 | 6.6 | 6.4 |
| CHALLENGER | 6.9 | 5.0 | 5.8 | 6.8 | 7.5 | 6.4 |
| PICK 8 | 6.8 | 5.0 | 5.8 | 7.1 | 7.1 | 6.4 |
| BA 70-060 | 6.4 | 5.5 | 5.8 | 6.9 | 7.2 | 6.4 |
| NJ-GD | 7.0 | 5.7 | 5.7 | 6.2 | 7.3 | 6.4 |
| SR 2000 | 6.6 | 5.1 | 5.4 | 7.2 | 7.6 | 6.4 |
| ASCOT | 6.7 | 5.4 | 6.0 | 6.8 | 6.9 | 6.4 |
| PRINCETON 105 | 6.4 | 5.2 | 6.2 | 6.6 | 7.4 | 6.4 |
| GOLDRUSH (BA 87-102) | 6.7 | 5.0 | 5.9 | 7.0 | 7.3 | 6.4 |
| SR 2100 | 6.5 | 5.1 | 5.8 | 6.8 | 7.6 | 6.3 |
| SHAMROCK | 7.0 | 4.9 | 5.4 | 6.5 | 8.0 | 6.3 |
| SHOWCASE (PST-BO-141) | 7.3 | 5.2 | 5.5 | 6.5 | 7.2 | 6.3 |

TABLE 14. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT FIVE LOCATIONS
USING A 2.1+ INCH MOWING HEIGHT
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

| NAME | IA1 | MI1 | MO1 | MO3 | ONL | MEAN |
|---------------------|-----|-----|-----|-----|-----|------|
| CHICAGO (J-2582) | 6.4 | 5.7 | 6.0 | 6.4 | 7.2 | 6.3 |
| FORTUNA | 6.0 | 5.2 | 6.0 | 6.8 | 7.6 | 6.3 |
| MARQUIS | 6.7 | 4.9 | 5.6 | 6.9 | 7.6 | 6.3 |
| BARONIE | 6.8 | 5.2 | 6.0 | 6.0 | 7.4 | 6.3 |
| BA 81-220 | 6.3 | 5.1 | 5.5 | 6.9 | 7.7 | 6.3 |
| ECLIPSE | 6.3 | 5.5 | 6.0 | 6.3 | 7.5 | 6.3 |
| NJ-54 | 6.6 | 5.0 | 5.8 | 6.4 | 7.7 | 6.3 |
| APOLLO (PST-B3-180) | 6.3 | 5.0 | 6.0 | 6.3 | 7.8 | 6.3 |
| BA 77-702 | 6.0 | 5.2 | 5.3 | 7.2 | 7.7 | 6.3 |
| LIVINGSTON | 6.6 | 4.9 | 5.9 | 6.2 | 7.9 | 6.3 |
| RAMBO (J-2579) | 6.7 | 4.8 | 6.1 | 6.9 | 6.8 | 6.3 |
| ENVICTA (BA 75-173) | 6.2 | 5.2 | 5.3 | 6.9 | 7.7 | 6.3 |
| BARTITIA | 6.9 | 4.4 | 6.2 | 5.8 | 8.0 | 6.3 |
| AMERICA | 6.8 | 5.6 | 5.5 | 6.2 | 7.2 | 6.2 |
| BA 73-373 | 7.0 | 5.6 | 5.3 | 6.5 | 6.8 | 6.2 |
| JEFFERSON | 6.7 | 5.1 | 5.7 | 6.0 | 7.7 | 6.2 |
| UNIQUE | 7.1 | 5.0 | 6.0 | 6.7 | 6.5 | 6.2 |
| BA 75-163 | 6.2 | 5.7 | 5.1 | 6.6 | 7.6 | 6.2 |
| NIMBUS | 6.6 | 5.1 | 5.6 | 6.2 | 7.7 | 6.2 |
| VB 16015 | 6.3 | 5.0 | 5.3 | 7.1 | 7.5 | 6.2 |
| BLACKSBURG | 7.2 | 4.3 | 6.5 | 7.0 | 6.1 | 6.2 |
| A88-744 | 6.6 | 5.5 | 5.0 | 6.7 | 7.3 | 6.2 |
| NJ 1190 | 7.1 | 6.2 | 5.3 | 5.6 | 6.8 | 6.2 |
| ZPS-2183 | 7.0 | 5.0 | 5.7 | 6.5 | 6.8 | 6.2 |
| MED-1580 | 6.6 | 5.2 | 5.4 | 6.3 | 7.4 | 6.2 |
| CARDIFF | 6.6 | 5.6 | 5.5 | 5.9 | 7.4 | 6.2 |
| MISTY (BA 76-372) | 6.2 | 5.4 | 5.7 | 6.3 | 7.4 | 6.2 |
| PST-P46 | 6.4 | 5.3 | 5.5 | 7.0 | 6.6 | 6.2 |
| BA 75-490 | 6.6 | 5.2 | 5.7 | 6.3 | 7.0 | 6.2 |
| CALIBER | 6.9 | 4.6 | 5.5 | 6.1 | 7.6 | 6.1 |
| SODNET | 6.7 | 5.0 | 5.3 | 6.8 | 6.8 | 6.1 |
| ZPS-309 | 6.3 | 4.1 | 5.8 | 6.5 | 8.1 | 6.1 |
| ASP200 (HV 130) | 6.4 | 5.1 | 6.1 | 6.7 | 6.2 | 6.1 |
| BAR VB 5649 | 6.2 | 4.7 | 5.8 | 6.1 | 7.8 | 6.1 |
| SR 2109 | 6.6 | 5.3 | 5.7 | 6.3 | 6.7 | 6.1 |
| JEWEL (BA 81-227) | 6.6 | 4.9 | 5.4 | 6.7 | 6.9 | 6.1 |
| SIDEKICK | 6.3 | 5.3 | 5.0 | 6.5 | 7.6 | 6.1 |
| CLASSIC | 6.9 | 5.0 | 5.7 | 6.1 | 6.7 | 6.1 |
| BA 76-197 | 6.5 | 5.5 | 5.8 | 5.6 | 7.0 | 6.1 |
| BA 81-113 | 6.5 | 5.0 | 5.3 | 6.8 | 6.7 | 6.1 |
| LTP-620 | 6.0 | 5.1 | 5.8 | 6.0 | 7.4 | 6.1 |
| DRAGON (ZPS-429) | 6.5 | 5.0 | 5.4 | 6.4 | 7.0 | 6.0 |
| HAGA | 7.2 | 4.9 | 5.3 | 6.1 | 6.7 | 6.0 |
| J-1555 | 6.6 | 4.6 | 5.7 | 6.9 | 6.3 | 6.0 |
| LIMOUSINE | 6.5 | 4.0 | 5.5 | 6.2 | 7.8 | 6.0 |

TABLE 14. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 (CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT FIVE LOCATIONS
 USING A 2.1+ INCH MOWING HEIGHT
 1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

| NAME | IA1 | MI1 | MO1 | MO3 | ONL | MEAN |
|---------------------|-----|------|-----|-----|------|------|
| BLUECHIP (MED-1991) | 6.7 | 5.2 | 5.8 | 6.3 | 6.0 | 6.0 |
| CONNI | 6.5 | 5.0 | 4.5 | 6.5 | 7.4 | 6.0 |
| PICK-855 | 6.3 | 4.8 | 5.5 | 5.9 | 7.4 | 6.0 |
| BAR VB 6820 | 5.7 | 4.8 | 5.0 | 6.4 | 7.9 | 6.0 |
| H86-690 | 7.1 | 5.0 | 4.9 | 5.7 | 6.7 | 5.9 |
| PLATINI | 5.9 | 3.7 | 5.7 | 6.5 | 7.4 | 5.8 |
| SRX 2205 | 6.6 | 4.6 | 5.4 | 5.9 | 6.6 | 5.8 |
| BAR VB 233 | 5.6 | 3.6 | 5.3 | 6.5 | 7.6 | 5.7 |
| BARUZO | 6.2 | 4.3 | 4.3 | 5.7 | 7.9 | 5.7 |
| PEPAYA (DP 37-192) | 6.2 | 4.2 | 4.3 | 5.8 | 7.7 | 5.7 |
| LIPOA | 6.4 | 4.1 | 5.3 | 5.6 | 6.7 | 5.6 |
| COMPACT | 5.9 | 4.3 | 5.4 | 5.8 | 6.6 | 5.6 |
| HV 242 | 5.4 | 3.7 | 5.3 | 6.1 | 7.1 | 5.5 |
| KENBLUE | 6.3 | 4.7 | 4.7 | 5.5 | 5.7 | 5.4 |
| LSD VALUE | 0.8 | 0.9 | 0.9 | 0.5 | 1.3 | 0.4 |
| C.V. (%) | 7.4 | 11.2 | 9.4 | 4.7 | 10.9 | 9.0 |

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

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

TABLE 15. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT IN DIFFERENT CLIMATIC ZONES 1/
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

| NAME | TRANSITION ZONE | COOL-HUMID ZONE | COOL-ARID ZONE | MEAN |
|--------------------------|--------------------|--------------------|-------------------|------|
| BRILLIANT (PST-B2-42) | 6.5 | 6.6 | 6.6 | 6.6 |
| MIDNIGHT | 6.6 | 6.4 | 7.3 | 6.5 |
| LIBERATOR (ZPS-2572) | 6.5 | 6.4 | 6.9 | 6.5 |
| AWARD | 6.4 | 6.4 | 7.0 | 6.5 |
| TOTAL ECLIPSE (TCR-1738) | 6.6 | 6.2 | 7.3 | 6.5 |
| ODYSSEY (J-1561) | 6.4 | 6.4 | 6.9 | 6.4 |
| APOLLO (PST-B3-180) | 6.3 | 6.4 | 6.7 | 6.4 |
| IMPACT (J-1576) | 6.4 | 6.3 | 7.0 | 6.4 |
| NUGLADE | 6.3 | 6.3 | 7.1 | 6.4 |
| UNIQUE | 6.5 | 6.3 | 6.7 | 6.4 |
| AMERICA | 6.2 | 6.5 | 6.5 | 6.4 |
| SHOWCASE (PST-BO-141) | 6.3 | 6.3 | 6.7 | 6.4 |
| RUGBY II (MED-18) | 6.2 | 6.2 | 7.1 | 6.3 |
| PRINCETON 105 | 5.7 | 6.5 | 6.7 | 6.3 |
| MOONLIGHT (PST-A418) | 6.1 | 6.2 | 7.0 | 6.3 |
| BLACKSTONE (PST-638) | 6.3 | 6.2 | 6.6 | 6.3 |
| NORTH STAR (PST-A7-60) | 5.4 | 6.6 | 7.2 | 6.3 |
| QUANTUM LEAP (J-1567) | 6.1 | 6.1 | 6.9 | 6.2 |
| PICK 8 | 6.1 | 6.1 | 6.8 | 6.2 |
| ARCADIA (J-1936) | 6.3 | 5.9 | 7.0 | 6.2 |
| BLACKSBURG | 5.9 | 6.1 | 6.6 | 6.1 |
| WILDWOOD | 5.7 | 6.2 | 6.7 | 6.1 |
| GLADE | 5.9 | 6.0 | 6.8 | 6.1 |
| SERENE (PST-A7-245A) | 5.8 | 6.1 | 6.2 | 6.0 |
| ABSOLUTE (MED-1497) | 5.7 | 6.0 | 6.8 | 6.0 |
| JEFFERSON | 5.6 | 6.2 | 5.9 | 6.0 |
| CHAMPAGNE (LTP-621) | 5.9 | 6.0 | 6.2 | 6.0 |
| CHICAGO (J-2582) | 5.9 | 5.9 | 6.6 | 6.0 |
| RAMBO (J-2579) | 5.6 | 6.1 | 6.1 | 6.0 |
| ZPS-2183 | 5.5 | 6.1 | 6.4 | 6.0 |
| ECLIPSE | 5.8 | 6.0 | 6.1 | 6.0 |
| BAR VB 3115B | 5.7 | 6.1 | 5.7 | 5.9 |
| SR 2109 | 5.3 | 6.2 | 6.5 | 5.9 |
| EXPLORER (PICK-3561) | 5.9 | 5.9 | 6.3 | 5.9 |
| NUSTAR | 5.5 | 6.0 | 6.4 | 5.9 |
| SR 2000 | 5.9 | 5.8 | 6.2 | 5.9 |
| PLATINI | 5.6 | 5.9 | 6.4 | 5.9 |
| CHATEAU | 5.6 | 6.0 | 6.2 | 5.9 |
| LIMOUSINE | 5.3 | 6.2 | 5.9 | 5.9 |
| CONNI | 5.1 | 6.3 | 6.3 | 5.9 |
| NJ-GD | 5.4 | 6.1 | 6.1 | 5.9 |
| BA 81-058 | 5.9 | 5.8 | 6.2 | 5.9 |
| ALLURE | 5.6 | 5.9 | 6.2 | 5.8 |
| PST-P46 | 5.4 | 6.0 | 6.5 | 5.8 |
| LKB-95 | 5.3 | 6.1 | 6.2 | 5.8 |

TABLE 15. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT IN DIFFERENT CLIMATIC ZONES
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

| NAME | TRANSITION ZONE | COOL-HUMID ZONE | COOL-ARID ZONE | MEAN |
|----------------------|--------------------|--------------------|-------------------|------|
| COVENTRY | 5.6 | 6.0 | 5.9 | 5.8 |
| ASP200 (HV 130) | 5.7 | 5.9 | 6.1 | 5.8 |
| SHAMROCK | 5.3 | 6.1 | 6.1 | 5.8 |
| NJ 1190 | 4.8 | 6.4 | 5.9 | 5.8 |
| BAR VB 5649 | 5.6 | 5.9 | 6.2 | 5.8 |
| LIVINGSTON | 5.6 | 5.9 | 5.9 | 5.8 |
| SEABRING (BA 79-260) | 5.4 | 5.9 | 6.4 | 5.8 |
| CALIBER | 5.6 | 5.8 | 6.1 | 5.8 |
| PST-BO-165 | 5.8 | 5.7 | 6.1 | 5.8 |
| BA 81-270 | 5.4 | 6.0 | 6.0 | 5.8 |
| BARONIE | 5.6 | 5.8 | 5.9 | 5.7 |
| CHALLENGER | 5.6 | 5.7 | 6.5 | 5.7 |
| JEWEL (BA 81-227) | 5.5 | 5.7 | 6.2 | 5.7 |
| ASCOT | 5.4 | 5.8 | 6.4 | 5.7 |
| RAVEN | 5.4 | 5.7 | 6.1 | 5.7 |
| FORTUNA | 5.7 | 5.5 | 6.3 | 5.7 |
| MARQUIS | 5.4 | 5.7 | 6.4 | 5.7 |
| BA 70-060 | 5.6 | 5.5 | 6.4 | 5.6 |
| BAR VB 233 | 5.4 | 5.6 | 6.3 | 5.6 |
| BA 77-702 | 5.4 | 5.6 | 6.3 | 5.6 |
| BA 75-490 | 5.3 | 5.7 | 6.0 | 5.6 |
| BA 73-373 | 5.4 | 5.6 | 6.2 | 5.6 |
| ABBAY | 5.4 | 5.6 | 6.2 | 5.6 |
| ZPS-309 | 5.5 | 5.6 | 6.1 | 5.6 |
| CLASSIC | 5.3 | 5.7 | 5.8 | 5.6 |
| HAGA | 5.5 | 5.6 | 5.9 | 5.6 |
| NJ-54 | 5.4 | 5.6 | 6.0 | 5.6 |
| BARON | 5.3 | 5.6 | 6.6 | 5.6 |
| BA 81-220 | 5.1 | 5.6 | 6.7 | 5.6 |
| BARTITIA | 4.8 | 5.9 | 6.6 | 5.6 |
| GOLDRUSH (BA 87-102) | 5.7 | 5.4 | 6.3 | 5.6 |
| ENVICTA (BA 75-173) | 5.4 | 5.5 | 6.3 | 5.6 |
| SR 2100 | 5.3 | 5.6 | 6.0 | 5.6 |
| A88-744 | 5.5 | 5.5 | 6.0 | 5.5 |
| MED-1580 | 5.2 | 5.5 | 6.3 | 5.5 |
| DRAGON (ZPS-429) | 5.3 | 5.5 | 6.0 | 5.5 |
| CARDIFF | 4.9 | 5.7 | 6.2 | 5.5 |
| BLUECHIP (MED-1991) | 5.2 | 5.4 | 6.4 | 5.5 |
| J-1555 | 5.6 | 5.2 | 6.3 | 5.5 |
| BA 76-197 | 5.2 | 5.5 | 5.8 | 5.5 |
| BA 75-163 | 5.3 | 5.3 | 6.5 | 5.5 |
| MISTY (BA 76-372) | 4.8 | 5.7 | 6.1 | 5.4 |
| VB 16015 | 5.1 | 5.4 | 6.5 | 5.4 |
| NIMBUS | 4.9 | 5.6 | 6.0 | 5.4 |
| LTP-620 | 5.3 | 5.3 | 6.0 | 5.4 |

TABLE 15. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT IN DIFFERENT CLIMATIC ZONES
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

| NAME | TRANSITION ZONE | COOL-HUMID ZONE | COOL-ARID ZONE | MEAN |
|--------------------|--------------------|--------------------|-------------------|------|
| HV 242 | 5.2 | 5.4 | 6.0 | 5.4 |
| BAR VB 6820 | 4.6 | 5.6 | 6.9 | 5.4 |
| PICK-855 | 4.8 | 5.6 | 6.0 | 5.4 |
| SIDEKICK | 5.3 | 5.3 | 5.8 | 5.4 |
| BA 81-113 | 5.2 | 5.2 | 6.4 | 5.3 |
| H86-690 | 4.4 | 5.3 | 6.3 | 5.1 |
| SRX 2205 | 4.6 | 5.3 | 5.9 | 5.1 |
| SODNET | 4.4 | 5.3 | 6.2 | 5.1 |
| COMPACT | 4.8 | 4.9 | 5.5 | 4.9 |
| LIPOA | 4.4 | 5.0 | 5.9 | 4.9 |
| PEPAYA (DP 37-192) | 4.1 | 5.0 | 6.2 | 4.8 |
| BARUZO | 4.1 | 4.8 | 6.0 | 4.7 |
| KENBLUE | 4.4 | 4.6 | 5.0 | 4.6 |
| LSD VALUE | 0.3 | 0.2 | 0.3 | 0.2 |
| C.V. (%) | 11.3 | 9.6 | 5.9 | 9.8 |

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

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

TABLE 16. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT NINE LOCATIONS
IN THE TRANSITION ZONE 1/
1998 DATA

| NAME | TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/ | | | | | | | | | |
|--------------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | IL2 | KS1 | KY1 | MO1 | MO3 | NC1 | OK1 | UB1 | VA1 | MEAN |
| TOTAL ECLIPSE (TCR-1738) | 8.0 | 3.5 | 8.2 | 6.8 | 8.1 | 5.0 | 7.7 | 6.8 | 5.1 | 6.6 |
| MIDNIGHT | 8.3 | 3.8 | 7.8 | 6.3 | 8.0 | 5.2 | 7.9 | 6.4 | 5.5 | 6.6 |
| BRILLIANT (PST-B2-42) | 7.9 | 5.6 | 7.3 | 5.9 | 6.9 | 5.2 | 7.0 | 7.3 | 5.8 | 6.5 |
| LIBERATOR (ZES-2572) | 7.6 | 3.9 | 7.1 | 6.0 | 8.0 | 5.5 | 7.7 | 6.5 | 6.1 | 6.5 |
| UNIQUE | 7.7 | 6.0 | 7.7 | 6.0 | 6.7 | 4.3 | 6.9 | 6.7 | 6.3 | 6.5 |
| AWARD | 6.9 | 3.3 | 7.8 | 6.3 | 8.1 | 5.0 | 8.0 | 6.7 | 5.7 | 6.4 |
| IMPACT (J-1576) | 7.8 | 3.7 | 7.2 | 6.2 | 8.0 | 4.6 | 8.1 | 6.8 | 5.5 | 6.4 |
| ODYSSEY (J-1561) | 7.1 | 3.4 | 7.3 | 6.3 | 8.0 | 5.2 | 7.8 | 6.9 | 5.3 | 6.4 |
| NUGLADE | 6.9 | 3.3 | 7.5 | 5.8 | 8.0 | 4.9 | 8.0 | 6.7 | 5.6 | 6.3 |
| ARCADIA (J-1936) | 6.8 | 4.2 | 7.1 | 6.3 | 7.3 | 5.3 | 7.6 | 6.2 | 5.9 | 6.3 |
| SHOWCASE (PST-BO-141) | 7.7 | 5.6 | 7.6 | 5.5 | 6.5 | 4.5 | 6.9 | 6.1 | 6.2 | 6.3 |
| BLACKSTONE (EST-638) | 7.0 | 4.6 | 6.4 | 6.5 | 7.0 | 5.7 | 7.3 | 5.1 | 6.9 | 6.3 |
| APOLLO (PST-B3-180) | 7.1 | 5.5 | 7.1 | 6.0 | 6.3 | 4.6 | 7.1 | 6.9 | 5.6 | 6.3 |
| AMERICA | 7.3 | 5.5 | 7.8 | 5.5 | 6.2 | 4.3 | 7.1 | 6.5 | 5.7 | 6.2 |
| RUGBY II (MED-18) | 7.0 | 3.6 | 7.5 | 6.4 | 7.5 | 4.0 | 7.7 | 6.5 | 5.5 | 6.2 |
| QUANTUM LEAP (J-1567) | 7.1 | 3.9 | 7.5 | 6.3 | 7.4 | 4.4 | 7.5 | 6.3 | 4.9 | 6.1 |
| MOONLIGHT (PST-A418) | 7.0 | 3.3 | 6.9 | 6.1 | 7.6 | 4.5 | 7.0 | 5.8 | 6.9 | 6.1 |
| PICK 8 | 8.0 | 4.7 | 7.0 | 5.8 | 7.1 | 4.1 | 7.6 | 5.1 | 5.3 | 6.1 |
| GLADE | 6.1 | 3.8 | 7.1 | 6.3 | 7.2 | 4.9 | 6.9 | 6.0 | 5.1 | 5.9 |
| CHAMPAGNE (LTP-621) | 6.5 | 4.1 | 7.0 | 6.0 | 6.5 | 4.6 | 6.6 | 5.3 | 6.4 | 5.9 |
| BLACKSBURG | 6.2 | 3.9 | 6.5 | 6.5 | 7.0 | 4.6 | 7.5 | 5.3 | 5.3 | 5.9 |
| CHICAGO (J-2582) | 7.2 | 3.5 | 6.3 | 6.0 | 6.4 | 4.3 | 7.5 | 6.1 | 5.4 | 5.9 |
| BA 81-058 | 6.5 | 3.6 | 7.7 | 6.2 | 7.1 | 4.8 | 7.2 | 4.6 | 5.1 | 5.9 |
| SR 2000 | 6.0 | 4.3 | 7.1 | 5.4 | 7.2 | 4.8 | 7.4 | 5.1 | 5.5 | 5.9 |
| EXPLORER (PICK-3561) | 6.2 | 3.9 | 6.6 | 5.8 | 6.7 | 5.1 | 7.1 | 6.5 | 4.7 | 5.9 |
| SERENE (PST-A7-245A) | 6.6 | 3.7 | 7.0 | 6.2 | 7.3 | 4.5 | 6.8 | 5.2 | 5.2 | 5.8 |
| ECLIPSE | 6.7 | 3.4 | 7.0 | 6.0 | 6.3 | 4.6 | 7.0 | 5.8 | 5.4 | 5.8 |
| PST-BO-165 | 6.7 | 4.1 | 6.7 | 6.1 | 7.2 | 4.6 | 6.8 | 4.8 | 4.8 | 5.8 |
| PRINCETON 105 | 7.8 | 3.5 | 6.1 | 6.2 | 6.6 | 5.1 | 6.6 | 5.5 | 4.1 | 5.7 |
| ABSOLUTE (MED-1497) | 6.3 | 3.0 | 6.1 | 5.7 | 7.2 | 4.7 | 7.6 | 5.9 | 4.9 | 5.7 |
| ASP200 (HV 130) | 5.9 | 4.9 | 5.9 | 6.1 | 6.7 | 4.3 | 6.3 | 5.8 | 5.4 | 5.7 |
| GOLDRUSH (BA 87-102) | 5.8 | 4.6 | 6.3 | 5.9 | 7.0 | 5.3 | 6.0 | 5.1 | 5.2 | 5.7 |
| FORTUNA | 5.8 | 3.8 | 6.8 | 6.0 | 6.8 | 4.8 | 6.7 | 5.7 | 4.7 | 5.7 |
| BAR VB 3115B | 7.3 | 3.7 | 6.3 | 6.0 | 6.0 | 4.1 | 6.1 | 6.1 | 5.3 | 5.7 |
| WILDWOOD | 5.5 | 4.4 | 6.3 | 5.8 | 7.0 | 5.3 | 7.0 | 4.9 | 4.8 | 5.7 |
| J-1555 | 5.9 | 3.5 | 6.5 | 5.7 | 6.9 | 4.7 | 7.2 | 5.7 | 4.6 | 5.6 |
| RAMBO (J-2579) | 5.4 | 3.1 | 6.3 | 6.1 | 6.9 | 4.3 | 6.9 | 7.1 | 4.7 | 5.6 |
| BARONIE | 6.5 | 3.9 | 6.3 | 6.0 | 6.0 | 5.0 | 6.7 | 4.7 | 5.3 | 5.6 |
| PLATINI | 6.6 | 4.2 | 5.9 | 5.7 | 6.5 | 4.7 | 6.7 | 6.0 | 4.2 | 5.6 |
| COVENTRY | 6.0 | 3.6 | 6.1 | 5.7 | 7.3 | 4.4 | 6.8 | 5.4 | 5.1 | 5.6 |
| JEFFERSON | 5.4 | 4.1 | 7.3 | 5.7 | 6.0 | 4.8 | 6.7 | 5.0 | 5.4 | 5.6 |
| ALLURE | 6.5 | 3.0 | 6.7 | 6.1 | 7.1 | 4.8 | 6.7 | 4.7 | 4.7 | 5.6 |
| BAR VB 5649 | 6.7 | 4.1 | 5.5 | 5.8 | 6.1 | 4.4 | 6.9 | 6.3 | 4.6 | 5.6 |
| CALIBER | 5.6 | 3.7 | 6.5 | 5.5 | 6.1 | 5.6 | 6.6 | 6.0 | 4.5 | 5.6 |

TABLE 16. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 (CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT NINE LOCATIONS
 IN THE TRANSITION ZONE
 1998 DATA

| NAME | TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF | | | | | | | | | |
|------------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | IL2 | KS1 | KY1 | MO1 | MO3 | NC1 | OK1 | UB1 | VA1 | MEAN |
| BA 70-060 | 5.7 | 3.8 | 6.8 | 5.8 | 6.9 | 5.1 | 6.4 | 4.0 | 5.6 | 5.6 |
| CHALLENGER | 5.3 | 4.1 | 6.6 | 5.8 | 6.8 | 4.8 | 7.0 | 4.8 | 5.0 | 5.6 |
| CHATEAU | 6.0 | 4.2 | 6.0 | 6.0 | 6.8 | 4.9 | 6.7 | 4.8 | 4.6 | 5.6 |
| LIVINGSTON | 6.1 | 4.2 | 6.1 | 5.9 | 6.2 | 4.3 | 6.6 | 5.2 | 5.4 | 5.6 |
| NUSTAR | 5.5 | 3.2 | 6.5 | 5.6 | 6.6 | 5.1 | 6.7 | 5.3 | 5.4 | 5.5 |
| ZPS-309 | 6.8 | 3.6 | 6.0 | 5.8 | 6.5 | 4.4 | 6.7 | 5.3 | 4.8 | 5.5 |
| JEWEL (BA 81-227) | 6.6 | 4.2 | 5.9 | 5.4 | 6.7 | 5.2 | 6.9 | 4.0 | 4.8 | 5.5 |
| A88-744 | 6.4 | 3.3 | 6.8 | 5.0 | 6.7 | 4.6 | 6.9 | 4.6 | 5.2 | 5.5 |
| ZPS-2183 | 5.3 | 4.4 | 5.8 | 5.7 | 6.5 | 4.1 | 6.7 | 5.0 | 5.7 | 5.5 |
| HAGA | 6.5 | 3.5 | 6.6 | 5.3 | 6.1 | 4.4 | 6.7 | 4.9 | 5.3 | 5.5 |
| BAR VB 233 | 6.3 | 3.9 | 5.9 | 5.3 | 6.5 | 4.5 | 6.6 | 5.8 | 4.2 | 5.4 |
| RAVEN | 5.4 | 3.3 | 6.8 | 5.8 | 6.9 | 4.5 | 6.9 | 3.8 | 5.6 | 5.4 |
| NJ-GD | 5.5 | 3.6 | 6.5 | 5.7 | 6.2 | 5.8 | 6.6 | 3.7 | 5.4 | 5.4 |
| NORTH STAR (EST-A7-60) | 5.4 | 3.6 | 6.2 | 5.8 | 7.0 | 4.9 | 7.1 | 5.0 | 4.0 | 5.4 |
| SEABRING (BA 79-260) | 6.4 | 3.3 | 6.8 | 6.3 | 7.3 | 3.9 | 6.5 | 4.0 | 4.5 | 5.4 |
| BA 77-702 | 6.0 | 3.6 | 6.8 | 5.3 | 7.2 | 4.3 | 6.4 | 3.8 | 5.6 | 5.4 |
| ENVICTA (BA 75-173) | 4.6 | 4.3 | 7.0 | 5.3 | 6.9 | 4.6 | 6.5 | 3.8 | 5.8 | 5.4 |
| BA 73-373 | 5.4 | 3.5 | 6.8 | 5.3 | 6.5 | 5.2 | 6.7 | 3.5 | 5.7 | 5.4 |
| NJ-54 | 6.4 | 3.8 | 6.0 | 5.8 | 6.4 | 4.1 | 6.4 | 4.3 | 5.5 | 5.4 |
| MARQUIS | 4.1 | 4.0 | 6.5 | 5.6 | 6.9 | 4.6 | 6.7 | 4.8 | 5.5 | 5.4 |
| ABBEY | 6.0 | 3.8 | 6.7 | 5.5 | 6.6 | 4.2 | 6.3 | 3.6 | 5.8 | 5.4 |
| BA 81-270 | 6.7 | 3.5 | 5.8 | 5.5 | 6.8 | 4.4 | 6.7 | 4.5 | 4.3 | 5.4 |
| PST-P46 | 5.8 | 3.6 | 5.9 | 5.5 | 7.0 | 4.6 | 6.9 | 4.3 | 4.7 | 5.4 |
| ASCOT | 4.9 | 3.4 | 5.9 | 6.0 | 6.8 | 4.1 | 7.2 | 5.2 | 4.8 | 5.4 |
| CLASSIC | 5.0 | 3.5 | 6.5 | 5.7 | 6.1 | 4.7 | 6.6 | 4.6 | 5.4 | 5.3 |
| LTP-620 | 5.7 | 3.5 | 5.7 | 5.8 | 6.0 | 5.0 | 6.9 | 4.5 | 5.0 | 5.3 |
| SR 2100 | 5.8 | 3.8 | 6.2 | 5.8 | 6.8 | 4.3 | 6.7 | 3.6 | 5.3 | 5.3 |
| LIMOUSINE | 5.1 | 3.8 | 5.3 | 5.5 | 6.2 | 4.6 | 6.3 | 7.5 | 3.8 | 5.3 |
| SIDEKICK | 5.6 | 3.0 | 7.1 | 5.0 | 6.5 | 4.5 | 6.7 | 3.7 | 5.9 | 5.3 |
| BA 75-490 | 6.8 | 3.8 | 6.3 | 5.7 | 6.3 | 4.0 | 6.7 | 3.3 | 5.1 | 5.3 |
| LKB-95 | 4.2 | 4.0 | 6.0 | 5.6 | 6.0 | 5.6 | 5.8 | 5.1 | 5.5 | 5.3 |
| BA 75-163 | 5.9 | 3.7 | 7.3 | 5.1 | 6.6 | 4.4 | 6.9 | 3.1 | 4.8 | 5.3 |
| DRAGON (ZPS-429) | 5.8 | 3.6 | 6.4 | 5.4 | 6.4 | 4.9 | 6.9 | 2.9 | 5.4 | 5.3 |
| SR 2109 | 5.8 | 4.7 | 5.0 | 5.7 | 6.3 | 4.1 | 6.1 | 4.7 | 5.1 | 5.3 |
| SHAMROCK | 6.2 | 3.6 | 6.0 | 5.4 | 6.5 | 4.3 | 6.3 | 4.0 | 5.3 | 5.3 |
| BARON | 5.0 | 3.4 | 6.0 | 5.6 | 6.5 | 4.5 | 6.9 | 4.8 | 4.6 | 5.3 |
| BLUECHIP (MED-1991) | 4.5 | 3.1 | 6.0 | 5.8 | 6.3 | 4.5 | 6.6 | 5.3 | 5.1 | 5.2 |
| HV 242 | 6.1 | 3.6 | 5.3 | 5.3 | 6.1 | 4.0 | 6.7 | 6.0 | 3.8 | 5.2 |
| MED-1580 | 5.1 | 3.3 | 6.8 | 5.4 | 6.3 | 4.4 | 6.0 | 4.9 | 4.5 | 5.2 |
| BA 76-197 | 3.5 | 3.9 | 5.7 | 5.8 | 5.6 | 5.5 | 5.9 | 5.2 | 5.5 | 5.2 |
| BA 81-113 | 4.5 | 3.8 | 6.5 | 5.3 | 6.8 | 4.9 | 6.5 | 3.0 | 5.2 | 5.2 |
| BA 81-220 | 4.6 | 3.9 | 6.9 | 5.5 | 6.9 | 3.7 | 6.4 | 2.8 | 5.1 | 5.1 |
| VB 16015 | 5.3 | 2.4 | 6.3 | 5.3 | 7.1 | 5.2 | 5.9 | 3.9 | 4.4 | 5.1 |
| CONNI | 5.8 | 3.2 | 4.8 | 4.5 | 6.5 | 4.0 | 6.3 | 6.2 | 4.2 | 5.1 |
| NIMBUS | 4.4 | 3.6 | 6.0 | 5.6 | 6.2 | 4.5 | 6.3 | 3.0 | 4.9 | 4.9 |

TABLE 16. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT NINE LOCATIONS
IN THE TRANSITION ZONE
1998 DATA

| NAME | TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF | | | | | | | | | MEAN |
|--------------------|---|------|-----|-----|-----|------|-----|------|------|------|
| | IL2 | KS1 | KY1 | MO1 | MO3 | NC1 | OK1 | UB1 | VA1 | |
| CARDIFF | 4.0 | 2.6 | 5.1 | 5.5 | 5.9 | 5.2 | 6.0 | 5.2 | 4.2 | 4.9 |
| COMPACT | 4.3 | 3.5 | 5.3 | 5.4 | 5.8 | 4.3 | 5.7 | 4.9 | 4.5 | 4.8 |
| MISTY (BA 76-372) | 4.2 | 3.7 | 5.7 | 5.7 | 6.3 | 4.4 | 7.0 | 2.7 | 3.8 | 4.8 |
| PICK-855 | 4.2 | 3.4 | 6.0 | 5.5 | 5.9 | 4.8 | 6.3 | 3.3 | 4.0 | 4.8 |
| BARTITIA | 3.6 | 3.6 | 3.7 | 6.2 | 5.8 | 4.4 | 6.3 | 5.6 | 3.8 | 4.8 |
| NJ 1190 | 4.0 | 3.5 | 4.8 | 5.3 | 5.6 | 4.6 | 5.5 | 4.8 | 4.7 | 4.8 |
| SRX 2205 | 3.5 | 4.4 | 4.5 | 5.4 | 5.9 | 4.0 | 5.8 | 3.2 | 4.8 | 4.6 |
| BAR VB 6820 | 4.1 | 2.9 | 3.7 | 5.0 | 6.4 | 4.1 | 5.8 | 6.0 | 3.0 | 4.6 |
| H86-690 | 3.5 | 3.7 | 4.9 | 4.9 | 5.7 | 4.6 | 4.9 | 3.5 | 4.4 | 4.4 |
| LIPOA | 3.3 | 3.8 | 3.5 | 5.3 | 5.6 | 4.1 | 5.8 | 5.4 | 3.1 | 4.4 |
| SODNET | 3.9 | 2.9 | 3.8 | 5.3 | 6.8 | 3.9 | 5.7 | 3.8 | 3.7 | 4.4 |
| KENBLUE | 4.5 | 3.1 | 5.8 | 4.7 | 5.5 | 4.8 | 5.4 | 2.2 | 3.8 | 4.4 |
| BARUZO | 3.7 | 2.1 | 4.0 | 4.3 | 5.7 | 4.9 | 6.3 | 2.4 | 3.8 | 4.1 |
| PEPAYA (DP 37-192) | 3.8 | 2.5 | 2.9 | 4.3 | 5.8 | 4.3 | 5.5 | 4.4 | 3.4 | 4.1 |
| LSD VALUE | 1.2 | 1.1 | 0.9 | 0.9 | 0.5 | 1.2 | 0.8 | 1.2 | 1.0 | 0.3 |
| C.V. (%) | 12.5 | 18.7 | 9.0 | 9.4 | 4.7 | 16.5 | 7.3 | 15.0 | 12.6 | 11.3 |

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

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

TABLE 17. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT FIFTEEN LOCATIONS
IN THE COOL-HUMID ZONE
1998 DATA

| NAME | TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF | | | | | | | | | | | | | | MEAN | |
|--------------------|---|------|-----|------|-----|------|-----|-----|------|------|-----|------|-----|-----|------|-----|
| | IA1 | IL1 | IN1 | MA1 | ME1 | MI1 | MN1 | NE1 | NJ1 | NJ2 | OH1 | ON1 | PA1 | QE1 | | RI1 |
| HV 242 | 5.4 | 3.1 | 5.9 | 5.9 | 6.6 | 3.7 | 5.2 | 5.9 | 4.0 | 4.4 | 7.9 | 7.1 | 2.7 | 7.0 | 5.6 | 5.4 |
| H86-690 | 7.1 | 4.0 | 4.9 | 3.0 | 6.4 | 5.0 | 5.5 | 5.3 | 2.6 | 3.9 | 8.1 | 6.7 | 5.9 | 7.2 | 4.6 | 5.3 |
| BA 75-163 | 6.2 | 3.4 | 4.8 | 3.2 | 6.7 | 5.7 | 4.6 | 5.3 | 2.5 | 4.2 | 8.1 | 7.6 | 5.2 | 7.7 | 4.9 | 5.3 |
| LTP-620 | 6.0 | 4.2 | 5.1 | 3.2 | 6.6 | 5.1 | 5.7 | 5.1 | 3.3 | 4.0 | 8.0 | 7.4 | 5.3 | 6.7 | 3.9 | 5.3 |
| SODNET | 6.7 | 3.7 | 4.9 | 3.2 | 7.3 | 5.0 | 5.6 | 5.5 | 2.2 | 4.3 | 8.0 | 6.8 | 5.0 | 7.6 | 3.4 | 5.3 |
| SIDEKICK | 6.3 | 3.9 | 4.5 | 3.0 | 6.5 | 5.3 | 5.6 | 4.3 | 3.7 | 4.6 | 7.9 | 7.6 | 4.5 | 6.8 | 4.7 | 5.3 |
| SRX 2205 | 6.6 | 3.2 | 5.5 | 3.2 | 5.5 | 4.6 | 5.4 | 5.1 | 3.3 | 4.7 | 8.1 | 6.6 | 5.8 | 6.5 | 5.0 | 5.3 |
| J-1555 | 6.6 | 3.9 | 2.8 | 4.3 | 6.9 | 4.6 | 5.7 | 5.5 | 2.7 | 3.6 | 8.3 | 6.3 | 4.8 | 7.2 | 5.0 | 5.2 |
| BA 81-113 | 6.5 | 3.2 | 5.0 | 3.8 | 6.6 | 5.0 | 5.3 | 4.7 | 2.3 | 4.0 | 8.1 | 6.7 | 4.8 | 6.9 | 4.9 | 5.2 |
| LIPOA | 6.4 | 3.5 | 3.4 | 4.0 | 6.4 | 4.1 | 6.0 | 5.1 | 2.0 | 3.6 | 8.1 | 6.7 | 4.3 | 7.0 | 4.3 | 5.0 |
| PEPAYA (DP 37-192) | 6.2 | 3.0 | 4.9 | 4.9 | 5.8 | 4.2 | 5.0 | 4.3 | 2.5 | 4.7 | 8.1 | 7.7 | 3.2 | 7.2 | 3.2 | 5.0 |
| COMPACT | 5.9 | 3.9 | 3.2 | 3.1 | 6.0 | 4.3 | 4.4 | 4.9 | 2.8 | 3.2 | 7.7 | 6.6 | 5.9 | 6.5 | 5.0 | 4.9 |
| BARUZO | 6.2 | 2.7 | 3.5 | 3.1 | 6.2 | 4.3 | 3.3 | 3.9 | 1.8 | 4.0 | 7.8 | 7.9 | 5.7 | 6.9 | 4.9 | 4.8 |
| KENBLUE | 6.3 | 3.5 | 3.1 | 2.7 | 5.4 | 4.7 | 4.9 | 4.1 | 2.4 | 3.3 | 6.8 | 5.7 | 4.9 | 6.9 | 4.2 | 4.6 |
| LSD VALUE | 0.8 | 0.9 | 0.9 | 1.1 | 0.8 | 0.9 | 0.7 | 0.7 | 1.1 | 1.2 | 0.5 | 1.3 | 0.9 | 0.5 | 0.8 | 0.2 |
| C.V. (%) | 7.4 | 13.7 | 9.6 | 15.2 | 7.3 | 11.2 | 7.2 | 7.7 | 16.6 | 15.8 | 3.5 | 10.9 | 9.7 | 4.4 | 8.9 | 9.6 |

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

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

TABLE 18. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT THREE LOCATIONS
IN THE COOL-ARID ZONE 1/
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

| NAME | AB1 | UT1 | WA1 | MEAN |
|--------------------------|-----|-----|-----|------|
| TOTAL ECLIPSE (TCR-1738) | 7.4 | 6.9 | 7.4 | 7.3 |
| MIDNIGHT | 7.5 | 6.8 | 7.5 | 7.3 |
| NORTH STAR (PST-A7-60) | 7.3 | 7.3 | 7.0 | 7.2 |
| RUGBY II (MED-18) | 7.4 | 6.5 | 7.3 | 7.1 |
| NUGLADE | 7.6 | 6.5 | 7.1 | 7.1 |
| ARCADIA (J-1936) | 7.2 | 6.8 | 7.1 | 7.0 |
| IMPACT (J-1576) | 6.9 | 6.9 | 7.2 | 7.0 |
| AWARD | 7.4 | 6.5 | 7.1 | 7.0 |
| MOONLIGHT (PST-A418) | 7.2 | 6.3 | 7.5 | 7.0 |
| LIBERATOR (ZPS-2572) | 7.4 | 6.2 | 7.1 | 6.9 |
| QUANTUM LEAP (J-1567) | 7.4 | 6.6 | 6.7 | 6.9 |
| BAR VB 6820 | 7.4 | 6.3 | 7.0 | 6.9 |
| ODYSSEY (J-1561) | 7.1 | 6.5 | 7.0 | 6.9 |
| GLADE | 6.9 | 6.9 | 6.8 | 6.8 |
| ABSOLUTE (MED-1497) | 7.4 | 5.9 | 7.1 | 6.8 |
| PICK 8 | 7.2 | 6.3 | 6.8 | 6.8 |
| PRINCETON 105 | 7.1 | 6.2 | 7.0 | 6.7 |
| BA 81-220 | 7.1 | 6.2 | 6.9 | 6.7 |
| WILDWOOD | 7.3 | 5.5 | 7.2 | 6.7 |
| APOLLO (PST-B3-180) | 7.0 | 6.4 | 6.7 | 6.7 |
| UNIQUE | 7.3 | 5.9 | 6.8 | 6.7 |
| SHOWCASE (PST-BO-141) | 7.1 | 6.0 | 6.9 | 6.7 |
| BLACKSBURG | 7.1 | 6.0 | 6.9 | 6.6 |
| BARON | 7.1 | 6.1 | 6.7 | 6.6 |
| BARTITIA | 7.3 | 5.8 | 6.7 | 6.6 |
| BRILLIANT (PST-B2-42) | 7.4 | 5.5 | 6.9 | 6.6 |
| BLACKSTONE (PST-638) | 7.1 | 5.9 | 6.7 | 6.6 |
| CHICAGO (J-2582) | 6.9 | 6.1 | 6.7 | 6.6 |
| PST-P46 | 7.0 | 5.8 | 6.8 | 6.5 |
| SR 2109 | 7.2 | 6.1 | 6.3 | 6.5 |
| BA 75-163 | 7.1 | 5.4 | 7.0 | 6.5 |
| VB 16015 | 7.1 | 5.7 | 6.7 | 6.5 |
| CHALLENGER | 7.2 | 5.5 | 6.8 | 6.5 |
| AMERICA | 7.1 | 5.8 | 6.5 | 6.5 |
| BLUECHIP (MED-1991) | 7.0 | 5.7 | 6.6 | 6.4 |
| ZPS-2183 | 7.0 | 5.6 | 6.7 | 6.4 |
| MARQUIS | 7.1 | 5.6 | 6.5 | 6.4 |
| PLATINI | 7.3 | 5.2 | 6.6 | 6.4 |
| ASCOT | 6.9 | 5.6 | 6.6 | 6.4 |
| BA 81-113 | 6.9 | 5.7 | 6.6 | 6.4 |
| NUSTAR | 6.9 | 5.9 | 6.2 | 6.4 |
| SEABRING (BA 79-260) | 6.9 | 5.1 | 7.1 | 6.4 |
| BA 70-060 | 7.1 | 5.4 | 6.6 | 6.4 |
| MED-1580 | 6.7 | 5.8 | 6.5 | 6.3 |
| FORTUNA | 6.8 | 5.6 | 6.7 | 6.3 |

TABLE 18. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT THREE LOCATIONS
IN THE COOL-ARID ZONE
1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

| NAME | AB1 | UT1 | WA1 | MEAN |
|----------------------|-----|-----|-----|------|
| BA 77-702 | 6.9 | 5.4 | 6.6 | 6.3 |
| J-1555 | 7.2 | 5.4 | 6.3 | 6.3 |
| H86-690 | 6.7 | 6.0 | 6.1 | 6.3 |
| EXPLORER (PICK-3561) | 7.3 | 5.3 | 6.2 | 6.3 |
| BAR VB 233 | 7.3 | 5.2 | 6.2 | 6.3 |
| CONNI | 6.8 | 5.6 | 6.4 | 6.3 |
| GOLDRUSH (BA 87-102) | 7.0 | 5.4 | 6.4 | 6.3 |
| ENVICTA (BA 75-173) | 7.0 | 5.3 | 6.4 | 6.3 |
| BA 73-373 | 6.9 | 5.3 | 6.5 | 6.2 |
| SODNET | 6.9 | 5.2 | 6.6 | 6.2 |
| SR 2000 | 7.3 | 5.2 | 6.3 | 6.2 |
| CHATEAU | 7.4 | 5.0 | 6.3 | 6.2 |
| ABBAY | 6.9 | 5.8 | 5.9 | 6.2 |
| CARDIFF | 7.0 | 5.2 | 6.5 | 6.2 |
| BA 81-058 | 7.0 | 5.1 | 6.5 | 6.2 |
| ALLURE | 7.5 | 4.8 | 6.3 | 6.2 |
| PEPAYA (DP 37-192) | 7.0 | 5.6 | 6.0 | 6.2 |
| LKB-95 | 7.1 | 5.4 | 6.1 | 6.2 |
| BAR VB 5649 | 7.3 | 5.1 | 6.2 | 6.2 |
| CHAMPAGNE (LTP-621) | 6.9 | 5.5 | 6.2 | 6.2 |
| JEWEL (BA 81-227) | 6.9 | 5.1 | 6.5 | 6.2 |
| SERENE (PST-A7-245A) | 7.2 | 5.2 | 6.1 | 6.2 |
| SHAMROCK | 7.2 | 5.3 | 6.0 | 6.1 |
| RAVEN | 6.9 | 5.1 | 6.4 | 6.1 |
| CALIBER | 7.2 | 5.1 | 6.1 | 6.1 |
| ZPS-309 | 7.1 | 5.2 | 6.1 | 6.1 |
| ECLIPSE | 6.8 | 5.3 | 6.3 | 6.1 |
| PST-BO-165 | 7.4 | 5.0 | 6.0 | 6.1 |
| RAMBO (J-2579) | 7.4 | 4.9 | 6.0 | 6.1 |
| ASP200 (HV 130) | 6.9 | 5.3 | 6.1 | 6.1 |
| MISTY (BA 76-372) | 7.2 | 5.0 | 6.0 | 6.1 |
| NJ-GD | 7.1 | 4.7 | 6.4 | 6.1 |
| NIMBUS | 7.1 | 5.2 | 5.8 | 6.0 |
| A88-744 | 6.9 | 5.1 | 6.2 | 6.0 |
| NJ-54 | 6.8 | 5.3 | 6.0 | 6.0 |
| BA 75-490 | 6.9 | 5.1 | 6.0 | 6.0 |
| DRAGON (ZES-429) | 6.6 | 5.3 | 6.2 | 6.0 |
| HV 242 | 7.3 | 4.9 | 5.9 | 6.0 |
| PICK-855 | 6.8 | 5.4 | 5.7 | 6.0 |
| LTP-620 | 6.7 | 5.1 | 6.1 | 6.0 |
| BARUZO | 6.7 | 5.4 | 5.7 | 6.0 |
| SR 2100 | 6.8 | 5.1 | 6.0 | 6.0 |
| BA 81-270 | 7.1 | 4.7 | 6.1 | 6.0 |
| NJ 1190 | 7.5 | 4.3 | 6.0 | 5.9 |

TABLE 18. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 (CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT THREE LOCATIONS
 IN THE COOL-ARID ZONE
 1998 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

| NAME | AB1 | UT1 | WA1 | MEAN |
|--------------|-----|-----|-----|------|
| LIPOA | 7.2 | 4.9 | 5.7 | 5.9 |
| SRX 2205 | 6.4 | 5.4 | 5.9 | 5.9 |
| BARONIE | 7.0 | 4.7 | 6.0 | 5.9 |
| LIVINGSTON | 6.9 | 4.7 | 6.0 | 5.9 |
| COVENTRY | 7.2 | 5.0 | 5.5 | 5.9 |
| JEFFERSON | 6.4 | 5.1 | 6.2 | 5.9 |
| HAGA | 7.1 | 4.8 | 5.7 | 5.9 |
| LIMOUSINE | 7.6 | 4.6 | 5.5 | 5.9 |
| BA 76-197 | 6.6 | 4.9 | 6.0 | 5.8 |
| SIDEKICK | 6.8 | 4.9 | 5.8 | 5.8 |
| CLASSIC | 6.8 | 4.8 | 5.6 | 5.8 |
| BAR VB 3115B | 7.1 | 4.4 | 5.5 | 5.7 |
| COMPACT | 6.6 | 4.4 | 5.4 | 5.5 |
| KENBLUE | 6.4 | 3.9 | 4.8 | 5.0 |
| LSD VALUE | 0.4 | 0.8 | 0.5 | 0.3 |
| C.V. (%) | 3.6 | 9.1 | 5.1 | 5.9 |

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 19. (CONT'D)

GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT
1998 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN

| NAME | AB1 | IA1 | IL1 | IL2 | IN1 | KS1 | KY1 | ME1 | MI1 | MN1 | MO1 | MO3 | NC1 | NE1 | NE2 | OH1 | OK1 | ON1 | PA1 | QE1 | RI1 | UB1 | UT1 | VA1 | WA1 | MEAN |
|--------------|-----|------|------|------|-----|-----|------|-----|------|------|------|-----|------|-----|-----|-----|-----|------|------|------|-----|-----|------|------|-----|------|
| NJ-54 | 6.0 | 6.3 | 4.7 | 3.7 | 5.0 | 6.3 | 6.0 | 8.0 | 7.0 | 6.0 | 4.7 | 6.7 | 7.0 | 6.0 | 7.0 | 7.0 | 6.7 | 5.3 | 4.7 | 5.7 | 7.0 | 7.0 | 4.7 | 5.3 | 7.7 | 6.1 |
| LIVINGSTON | 6.0 | 6.3 | 5.0 | 4.7 | 6.0 | 6.0 | 6.0 | 7.3 | 6.7 | 6.0 | 5.0 | 6.7 | 8.0 | 5.3 | 6.7 | 6.0 | 6.0 | 5.7 | 4.7 | 5.3 | 7.0 | 6.7 | 5.0 | 6.0 | 7.0 | 6.0 |
| BA 81-270 | 5.7 | 6.7 | 4.7 | 6.3 | 6.3 | 5.7 | 5.7 | 8.0 | 4.7 | 7.0 | 4.3 | 7.0 | 7.0 | 6.0 | 7.0 | 6.7 | 6.7 | 4.0 | 4.0 | 5.3 | 5.7 | 7.7 | 5.7 | 5.0 | 7.3 | 6.0 |
| BARONIE | 6.0 | 6.3 | 5.0 | 2.3 | 6.0 | 5.0 | 7.3 | 7.3 | 7.0 | 6.7 | 5.3 | 7.3 | 6.3 | 6.0 | 7.0 | 6.0 | 6.3 | 4.7 | 3.3 | 6.3 | 6.0 | 7.7 | 4.7 | 5.3 | 7.0 | 5.9 |
| LKB-95 | 6.0 | 5.0 | 4.7 | 3.0 | 5.7 | 6.7 | 6.0 | 7.0 | 5.7 | 6.0 | 4.7 | 7.3 | 7.0 | 6.0 | 7.0 | 6.0 | 6.3 | 4.7 | 4.0 | 6.0 | 5.7 | 6.3 | 4.7 | 8.3 | 7.3 | 5.9 |
| HAGA | 6.0 | 6.7 | 6.0 | 4.0 | 6.3 | 5.3 | 7.7 | 7.0 | 5.3 | 6.0 | 5.0 | 7.3 | 7.3 | 5.3 | 7.0 | 5.3 | 6.0 | 5.0 | 3.3 | 5.3 | 5.0 | 7.3 | 5.0 | 5.0 | 7.0 | 5.9 |
| SRX 2205 | 5.7 | 6.7 | 3.0 | 4.7 | 5.7 | 6.7 | 2.7 | 7.0 | 6.0 | 5.3 | 4.3 | 6.3 | 6.0 | 6.0 | 6.7 | 5.7 | 7.0 | 6.0 | 5.3 | 5.3 | 6.0 | 6.7 | 7.3 | 6.0 | 7.7 | 5.8 |
| NJ 1190 | 6.0 | 6.0 | 3.7 | 5.0 | 5.3 | 6.0 | 4.7 | 8.0 | 5.7 | 6.3 | 4.7 | 7.7 | 7.3 | 5.7 | 6.7 | 6.3 | 6.7 | 4.7 | 4.7 | 5.3 | 4.7 | 7.0 | 5.3 | 5.7 | 6.3 | 5.8 |
| LIMOUSINE | 5.7 | 6.7 | 2.3 | 5.0 | 6.3 | 6.3 | 2.7 | 7.3 | 5.0 | 6.3 | 4.7 | 7.7 | 8.0 | 6.3 | 7.0 | 6.0 | 6.3 | 6.3 | 3.0 | 5.0 | 5.3 | 7.0 | 3.7 | 5.0 | 7.3 | 5.7 |
| BA 76-197 | 5.3 | 6.3 | 4.0 | 4.7 | 6.0 | 6.3 | 5.0 | 7.0 | 6.0 | 5.7 | 4.3 | 6.7 | 8.0 | 5.0 | 7.0 | 5.0 | 6.7 | 4.7 | 2.0 | 5.7 | 4.3 | 6.3 | 6.3 | 4.7 | 7.0 | 5.6 |
| NIMBUS | 6.0 | 5.7 | 4.7 | 4.3 | 4.7 | 6.0 | 6.0 | 7.3 | 5.7 | 5.0 | 4.3 | 6.0 | 7.3 | 5.7 | 7.0 | 5.7 | 6.3 | 3.3 | 3.3 | 5.3 | 4.7 | 7.0 | 6.0 | 5.3 | 7.0 | 5.6 |
| KENBLUE | 6.0 | 6.3 | 4.0 | 3.7 | 5.0 | 4.7 | 6.0 | 7.7 | 6.0 | 4.7 | 4.3 | 6.3 | 7.3 | 4.0 | 7.0 | 5.0 | 6.0 | 6.0 | 6.3 | 5.7 | 5.0 | 6.0 | 4.7 | 3.3 | 6.0 | 5.5 |
| COMPACT | 5.0 | 6.0 | 4.7 | 1.3 | 4.3 | 5.0 | 6.7 | 7.7 | 4.7 | 4.7 | 4.0 | 6.3 | 7.7 | 5.3 | 6.7 | 7.0 | 5.7 | 4.0 | 3.7 | 5.0 | 5.7 | 6.7 | 4.7 | 4.3 | 5.7 | 5.3 |
| BAR VB 3115B | 5.7 | 6.0 | 3.0 | 2.3 | 5.3 | 5.0 | 7.0 | 6.3 | 4.7 | 6.0 | 4.0 | 6.0 | 7.3 | 5.3 | 6.7 | 5.7 | 5.7 | 4.3 | 3.3 | 4.0 | 3.0 | 6.0 | 4.3 | 5.0 | 6.0 | 5.1 |
| LSD VALUE | 0.8 | 1.1 | 1.2 | 2.1 | 0.8 | 0.8 | 1.8 | 0.8 | 1.7 | 1.2 | 1.0 | 1.2 | 1.4 | 0.8 | 0.6 | 0.7 | 0.8 | 2.3 | 1.1 | 1.3 | 1.0 | 0.7 | 1.5 | 1.0 | 0.9 | 0.2 |
| C.V. (%) | 8.5 | 10.3 | 14.6 | 22.5 | 8.0 | 7.8 | 15.9 | 6.7 | 15.2 | 10.7 | 11.5 | 9.6 | 12.4 | 7.6 | 5.2 | 6.0 | 7.1 | 27.5 | 12.2 | 13.6 | 9.4 | 5.7 | 15.2 | 10.3 | 6.8 | 11.6 |

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

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

TABLE 20. (CONT'D)

SPRING GREENUP RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT
1998 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN

| NAME | AB1 | IA1 | IN1 | KS1 | MA1 | MI1 | MN1 | MO1 | MO3 | NJ1 | OHL | OK1 | ON1 | PA1 | UB1 | VA1 | WA1 | MEAN |
|--------------------------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|-----|-----|------|------|
| IMPACT (J-1576) | 3.7 | 5.3 | 4.0 | 4.7 | 3.7 | 3.0 | 4.7 | 5.0 | 4.7 | 2.7 | 9.0 | 4.0 | 7.0 | 4.3 | 5.7 | 8.0 | 3.7 | 4.9 |
| QUANTUM LEAP (J-1567) | 4.3 | 5.0 | 4.3 | 5.0 | 5.0 | 3.0 | 4.3 | 5.0 | 4.7 | 3.0 | 8.0 | 4.3 | 6.7 | 3.3 | 6.3 | 6.7 | 4.0 | 4.9 |
| RUGBY II (MED-18) | 4.0 | 5.0 | 3.3 | 4.7 | 4.7 | 3.0 | 5.0 | 5.0 | 5.0 | 2.7 | 9.0 | 4.3 | 6.3 | 4.0 | 5.3 | 8.0 | 3.7 | 4.9 |
| GOLDRUSH (BA 87-102) | 4.7 | 5.3 | 4.3 | 5.3 | 5.0 | 3.3 | 4.7 | 4.7 | 4.7 | 3.0 | 8.0 | 4.3 | 7.3 | 3.0 | 6.3 | 6.3 | 2.7 | 4.9 |
| SRX 2205 | 3.3 | 5.3 | 5.0 | 4.7 | 4.3 | 3.0 | 5.0 | 5.7 | 4.7 | 3.0 | 8.3 | 4.7 | 4.7 | 4.3 | 6.3 | 7.0 | 3.0 | 4.8 |
| TOTAL ECLIPSE (TCR-1738) | 4.3 | 5.3 | 3.0 | 5.0 | 5.0 | 3.0 | 4.7 | 4.7 | 4.3 | 2.0 | 9.0 | 4.0 | 6.7 | 3.7 | 5.7 | 8.0 | 2.7 | 4.8 |
| LIBERATOR (ZPS-2572) | 4.0 | 5.0 | 3.3 | 4.7 | 4.0 | 2.7 | 4.3 | 5.0 | 4.3 | 2.7 | 9.0 | 4.0 | 7.0 | 4.0 | 5.7 | 8.0 | 2.7 | 4.7 |
| MIDNIGHT | 4.3 | 5.0 | 3.3 | 4.3 | 3.7 | 2.7 | 4.7 | 4.7 | 4.0 | 3.3 | 9.0 | 4.3 | 6.7 | 4.0 | 6.0 | 8.0 | 2.3 | 4.7 |
| AWARD | 4.0 | 5.3 | 3.0 | 5.0 | 5.0 | 2.7 | 4.0 | 4.7 | 4.7 | 2.3 | 9.0 | 4.0 | 6.3 | 3.3 | 6.0 | 8.0 | 2.7 | 4.7 |
| CONNI | 3.7 | 4.3 | 4.3 | 5.7 | 4.0 | 2.3 | 4.7 | 4.7 | 4.7 | 3.0 | 8.0 | 4.7 | 5.3 | 4.0 | 5.3 | 7.0 | 3.7 | 4.7 |
| BAR VB 6820 | 3.7 | 5.7 | 4.3 | 4.7 | 3.3 | 3.0 | 4.0 | 5.3 | 4.7 | 1.7 | 8.0 | 4.7 | 4.7 | 4.7 | 6.0 | 7.7 | 3.3 | 4.7 |
| ASCOT | 4.0 | 6.0 | 3.3 | 5.3 | 4.3 | 2.7 | 4.3 | 5.3 | 5.0 | 2.0 | 8.3 | 4.3 | 5.7 | 1.7 | 6.0 | 7.3 | 3.3 | 4.6 |
| NORTH STAR (PST-A7-60) | 3.7 | 5.0 | 3.7 | 4.7 | 3.7 | 2.7 | 4.0 | 4.3 | 4.0 | 3.0 | 8.3 | 5.0 | 4.3 | 2.3 | 7.0 | 8.0 | 3.0 | 4.5 |
| PEPAYA (DP 37-192) | 3.3 | 5.0 | 4.7 | 5.0 | 3.3 | 3.0 | 4.0 | 5.3 | 4.0 | 1.3 | 8.0 | 4.0 | 4.3 | 4.0 | 6.3 | 7.3 | 3.7 | 4.5 |
| LSD VALUE | 1.1 | 1.0 | 1.1 | 1.4 | 1.4 | 0.9 | 1.0 | 0.8 | 1.2 | 1.5 | 0.6 | 1.0 | 2.0 | 1.5 | 1.0 | 0.9 | 1.5 | 0.3 |
| C.V. (%) | 16.5 | 10.7 | 12.7 | 14.9 | 18.5 | 15.8 | 10.8 | 10.0 | 14.1 | 23.0 | 4.8 | 11.6 | 17.1 | 21.6 | 9.1 | 8.8 | 21.0 | 14.0 |

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

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

TABLE 21. (CONT'D)

LEAF TEXTURE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT
1998 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE

| NAME | AB1 | IA1 | IL1 | IL2 | IN1 | KY1 | ME1 | MI1 | MN1 | MO1 | MO3 | NC1 | NE1 | NE2 | NJ2 | OH1 | OK1 | ON1 | PA1 | QE1 | RI1 | UB1 | VA1 | WA1 | MEAN |
|---------------------|-----|------|------|------|-----|------|------|------|-----|-----|------|-----|-----|-----|------|------|-----|------|-----|------|-----|-----|------|-----|------|
| DRAGON (ZPS-429) | 6.3 | 6.3 | 3.7 | 5.3 | 4.0 | 6.3 | 5.0 | 7.0 | 6.0 | 4.7 | 5.0 | 7.3 | 6.0 | 6.7 | 4.3 | 4.3 | 7.7 | 3.7 | 4.7 | 6.0 | 6.3 | 6.0 | 6.0 | 5.0 | 5.6 |
| BA 77-702 | 6.3 | 5.7 | 4.3 | 4.0 | 5.3 | 6.0 | 4.3 | 7.3 | 5.7 | 5.0 | 4.3 | 7.7 | 6.0 | 7.0 | 2.7 | 4.0 | 7.3 | 5.7 | 5.7 | 5.7 | 6.0 | 6.0 | 5.7 | 5.7 | 5.6 |
| COVENTRY | 7.0 | 5.3 | 4.0 | 4.0 | 5.3 | 5.0 | 5.3 | 7.7 | 5.3 | 4.3 | 4.3 | 7.3 | 6.0 | 7.0 | 3.3 | 4.3 | 7.0 | 5.0 | 6.3 | 5.7 | 6.7 | 5.7 | 6.3 | 5.0 | 5.6 |
| RAVEN | 7.0 | 6.7 | 3.7 | 3.0 | 5.0 | 4.3 | 5.3 | 7.3 | 5.7 | 5.0 | 4.7 | 7.7 | 6.3 | 6.7 | 3.0 | 4.3 | 7.3 | 5.3 | 5.0 | 6.7 | 6.3 | 6.3 | 5.3 | 5.3 | 5.6 |
| BA 81-270 | 6.3 | 6.0 | 3.3 | 3.7 | 6.3 | 5.3 | 5.0 | 8.0 | 5.3 | 4.7 | 4.7 | 8.3 | 6.7 | 7.0 | 3.7 | 4.3 | 7.0 | 3.7 | 6.0 | 5.0 | 6.7 | 5.3 | 5.7 | 5.0 | 5.5 |
| ENVICIA (BA 75-173) | 7.0 | 6.3 | 3.7 | 3.0 | 4.7 | 4.0 | 4.7 | 7.7 | 5.7 | 5.0 | 4.7 | 7.7 | 7.0 | 7.0 | 2.0 | 4.0 | 7.3 | 6.3 | 5.0 | 6.0 | 7.0 | 5.7 | 6.0 | 5.7 | 5.5 |
| BA 73-373 | 7.0 | 6.3 | 3.7 | 3.7 | 5.0 | 4.7 | 5.0 | 6.7 | 5.7 | 5.0 | 4.7 | 7.3 | 7.3 | 7.0 | 2.0 | 4.0 | 7.0 | 4.3 | 5.3 | 6.3 | 6.3 | 6.3 | 5.7 | 6.0 | 5.5 |
| MARQUIS | 7.0 | 6.0 | 4.3 | 2.7 | 5.0 | 4.3 | 4.3 | 5.0 | 6.0 | 5.3 | 5.0 | 7.3 | 6.3 | 7.3 | 3.3 | 4.3 | 7.7 | 4.3 | 6.0 | 6.7 | 6.0 | 6.7 | 5.3 | 6.0 | 5.5 |
| ABBAY | 7.0 | 6.7 | 4.0 | 3.3 | 5.3 | 4.0 | 5.0 | 6.7 | 5.7 | 5.0 | 5.0 | 7.7 | 6.3 | 6.7 | 3.0 | 4.0 | 7.7 | 5.0 | 5.3 | 5.7 | 6.7 | 5.0 | 5.3 | 6.0 | 5.5 |
| BA 70-060 | 6.7 | 6.0 | 4.0 | 3.3 | 5.0 | 5.0 | 4.3 | 7.0 | 5.3 | 5.3 | 4.7 | 7.3 | 6.3 | 7.0 | 2.0 | 4.0 | 7.7 | 3.7 | 5.7 | 6.3 | 6.0 | 6.0 | 6.3 | 5.7 | 5.4 |
| SR 2100 | 6.7 | 5.3 | 4.0 | 4.7 | 4.7 | 4.0 | 4.3 | 7.3 | 5.7 | 5.0 | 4.7 | 7.3 | 6.0 | 7.3 | 2.7 | 5.0 | 7.0 | 4.3 | 5.7 | 5.7 | 6.0 | 5.3 | 6.0 | 5.0 | 5.4 |
| BA 81-113 | 7.0 | 6.7 | 3.7 | 1.7 | 4.3 | 5.7 | 4.7 | 6.7 | 5.3 | 5.0 | 5.0 | 7.7 | 5.7 | 6.7 | 3.0 | 4.0 | 7.0 | 4.3 | 4.7 | 6.0 | 5.7 | 5.7 | 5.3 | 6.0 | 5.3 |
| MISTY (BA 76-372) | 6.0 | 5.3 | 3.7 | 3.7 | 4.7 | 3.7 | 5.0 | 6.0 | 6.0 | 5.0 | 4.3 | 7.7 | 6.3 | 6.7 | 3.7 | 4.3 | 7.0 | 3.3 | 5.0 | 5.0 | 6.3 | 5.0 | 6.3 | 5.3 | 5.2 |
| SIDEKICK | 6.7 | 6.0 | 3.3 | 2.7 | 4.0 | 5.7 | 4.3 | 7.7 | 5.0 | 4.0 | 3.7 | 7.0 | 5.0 | 6.3 | 3.7 | 3.3 | 6.7 | 5.0 | 4.0 | 5.3 | 5.7 | 5.0 | 6.3 | 5.0 | 5.1 |
| LSD VALUE | 0.8 | 1.1 | 1.0 | 1.6 | 0.9 | 2.8 | 1.1 | 1.6 | 0.8 | 0.8 | 1.2 | 0.9 | 1.1 | 0.6 | 1.5 | 0.9 | 0.6 | 2.6 | 0.9 | 1.3 | 0.8 | 1.0 | 1.3 | 0.6 | 0.3 |
| C.V. (%) | 6.9 | 10.8 | 12.7 | 18.0 | 9.6 | 26.8 | 11.4 | 16.9 | 8.2 | 9.4 | 13.3 | 7.7 | 9.1 | 5.7 | 19.1 | 11.7 | 5.3 | 31.2 | 9.0 | 12.8 | 7.1 | 9.5 | 13.2 | 6.0 | 12.9 |

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

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

TABLE 22. WEAR TOLERANCE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1998 DATA

WEAR TOLERANCE RATINGS 1-9; 9=MAXIMUM TOLERANCE 2/

| NAME | IA2 | NAME | IA2 |
|----------------------|-----|--------------------------|-----|
| ZPS-309 | 8.3 | QUANTUM LEAP (J-1567) | 5.0 |
| PEPAYA (DP 37-192) | 7.7 | SODNET | 5.0 |
| BAR VB 5649 | 6.3 | VB 16015 | 5.0 |
| HV 242 | 6.3 | APOLLO (PST-B3-180) | 4.7 |
| PLATINI | 6.3 | ARCADIA (J-1936) | 4.7 |
| ABSOLUTE (MED-1497) | 6.0 | ASCOT | 4.7 |
| BAR VB 233 | 6.0 | ASP200 (HV 130) | 4.7 |
| DRAGON (ZPS-429) | 6.0 | BA 81-220 | 4.7 |
| SR 2100 | 6.0 | BARONIE | 4.7 |
| ZPS-2183 | 6.0 | BLACKSTONE (PST-638) | 4.7 |
| BA 75-163 | 5.7 | CALIBER | 4.7 |
| BARUZO | 5.7 | CONNI | 4.7 |
| H86-690 | 5.7 | FORTUNA | 4.7 |
| LIBERATOR (ZPS-2572) | 5.7 | GOLDRUSH (BA 87-102) | 4.7 |
| LIFOA | 5.7 | MARQUIS | 4.7 |
| SR 2000 | 5.7 | PICK 8 | 4.7 |
| SRX 2205 | 5.7 | SEABRING (BA 79-260) | 4.7 |
| BA 81-113 | 5.3 | BARON | 4.3 |
| BAR VB 6820 | 5.3 | BRILLIANT (PST-E2-42) | 4.3 |
| BARTITIA | 5.3 | MIDNIGHT | 4.3 |
| BLACKSBURG | 5.3 | MISTY (BA 76-372) | 4.3 |
| HAGA | 5.3 | NORTH STAR (PST-A7-60) | 4.3 |
| IMPACT (J-1576) | 5.3 | ODYSSEY (J-1561) | 4.3 |
| J-1555 | 5.3 | SHAMROCK | 4.3 |
| LIVINGSTON | 5.3 | SHOWCASE (PST-BO-141) | 4.3 |
| MED-1580 | 5.3 | SR 2109 | 4.3 |
| A88-744 | 5.0 | TOTAL ECLIPSE (TCR-1738) | 4.3 |
| ABBEY | 5.0 | WILDWOOD | 4.3 |
| BA 73-373 | 5.0 | ALLURE | 4.0 |
| BA 76-197 | 5.0 | AMERICA | 4.0 |
| BA 81-058 | 5.0 | BA 77-702 | 4.0 |
| CHALLENGER | 5.0 | CARDIFF | 4.0 |
| COMPACT | 5.0 | CHAMPAGNE (LTP-621) | 4.0 |
| ECLIPSE | 5.0 | CLASSIC | 4.0 |
| EXPLORER (PICK-3561) | 5.0 | GLADE | 4.0 |
| JEFFERSON | 5.0 | JEWEL (BA 81-227) | 4.0 |
| MOONLIGHT (PST-A418) | 5.0 | KENBLUE | 4.0 |
| NJ-54 | 5.0 | LTP-620 | 4.0 |
| NJ-GD | 5.0 | RAMBO (J-2579) | 4.0 |
| NUGLADE | 5.0 | RAVEN | 4.0 |
| NUSTAR | 5.0 | AWARD | 3.7 |
| PICK-855 | 5.0 | BA 70-060 | 3.7 |
| PST-BO-165 | 5.0 | BA 75-490 | 3.7 |
| PST-P46 | 5.0 | ENVICTA (BA 75-173) | 3.7 |

TABLE 22. WEAR TOLERANCE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1998 DATA

WEAR TOLERANCE RATINGS 1-9; 9=MAXIMUM TOLERANCE

| NAME | IA2 |
|----------------------|------|
| NIMBUS | 3.7 |
| NJ 1190 | 3.7 |
| RUGBY II (MED-18) | 3.7 |
| UNIQUE | 3.7 |
| BLUECHIP (MED-1991) | 3.3 |
| CHICAGO (J-2582) | 3.3 |
| LIMOUSINE | 3.3 |
| LKB-95 | 3.3 |
| PRINCETON 105 | 3.3 |
| SIDEKICK | 3.3 |
| BA 81-270 | 3.0 |
| BAR VB 3115B | 3.0 |
| CHATEAU | 2.7 |
| COVENTRY | 2.7 |
| SERENE (PST-A7-245A) | 2.3 |
| LSD VALUE | 1.8 |
| C.V. (%) | 23.7 |

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).

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

TABLE 23. SPRING DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1998 DATA

| NAME | DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/ | | | | | | | | |
|--------------------------|---|-----|-----|-----|-----|-----|-----|-----|------|
| | MO1 | MO3 | NC1 | NE1 | OK1 | ON1 | PA1 | QE1 | MEAN |
| ABSOLUTE (MED-1497) | 7.3 | 8.0 | 7.3 | 9.0 | 9.0 | 8.0 | 7.3 | 7.7 | 8.0 |
| NORTH STAR (PST-A7-60) | 7.3 | 7.3 | 6.7 | 8.7 | 9.0 | 7.3 | 9.0 | 7.7 | 7.9 |
| CHATEAU | 6.7 | 6.3 | 7.0 | 9.0 | 9.0 | 8.3 | 7.0 | 8.0 | 7.7 |
| SERENE (EST-A7-245A) | 7.3 | 7.3 | 5.7 | 9.0 | 9.0 | 8.3 | 7.0 | 7.7 | 7.7 |
| LIMOUSINE | 7.7 | 6.3 | 5.7 | 9.0 | 9.0 | 7.7 | 9.0 | 6.3 | 7.6 |
| RAMBO (J-2579) | 7.0 | 7.0 | 6.0 | 9.0 | 8.7 | 7.3 | 8.0 | 7.7 | 7.6 |
| ALLURE | 6.7 | 7.7 | 6.3 | 9.0 | 9.0 | 7.7 | 6.3 | 7.7 | 7.5 |
| PLATINI | 6.7 | 7.0 | 6.3 | 9.0 | 8.3 | 8.0 | 7.0 | 8.0 | 7.5 |
| TOTAL ECLIPSE (TCR-1738) | 6.7 | 7.7 | 6.3 | 9.0 | 9.0 | 7.3 | 6.3 | 7.7 | 7.5 |
| ODYSSEY (J-1561) | 6.7 | 8.0 | 7.3 | 8.3 | 9.0 | 7.7 | 6.0 | 7.0 | 7.5 |
| BA 81-270 | 6.7 | 6.7 | 6.3 | 9.0 | 9.0 | 7.7 | 6.3 | 8.0 | 7.5 |
| BAR VB 3115B | 7.0 | 7.0 | 5.7 | 9.0 | 9.0 | 7.3 | 7.0 | 7.7 | 7.5 |
| MOONLIGHT (PST-A418) | 6.0 | 8.0 | 7.0 | 8.3 | 8.3 | 8.3 | 6.0 | 7.7 | 7.5 |
| MIDNIGHT | 6.7 | 7.7 | 7.0 | 8.7 | 9.0 | 7.0 | 6.0 | 7.7 | 7.5 |
| LIBERATOR (ZPS-2572) | 6.3 | 7.7 | 7.3 | 9.0 | 9.0 | 6.0 | 6.3 | 7.7 | 7.4 |
| SR 2000 | 5.3 | 8.0 | 6.3 | 9.0 | 9.0 | 8.0 | 6.0 | 7.7 | 7.4 |
| BARONIE | 6.7 | 7.3 | 6.7 | 9.0 | 9.0 | 7.3 | 6.0 | 7.0 | 7.4 |
| COVENTRY | 6.7 | 8.0 | 5.7 | 9.0 | 9.0 | 7.3 | 6.3 | 7.0 | 7.4 |
| AWARD | 6.3 | 8.0 | 6.3 | 8.7 | 9.0 | 7.3 | 6.0 | 7.3 | 7.4 |
| BARTITIA | 7.0 | 6.0 | 5.7 | 9.0 | 9.0 | 7.7 | 7.0 | 7.7 | 7.4 |
| BLACKSTONE (PST-638) | 6.7 | 7.7 | 6.7 | 9.0 | 9.0 | 7.3 | 5.0 | 7.7 | 7.4 |
| EXPLORER (PICK-3561) | 6.7 | 7.0 | 6.7 | 9.0 | 9.0 | 7.0 | 6.0 | 7.7 | 7.4 |
| ASP200 (HV 130) | 6.3 | 7.0 | 6.0 | 9.0 | 9.0 | 7.7 | 6.3 | 7.7 | 7.4 |
| JEWEL (BA 81-227) | 6.3 | 5.7 | 6.7 | 9.0 | 9.0 | 8.0 | 6.3 | 7.7 | 7.3 |
| NJ-GD | 6.0 | 6.0 | 6.7 | 9.0 | 9.0 | 8.0 | 5.7 | 8.3 | 7.3 |
| ARCADIA (J-1936) | 6.0 | 7.7 | 7.0 | 8.3 | 9.0 | 7.3 | 5.7 | 7.7 | 7.3 |
| BRILLIANT (PST-B2-42) | 6.3 | 7.0 | 6.3 | 9.0 | 9.0 | 6.3 | 7.0 | 7.7 | 7.3 |
| CALIBER | 5.7 | 6.0 | 7.3 | 8.7 | 9.0 | 8.3 | 6.0 | 7.7 | 7.3 |
| BAR VB 5649 | 6.7 | 7.3 | 5.7 | 9.0 | 8.7 | 7.3 | 6.0 | 7.7 | 7.3 |
| NUSTAR | 6.3 | 7.0 | 6.7 | 8.7 | 9.0 | 7.0 | 6.3 | 7.3 | 7.3 |
| VB 16015 | 6.3 | 7.7 | 6.3 | 8.3 | 8.7 | 7.3 | 5.3 | 8.3 | 7.3 |
| WILDWOOD | 6.0 | 7.0 | 6.7 | 8.3 | 9.0 | 7.3 | 6.3 | 7.7 | 7.3 |
| BA 76-197 | 6.0 | 6.0 | 7.3 | 8.7 | 8.7 | 7.3 | 6.7 | 7.7 | 7.3 |
| NUGLADE | 6.3 | 8.0 | 6.3 | 8.3 | 9.0 | 6.7 | 6.0 | 7.7 | 7.3 |
| PST-BO-165 | 6.7 | 7.0 | 5.3 | 9.0 | 9.0 | 6.7 | 6.7 | 8.0 | 7.3 |
| RUGBY II (MED-18) | 6.7 | 7.7 | 6.0 | 9.0 | 9.0 | 6.7 | 5.7 | 7.7 | 7.3 |
| CARDIFF | 6.3 | 6.3 | 6.0 | 8.7 | 8.7 | 7.7 | 6.7 | 8.0 | 7.3 |
| PST-P46 | 5.7 | 7.0 | 5.7 | 8.3 | 9.0 | 7.7 | 6.3 | 8.3 | 7.3 |
| JEFFERSON | 6.0 | 7.3 | 6.7 | 8.7 | 9.0 | 7.3 | 5.7 | 7.3 | 7.3 |
| NJ 1190 | 7.0 | 5.7 | 6.0 | 9.0 | 8.3 | 6.0 | 7.7 | 8.3 | 7.3 |
| QUANTUM LEAP (J-1567) | 6.7 | 7.7 | 6.0 | 9.0 | 9.0 | 5.7 | 6.0 | 8.0 | 7.3 |
| CHICAGO (J-2582) | 6.3 | 7.0 | 6.3 | 8.7 | 9.0 | 7.0 | 5.7 | 8.0 | 7.3 |
| HAGA | 5.7 | 6.3 | 7.0 | 9.0 | 9.0 | 7.3 | 5.3 | 8.0 | 7.2 |
| IMPACT (J-1576) | 6.7 | 7.7 | 6.3 | 8.7 | 9.0 | 6.3 | 5.7 | 7.3 | 7.2 |

TABLE 23. SPRING DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D)
GROWN UNDER MEDIUM/HIGH INPUT
1998 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY

| NAME | MO1 | MO3 | NC1 | NE1 | OK1 | ON1 | PA1 | QE1 | MEAN |
|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|
| LKB-95 | 5.7 | 7.0 | 6.7 | 8.3 | 8.7 | 7.3 | 6.3 | 7.7 | 7.2 |
| BLACKSBURG | 7.0 | 6.7 | 5.0 | 8.7 | 9.0 | 6.7 | 6.7 | 8.0 | 7.2 |
| CONNI | 7.0 | 6.7 | 4.3 | 9.0 | 9.0 | 6.3 | 7.7 | 7.7 | 7.2 |
| ASCOT | 7.3 | 6.7 | 5.7 | 8.0 | 9.0 | 6.7 | 6.0 | 8.0 | 7.2 |
| UNIQUE | 6.0 | 7.3 | 6.7 | 8.7 | 8.3 | 5.3 | 6.7 | 8.3 | 7.2 |
| A88-744 | 5.3 | 6.7 | 7.0 | 8.7 | 8.7 | 7.3 | 5.7 | 8.0 | 7.2 |
| BAR VB 233 | 6.3 | 5.7 | 6.0 | 9.0 | 8.7 | 7.3 | 6.7 | 7.7 | 7.2 |
| APOLLO (EST-B3-180) | 6.3 | 6.7 | 5.7 | 8.3 | 8.7 | 6.3 | 7.0 | 8.0 | 7.1 |
| GLADE | 6.0 | 7.7 | 6.3 | 8.0 | 9.0 | 7.0 | 4.3 | 8.7 | 7.1 |
| LIVINGSTON | 5.7 | 7.0 | 5.7 | 9.0 | 9.0 | 7.7 | 5.0 | 8.0 | 7.1 |
| NIMBUS | 6.3 | 7.0 | 5.7 | 8.0 | 9.0 | 7.0 | 6.3 | 7.7 | 7.1 |
| FORTUNA | 6.7 | 7.7 | 6.3 | 7.7 | 8.3 | 6.7 | 6.0 | 7.3 | 7.1 |
| GOLDRUSH (BA 87-102) | 6.7 | 7.0 | 6.7 | 7.7 | 9.0 | 7.3 | 5.0 | 7.3 | 7.1 |
| J-1555 | 6.3 | 6.7 | 6.7 | 8.0 | 8.7 | 7.3 | 5.3 | 7.7 | 7.1 |
| RAVEN | 6.0 | 7.7 | 6.7 | 7.7 | 9.0 | 7.0 | 5.3 | 7.3 | 7.1 |
| BA 77-702 | 5.3 | 7.3 | 6.7 | 8.0 | 8.7 | 7.7 | 5.7 | 7.3 | 7.1 |
| CHAMPAGNE (LTP-621) | 5.7 | 6.7 | 6.0 | 9.0 | 9.0 | 7.7 | 5.7 | 7.0 | 7.1 |
| CLASSIC | 6.0 | 6.0 | 6.7 | 8.7 | 8.7 | 7.7 | 5.3 | 7.7 | 7.1 |
| LTP-620 | 6.3 | 6.3 | 5.7 | 8.0 | 9.0 | 7.7 | 6.0 | 7.7 | 7.1 |
| AMERICA | 5.0 | 6.7 | 5.7 | 8.7 | 9.0 | 7.0 | 6.0 | 8.3 | 7.0 |
| BA 70-060 | 6.0 | 7.0 | 6.7 | 7.3 | 9.0 | 7.0 | 6.0 | 7.3 | 7.0 |
| BA 73-373 | 5.3 | 6.7 | 6.7 | 7.7 | 9.0 | 7.7 | 6.0 | 7.3 | 7.0 |
| BARUZO | 6.3 | 6.7 | 5.7 | 7.7 | 8.7 | 7.7 | 6.3 | 7.3 | 7.0 |
| MARQUIS | 5.7 | 6.7 | 6.0 | 8.0 | 9.0 | 7.3 | 6.0 | 7.7 | 7.0 |
| MISTY (BA 76-372) | 5.7 | 5.7 | 7.0 | 9.0 | 9.0 | 6.7 | 6.0 | 7.3 | 7.0 |
| PRINCETON 105 | 6.3 | 6.3 | 6.3 | 8.3 | 9.0 | 5.0 | 7.0 | 8.0 | 7.0 |
| PICK 8 | 6.0 | 6.3 | 5.7 | 8.7 | 8.7 | 6.7 | 6.0 | 8.3 | 7.0 |
| SHAMROCK | 6.0 | 6.0 | 6.0 | 9.0 | 8.7 | 7.3 | 5.7 | 7.7 | 7.0 |
| ZPS-309 | 6.7 | 6.3 | 6.0 | 8.7 | 8.0 | 7.7 | 5.3 | 7.7 | 7.0 |
| ECLIPSE | 5.7 | 6.7 | 5.3 | 8.7 | 9.0 | 6.3 | 7.0 | 7.3 | 7.0 |
| SR 2100 | 6.7 | 7.0 | 5.7 | 8.0 | 8.7 | 7.0 | 5.7 | 7.3 | 7.0 |
| BLUECHIP (MED-1991) | 5.3 | 7.0 | 5.7 | 7.7 | 9.0 | 7.7 | 6.3 | 7.0 | 7.0 |
| SR 2109 | 6.3 | 6.0 | 6.7 | 8.3 | 8.3 | 5.0 | 7.0 | 8.0 | 7.0 |
| CHALLENGER | 6.0 | 6.7 | 6.3 | 9.0 | 8.7 | 7.0 | 4.7 | 7.3 | 7.0 |
| SODNET | 6.7 | 7.0 | 6.0 | 8.3 | 9.0 | 5.7 | 5.3 | 7.7 | 7.0 |
| ENVICTA (BA 75-173) | 5.7 | 6.7 | 6.0 | 7.3 | 9.0 | 7.3 | 5.7 | 7.7 | 6.9 |
| HV 242 | 6.0 | 5.0 | 6.0 | 9.0 | 9.0 | 7.7 | 5.0 | 7.7 | 6.9 |
| BA 81-220 | 5.7 | 6.3 | 5.7 | 7.7 | 8.3 | 7.7 | 6.0 | 7.7 | 6.9 |
| BARON | 5.3 | 6.0 | 6.3 | 8.0 | 9.0 | 7.0 | 5.7 | 7.7 | 6.9 |
| MED-1580 | 5.7 | 6.3 | 6.3 | 9.0 | 9.0 | 5.7 | 5.0 | 8.0 | 6.9 |
| ABBEY | 6.0 | 5.7 | 5.7 | 8.0 | 9.0 | 7.3 | 5.7 | 7.3 | 6.8 |
| PICK-855 | 5.7 | 5.3 | 7.3 | 9.0 | 8.7 | 5.0 | 6.3 | 7.3 | 6.8 |
| ZPS-2183 | 6.3 | 7.0 | 6.3 | 8.3 | 8.3 | 6.3 | 4.7 | 7.3 | 6.8 |
| SHOWCASE (PST-BO-141) | 5.7 | 6.3 | 5.3 | 8.3 | 8.3 | 6.7 | 6.3 | 7.7 | 6.8 |
| BA 75-490 | 5.7 | 5.7 | 6.0 | 8.7 | 8.3 | 8.0 | 4.0 | 8.0 | 6.8 |

TABLE 23.
(CONT'D)

SPRING DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT
1998 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY

| NAME | MO1 | MO3 | NC1 | NE1 | OK1 | ON1 | PA1 | QE1 | MEAN |
|----------------------|------|------|------|-----|-----|------|------|-----|------|
| BA 75-163 | 5.0 | 7.7 | 6.0 | 8.0 | 8.3 | 7.0 | 4.7 | 7.7 | 6.8 |
| BAR VB 6820 | 6.3 | 6.3 | 5.7 | 8.3 | 9.0 | 6.0 | 4.7 | 8.0 | 6.8 |
| LIPOA | 6.7 | 5.7 | 6.0 | 8.3 | 9.0 | 6.3 | 5.0 | 7.0 | 6.8 |
| NJ-54 | 6.7 | 6.0 | 5.0 | 8.3 | 9.0 | 7.0 | 4.7 | 7.3 | 6.8 |
| SIDEKICK | 4.3 | 7.0 | 6.3 | 8.0 | 8.7 | 7.7 | 4.7 | 7.3 | 6.8 |
| BA 81-058 | 6.0 | 6.3 | 6.3 | 8.3 | 8.3 | 6.7 | 4.0 | 7.7 | 6.7 |
| SEABRING (BA 79-260) | 6.0 | 6.3 | 5.0 | 8.3 | 8.7 | 7.0 | 4.7 | 7.7 | 6.7 |
| BA 81-113 | 5.7 | 6.3 | 6.3 | 7.0 | 8.7 | 7.3 | 4.7 | 7.3 | 6.7 |
| DRAGON (ZPS-429) | 5.0 | 6.0 | 6.0 | 8.0 | 9.0 | 7.0 | 5.0 | 7.3 | 6.7 |
| H86-690 | 6.0 | 6.0 | 6.7 | 8.3 | 7.0 | 7.0 | 5.3 | 7.0 | 6.7 |
| PEPAYA (DP 37-192) | 6.0 | 5.0 | 5.3 | 8.0 | 9.0 | 7.3 | 4.3 | 8.0 | 6.6 |
| COMPACT | 5.7 | 7.0 | 5.3 | 8.3 | 7.3 | 5.7 | 5.3 | 7.0 | 6.5 |
| SRX 2205 | 5.7 | 5.7 | 6.0 | 8.3 | 8.7 | 5.0 | 4.3 | 7.7 | 6.4 |
| KENBLUE | 4.7 | 6.7 | 5.7 | 7.7 | 8.0 | 4.0 | 3.7 | 7.0 | 5.9 |
| LSD VALUE | 1.3 | 1.2 | 2.2 | 0.7 | 0.7 | 1.6 | 1.2 | 1.0 | 0.5 |
| C.V. (%) | 13.0 | 10.9 | 21.7 | 5.3 | 5.1 | 14.3 | 13.1 | 7.8 | 11.5 |

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

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

TABLE 24.

SUMMER DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1998 DATA

| NAME | DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/ | | | | | | | | | | |
|--------------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | KS1 | MN1 | MO1 | MO3 | NE1 | NE2 | OK1 | ON1 | QE1 | UT1 | MEAN |
| NORTH STAR (PST-A7-60) | 7.0 | 8.0 | 8.0 | 5.0 | 9.0 | 7.0 | 9.0 | 9.0 | 9.0 | 7.3 | 7.8 |
| LIMOUSINE | 6.7 | 7.7 | 8.0 | 5.3 | 9.0 | 7.0 | 9.0 | 9.0 | 8.0 | 8.3 | 7.8 |
| ABSOLUTE (MED-1497) | 5.7 | 6.7 | 6.7 | 6.7 | 8.3 | 7.7 | 9.0 | 9.0 | 8.3 | 6.7 | 7.5 |
| AWARD | 6.7 | 6.7 | 6.7 | 6.3 | 8.7 | 7.0 | 9.0 | 9.0 | 8.7 | 6.0 | 7.5 |
| MIDNIGHT | 6.7 | 6.0 | 5.7 | 7.3 | 8.3 | 7.3 | 9.0 | 9.0 | 8.3 | 6.7 | 7.4 |
| TOTAL ECLIPSE (TCR-1738) | 6.0 | 6.7 | 7.0 | 6.7 | 8.3 | 7.0 | 9.0 | 9.0 | 8.0 | 6.7 | 7.4 |
| BARTITIA | 6.3 | 7.7 | 6.7 | 4.3 | 8.7 | 7.0 | 9.0 | 9.0 | 8.3 | 7.3 | 7.4 |
| BLACKSBURG | 6.7 | 6.7 | 7.0 | 5.0 | 8.7 | 7.3 | 9.0 | 9.0 | 8.7 | 6.3 | 7.4 |
| NJ 1190 | 7.0 | 7.3 | 6.3 | 4.3 | 8.7 | 7.3 | 9.0 | 9.0 | 9.0 | 6.3 | 7.4 |
| CONNI | 7.0 | 7.0 | 6.7 | 4.3 | 9.0 | 7.0 | 9.0 | 9.0 | 8.3 | 6.3 | 7.4 |
| NUGLADE | 5.7 | 5.7 | 5.7 | 7.0 | 9.0 | 7.7 | 9.0 | 9.0 | 8.7 | 6.3 | 7.4 |
| QUANTUM LEAP (J-1567) | 6.0 | 6.0 | 6.3 | 6.3 | 9.0 | 7.3 | 9.0 | 9.0 | 8.0 | 6.3 | 7.3 |
| RAMBO (J-2579) | 6.0 | 7.3 | 6.7 | 5.0 | 8.7 | 7.3 | 8.7 | 9.0 | 8.3 | 6.3 | 7.3 |
| RUGBY II (MED-18) | 6.0 | 6.3 | 6.3 | 6.3 | 8.3 | 7.7 | 9.0 | 9.0 | 7.7 | 6.3 | 7.3 |
| ARCADIA (J-1936) | 5.3 | 6.3 | 6.0 | 6.0 | 8.3 | 7.3 | 9.0 | 9.0 | 8.0 | 7.0 | 7.2 |
| ODYSSEY (J-1561) | 6.7 | 6.0 | 6.0 | 6.0 | 8.7 | 6.7 | 8.0 | 9.0 | 8.7 | 6.7 | 7.2 |
| IMPACT (J-1576) | 5.7 | 6.0 | 6.0 | 6.3 | 8.7 | 7.0 | 9.0 | 9.0 | 8.0 | 6.7 | 7.2 |
| APOLLO (PST-B3-180) | 6.7 | 6.3 | 6.0 | 4.7 | 8.0 | 7.3 | 9.0 | 9.0 | 8.0 | 6.7 | 7.2 |
| GLADE | 6.3 | 7.0 | 6.0 | 5.0 | 8.3 | 6.7 | 9.0 | 9.0 | 7.7 | 6.7 | 7.2 |
| LIBERATOR (ZPS-2572) | 6.3 | 7.0 | 5.3 | 5.3 | 9.0 | 7.0 | 9.0 | 9.0 | 8.0 | 5.7 | 7.2 |
| LKB-95 | 6.7 | 7.0 | 6.0 | 4.7 | 9.0 | 6.3 | 8.3 | 9.0 | 8.0 | 6.7 | 7.2 |
| WILDWOOD | 6.0 | 6.7 | 5.7 | 4.3 | 8.7 | 7.0 | 9.0 | 9.0 | 8.7 | 6.7 | 7.2 |
| BAR VB 3115B | 5.7 | 6.3 | 6.7 | 5.3 | 8.3 | 7.3 | 8.7 | 9.0 | 8.3 | 5.7 | 7.1 |
| PICK-855 | 5.0 | 7.3 | 5.7 | 4.3 | 9.0 | 7.3 | 9.0 | 9.0 | 8.3 | 6.3 | 7.1 |
| ASP200 (HV 130) | 6.3 | 6.3 | 6.0 | 4.3 | 8.7 | 7.0 | 9.0 | 9.0 | 8.7 | 5.7 | 7.1 |
| BLACKSTONE (PST-638) | 6.0 | 6.7 | 6.3 | 5.7 | 8.0 | 7.0 | 8.7 | 9.0 | 8.0 | 5.3 | 7.1 |
| PRINCETON 105 | 6.0 | 7.0 | 5.3 | 5.0 | 8.0 | 7.3 | 8.7 | 9.0 | 8.3 | 6.0 | 7.1 |
| CHAMPAGNE (LTP-621) | 6.0 | 6.0 | 5.7 | 6.0 | 7.7 | 7.3 | 9.0 | 9.0 | 8.0 | 5.7 | 7.0 |
| BRILLIANT (PST-B2-42) | 6.3 | 5.7 | 6.0 | 5.0 | 8.7 | 7.3 | 9.0 | 9.0 | 8.0 | 5.3 | 7.0 |
| CHICAGO (J-2582) | 5.7 | 5.7 | 6.0 | 5.0 | 8.0 | 7.7 | 9.0 | 8.7 | 8.0 | 6.7 | 7.0 |
| PLATINI | 5.0 | 6.0 | 5.7 | 5.7 | 9.0 | 7.0 | 8.7 | 9.0 | 8.0 | 6.3 | 7.0 |
| SHOWCASE (PST-BO-141) | 6.3 | 5.7 | 5.0 | 5.0 | 9.0 | 7.0 | 9.0 | 9.0 | 8.3 | 6.0 | 7.0 |
| UNIQUE | 6.0 | 6.3 | 5.7 | 4.3 | 9.0 | 7.0 | 8.7 | 9.0 | 8.0 | 6.3 | 7.0 |
| AMERICA | 6.3 | 6.3 | 5.7 | 4.7 | 8.3 | 6.7 | 9.0 | 9.0 | 8.3 | 5.7 | 7.0 |
| BAR VB 233 | 6.0 | 5.7 | 5.7 | 4.7 | 8.7 | 7.0 | 8.7 | 9.0 | 8.0 | 6.7 | 7.0 |
| PICK 8 | 5.7 | 6.3 | 5.3 | 5.0 | 8.0 | 7.3 | 9.0 | 9.0 | 8.3 | 6.0 | 7.0 |
| PST-P46 | 6.0 | 6.7 | 5.3 | 4.3 | 8.0 | 7.3 | 9.0 | 9.0 | 8.3 | 6.0 | 7.0 |
| ZPS-2183 | 6.0 | 6.0 | 5.7 | 5.0 | 7.3 | 7.0 | 9.0 | 9.0 | 8.0 | 6.7 | 7.0 |
| EXPLORER (PICK-3561) | 6.0 | 5.7 | 6.0 | 5.0 | 8.7 | 6.7 | 9.0 | 9.0 | 8.3 | 5.3 | 7.0 |
| ZPS-309 | 6.0 | 5.0 | 6.0 | 5.0 | 9.0 | 6.7 | 8.7 | 9.0 | 8.7 | 5.7 | 7.0 |
| BA 81-270 | 6.3 | 5.7 | 5.7 | 5.0 | 8.0 | 7.0 | 9.0 | 9.0 | 8.7 | 5.0 | 6.9 |
| MARQUIS | 6.3 | 6.0 | 5.7 | 4.7 | 8.3 | 6.7 | 9.0 | 9.0 | 8.0 | 5.7 | 6.9 |
| NIMBUS | 5.7 | 6.7 | 5.7 | 4.0 | 8.0 | 7.7 | 9.0 | 9.0 | 8.0 | 5.7 | 6.9 |
| NJ-54 | 6.0 | 5.7 | 6.3 | 4.7 | 8.3 | 6.7 | 9.0 | 9.0 | 7.7 | 6.0 | 6.9 |

TABLE 24.
(CONT'D)

SUMMER DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT
1998 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY

| NAME | KS1 | MN1 | MO1 | MO3 | NE1 | NE2 | OK1 | ON1 | QE1 | UT1 | MEAN |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| SR 2109 | 5.7 | 7.0 | 5.3 | 4.0 | 8.3 | 6.7 | 9.0 | 9.0 | 8.7 | 5.7 | 6.9 |
| ALLURE | 6.3 | 5.0 | 5.7 | 5.7 | 7.7 | 7.0 | 9.0 | 9.0 | 8.3 | 5.3 | 6.9 |
| BAR VB 5649 | 5.7 | 5.3 | 6.0 | 5.7 | 8.7 | 6.3 | 9.0 | 9.0 | 8.0 | 5.3 | 6.9 |
| BAR VB 6820 | 5.7 | 6.7 | 5.7 | 4.3 | 8.3 | 6.0 | 8.0 | 9.0 | 9.0 | 6.3 | 6.9 |
| FORTUNA | 5.7 | 5.7 | 5.7 | 5.7 | 8.0 | 7.0 | 9.0 | 9.0 | 8.0 | 5.3 | 6.9 |
| HV 242 | 6.3 | 5.7 | 5.3 | 4.3 | 8.3 | 7.0 | 8.7 | 9.0 | 8.3 | 6.0 | 6.9 |
| LIPOA | 6.0 | 6.0 | 7.0 | 4.0 | 8.7 | 6.0 | 8.3 | 9.0 | 8.3 | 5.7 | 6.9 |
| PST-BO-165 | 5.7 | 5.3 | 6.0 | 5.3 | 8.0 | 7.0 | 9.0 | 9.0 | 8.7 | 5.0 | 6.9 |
| GOLDRUSH (BA 87-102) | 6.0 | 5.3 | 5.7 | 5.0 | 8.0 | 7.0 | 9.0 | 9.0 | 8.0 | 5.7 | 6.9 |
| J-1555 | 4.7 | 5.7 | 6.0 | 5.0 | 8.7 | 6.7 | 9.0 | 9.0 | 8.0 | 6.0 | 6.9 |
| SERENE (PST-A7-245A) | 5.7 | 5.3 | 5.7 | 5.3 | 8.3 | 7.0 | 8.7 | 9.0 | 7.7 | 6.0 | 6.9 |
| ASCOT | 5.3 | 6.0 | 6.0 | 5.0 | 8.3 | 6.3 | 9.0 | 9.0 | 8.3 | 5.0 | 6.8 |
| BA 73-373 | 6.3 | 5.3 | 5.3 | 4.7 | 8.0 | 7.0 | 9.0 | 9.0 | 8.0 | 5.7 | 6.8 |
| MED-1580 | 5.3 | 5.7 | 5.3 | 4.7 | 8.3 | 7.0 | 8.3 | 9.0 | 8.0 | 6.7 | 6.8 |
| BA 75-490 | 6.0 | 6.0 | 5.3 | 4.7 | 8.7 | 6.0 | 8.3 | 9.0 | 8.0 | 6.3 | 6.8 |
| CHATEAU | 6.3 | 4.7 | 5.7 | 5.3 | 7.7 | 7.3 | 8.7 | 9.0 | 8.3 | 5.3 | 6.8 |
| SHAMROCK | 5.3 | 5.7 | 5.0 | 4.3 | 8.7 | 6.7 | 9.0 | 9.0 | 8.3 | 6.3 | 6.8 |
| BA 81-058 | 6.0 | 5.7 | 5.7 | 4.7 | 7.7 | 6.7 | 9.0 | 9.0 | 8.3 | 5.3 | 6.8 |
| COVENTRY | 6.3 | 5.7 | 5.3 | 4.3 | 8.0 | 7.0 | 9.0 | 9.0 | 8.0 | 5.3 | 6.8 |
| MISTY (BA 76-372) | 5.0 | 6.7 | 5.7 | 4.3 | 7.3 | 7.3 | 9.0 | 9.0 | 8.0 | 5.7 | 6.8 |
| NUSTAR | 5.7 | 6.0 | 5.3 | 4.7 | 8.3 | 6.7 | 9.0 | 9.0 | 8.0 | 5.3 | 6.8 |
| SR 2100 | 5.3 | 6.0 | 4.7 | 5.7 | 8.0 | 8.0 | 8.3 | 9.0 | 7.7 | 5.3 | 6.8 |
| BA 70-060 | 5.3 | 5.7 | 5.7 | 4.7 | 8.0 | 7.0 | 9.0 | 9.0 | 8.0 | 5.3 | 6.8 |
| CHALLENGER | 5.3 | 5.7 | 5.7 | 5.0 | 8.0 | 6.3 | 9.0 | 9.0 | 8.0 | 5.7 | 6.8 |
| ENVICTA (BA 75-173) | 5.7 | 5.3 | 5.3 | 4.7 | 8.0 | 7.3 | 9.0 | 9.0 | 8.3 | 5.0 | 6.8 |
| JEFFERSON | 6.0 | 5.7 | 5.0 | 5.3 | 7.7 | 6.7 | 9.0 | 9.0 | 7.7 | 5.7 | 6.8 |
| MOONLIGHT (PST-A418) | 5.3 | 5.3 | 5.7 | 5.0 | 7.3 | 7.3 | 8.3 | 9.0 | 8.7 | 5.7 | 6.8 |
| SEABRING (BA 79-260) | 5.7 | 6.7 | 6.0 | 4.7 | 8.0 | 6.3 | 8.7 | 9.0 | 8.0 | 4.7 | 6.8 |
| BA 76-197 | 5.3 | 6.7 | 6.0 | 3.7 | 8.0 | 6.0 | 8.7 | 9.0 | 8.0 | 6.0 | 6.7 |
| BA 81-220 | 5.7 | 5.7 | 5.3 | 4.7 | 7.7 | 6.7 | 9.0 | 9.0 | 8.0 | 5.7 | 6.7 |
| BA 77-702 | 5.7 | 5.3 | 5.0 | 5.0 | 7.7 | 7.3 | 8.7 | 9.0 | 8.3 | 5.3 | 6.7 |
| ABBAY | 5.7 | 5.0 | 5.3 | 4.3 | 8.0 | 7.3 | 8.7 | 9.0 | 8.0 | 5.7 | 6.7 |
| BARON | 5.3 | 6.0 | 5.3 | 4.0 | 8.0 | 7.3 | 9.0 | 9.0 | 8.0 | 5.0 | 6.7 |
| CALIBER | 5.7 | 4.7 | 5.7 | 4.7 | 8.0 | 6.3 | 9.0 | 9.0 | 7.7 | 6.3 | 6.7 |
| BLUECHIP (MED-1991) | 4.7 | 5.3 | 5.7 | 5.3 | 8.0 | 7.0 | 9.0 | 9.0 | 8.0 | 4.7 | 6.7 |
| PEPAYA (DP 37-192) | 5.0 | 6.3 | 5.7 | 4.0 | 9.0 | 5.3 | 8.0 | 9.0 | 8.3 | 5.7 | 6.6 |
| CARDIFF | 6.0 | 5.0 | 5.0 | 4.3 | 8.7 | 6.7 | 8.3 | 9.0 | 8.0 | 5.3 | 6.6 |
| COMPACT | 5.0 | 5.7 | 6.0 | 4.3 | 8.0 | 6.3 | 8.7 | 9.0 | 7.7 | 5.7 | 6.6 |
| JEWEL (BA 81-227) | 5.7 | 5.3 | 5.0 | 5.0 | 7.3 | 7.0 | 8.7 | 9.0 | 8.0 | 5.3 | 6.6 |
| NJ-GD | 5.0 | 5.3 | 5.3 | 4.7 | 8.3 | 6.7 | 8.7 | 9.0 | 7.7 | 5.7 | 6.6 |
| RAVEN | 5.3 | 5.7 | 6.0 | 5.3 | 7.3 | 6.7 | 9.0 | 9.0 | 7.7 | 4.3 | 6.6 |
| SODNET | 4.3 | 6.3 | 5.7 | 4.3 | 8.7 | 6.0 | 9.0 | 9.0 | 7.7 | 5.3 | 6.6 |
| BARONIE | 6.0 | 5.3 | 6.0 | 4.3 | 7.7 | 6.0 | 9.0 | 9.0 | 7.7 | 5.0 | 6.6 |
| LTP-620 | 5.0 | 5.7 | 5.0 | 5.0 | 7.7 | 6.0 | 9.0 | 9.0 | 7.7 | 6.0 | 6.6 |
| SR 2000 | 6.3 | 5.3 | 4.7 | 6.0 | 7.0 | 5.7 | 9.0 | 9.0 | 7.3 | 5.7 | 6.6 |

TABLE 24.
(CONT'D)

SUMMER DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT
1998 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY

| NAME | KS1 | MN1 | MO1 | MO3 | NE1 | NE2 | OK1 | ON1 | QE1 | UT1 | MEAN |
|------------------|------|------|------|------|-----|------|-----|-----|-----|------|------|
| HAGA | 5.7 | 6.0 | 5.3 | 4.3 | 7.3 | 6.3 | 8.7 | 9.0 | 8.0 | 5.0 | 6.6 |
| BA 81-113 | 5.3 | 5.0 | 5.7 | 4.0 | 7.3 | 7.0 | 9.0 | 9.0 | 7.7 | 5.3 | 6.5 |
| LIVINGSTON | 5.3 | 5.0 | 5.7 | 4.3 | 8.0 | 6.7 | 8.3 | 9.0 | 7.7 | 5.3 | 6.5 |
| BARUZO | 5.3 | 5.3 | 5.3 | 4.0 | 7.7 | 7.0 | 8.7 | 9.0 | 7.7 | 5.0 | 6.5 |
| SRX 2205 | 6.0 | 5.7 | 5.0 | 3.7 | 7.7 | 6.0 | 8.7 | 9.0 | 7.7 | 5.7 | 6.5 |
| H86-690 | 5.0 | 5.0 | 4.7 | 3.7 | 8.3 | 7.3 | 8.3 | 9.0 | 7.3 | 6.0 | 6.5 |
| DRAGON (ZPS-429) | 5.0 | 5.3 | 4.7 | 4.7 | 7.7 | 6.3 | 9.0 | 9.0 | 7.7 | 5.3 | 6.5 |
| ECLIPSE | 5.3 | 5.0 | 5.3 | 4.7 | 7.7 | 6.3 | 8.3 | 9.0 | 8.0 | 5.0 | 6.5 |
| BA 75-163 | 5.3 | 5.0 | 4.3 | 4.3 | 7.7 | 6.7 | 8.7 | 9.0 | 8.0 | 5.7 | 6.5 |
| A88-744 | 6.0 | 5.7 | 4.3 | 4.3 | 7.3 | 6.0 | 8.3 | 9.0 | 8.0 | 5.3 | 6.4 |
| CLASSIC | 5.7 | 5.3 | 5.3 | 4.0 | 7.3 | 6.0 | 8.7 | 9.0 | 7.7 | 5.0 | 6.4 |
| VB 16015 | 5.0 | 4.3 | 4.7 | 5.3 | 7.7 | 6.3 | 8.7 | 9.0 | 7.3 | 5.3 | 6.4 |
| SIDEKICK | 5.3 | 5.3 | 4.0 | 4.7 | 7.3 | 6.0 | 9.0 | 9.0 | 8.0 | 5.0 | 6.4 |
| KENBLUE | 4.3 | 5.7 | 4.7 | 4.3 | 7.7 | 6.3 | 8.3 | 9.0 | 7.7 | 4.7 | 6.3 |
| LSD VALUE | 1.3 | 1.2 | 1.1 | 1.3 | 0.9 | 1.2 | 0.8 | 0.1 | 0.9 | 1.2 | 0.3 |
| C.V. (%) | 13.8 | 12.4 | 11.5 | 17.0 | 6.6 | 11.0 | 5.4 | 0.6 | 6.6 | 12.6 | 9.4 |

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

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

TABLE 25.

FALL DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1998 DATA

| NAME | DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/ | | | | | | | | | | |
|------------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | IL1 | MN1 | MO3 | NC1 | NE1 | NE2 | OK1 | ON1 | PA1 | QE1 | MEAN |
| LIMOUSINE | 6.7 | 8.0 | 5.7 | 6.0 | 8.0 | 7.3 | 8.0 | 9.0 | 8.3 | 8.7 | 7.6 |
| WILDWOOD | 6.0 | 8.0 | 7.7 | 6.7 | 8.3 | 7.0 | 7.7 | 9.0 | 7.0 | 8.3 | 7.6 |
| LIBERATOR (ZPS-2572) | 5.3 | 7.0 | 7.7 | 6.3 | 9.0 | 7.0 | 8.7 | 9.0 | 7.0 | 8.3 | 7.5 |
| RAMBO (J-2579) | 5.7 | 8.0 | 7.0 | 5.3 | 8.7 | 6.7 | 8.7 | 9.0 | 8.0 | 8.3 | 7.5 |
| NJ 1190 | 5.0 | 7.3 | 6.3 | 6.0 | 9.0 | 8.0 | 7.7 | 9.0 | 8.7 | 8.0 | 7.5 |
| SHOWCASE (PST-BO-141) | 6.0 | 7.0 | 6.7 | 6.3 | 9.0 | 7.3 | 8.3 | 9.0 | 7.0 | 8.3 | 7.5 |
| UNIQUE | 5.0 | 6.0 | 7.3 | 6.3 | 9.0 | 7.7 | 9.0 | 9.0 | 8.0 | 7.7 | 7.5 |
| BRILLIANT (PST-E2-42) | 5.7 | 6.3 | 7.7 | 5.7 | 8.7 | 8.3 | 7.7 | 9.0 | 7.7 | 8.0 | 7.5 |
| NUGLADE | 6.0 | 6.7 | 8.0 | 6.0 | 8.7 | 7.0 | 9.0 | 9.0 | 6.3 | 8.0 | 7.5 |
| BLACKSBURG | 3.7 | 7.7 | 7.3 | 6.0 | 9.0 | 7.0 | 8.0 | 9.0 | 8.0 | 8.7 | 7.4 |
| NORTH STAR (PST-A7-60) | 7.3 | 7.7 | 7.0 | 4.7 | 7.3 | 7.0 | 8.0 | 9.0 | 8.3 | 8.0 | 7.4 |
| BLACKSTONE (PST-638) | 6.0 | 6.3 | 7.7 | 6.7 | 8.7 | 7.0 | 7.7 | 9.0 | 6.7 | 8.3 | 7.4 |
| IMPACT (J-1576) | 5.7 | 6.0 | 7.7 | 5.7 | 9.0 | 7.0 | 9.0 | 9.0 | 7.0 | 8.0 | 7.4 |
| MIDNIGHT | 5.0 | 7.3 | 8.3 | 5.7 | 8.0 | 6.7 | 9.0 | 9.0 | 6.3 | 8.7 | 7.4 |
| AWARD | 4.7 | 7.0 | 8.3 | 5.7 | 9.0 | 6.7 | 8.3 | 9.0 | 6.7 | 8.3 | 7.4 |
| ABSOLUTE (MED-1497) | 6.3 | 6.3 | 7.7 | 4.3 | 9.0 | 7.0 | 8.3 | 9.0 | 6.7 | 8.7 | 7.3 |
| PICK 8 | 4.7 | 6.7 | 7.7 | 4.7 | 8.7 | 8.0 | 9.0 | 9.0 | 6.7 | 8.3 | 7.3 |
| SHAMROCK | 5.0 | 7.3 | 7.0 | 6.0 | 9.0 | 7.0 | 7.7 | 9.0 | 7.0 | 8.3 | 7.3 |
| AMERICA | 4.3 | 7.0 | 7.3 | 5.3 | 9.0 | 7.3 | 7.7 | 9.0 | 7.7 | 8.3 | 7.3 |
| RUGBY II (MED-18) | 5.7 | 7.0 | 7.0 | 4.7 | 9.0 | 7.3 | 8.3 | 9.0 | 6.7 | 8.0 | 7.3 |
| ODYSSEY (J-1561) | 4.7 | 6.3 | 8.0 | 5.0 | 8.7 | 7.3 | 9.0 | 9.0 | 6.3 | 8.3 | 7.3 |
| ARCADIA (J-1936) | 4.3 | 6.0 | 7.3 | 5.7 | 9.0 | 7.0 | 8.7 | 9.0 | 6.7 | 8.7 | 7.2 |
| PICK-855 | 4.0 | 8.0 | 6.3 | 6.0 | 8.7 | 7.0 | 7.7 | 9.0 | 7.3 | 8.3 | 7.2 |
| BARONIE | 4.3 | 6.7 | 7.3 | 6.0 | 9.0 | 7.0 | 8.3 | 9.0 | 6.0 | 8.3 | 7.2 |
| PRINCETON 105 | 5.3 | 7.0 | 7.0 | 5.3 | 8.7 | 7.3 | 7.3 | 9.0 | 6.7 | 8.3 | 7.2 |
| SR 2109 | 5.3 | 7.0 | 6.3 | 4.3 | 9.0 | 7.0 | 7.0 | 9.0 | 8.3 | 8.3 | 7.2 |
| NJ-GD | 3.3 | 7.0 | 6.7 | 6.0 | 8.7 | 7.0 | 8.3 | 9.0 | 7.7 | 8.0 | 7.2 |
| CHAMPAGNE (LTP-621) | 4.3 | 7.0 | 7.3 | 4.3 | 8.7 | 7.3 | 8.3 | 9.0 | 7.0 | 8.0 | 7.1 |
| JEFFERSON | 5.3 | 6.3 | 7.7 | 5.0 | 9.0 | 6.3 | 7.3 | 9.0 | 7.0 | 8.3 | 7.1 |
| APOLLO (PST-B3-180) | 3.3 | 7.3 | 6.3 | 5.3 | 8.7 | 7.0 | 8.7 | 9.0 | 7.3 | 8.0 | 7.1 |
| CONNI | 4.7 | 7.7 | 7.0 | 4.3 | 7.7 | 6.7 | 7.3 | 9.0 | 8.7 | 8.0 | 7.1 |
| ECLIPSE | 5.0 | 6.7 | 7.0 | 5.3 | 8.7 | 6.3 | 7.7 | 9.0 | 6.7 | 8.7 | 7.1 |
| EXPLORER (PICK-3561) | 5.7 | 7.0 | 5.7 | 5.7 | 8.3 | 6.7 | 8.3 | 9.0 | 6.7 | 8.0 | 7.1 |
| GLADE | 5.3 | 6.7 | 7.3 | 5.3 | 8.0 | 7.0 | 7.3 | 9.0 | 7.0 | 8.0 | 7.1 |
| SERENE (PST-A7-245A) | 5.3 | 6.7 | 7.0 | 6.3 | 8.0 | 6.7 | 7.7 | 9.0 | 6.3 | 8.0 | 7.1 |
| ASCOT | 4.0 | 7.7 | 7.7 | 4.0 | 9.0 | 6.0 | 8.3 | 9.0 | 7.0 | 8.0 | 7.1 |
| MED-1580 | 4.0 | 7.3 | 6.3 | 5.7 | 8.3 | 7.0 | 7.3 | 9.0 | 7.0 | 8.7 | 7.1 |
| BAR VB 3115B | 4.3 | 6.3 | 6.7 | 6.0 | 9.0 | 7.3 | 7.0 | 9.0 | 7.0 | 8.0 | 7.1 |
| CHATEAU | 4.7 | 6.3 | 7.0 | 5.3 | 9.0 | 7.3 | 7.7 | 9.0 | 6.0 | 8.3 | 7.1 |
| MISTY (BA 76-372) | 5.3 | 6.7 | 6.0 | 4.7 | 8.7 | 6.7 | 8.7 | 9.0 | 7.0 | 8.0 | 7.1 |
| JEWEL (BA 81-227) | 4.0 | 6.7 | 6.7 | 5.3 | 9.0 | 7.0 | 8.7 | 9.0 | 6.0 | 8.0 | 7.0 |
| QUANTUM LEAP (J-1567) | 4.7 | 6.7 | 7.0 | 4.3 | 8.7 | 7.3 | 8.0 | 9.0 | 6.7 | 8.0 | 7.0 |
| ALLURE | 5.3 | 5.7 | 7.7 | 5.7 | 8.3 | 6.7 | 7.3 | 9.0 | 6.0 | 8.3 | 7.0 |
| BA 81-270 | 5.3 | 6.0 | 7.0 | 5.3 | 9.0 | 7.0 | 7.3 | 9.0 | 6.0 | 8.0 | 7.0 |

TABLE 25.
(CONT'D)

FALL DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT
1998 DATA

| NAME | DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY | | | | | | | | | | |
|--------------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | IL1 | MN1 | MO3 | NC1 | NE1 | NE2 | OK1 | ON1 | PA1 | QE1 | MEAN |
| CHICAGO (J-2582) | 4.7 | 7.0 | 6.0 | 4.7 | 8.7 | 6.3 | 9.0 | 9.0 | 7.0 | 7.7 | 7.0 |
| LKB-95 | 4.7 | 6.7 | 6.3 | 6.7 | 8.0 | 6.3 | 7.0 | 9.0 | 7.0 | 8.3 | 7.0 |
| NJ-54 | 4.7 | 6.7 | 6.3 | 5.0 | 9.0 | 7.0 | 8.0 | 9.0 | 6.3 | 8.0 | 7.0 |
| NUSTAR | 4.7 | 6.3 | 6.3 | 4.7 | 8.7 | 7.3 | 8.0 | 9.0 | 7.0 | 8.0 | 7.0 |
| ZPS-2183 | 4.0 | 7.0 | 7.0 | 5.3 | 8.7 | 6.7 | 7.7 | 9.0 | 6.7 | 8.0 | 7.0 |
| PST-P46 | 4.7 | 7.0 | 6.7 | 4.7 | 8.3 | 6.3 | 7.7 | 9.0 | 7.3 | 8.0 | 7.0 |
| A88-744 | 4.0 | 5.7 | 7.0 | 6.0 | 8.7 | 6.7 | 8.3 | 9.0 | 5.7 | 8.3 | 6.9 |
| LTP-620 | 5.3 | 6.7 | 6.3 | 5.3 | 8.7 | 6.7 | 7.7 | 9.0 | 5.7 | 8.0 | 6.9 |
| ASP200 (HV 130) | 4.3 | 6.7 | 7.0 | 4.3 | 8.7 | 7.0 | 7.3 | 9.0 | 6.3 | 8.3 | 6.9 |
| BA 81-058 | 4.0 | 6.3 | 7.0 | 5.7 | 8.3 | 7.0 | 8.0 | 9.0 | 5.3 | 8.3 | 6.9 |
| ENVICTA (BA 75-173) | 4.3 | 5.3 | 7.3 | 5.7 | 8.7 | 7.0 | 7.7 | 9.0 | 5.7 | 8.3 | 6.9 |
| FORTUNA | 4.0 | 5.7 | 7.3 | 5.3 | 8.0 | 7.0 | 8.3 | 9.0 | 6.0 | 8.3 | 6.9 |
| HAGA | 4.3 | 6.3 | 6.3 | 6.0 | 8.7 | 6.3 | 7.7 | 9.0 | 6.3 | 8.0 | 6.9 |
| J-1555 | 4.7 | 6.3 | 7.0 | 4.7 | 8.0 | 7.0 | 8.7 | 9.0 | 5.0 | 8.3 | 6.9 |
| SR 2000 | 4.7 | 6.3 | 7.7 | 4.3 | 9.0 | 5.3 | 8.3 | 9.0 | 6.0 | 8.0 | 6.9 |
| BAR VB 5649 | 4.0 | 6.3 | 7.3 | 5.3 | 9.0 | 7.0 | 7.0 | 9.0 | 5.3 | 8.0 | 6.8 |
| DRAGON (ZPS-429) | 4.7 | 6.3 | 6.0 | 6.0 | 8.3 | 5.3 | 9.0 | 9.0 | 5.7 | 8.0 | 6.8 |
| BA 75-490 | 3.3 | 6.3 | 6.3 | 5.0 | 9.0 | 6.7 | 8.7 | 8.7 | 6.3 | 8.0 | 6.8 |
| BARTITIA | 3.7 | 8.0 | 5.7 | 5.3 | 7.3 | 7.0 | 7.7 | 9.0 | 6.3 | 8.3 | 6.8 |
| CHALLENGER | 4.3 | 6.0 | 6.3 | 5.3 | 9.0 | 6.3 | 8.0 | 9.0 | 6.0 | 8.0 | 6.8 |
| GOLDRUSH (BA 87-102) | 3.7 | 5.7 | 7.0 | 6.0 | 8.7 | 7.0 | 7.3 | 9.0 | 5.7 | 8.3 | 6.8 |
| MOONLIGHT (PST-A418) | 4.0 | 5.3 | 7.3 | 5.3 | 9.0 | 6.7 | 7.3 | 9.0 | 6.0 | 8.3 | 6.8 |
| PLATINI | 4.0 | 6.3 | 7.0 | 5.3 | 9.0 | 7.0 | 7.0 | 9.0 | 5.3 | 8.3 | 6.8 |
| SEABRING (BA 79-260) | 5.0 | 6.7 | 6.7 | 4.0 | 8.3 | 6.3 | 7.3 | 9.0 | 6.3 | 8.3 | 6.8 |
| BA 73-373 | 4.7 | 5.7 | 6.7 | 5.7 | 8.3 | 7.3 | 7.3 | 9.0 | 5.3 | 8.0 | 6.8 |
| BARON | 3.7 | 6.7 | 7.0 | 5.3 | 8.3 | 6.7 | 8.0 | 9.0 | 5.3 | 8.0 | 6.8 |
| COVENTRY | 3.3 | 6.3 | 7.7 | 5.0 | 7.7 | 7.0 | 8.0 | 9.0 | 6.0 | 8.0 | 6.8 |
| H86-690 | 4.3 | 6.0 | 5.3 | 6.0 | 9.0 | 7.3 | 6.0 | 9.0 | 6.7 | 8.3 | 6.8 |
| LIVINGSTON | 4.7 | 5.7 | 6.3 | 5.0 | 8.7 | 7.0 | 7.3 | 9.0 | 6.3 | 8.0 | 6.8 |
| PST-BO-165 | 4.3 | 6.3 | 6.7 | 5.3 | 8.7 | 6.7 | 7.3 | 9.0 | 5.7 | 8.0 | 6.8 |
| RAVEN | 5.0 | 6.3 | 7.3 | 4.3 | 7.7 | 7.0 | 7.7 | 9.0 | 5.3 | 8.3 | 6.8 |
| SR 2100 | 5.3 | 6.0 | 6.3 | 5.0 | 8.0 | 7.0 | 7.3 | 9.0 | 6.0 | 8.0 | 6.8 |
| TOTAL ECLIPSE (TCR-1738) | 4.7 | 6.3 | 7.7 | 5.0 | 9.0 | 4.7 | 7.7 | 9.0 | 6.0 | 8.0 | 6.8 |
| ABBAY | 4.7 | 6.3 | 6.0 | 5.0 | 8.3 | 7.0 | 7.3 | 9.0 | 5.7 | 8.0 | 6.7 |
| CLASSIC | 3.7 | 6.0 | 6.7 | 5.7 | 8.3 | 6.0 | 8.0 | 9.0 | 6.0 | 8.0 | 6.7 |
| COMPACT | 3.3 | 6.3 | 6.0 | 5.7 | 8.7 | 6.7 | 7.0 | 9.0 | 6.3 | 8.3 | 6.7 |
| BLUECHIP (MED-1991) | 5.3 | 6.3 | 6.3 | 4.3 | 8.3 | 7.0 | 7.7 | 9.0 | 4.7 | 8.0 | 6.7 |
| BA 75-163 | 2.7 | 5.3 | 7.3 | 5.0 | 9.0 | 6.3 | 8.0 | 9.0 | 5.7 | 8.0 | 6.6 |
| BAR VB 233 | 4.0 | 6.7 | 6.3 | 3.7 | 8.7 | 7.0 | 7.7 | 9.0 | 5.0 | 8.0 | 6.6 |
| NIMBUS | 3.7 | 5.7 | 6.7 | 4.7 | 8.3 | 7.0 | 7.7 | 9.0 | 5.3 | 8.0 | 6.6 |
| SODNET | 4.7 | 7.0 | 6.3 | 3.7 | 6.7 | 6.7 | 7.0 | 9.0 | 6.7 | 8.3 | 6.6 |
| BA 77-702 | 4.0 | 6.0 | 7.3 | 4.0 | 7.7 | 7.0 | 7.3 | 9.0 | 5.3 | 8.0 | 6.6 |
| CALIBER | 4.7 | 6.0 | 5.7 | 4.7 | 8.7 | 6.7 | 6.7 | 9.0 | 5.3 | 8.3 | 6.6 |
| MARQUIS | 5.0 | 6.0 | 6.0 | 4.0 | 7.7 | 7.3 | 7.3 | 9.0 | 5.3 | 8.0 | 6.6 |
| BA 70-060 | 4.3 | 6.0 | 6.3 | 6.0 | 8.3 | 6.3 | 6.7 | 9.0 | 4.7 | 8.0 | 6.6 |

TABLE 25.
(CONT'D)

FALL DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT
1998 DATA

| NAME | DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY | | | | | | | | | | |
|--------------------|--|-----|-----|------|-----|------|------|-----|------|-----|------|
| | IL1 | MN1 | MO3 | NC1 | NE1 | NE2 | OK1 | ON1 | PA1 | QE1 | MEAN |
| BA 81-113 | 3.0 | 5.3 | 6.7 | 6.0 | 8.3 | 6.7 | 7.7 | 9.0 | 5.0 | 8.0 | 6.6 |
| BA 76-197 | 3.0 | 7.0 | 5.7 | 5.3 | 8.3 | 5.7 | 7.3 | 9.0 | 6.0 | 8.0 | 6.5 |
| KENBLUE | 3.3 | 6.0 | 7.3 | 5.7 | 7.3 | 7.0 | 6.0 | 9.0 | 5.7 | 8.0 | 6.5 |
| CARDIFF | 3.3 | 6.0 | 6.7 | 5.0 | 8.0 | 5.0 | 6.7 | 9.0 | 7.7 | 8.0 | 6.5 |
| SIDEKICK | 4.0 | 5.3 | 7.0 | 4.3 | 7.7 | 7.0 | 7.3 | 9.0 | 5.7 | 8.0 | 6.5 |
| BAR VB 6820 | 5.3 | 6.7 | 7.3 | 4.3 | 7.7 | 6.0 | 5.7 | 9.0 | 4.7 | 8.0 | 6.5 |
| ZPS-309 | 3.7 | 5.7 | 6.7 | 5.0 | 8.0 | 6.7 | 6.7 | 9.0 | 5.3 | 8.0 | 6.5 |
| HV 242 | 3.0 | 7.3 | 5.7 | 4.7 | 8.0 | 7.0 | 7.0 | 9.0 | 4.7 | 8.0 | 6.4 |
| BA 81-220 | 4.0 | 6.3 | 6.0 | 4.3 | 8.3 | 4.3 | 7.7 | 9.0 | 5.7 | 8.3 | 6.4 |
| VB 16015 | 4.0 | 5.3 | 7.7 | 6.0 | 8.3 | 4.3 | 6.0 | 9.0 | 5.3 | 8.0 | 6.4 |
| BARUZO | 3.0 | 6.0 | 6.0 | 5.3 | 6.7 | 6.3 | 7.3 | 9.0 | 5.3 | 8.0 | 6.3 |
| SRX 2205 | 3.3 | 7.0 | 6.0 | 5.0 | 7.3 | 5.0 | 5.3 | 9.0 | 7.0 | 8.0 | 6.3 |
| LIPOA | 3.7 | 6.3 | 5.7 | 4.3 | 7.0 | 6.0 | 7.0 | 9.0 | 5.7 | 8.3 | 6.3 |
| PEPAYA (DP 37-192) | 3.7 | 6.7 | 5.7 | 5.7 | 6.3 | 4.7 | 6.3 | 9.0 | 4.0 | 8.0 | 6.0 |
| LSD VALUE | 1.7 | 0.9 | 1.1 | 1.8 | 1.1 | 1.6 | 1.4 | 0.1 | 1.1 | 0.6 | 0.4 |
| C.V. (%) | 23.4 | 8.7 | 9.8 | 21.8 | 8.3 | 14.9 | 11.1 | 0.6 | 10.5 | 4.7 | 11.2 |

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

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

TABLE 26. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1998 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

| NAME | MN1 | MO1 | NC1 | OK1 | MEAN |
|------------------------|------|------|------|------|------|
| BLACKSTONE (PST-638) | 99.0 | 98.7 | 98.0 | 99.0 | 98.7 |
| ODYSSEY (J-1561) | 99.0 | 98.7 | 97.7 | 99.0 | 98.6 |
| ARCADIA (J-1936) | 99.0 | 98.0 | 97.7 | 99.0 | 98.4 |
| BARONIE | 99.0 | 99.0 | 96.7 | 99.0 | 98.4 |
| CALIBER | 99.0 | 98.3 | 97.3 | 99.0 | 98.4 |
| MOONLIGHT (PST-A418) | 99.0 | 98.3 | 97.3 | 99.0 | 98.4 |
| JEFFERSON | 99.0 | 99.0 | 96.3 | 99.0 | 98.3 |
| CLASSIC | 99.0 | 97.7 | 97.3 | 99.0 | 98.3 |
| QUANTUM LEAP (J-1567) | 99.0 | 99.0 | 96.0 | 99.0 | 98.3 |
| VB 16015 | 99.0 | 99.0 | 96.0 | 99.0 | 98.3 |
| ALLURE | 99.0 | 99.0 | 95.7 | 99.0 | 98.2 |
| SERENE (PST-A7-245A) | 99.0 | 99.0 | 95.7 | 99.0 | 98.2 |
| UNIQUE | 99.0 | 97.7 | 96.7 | 99.0 | 98.1 |
| EXPLORER (PICK-3561) | 99.0 | 99.0 | 95.3 | 99.0 | 98.1 |
| APOLLO (PST-B3-180) | 99.0 | 99.0 | 95.0 | 99.0 | 98.0 |
| J-1555 | 99.0 | 99.0 | 95.0 | 99.0 | 98.0 |
| LIBERATOR (ZPS-2572) | 99.0 | 96.0 | 98.0 | 99.0 | 98.0 |
| SR 2000 | 99.0 | 96.3 | 97.7 | 99.0 | 98.0 |
| BRILLIANT (PST-B2-42) | 99.0 | 98.7 | 95.0 | 99.0 | 97.9 |
| LTP-620 | 99.0 | 98.7 | 95.0 | 99.0 | 97.9 |
| PRINCETON 105 | 99.0 | 97.7 | 96.0 | 99.0 | 97.9 |
| ZPS-309 | 99.0 | 99.0 | 94.7 | 99.0 | 97.9 |
| FORTUNA | 99.0 | 98.3 | 95.3 | 99.0 | 97.9 |
| GLADE | 99.0 | 97.7 | 95.7 | 99.0 | 97.8 |
| IMPACT (J-1576) | 99.0 | 97.7 | 95.7 | 99.0 | 97.8 |
| WILDWOOD | 99.0 | 95.7 | 97.7 | 99.0 | 97.8 |
| CHATEAU | 97.7 | 97.3 | 97.3 | 99.0 | 97.8 |
| LIPOA | 99.0 | 98.3 | 95.0 | 99.0 | 97.8 |
| SR 2109 | 99.0 | 99.0 | 94.3 | 99.0 | 97.8 |
| BA 76-197 | 99.0 | 96.0 | 97.0 | 99.0 | 97.8 |
| MIDNIGHT | 99.0 | 97.7 | 95.3 | 99.0 | 97.8 |
| ABSOLUTE (MED-1497) | 99.0 | 98.7 | 94.0 | 99.0 | 97.7 |
| BAR VB 233 | 99.0 | 99.0 | 93.7 | 99.0 | 97.7 |
| JEWEL (BA 81-227) | 99.0 | 95.7 | 97.0 | 99.0 | 97.7 |
| NORTH STAR (PST-A7-60) | 99.0 | 97.7 | 95.0 | 99.0 | 97.7 |
| SIDEKICK | 99.0 | 97.7 | 95.0 | 99.0 | 97.7 |
| MARQUIS | 99.0 | 96.3 | 96.3 | 99.0 | 97.7 |
| NUSTAR | 97.0 | 97.7 | 96.7 | 99.0 | 97.6 |
| PICK-855 | 96.0 | 97.7 | 97.7 | 99.0 | 97.6 |
| AWARD | 99.0 | 98.3 | 94.0 | 99.0 | 97.6 |
| RAMBO (J-2579) | 99.0 | 99.0 | 93.3 | 99.0 | 97.6 |
| BA 73-373 | 99.0 | 95.7 | 96.3 | 99.0 | 97.5 |
| BA 81-270 | 99.0 | 98.3 | 93.7 | 99.0 | 97.5 |
| HAGA | 99.0 | 97.7 | 94.3 | 99.0 | 97.5 |
| CHICAGO (J-2582) | 99.0 | 98.7 | 93.0 | 99.0 | 97.4 |

TABLE 26. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1998 DATA

| PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS | | | | | |
|--|------|------|------|------|------|
| NAME | MN1 | MO1 | NC1 | OK1 | MEAN |
| NIMBUS | 99.0 | 99.0 | 92.7 | 99.0 | 97.4 |
| PLATINI | 99.0 | 99.0 | 92.7 | 99.0 | 97.4 |
| NUGLADE | 99.0 | 97.3 | 94.3 | 99.0 | 97.4 |
| ASP200 (HV 130) | 99.0 | 98.0 | 93.3 | 99.0 | 97.3 |
| BA 70-060 | 99.0 | 96.3 | 95.0 | 99.0 | 97.3 |
| PST-P46 | 99.0 | 97.0 | 94.0 | 99.0 | 97.3 |
| TOTAL ECLIPSE (TCR-1738) | 99.0 | 95.7 | 95.0 | 99.0 | 97.2 |
| CHAMPAGNE (LTP-621) | 99.0 | 96.3 | 94.3 | 99.0 | 97.2 |
| RUGBY II (MED-18) | 98.3 | 97.0 | 94.3 | 99.0 | 97.2 |
| NJ 1190 | 99.0 | 95.7 | 96.0 | 97.7 | 97.1 |
| PEPAYA (DP 37-192) | 99.0 | 98.7 | 91.7 | 99.0 | 97.1 |
| GOLDRUSH (BA 87-102) | 99.0 | 97.7 | 97.0 | 94.3 | 97.0 |
| MISTY (BA 76-372) | 97.7 | 96.0 | 95.3 | 99.0 | 97.0 |
| NJ-GD | 99.0 | 94.7 | 95.3 | 99.0 | 97.0 |
| SHOWCASE (PST-BO-141) | 99.0 | 97.3 | 92.7 | 99.0 | 97.0 |
| SR 2100 | 99.0 | 98.7 | 91.0 | 99.0 | 96.9 |
| LIVINGSTON | 99.0 | 98.7 | 90.7 | 99.0 | 96.8 |
| NJ-54 | 99.0 | 98.7 | 90.7 | 99.0 | 96.8 |
| PICK 8 | 99.0 | 97.7 | 91.7 | 99.0 | 96.8 |
| BA 81-058 | 99.0 | 98.3 | 91.0 | 99.0 | 96.8 |
| COVENTRY | 99.0 | 99.0 | 90.3 | 99.0 | 96.8 |
| CARDIFF | 92.7 | 99.0 | 96.3 | 99.0 | 96.8 |
| SODNET | 99.0 | 98.7 | 90.3 | 99.0 | 96.8 |
| BAR VB 5649 | 99.0 | 97.7 | 90.7 | 99.0 | 96.6 |
| RAVEN | 99.0 | 94.7 | 93.7 | 99.0 | 96.6 |
| AMERICA | 99.0 | 96.3 | 92.0 | 99.0 | 96.6 |
| BA 81-113 | 99.0 | 91.3 | 96.7 | 99.0 | 96.5 |
| BARON | 99.0 | 94.0 | 94.0 | 99.0 | 96.5 |
| CHALLENGER | 99.0 | 97.3 | 90.7 | 99.0 | 96.5 |
| ENVICTA (BA 75-173) | 99.0 | 93.0 | 95.0 | 99.0 | 96.5 |
| A88-744 | 96.0 | 94.0 | 96.7 | 99.0 | 96.4 |
| SHAMROCK | 99.0 | 92.7 | 95.0 | 99.0 | 96.4 |
| BA 75-490 | 99.0 | 94.3 | 93.3 | 99.0 | 96.4 |
| LKB-95 | 98.3 | 94.3 | 97.0 | 96.0 | 96.4 |
| ASCOT | 99.0 | 99.0 | 88.3 | 99.0 | 96.3 |
| LIMOUSINE | 99.0 | 99.0 | 88.3 | 99.0 | 96.3 |
| MED-1580 | 99.0 | 97.7 | 94.3 | 94.3 | 96.3 |
| PST-BO-165 | 96.0 | 99.0 | 91.3 | 99.0 | 96.3 |
| ZPS-2183 | 97.7 | 97.3 | 91.3 | 99.0 | 96.3 |
| HV 242 | 96.0 | 98.3 | 91.7 | 99.0 | 96.3 |
| SRX 2205 | 99.0 | 94.3 | 94.0 | 97.7 | 96.3 |
| BARTITIA | 99.0 | 98.7 | 87.3 | 99.0 | 96.0 |
| BAR VB 3115B | 99.0 | 98.7 | 88.3 | 97.7 | 95.9 |
| BLUECHIP (MED-1991) | 99.0 | 93.3 | 92.0 | 99.0 | 95.8 |
| BA 77-702 | 99.0 | 94.0 | 91.0 | 99.0 | 95.8 |

TABLE 26. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1998 DATA

| PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS | | | | | |
|--|------|------|------|------|------|
| NAME | MN1 | MO1 | NC1 | OK1 | MEAN |
| BA 81-220 | 99.0 | 93.0 | 90.0 | 99.0 | 95.3 |
| ECLIPSE | 97.7 | 96.0 | 88.3 | 99.0 | 95.3 |
| ABBEY | 99.0 | 94.3 | 88.3 | 99.0 | 95.2 |
| BLACKSBURG | 98.3 | 97.3 | 85.3 | 99.0 | 95.0 |
| SEABRING (BA 79-260) | 99.0 | 97.0 | 85.0 | 99.0 | 95.0 |
| COMPACT | 99.0 | 89.3 | 92.0 | 98.7 | 94.8 |
| BAR VB 6820 | 92.7 | 96.0 | 88.7 | 99.0 | 94.1 |
| BA 75-163 | 97.7 | 90.0 | 86.3 | 99.0 | 93.3 |
| DRAGON (ZPS-429) | 99.0 | 76.7 | 96.3 | 97.7 | 92.4 |
| H86-690 | 99.0 | 93.3 | 92.7 | 84.7 | 92.4 |
| CONNI | 99.0 | 98.7 | 71.7 | 99.0 | 92.1 |
| KENBLUE | 99.0 | 56.7 | 86.0 | 99.0 | 85.2 |
| BARUZO | 28.3 | 99.0 | 92.7 | 99.0 | 79.8 |
| LSD VALUE | 8.4 | 6.2 | 8.9 | 3.1 | 3.5 |
| C.V. (%) | 5.3 | 4.0 | 5.9 | 2.0 | 4.5 |

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

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

TABLE 27. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1998 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

| NAME | MN1 | MO3 | NC1 | OK1 | MEAN |
|------------------------|------|------|------|------|------|
| BLACKSBURG | 97.7 | 99.0 | 90.0 | 99.0 | 96.4 |
| BLACKSTONE (PST-638) | 97.7 | 99.0 | 78.3 | 97.7 | 93.2 |
| PRINCETON 105 | 95.0 | 99.0 | 80.0 | 98.7 | 93.2 |
| FORTUNA | 94.7 | 99.0 | 80.0 | 96.3 | 92.5 |
| LIMOUSINE | 97.7 | 99.0 | 73.3 | 98.0 | 92.0 |
| NJ-GD | 90.0 | 99.0 | 83.3 | 93.3 | 91.4 |
| IMPACT (J-1576) | 86.7 | 99.0 | 80.0 | 99.0 | 91.2 |
| APOLLO (PST-B3-180) | 94.7 | 99.0 | 71.7 | 99.0 | 91.1 |
| BRILLIANT (PST-B2-42) | 85.0 | 99.0 | 81.7 | 98.0 | 90.9 |
| AWARD | 88.3 | 99.0 | 76.7 | 99.0 | 90.8 |
| PLATINI | 94.7 | 99.0 | 71.0 | 97.7 | 90.6 |
| WILDWOOD | 94.3 | 99.0 | 70.0 | 98.3 | 90.4 |
| EXPLORER (PICK-3561) | 83.3 | 99.0 | 80.0 | 99.0 | 90.3 |
| BA 70-060 | 90.0 | 99.0 | 75.0 | 96.3 | 90.1 |
| CLASSIC | 81.3 | 99.0 | 80.0 | 99.0 | 89.8 |
| BA 81-270 | 93.0 | 99.0 | 66.7 | 98.7 | 89.3 |
| ECLIPSE | 91.7 | 99.0 | 67.7 | 99.0 | 89.3 |
| BARONIE | 88.3 | 99.0 | 71.7 | 98.0 | 89.3 |
| PST-BO-165 | 88.3 | 99.0 | 71.7 | 97.7 | 89.2 |
| LIBERATOR (ZPS-2572) | 91.7 | 99.0 | 66.7 | 99.0 | 89.1 |
| BA 81-113 | 85.0 | 99.0 | 73.3 | 98.3 | 88.9 |
| LKB-95 | 93.0 | 99.0 | 75.3 | 88.0 | 88.8 |
| NORTH STAR (PST-A7-60) | 99.0 | 99.0 | 58.3 | 99.0 | 88.8 |
| CHALLENGER | 85.0 | 99.0 | 71.7 | 98.7 | 88.6 |
| HAGA | 96.3 | 99.0 | 60.0 | 98.3 | 88.4 |
| ABBAY | 86.7 | 99.0 | 70.0 | 97.7 | 88.3 |
| BA 76-197 | 91.7 | 99.0 | 68.3 | 94.0 | 88.3 |
| KENBLUE | 93.0 | 99.0 | 70.0 | 91.0 | 88.3 |
| AMERICA | 91.7 | 99.0 | 63.3 | 98.7 | 88.2 |
| PEPAYA (DP 37-192) | 96.0 | 88.0 | 76.7 | 91.7 | 88.1 |
| CONNI | 96.3 | 99.0 | 60.0 | 96.3 | 87.9 |
| ALLURE | 88.3 | 99.0 | 68.3 | 95.7 | 87.8 |
| BARTITIA | 97.7 | 94.3 | 61.7 | 97.7 | 87.8 |
| BAR VB 5649 | 90.0 | 99.0 | 63.3 | 98.3 | 87.7 |
| RAMBO (J-2579) | 86.7 | 99.0 | 65.0 | 98.3 | 87.3 |
| DRAGON (ZPS-429) | 85.0 | 99.0 | 66.7 | 98.0 | 87.2 |
| NIMBUS | 96.3 | 99.0 | 58.3 | 95.0 | 87.2 |
| NUSTAR | 68.3 | 99.0 | 83.3 | 97.7 | 87.1 |
| PICK-855 | 93.0 | 96.0 | 61.7 | 97.0 | 86.9 |
| PST-P46 | 96.3 | 99.0 | 55.0 | 97.3 | 86.9 |
| SR 2100 | 78.3 | 99.0 | 71.7 | 98.0 | 86.8 |
| NJ-54 | 86.7 | 99.0 | 61.7 | 98.3 | 86.4 |
| SIDEKICK | 83.3 | 99.0 | 65.0 | 98.3 | 86.4 |
| JEWEL (BA 81-227) | 81.7 | 99.0 | 65.0 | 99.0 | 86.2 |
| CALIBER | 71.7 | 99.0 | 75.0 | 98.7 | 86.1 |

TABLE 27. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1998 DATA

| PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS | | | | | |
|--|------|------|------|------|------|
| NAME | MN1 | MO3 | NC1 | OK1 | MEAN |
| GLADE | 90.0 | 99.0 | 56.7 | 98.3 | 86.0 |
| CHATEAU | 90.0 | 99.0 | 58.3 | 95.7 | 85.8 |
| PICK 8 | 96.3 | 99.0 | 48.3 | 99.0 | 85.7 |
| BA 73-373 | 93.3 | 99.0 | 55.0 | 95.0 | 85.6 |
| TOTAL ECLIPSE (TCR-1738) | 83.3 | 99.0 | 61.7 | 98.3 | 85.6 |
| ZPS-309 | 86.7 | 99.0 | 58.3 | 98.0 | 85.5 |
| ENVICTA (BA 75-173) | 78.3 | 99.0 | 66.7 | 97.7 | 85.4 |
| MIDNIGHT | 86.7 | 99.0 | 56.7 | 99.0 | 85.3 |
| SERENE (PST-A7-245A) | 81.7 | 99.0 | 61.7 | 99.0 | 85.3 |
| BAR VB 3115B | 93.0 | 99.0 | 50.0 | 98.3 | 85.1 |
| JEFFERSON | 91.7 | 99.0 | 50.0 | 99.0 | 84.9 |
| RUGBY II (MED-18) | 86.7 | 99.0 | 55.0 | 99.0 | 84.9 |
| LIPOA | 93.3 | 96.0 | 58.3 | 92.0 | 84.9 |
| LIVINGSTON | 91.3 | 99.0 | 51.7 | 97.7 | 84.9 |
| QUANTUM LEAP (J-1567) | 85.7 | 99.0 | 55.0 | 99.0 | 84.7 |
| J-1555 | 75.0 | 99.0 | 66.7 | 97.7 | 84.6 |
| BA 75-490 | 78.3 | 99.0 | 61.7 | 99.0 | 84.5 |
| NUGLADE | 78.3 | 99.0 | 61.7 | 99.0 | 84.5 |
| ZPS-2183 | 94.7 | 99.0 | 46.7 | 97.7 | 84.5 |
| ASP200 (HV 130) | 93.3 | 99.0 | 46.7 | 98.0 | 84.3 |
| MOONLIGHT (PST-A418) | 81.7 | 99.0 | 58.3 | 97.0 | 84.0 |
| BARON | 86.7 | 99.0 | 53.3 | 96.0 | 83.8 |
| COVENTRY | 93.3 | 99.0 | 45.0 | 97.7 | 83.8 |
| SEABRING (BA 79-260) | 96.0 | 99.0 | 43.3 | 95.7 | 83.5 |
| SR 2109 | 96.3 | 99.0 | 46.7 | 91.0 | 83.3 |
| UNIQUE | 86.7 | 99.0 | 48.3 | 99.0 | 83.3 |
| LTP-620 | 68.3 | 99.0 | 67.7 | 97.0 | 83.0 |
| BAR VB 233 | 85.0 | 99.0 | 48.3 | 99.0 | 82.8 |
| HV 242 | 81.7 | 99.0 | 51.7 | 99.0 | 82.8 |
| SHOWCASE (PST-BO-141) | 66.7 | 99.0 | 66.7 | 98.3 | 82.7 |
| MISTY (BA 76-372) | 91.7 | 99.0 | 41.7 | 98.0 | 82.6 |
| SHAMROCK | 73.3 | 99.0 | 63.3 | 94.7 | 82.6 |
| GOLDRUSH (BA 87-102) | 80.0 | 99.0 | 65.0 | 86.0 | 82.5 |
| BA 77-702 | 93.3 | 99.0 | 38.3 | 98.0 | 82.2 |
| ARCADIA (J-1936) | 90.0 | 99.0 | 40.0 | 99.0 | 82.0 |
| ABSOLUTE (MED-1497) | 93.0 | 99.0 | 36.7 | 98.3 | 81.8 |
| ODYSSEY (J-1561) | 88.3 | 99.0 | 40.0 | 99.0 | 81.6 |
| CHICAGO (J-2582) | 76.7 | 99.0 | 51.7 | 98.7 | 81.5 |
| SRX 2205 | 97.7 | 96.0 | 36.7 | 95.7 | 81.5 |
| MARQUIS | 83.3 | 99.0 | 45.0 | 97.7 | 81.3 |
| BA 81-058 | 78.3 | 99.0 | 48.3 | 99.0 | 81.2 |
| VB 16015 | 70.0 | 99.0 | 73.3 | 81.7 | 81.0 |
| COMPACT | 70.0 | 99.0 | 56.7 | 98.0 | 80.9 |
| BA 81-220 | 91.7 | 99.0 | 35.0 | 97.3 | 80.8 |
| ASCOT | 80.0 | 99.0 | 45.0 | 98.3 | 80.6 |

TABLE 27. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1998 DATA

| PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS | | | | | |
|--|------|------|------|------|------|
| NAME | MN1 | MO3 | NC1 | OK1 | MEAN |
| SR 2000 | 83.3 | 99.0 | 36.7 | 99.0 | 79.5 |
| H86-690 | 71.7 | 99.0 | 56.7 | 89.7 | 79.3 |
| CARDIFF | 81.7 | 96.0 | 56.7 | 82.0 | 79.1 |
| MED-1580 | 91.7 | 99.0 | 40.0 | 83.3 | 78.5 |
| A88-744 | 41.7 | 99.0 | 73.3 | 99.0 | 78.3 |
| RAVEN | 76.7 | 99.0 | 38.3 | 98.3 | 78.1 |
| BAR VB 6820 | 81.7 | 83.0 | 49.3 | 95.3 | 77.3 |
| CHAMPAGNE (LTP-621) | 73.3 | 89.3 | 46.7 | 98.7 | 77.0 |
| SODNET | 85.0 | 99.0 | 40.0 | 83.7 | 76.9 |
| NJ 1190 | 96.3 | 78.3 | 55.0 | 74.7 | 76.1 |
| BLUECHIP (MED-1991) | 63.3 | 99.0 | 41.7 | 96.3 | 75.1 |
| BARUZO | 28.3 | 89.3 | 68.3 | 96.3 | 70.6 |
| BA 75-163 | 40.0 | 99.0 | 40.0 | 97.7 | 69.2 |
| LSD VALUE | 15.7 | 5.7 | 38.9 | 10.3 | 10.9 |
| C.V. (%) | 11.4 | 3.6 | 40.2 | 6.6 | 15.9 |

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

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

TABLE 28. PERCENT LIVING GROUND COVER (FALL) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1998 DATA

| NAME | PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/ | | | | | | | MEAN |
|--------------------------|---|------|------|------|------|------|------|------|
| | IA2 | KY1 | MN1 | NC1 | NJ1 | NJ2 | OK1 | |
| AMERICA | 68.3 | 99.0 | 91.0 | 78.3 | 73.3 | 91.7 | 99.0 | 85.8 |
| BRILLIANT (PST-B2-42) | 70.0 | 90.3 | 93.0 | 83.3 | 73.3 | 81.7 | 99.0 | 84.4 |
| NUGLADE | 60.0 | 94.7 | 94.7 | 81.7 | 56.7 | 91.7 | 99.0 | 82.6 |
| AWARD | 58.3 | 96.3 | 94.7 | 76.7 | 58.3 | 90.0 | 99.0 | 81.9 |
| APOLLO (PST-B3-180) | 65.0 | 83.7 | 97.7 | 75.0 | 63.3 | 85.0 | 99.0 | 81.2 |
| LIBERATOR (ZPS-2572) | 61.7 | 84.0 | 96.3 | 83.3 | 58.3 | 81.7 | 98.7 | 80.6 |
| JEFFERSON | 50.0 | 95.0 | 86.7 | 76.7 | 65.0 | 91.7 | 97.3 | 80.3 |
| PRINCETON 105 | 70.0 | 50.0 | 94.7 | 85.0 | 90.3 | 85.0 | 86.0 | 80.1 |
| PICK 8 | 60.0 | 95.3 | 93.0 | 66.7 | 75.0 | 68.3 | 99.0 | 79.6 |
| MIDNIGHT | 56.7 | 90.3 | 96.0 | 70.0 | 60.3 | 81.7 | 98.7 | 79.1 |
| MOONLIGHT (PST-A418) | 61.7 | 92.0 | 85.0 | 71.7 | 56.7 | 91.7 | 93.3 | 78.9 |
| UNIQUE | 65.0 | 96.3 | 83.3 | 68.3 | 53.3 | 85.0 | 98.3 | 78.5 |
| BA 75-490 | 68.3 | 76.7 | 93.3 | 71.7 | 55.0 | 86.7 | 97.3 | 78.4 |
| BLACKSTONE (PST-638) | 56.7 | 64.3 | 99.0 | 90.0 | 60.0 | 80.0 | 99.0 | 78.4 |
| SIDEKICK | 68.3 | 94.3 | 93.0 | 75.0 | 25.3 | 85.0 | 98.3 | 77.0 |
| ODYSSEY (J-1561) | 58.3 | 88.0 | 80.0 | 76.7 | 58.3 | 79.3 | 98.3 | 77.0 |
| TOTAL ECLIPSE (TCR-1738) | 63.3 | 92.7 | 91.7 | 78.3 | 27.3 | 86.7 | 98.3 | 76.9 |
| BARONIE | 53.3 | 87.0 | 96.3 | 83.3 | 56.7 | 58.3 | 99.0 | 76.3 |
| SHOWCASE (PST-BO-141) | 58.3 | 83.3 | 81.3 | 70.0 | 56.7 | 83.3 | 99.0 | 76.0 |
| HAGA | 51.7 | 91.3 | 96.3 | 75.0 | 29.7 | 86.7 | 99.0 | 75.7 |
| IMPACT (J-1576) | 50.0 | 76.7 | 86.7 | 80.0 | 43.3 | 89.3 | 99.0 | 75.0 |
| CLASSIC | 66.7 | 79.7 | 96.3 | 86.7 | 33.0 | 66.7 | 94.3 | 74.8 |
| RUGBY II (MED-18) | 68.3 | 87.3 | 95.0 | 60.0 | 43.3 | 65.0 | 98.3 | 73.9 |
| CHAMPAGNE (LTP-621) | 66.7 | 87.3 | 91.7 | 68.3 | 32.7 | 70.0 | 99.0 | 73.7 |
| PLATINI | 40.0 | 59.0 | 96.0 | 85.7 | 62.7 | 76.7 | 95.3 | 73.6 |
| BA 81-058 | 50.0 | 94.7 | 70.0 | 78.3 | 33.3 | 90.0 | 99.0 | 73.6 |
| BA 70-060 | 68.3 | 79.0 | 90.0 | 88.3 | 12.3 | 80.0 | 93.7 | 73.1 |
| BAR VB 3115B | 76.7 | 87.3 | 96.3 | 73.3 | 33.3 | 46.7 | 96.3 | 72.9 |
| GLADE | 66.7 | 71.3 | 85.0 | 81.7 | 46.3 | 60.0 | 98.3 | 72.8 |
| BLACKSBURG | 43.3 | 55.3 | 96.0 | 88.3 | 45.0 | 81.7 | 99.0 | 72.7 |
| QUANTUM LEAP (J-1567) | 55.0 | 82.0 | 86.7 | 58.3 | 36.7 | 85.0 | 98.3 | 71.7 |
| KENBLUE | 66.7 | 79.7 | 90.0 | 83.3 | 13.0 | 70.0 | 98.3 | 71.6 |
| LKB-95 | 73.3 | 55.7 | 97.7 | 91.7 | 10.7 | 81.7 | 88.7 | 71.3 |
| CHALLENGER | 56.7 | 87.0 | 91.7 | 71.7 | 10.0 | 83.3 | 98.0 | 71.2 |
| NUSTAR | 55.0 | 72.3 | 71.7 | 88.3 | 46.7 | 66.7 | 96.7 | 71.0 |
| BA 77-702 | 66.7 | 78.0 | 94.7 | 76.7 | 16.3 | 68.3 | 94.0 | 70.7 |
| SERENE (PST-A7-245A) | 76.7 | 89.3 | 79.7 | 71.7 | 11.7 | 66.7 | 98.3 | 70.6 |
| NJ-GD | 50.0 | 52.3 | 96.3 | 86.0 | 32.7 | 76.7 | 97.3 | 70.2 |
| SEABRING (BA 79-260) | 60.0 | 88.7 | 95.0 | 61.7 | 6.3 | 88.3 | 91.3 | 70.2 |
| CHATEAU | 78.3 | 58.3 | 93.0 | 75.0 | 9.3 | 80.0 | 97.0 | 70.1 |
| CALIBER | 56.7 | 76.3 | 76.7 | 73.3 | 38.3 | 68.3 | 97.7 | 69.6 |
| COVENTRY | 75.0 | 66.7 | 88.3 | 76.7 | 10.7 | 71.7 | 98.3 | 69.6 |
| ECLIPSE | 56.7 | 83.0 | 97.7 | 71.0 | 30.0 | 50.0 | 99.0 | 69.6 |
| DRAGON (ZPS-429) | 38.3 | 75.7 | 80.0 | 85.0 | 38.3 | 78.3 | 88.7 | 69.2 |
| FORTUNA | 63.3 | 69.0 | 86.7 | 81.7 | 13.7 | 71.7 | 97.3 | 69.0 |

TABLE 28. PERCENT LIVING GROUND COVER (FALL) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1998 DATA

| PERCENT LIVING GROUND COVER IN FALL: LOCATIONS | | | | | | | | |
|--|------|------|------|------|------|------|------|------|
| NAME | IA2 | KY1 | MN1 | NC1 | NJ1 | NJ2 | OK1 | MEAN |
| A88-744 | 55.0 | 89.0 | 66.7 | 75.0 | 32.3 | 66.7 | 97.3 | 68.9 |
| LIVINGSTON | 45.0 | 70.7 | 96.3 | 65.0 | 20.0 | 88.3 | 96.7 | 68.9 |
| NJ-54 | 55.0 | 75.7 | 86.3 | 75.0 | 20.7 | 70.0 | 94.7 | 68.2 |
| BA 81-270 | 68.3 | 62.3 | 97.7 | 71.7 | 9.7 | 71.7 | 95.3 | 68.1 |
| ENVICTA (BA 75-173) | 71.7 | 83.0 | 71.7 | 80.0 | 13.3 | 65.0 | 91.7 | 68.0 |
| ABBEY | 56.7 | 83.3 | 81.3 | 78.3 | 16.7 | 65.0 | 93.7 | 67.9 |
| PICK-855 | 55.0 | 72.3 | 91.7 | 73.3 | 11.3 | 80.0 | 90.7 | 67.8 |
| BA 81-220 | 58.3 | 87.0 | 94.7 | 50.0 | 23.3 | 68.3 | 91.7 | 67.6 |
| RAMBO (J-2579) | 70.0 | 69.0 | 83.0 | 76.7 | 8.7 | 66.7 | 99.0 | 67.6 |
| BAR VB 5649 | 43.3 | 64.0 | 94.7 | 75.0 | 22.7 | 73.3 | 99.0 | 67.4 |
| BA 76-197 | 56.7 | 55.0 | 96.3 | 78.3 | 8.7 | 88.3 | 86.3 | 67.1 |
| EXPLORER (PICK-3561) | 58.3 | 71.7 | 81.7 | 86.7 | 8.7 | 63.3 | 99.0 | 67.0 |
| ARCADIA (J-1936) | 60.0 | 72.0 | 88.3 | 73.3 | 19.3 | 56.7 | 99.0 | 67.0 |
| VB 16015 | 66.7 | 61.3 | 73.3 | 81.7 | 8.3 | 83.3 | 93.7 | 66.9 |
| ZPS-2183 | 43.3 | 48.3 | 93.0 | 61.7 | 41.7 | 83.3 | 96.7 | 66.9 |
| SR 2000 | 48.3 | 88.7 | 86.3 | 56.7 | 35.0 | 53.3 | 99.0 | 66.8 |
| BA 73-373 | 55.0 | 75.7 | 88.3 | 73.3 | 10.0 | 65.0 | 94.0 | 65.9 |
| BARON | 55.0 | 43.7 | 93.3 | 76.7 | 11.7 | 76.7 | 99.0 | 65.1 |
| BA 81-113 | 45.0 | 67.3 | 80.0 | 80.0 | 3.7 | 85.0 | 94.3 | 65.0 |
| ALLURE | 58.3 | 78.0 | 80.0 | 63.3 | 13.3 | 63.3 | 97.0 | 64.8 |
| SHAMROCK | 61.7 | 56.7 | 88.3 | 65.0 | 20.7 | 63.3 | 97.3 | 64.7 |
| LTP-620 | 68.3 | 57.3 | 86.7 | 71.7 | 10.7 | 58.3 | 99.0 | 64.6 |
| PST-BO-165 | 51.7 | 79.0 | 88.3 | 78.3 | 8.0 | 46.7 | 98.7 | 64.4 |
| CHICAGO (J-2582) | 60.0 | 61.7 | 85.0 | 66.7 | 9.7 | 68.3 | 99.0 | 64.3 |
| RAVEN | 61.7 | 78.0 | 78.3 | 50.0 | 22.7 | 60.0 | 97.7 | 64.0 |
| NJ 1190 | 73.3 | 39.3 | 89.7 | 75.0 | 15.7 | 80.0 | 71.7 | 63.5 |
| MED-1580 | 56.7 | 84.7 | 74.7 | 75.0 | 6.0 | 55.0 | 92.0 | 63.4 |
| MARQUIS | 53.3 | 55.7 | 90.0 | 63.3 | 14.0 | 73.3 | 93.7 | 63.3 |
| WILDWOOD | 58.3 | 45.0 | 94.7 | 80.0 | 14.3 | 50.0 | 98.7 | 63.0 |
| CONNI | 60.0 | 29.7 | 97.7 | 68.3 | 9.3 | 75.0 | 97.7 | 62.5 |
| MISTY (BA 76-372) | 58.3 | 51.7 | 91.7 | 56.7 | 3.7 | 78.3 | 96.3 | 62.4 |
| NIMBUS | 70.0 | 52.3 | 97.7 | 66.7 | 8.3 | 51.7 | 90.0 | 62.4 |
| J-1555 | 60.0 | 75.7 | 63.3 | 66.7 | 10.0 | 60.0 | 98.3 | 62.0 |
| SR 2100 | 50.0 | 55.0 | 88.3 | 70.0 | 19.3 | 51.7 | 97.3 | 61.7 |
| LIMOUSINE | 66.7 | 27.3 | 97.7 | 68.3 | 30.0 | 51.7 | 89.7 | 61.6 |
| PST-P46 | 51.7 | 40.7 | 94.7 | 70.0 | 24.0 | 56.7 | 93.0 | 61.5 |
| JEWEL (BA 81-227) | 63.3 | 38.3 | 88.3 | 71.7 | 14.3 | 53.3 | 99.0 | 61.2 |
| BAR VB 233 | 38.3 | 73.3 | 81.3 | 65.0 | 20.0 | 55.0 | 94.3 | 61.0 |
| SR 2109 | 58.3 | 31.0 | 91.3 | 63.3 | 11.7 | 83.3 | 87.3 | 60.9 |
| ABSOLUTE (MED-1497) | 40.0 | 69.0 | 94.7 | 61.7 | 8.7 | 53.3 | 97.3 | 60.7 |
| GOLDRUSH (BA 87-102) | 56.7 | 58.3 | 88.3 | 71.7 | 10.7 | 46.7 | 91.3 | 60.5 |
| ASP200 (HV 130) | 56.7 | 44.0 | 95.0 | 61.7 | 11.3 | 58.3 | 94.3 | 60.2 |
| NORTH STAR (PST-A7-60) | 61.7 | 54.0 | 97.7 | 63.3 | 10.0 | 35.0 | 99.0 | 60.1 |
| CARDIFF | 56.7 | 31.3 | 75.0 | 85.0 | 3.3 | 76.7 | 88.3 | 59.5 |
| COMPACT | 56.7 | 54.0 | 73.3 | 71.7 | 4.0 | 60.0 | 95.0 | 59.2 |

TABLE 28. PERCENT LIVING GROUND COVER (FALL) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1998 DATA

| PERCENT LIVING GROUND COVER IN FALL: LOCATIONS | | | | | | | | |
|--|------|------|------|------|------|------|------|------|
| NAME | IA2 | KY1 | MN1 | NC1 | NJ1 | NJ2 | OK1 | MEAN |
| BA 75-163 | 45.0 | 87.3 | 38.3 | 70.0 | 15.3 | 61.7 | 96.3 | 59.1 |
| HV 242 | 38.3 | 55.0 | 86.7 | 65.0 | 10.0 | 58.3 | 99.0 | 58.9 |
| ZPS-309 | 18.3 | 51.7 | 73.3 | 75.0 | 33.3 | 48.3 | 98.3 | 56.9 |
| ASCOT | 53.3 | 25.0 | 86.3 | 55.0 | 3.7 | 78.3 | 95.3 | 56.7 |
| BLUECHIP (MED-1991) | 66.7 | 40.7 | 66.7 | 70.0 | 6.3 | 41.7 | 94.0 | 55.1 |
| SRX 2205 | 45.0 | 9.3 | 99.0 | 63.3 | 8.0 | 73.3 | 85.0 | 54.7 |
| BARTITIA | 56.7 | 8.7 | 93.0 | 70.0 | 5.7 | 55.0 | 90.7 | 54.2 |
| H86-690 | 50.0 | 33.3 | 88.3 | 73.3 | 4.7 | 55.0 | 65.0 | 52.8 |
| BAR VB 6820 | 53.3 | 6.0 | 71.7 | 65.0 | 5.3 | 75.0 | 84.7 | 51.6 |
| LIPOA | 41.7 | 7.7 | 93.3 | 73.3 | 3.0 | 51.7 | 81.7 | 50.3 |
| SODNET | 60.0 | 6.0 | 88.0 | 61.7 | 2.7 | 51.7 | 78.3 | 49.8 |
| BARUZO | 56.7 | 9.7 | 15.0 | 72.7 | 1.7 | 61.7 | 92.3 | 44.2 |
| PEPAYA (DP 37-192) | 20.0 | 2.3 | 80.0 | 78.3 | 1.7 | 53.3 | 68.3 | 43.4 |
| LSD VALUE | 20.1 | 31.5 | 21.1 | 27.2 | 27.4 | 36.1 | 10.6 | 9.8 |
| C.V. (%) | 21.7 | 30.0 | 15.1 | 23.2 | 66.8 | 32.1 | 7.0 | 24.0 |

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

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

TABLE 29. FROST TOLERANCE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1998 DATA

FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 2/

| NAME | PA1 | NAME | PA1 |
|-----------------------|-----|-----------------------|-----|
| A88-744 | 9.0 | LKB-95 | 9.0 |
| ABBEY | 9.0 | MARQUIS | 9.0 |
| ABSOLUTE (MED-1497) | 9.0 | MED-1580 | 9.0 |
| ALLURE | 9.0 | MIDNIGHT | 9.0 |
| AMERICA | 9.0 | MISTY (BA 76-372) | 9.0 |
| APOLLO (PST-B3-180) | 9.0 | MOONLIGHT (PST-A418) | 9.0 |
| ARCADIA (J-1936) | 9.0 | NIMBUS | 9.0 |
| ASCOT | 9.0 | NJ 1190 | 9.0 |
| ASF200 (HV 130) | 9.0 | NJ-54 | 9.0 |
| AWARD | 9.0 | NJ-GD | 9.0 |
| BA 70-060 | 9.0 | NUGLADE | 9.0 |
| BA 73-373 | 9.0 | NUSTAR | 9.0 |
| BA 75-163 | 9.0 | PEPAYA (DP 37-192) | 9.0 |
| BA 75-490 | 9.0 | PICK 8 | 9.0 |
| BA 76-197 | 9.0 | PICK-855 | 9.0 |
| BA 77-702 | 9.0 | PRINCETON 105 | 9.0 |
| BA 81-058 | 9.0 | PST-BO-165 | 9.0 |
| BA 81-113 | 9.0 | PST-P46 | 9.0 |
| BA 81-220 | 9.0 | QUANTUM LEAP (J-1567) | 9.0 |
| BA 81-270 | 9.0 | RAVEN | 9.0 |
| BAR VB 6820 | 9.0 | SEABRING (BA 79-260) | 9.0 |
| BARON | 9.0 | SERENE (PST-A7-245A) | 9.0 |
| BARONIE | 9.0 | SHAMROCK | 9.0 |
| BARUZO | 9.0 | SHOWCASE (PST-BO-141) | 9.0 |
| BLACKSBURG | 9.0 | SIDEKICK | 9.0 |
| BLACKSTONE (PST-638) | 9.0 | SODNET | 9.0 |
| BLUECHIP (MED-1991) | 9.0 | SR 2000 | 9.0 |
| BRILLIANT (PST-B2-42) | 9.0 | SR 2109 | 9.0 |
| CHALLENGER | 9.0 | SRX 2205 | 9.0 |
| CHATEAU | 9.0 | UNIQUE | 9.0 |
| CHICAGO (J-2582) | 9.0 | VB 16015 | 9.0 |
| CONNI | 9.0 | WILDWOOD | 9.0 |
| COVENTRY | 9.0 | BARTITIA | 8.7 |
| DRAGON (ZPS-429) | 9.0 | CARDIFF | 8.7 |
| ENVICTA (BA 75-173) | 9.0 | ECLIPSE | 8.7 |
| FORTUNA | 9.0 | IMPACT (J-1576) | 8.7 |
| GLADE | 9.0 | PLATINI | 8.7 |
| GOLDRUSH (BA 87-102) | 9.0 | BAR VB 5649 | 8.3 |
| H86-690 | 9.0 | CALIBER | 8.3 |
| HV 242 | 9.0 | CLASSIC | 8.3 |
| J-1555 | 9.0 | JEFFERSON | 8.3 |
| JEWEL (BA 81-227) | 9.0 | KENBLUE | 8.3 |
| LIBERATOR (ZPS-2572) | 9.0 | ODYSSEY (J-1561) | 8.3 |
| LIFOA | 9.0 | RUGBY II (MED-18) | 8.3 |
| LIVINGSTON | 9.0 | SR 2100 | 8.3 |

TABLE 29. FROST TOLERANCE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1998 DATA

FROST TOLERANCE RATINGS 1-9; 9=NO INJURY

| NAME | PA1 |
|--------------------------|-----|
| TOTAL ECLIPSE (TCR-1738) | 8.3 |
| HAGA | 8.0 |
| RAMBO (J-2579) | 8.0 |
| ZPS-2183 | 8.0 |
| BAR VB 233 | 7.7 |
| COMPACT | 7.7 |
| EXPLORER (PICK-3561) | 7.7 |
| NORTH STAR (PST-A7-60) | 7.7 |
| CHAMPAGNE (LTP-621) | 7.0 |
| ZPS-309 | 7.0 |
| BAR VB 3115B | 6.7 |
| LTP-620 | 6.3 |
| LIMOUSINE | 3.3 |
| LSD VALUE | 1.1 |
| C.V. (%) | 8.0 |

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

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

TABLE 30.

WINTER COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1998 DATA

WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

| NAME | NC1 | NJ2 | OK1 | MEAN | NAME | NC1 | NJ2 | OK1 | MEAN |
|----------------------|-----|-----|-----|------|--------------------------|-----|-----|-----|------|
| NIMBUS | 5.7 | 7.0 | 5.7 | 6.1 | JEFFERSON | 6.0 | 4.3 | 4.7 | 5.0 |
| ZPS-309 | 4.7 | 7.7 | 6.0 | 6.1 | ODYSSEY (J-1561) | 6.7 | 3.0 | 5.3 | 5.0 |
| BAR VB 5649 | 6.0 | 6.0 | 6.0 | 6.0 | BA 73-373 | 6.7 | 3.0 | 5.0 | 4.9 |
| BLACKSTONE (PST-638) | 6.0 | 6.0 | 5.7 | 5.9 | BAR VB 3115B | 5.7 | 4.0 | 5.0 | 4.9 |
| SR 2109 | 5.3 | 5.7 | 6.7 | 5.9 | BARUZO | 6.0 | 3.0 | 5.7 | 4.9 |
| BAR VB 233 | 7.0 | 5.3 | 5.0 | 5.8 | CHICAGO (J-2582) | 5.3 | 3.7 | 5.7 | 4.9 |
| BARONIE | 6.0 | 6.3 | 5.0 | 5.8 | EXPLORER (PICK-3561) | 5.7 | 3.7 | 5.3 | 4.9 |
| CALIBER | 7.0 | 5.3 | 5.0 | 5.8 | SHAMROCK | 4.7 | 5.3 | 4.7 | 4.9 |
| CLASSIC | 6.0 | 7.0 | 4.3 | 5.8 | SR 2100 | 6.0 | 3.0 | 5.7 | 4.9 |
| ZPS-2183 | 5.0 | 6.3 | 6.0 | 5.8 | SRX 2205 | 6.0 | 3.0 | 5.7 | 4.9 |
| MISTY (BA 76-372) | 5.3 | 6.0 | 5.7 | 5.7 | BAR VB 6820 | 6.3 | 3.3 | 5.0 | 4.9 |
| NJ-CD | 6.7 | 4.7 | 5.7 | 5.7 | BARON | 7.3 | 2.3 | 5.0 | 4.9 |
| PICK 8 | 6.7 | 5.0 | 5.3 | 5.7 | BLUECHIP (MED-1991) | 6.3 | 3.3 | 5.0 | 4.9 |
| PLATINI | 5.7 | 6.0 | 5.3 | 5.7 | PEPAYA (DP 37-192) | 5.7 | 3.0 | 5.7 | 4.8 |
| VB 16015 | 6.0 | 5.3 | 5.7 | 5.7 | ABSOLUTE (MED-1497) | 5.3 | 3.3 | 5.7 | 4.8 |
| BA 75-490 | 5.3 | 5.7 | 5.7 | 5.6 | CHATEAU | 6.0 | 3.0 | 5.3 | 4.8 |
| DRAGON (ZPS-429) | 4.7 | 6.3 | 5.7 | 5.6 | JEWEL (BA 81-227) | 6.7 | 2.7 | 5.0 | 4.8 |
| LKB-95 | 5.7 | 4.7 | 6.3 | 5.6 | LIMOUSINE | 5.7 | 3.7 | 5.0 | 4.8 |
| ASP200 (HV 130) | 6.7 | 5.0 | 4.7 | 5.4 | MOONLIGHT (PST-A418) | 5.3 | 3.7 | 5.3 | 4.8 |
| BA 81-058 | 5.3 | 6.0 | 5.0 | 5.4 | RAMBO (J-2579) | 5.0 | 3.7 | 5.7 | 4.8 |
| CARDIFF | 6.3 | 5.3 | 4.7 | 5.4 | SODNET | 5.3 | 3.7 | 5.3 | 4.8 |
| CHALLENGER | 5.3 | 5.7 | 5.3 | 5.4 | TOTAL ECLIPSE (TCR-1738) | 5.7 | 3.3 | 5.3 | 4.8 |
| CHAMPAGNE (LTP-621) | 5.3 | 5.3 | 5.7 | 5.4 | AMERICA | 6.0 | 3.3 | 4.7 | 4.7 |
| GLADE | 6.0 | 4.0 | 6.3 | 5.4 | BA 70-060 | 6.0 | 3.3 | 4.7 | 4.7 |
| HV 242 | 6.0 | 5.3 | 5.0 | 5.4 | NUGLADE | 5.3 | 3.7 | 5.0 | 4.7 |
| MED-1580 | 6.0 | 4.0 | 6.3 | 5.4 | NUSTAR | 6.0 | 2.7 | 5.3 | 4.7 |
| COMPACT | 5.3 | 5.0 | 5.7 | 5.3 | PST-P46 | 5.3 | 4.0 | 4.7 | 4.7 |
| HAGA | 5.7 | 4.0 | 6.3 | 5.3 | AWARD | 6.0 | 3.0 | 4.7 | 4.6 |
| LIBERATOR (ZPS-2572) | 6.0 | 5.0 | 5.0 | 5.3 | BA 77-702 | 6.0 | 2.7 | 5.0 | 4.6 |
| LIVINGSTON | 5.7 | 5.0 | 5.3 | 5.3 | ENVICTA (BA 75-173) | 6.3 | 2.3 | 5.0 | 4.6 |
| SIDEKICK | 6.0 | 4.7 | 5.3 | 5.3 | RAVEN | 6.3 | 2.3 | 5.0 | 4.6 |
| ECLIPSE | 5.7 | 5.0 | 5.0 | 5.2 | UNIQUE | 5.3 | 4.3 | 4.0 | 4.6 |
| J-1555 | 7.0 | 3.7 | 5.0 | 5.2 | ARCADIA (J-1936) | 5.3 | 3.0 | 5.3 | 4.6 |
| PICK-855 | 6.3 | 4.3 | 5.0 | 5.2 | BA 75-163 | 6.7 | 3.0 | 3.7 | 4.4 |
| WILLWOOD | 6.3 | 4.3 | 5.0 | 5.2 | GOLDRUSH (BA 87-102) | 6.0 | 2.3 | 5.0 | 4.4 |
| BLACKSBURG | 5.3 | 5.0 | 5.3 | 5.2 | NJ-54 | 5.0 | 3.3 | 5.0 | 4.4 |
| LTP-620 | 4.3 | 5.0 | 6.3 | 5.2 | BRILLIANT (PST-B2-42) | 5.3 | 4.0 | 4.0 | 4.4 |
| SR 2000 | 6.0 | 4.3 | 5.3 | 5.2 | IMPACT (J-1576) | 4.7 | 3.3 | 5.3 | 4.4 |
| KENBLUE | 5.3 | 5.0 | 5.0 | 5.1 | PRINCETON 105 | 6.0 | 2.7 | 4.7 | 4.4 |
| LIPQA | 5.0 | 4.3 | 6.0 | 5.1 | QUANTUM LEAP (J-1567) | 5.0 | 3.0 | 5.3 | 4.4 |
| MIDNIGHT | 7.3 | 3.0 | 5.0 | 5.1 | SHOWCASE (PST-BO-141) | 4.3 | 4.3 | 4.7 | 4.4 |
| NJ 1190 | 4.3 | 5.7 | 5.3 | 5.1 | A88-744 | 5.0 | 4.3 | 3.7 | 4.3 |
| CONNI | 5.7 | 3.7 | 5.7 | 5.0 | APOLLO (PST-B3-180) | 5.0 | 3.7 | 4.3 | 4.3 |
| H86-690 | 5.3 | 3.7 | 6.0 | 5.0 | ASCOT | 5.3 | 3.0 | 4.7 | 4.3 |

TABLE 30. WINTER COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1998 DATA

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

| NAME | NC1 | NJ2 | OK1 | MEAN |
|------------------------|------|------|------|------|
| RUGBY II (MED-18) | 4.3 | 3.7 | 5.0 | 4.3 |
| BA 76-197 | 6.3 | 2.7 | 3.7 | 4.2 |
| BARTITIA | 4.3 | 3.3 | 5.0 | 4.2 |
| SEABRING (BA 79-260) | 5.0 | 2.7 | 5.0 | 4.2 |
| ABBAY | 5.3 | 3.0 | 4.3 | 4.2 |
| SERENE (PST-A7-245A) | 5.3 | 3.0 | 4.3 | 4.2 |
| BA 81-113 | 4.7 | 3.0 | 4.7 | 4.1 |
| ALLURE | 5.0 | 2.7 | 4.7 | 4.1 |
| BA 81-220 | 5.0 | 2.7 | 4.7 | 4.1 |
| COVENTRY | 6.3 | 1.7 | 4.3 | 4.1 |
| MARQUIS | 5.3 | 2.3 | 4.7 | 4.1 |
| BA 81-270 | 4.7 | 2.7 | 4.3 | 3.9 |
| FORTUNA | 4.7 | 2.3 | 4.7 | 3.9 |
| NORTH STAR (PST-A7-60) | 5.0 | 2.0 | 4.7 | 3.9 |
| PST-BO-165 | 4.0 | 2.7 | 4.3 | 3.7 |
| LSD VALUE | 2.1 | 1.3 | 1.0 | 0.9 |
| C.V. (%) | 23.2 | 19.9 | 12.5 | 19.5 |

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

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

TABLE 31. DROUGHT TOLERANCE (DORMANCY) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1998 DATA

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

| NAME | MN1 | NAME | MN1 |
|--------------------------|-----|---------------------|-----|
| AWARD | 9.0 | ECLIPSE | 6.7 |
| LIBERATOR (ZPS-2572) | 9.0 | HAGA | 6.7 |
| NUGLADE | 9.0 | PST-P46 | 6.7 |
| RUGBY II (MED-18) | 9.0 | SODNET | 6.7 |
| APOLLO (PST-B3-180) | 8.7 | VB 16015 | 6.7 |
| BARONIE | 8.7 | WILDWOOD | 6.7 |
| IMPACT (J-1576) | 8.7 | ZPS-2183 | 6.7 |
| MIDNIGHT | 8.7 | ABBAY | 6.3 |
| PRINCETON 105 | 8.7 | BA 81-270 | 6.3 |
| QUANTUM LEAP (J-1567) | 8.7 | BARTITIA | 6.3 |
| SIDEKICK | 8.7 | MED-1580 | 6.3 |
| TOTAL ECLIPSE (TCR-1738) | 8.7 | NUSTAR | 6.3 |
| ODYSSEY (J-1561) | 8.3 | PST-BO-165 | 6.3 |
| SR 2000 | 8.3 | BA 70-060 | 6.0 |
| UNIQUE | 8.3 | CLASSIC | 6.0 |
| CHAMPAGNE (LTP-621) | 8.0 | DRAGON (ZPS-429) | 6.0 |
| MOONLIGHT (PST-A418) | 8.0 | JEFFERSON | 6.0 |
| NJ-GD | 8.0 | SRX 2205 | 6.0 |
| SEABRING (BA 79-260) | 8.0 | BA 77-702 | 5.7 |
| SHOWCASE (PST-BO-141) | 8.0 | FORTUNA | 5.7 |
| AMERICA | 7.7 | GLADE | 5.7 |
| BA 81-220 | 7.7 | NJ-54 | 5.7 |
| BLACKSTONE (PST-638) | 7.7 | PICK-855 | 5.7 |
| KENBLUE | 7.7 | RAVEN | 5.7 |
| NORTH STAR (PST-A7-60) | 7.7 | ASCOT | 5.3 |
| A88-744 | 7.3 | BA 73-373 | 5.3 |
| BA 75-490 | 7.3 | BARON | 5.3 |
| BA 76-197 | 7.3 | NJ 1190 | 5.3 |
| BA 81-058 | 7.3 | BLUECHIP (MED-1991) | 5.0 |
| BAR VB 3115B | 7.3 | LIVINGSTON | 5.0 |
| PICK 8 | 7.3 | MARQUIS | 5.0 |
| CHICAGO (J-2582) | 7.0 | SHAMROCK | 5.0 |
| COVENTRY | 7.0 | ASP200 (HV 130) | 4.7 |
| J-1555 | 7.0 | BAR VB 5649 | 4.7 |
| LKB-95 | 7.0 | CARDIFF | 4.7 |
| LTP-620 | 7.0 | H86-690 | 4.7 |
| MISTY (BA 76-372) | 7.0 | HV 242 | 4.7 |
| NIMBUS | 7.0 | LIPOA | 4.7 |
| SR 2109 | 7.0 | RAMBO (J-2579) | 4.7 |
| ABSOLUTE (MED-1497) | 6.7 | SR 2100 | 4.7 |
| ARCADIA (J-1936) | 6.7 | BARUZO | 4.3 |
| BA 75-163 | 6.7 | BLACKSBURG | 4.3 |
| BRILLIANT (PST-B2-42) | 6.7 | COMPACT | 4.3 |
| CHALLENGER | 6.7 | CONNI | 4.3 |

TABLE 31. DROUGHT TOLERANCE (DORMANCY) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1998 DATA

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

| NAME | MN1 |
|----------------------|------|
| JEWEL (BA 81-227) | 4.3 |
| LIMOUSINE | 4.3 |
| SERENE (PST-A7-245A) | 4.3 |
| BA 81-113 | 4.0 |
| CHATEAU | 4.0 |
| EXPLORER (PICK-3561) | 4.0 |
| ALLURE | 3.3 |
| PLATINI | 3.3 |
| CALIBER | 3.0 |
| BAR VB 233 | 2.7 |
| BAR VB 6820 | 2.7 |
| ENVICTA (BA 75-173) | 2.7 |
| GOLDRUSH (BA 87-102) | 2.7 |
| ZPS-309 | 2.7 |
| PEPAYA (DP 37-192) | 2.3 |
| LSD VALUE | 3.2 |
| C.V. (%) | 32.0 |

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

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

TABLE 32. THATCH MEASUREMENTS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1998 DATA

THATCH MEASUREMENTS IN MILLIMETERS 2/

| NAME | QE1 | NAME | QE1 |
|-----------------------|------|--------------------------|------|
| PST-BO-165 | 21.3 | ENVICTA (BA 75-173) | 12.7 |
| PLATINI | 21.0 | LIMOUSINE | 12.7 |
| SODNET | 20.7 | NORTH STAR (PST-A7-60) | 12.7 |
| JEWEL (BA 81-227) | 20.0 | BARTITIA | 12.3 |
| MOONLIGHT (PST-A418) | 20.0 | CHATEAU | 12.3 |
| GOLDRUSH (BA 87-102) | 19.3 | HV 242 | 12.3 |
| AWARD | 19.0 | PST-P46 | 12.3 |
| BA 70-060 | 19.0 | BARONIE | 12.0 |
| EXPLORER (PICK-3561) | 18.3 | BA 77-702 | 11.7 |
| SRX 2205 | 18.3 | BA 81-113 | 11.7 |
| NUSTAR | 17.7 | BARON | 11.7 |
| PICK-855 | 17.7 | COVENTRY | 11.7 |
| SR 2100 | 17.7 | NJ-GD | 11.7 |
| AMERICA | 17.0 | SHAMROCK | 11.7 |
| ASP200 (HV 130) | 17.0 | ASCOT | 11.3 |
| CHALLENGER | 17.0 | BA 81-270 | 11.0 |
| HAGA | 17.0 | FORTUNA | 11.0 |
| SHOWCASE (PST-BO-141) | 17.0 | SIDEKICK | 11.0 |
| ABBEY | 16.3 | WILDWOOD | 11.0 |
| A88-744 | 16.0 | ZPS-2183 | 11.0 |
| SR 2000 | 16.0 | BA 75-490 | 10.7 |
| ECLIPSE | 15.7 | PRINCETON 105 | 10.7 |
| COMPACT | 15.3 | RAMBO (J-2579) | 10.7 |
| H86-690 | 15.3 | BA 73-373 | 10.0 |
| LIVINGSTON | 15.3 | LIPOA | 10.0 |
| NJ-54 | 15.0 | MISTY (BA 76-372) | 9.7 |
| RAVEN | 15.0 | ALLURE | 9.3 |
| SERENE (PST-A7-245A) | 14.7 | BLUECHIP (MED-1991) | 9.3 |
| ABSOLUTE (MED-1497) | 14.3 | CLASSIC | 9.3 |
| BRILLIANT (PST-B2-42) | 14.3 | LKB-95 | 9.3 |
| JEFFERSON | 14.3 | BA 75-163 | 9.0 |
| ODYSSEY (J-1561) | 14.3 | BA 81-058 | 9.0 |
| UNIQUE | 14.3 | TOTAL ECLIPSE (TCR-1738) | 9.0 |
| BA 81-220 | 14.0 | MARQUIS | 8.7 |
| MED-1580 | 13.7 | CHAMPAGNE (LTP-621) | 8.3 |
| NUGLADE | 13.7 | BAR VB 3115B | 7.7 |
| PEPAYA (DP 37-192) | 13.7 | CARDIFF | 7.3 |
| QUANTUM LEAP (J-1567) | 13.7 | PICK 8 | 7.3 |
| RUGBY II (MED-18) | 13.7 | BAR VB 5649 | 7.0 |
| BAR VB 233 | 13.3 | BLACKSTONE (PST-638) | 7.0 |
| KENBLUE | 13.3 | CALIBER | 7.0 |
| LIBERATOR (ZPS-2572) | 13.3 | CHICAGO (J-2582) | 7.0 |
| J-1555 | 13.0 | MIDNIGHT | 6.7 |
| BARUZO | 12.7 | SEABRING (BA 79-260) | 6.7 |

TABLE 32. THATCH MEASUREMENTS OF KENTUCKY BLUEGRASS CULTIVARS
 (CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
 1998 DATA

THATCH MEASUREMENTS IN MILLIMETERS

| NAME | QE1 |
|---------------------|------|
| BLACKSBURG | 6.3 |
| BA 76-197 | 5.7 |
| IMPACT (J-1576) | 5.7 |
| VB 16015 | 5.7 |
| ZPS-309 | 5.7 |
| ARCADIA (J-1936) | 5.3 |
| APOLLO (PST-B3-180) | 5.0 |
| BAR VB 6820 | 5.0 |
| NJ 1190 | 5.0 |
| DRAGON (ZPS-429) | 4.7 |
| LTP-620 | 4.3 |
| SR 2109 | 3.7 |
| GLADE | 3.0 |
| NIMBUS | 2.3 |
| CONNI | 1.7 |
| LSD VALUE | 10.3 |
| C.V. (%) | 54.0 |

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

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

TABLE 33. GREY SNOW MOLD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1998 DATA

GREY SNOW MOLD RATINGS 1-9; 9=NO DISEASE 2/

| NAME | QE1 | NAME | QE1 |
|-----------------------|-----|--------------------------|-----|
| ASF200 (HV 130) | 8.0 | COMPACT | 7.0 |
| BA 81-058 | 8.0 | DRAGON (ZPS-429) | 7.0 |
| BLACKSTONE (PST-638) | 8.0 | GLADE | 7.0 |
| CHALLENGER | 8.0 | HAGA | 7.0 |
| H86-690 | 8.0 | JEWEL (BA 81-227) | 7.0 |
| NUSTAR | 8.0 | LTP-620 | 7.0 |
| AMERICA | 7.7 | MARQUIS | 7.0 |
| BA 81-113 | 7.7 | MIDNIGHT | 7.0 |
| BARONIE | 7.7 | NIMBUS | 7.0 |
| BRILLIANT (PST-B2-42) | 7.7 | RAVEN | 7.0 |
| GOLDRUSH (BA 87-102) | 7.7 | SHOWCASE (PST-BO-141) | 7.0 |
| MOONLIGHT (PST-A418) | 7.7 | A88-744 | 6.7 |
| NJ-54 | 7.7 | BAR VB 6820 | 6.7 |
| PST-P46 | 7.7 | BARON | 6.7 |
| SEABRING (BA 79-260) | 7.7 | BARTITIA | 6.7 |
| VB 16015 | 7.7 | CALIBER | 6.7 |
| WILDWOOD | 7.7 | CHAMPAGNE (LTP-621) | 6.7 |
| ABBEY | 7.3 | EXPLORER (PICK-3561) | 6.7 |
| APOLLO (PST-B3-180) | 7.3 | JEFFERSON | 6.7 |
| BA 73-373 | 7.3 | KENBLUE | 6.7 |
| BA 75-163 | 7.3 | NUGLADE | 6.7 |
| BA 77-702 | 7.3 | PEPAYA (DP 37-192) | 6.7 |
| BA 81-220 | 7.3 | PICK 8 | 6.7 |
| CHATEAU | 7.3 | PICK-855 | 6.7 |
| COVENTRY | 7.3 | PRINCETON 105 | 6.7 |
| ECLIPSE | 7.3 | PST-BO-165 | 6.7 |
| ENVICTA (BA 75-173) | 7.3 | QUANTUM LEAP (J-1567) | 6.7 |
| FORTUNA | 7.3 | RAMBO (J-2579) | 6.7 |
| LIMOUSINE | 7.3 | SERENE (PST-A7-245A) | 6.7 |
| LIVINGSTON | 7.3 | SRX 2205 | 6.7 |
| LKB-95 | 7.3 | TOTAL ECLIPSE (TCR-1738) | 6.7 |
| MED-1580 | 7.3 | BA 75-490 | 6.3 |
| MISTY (BA 76-372) | 7.3 | BA 81-270 | 6.3 |
| SR 2100 | 7.3 | CARDIFF | 6.3 |
| UNIQUE | 7.3 | CONNI | 6.3 |
| ZPS-309 | 7.3 | HV 242 | 6.3 |
| ALLURE | 7.0 | IMPACT (J-1576) | 6.3 |
| ASCOT | 7.0 | J-1555 | 6.3 |
| BA 70-060 | 7.0 | LIBERATOR (ZPS-2572) | 6.3 |
| BAR VB 233 | 7.0 | LIPOA | 6.3 |
| BAR VB 5649 | 7.0 | PLATINI | 6.3 |
| BLUECHIP (MED-1991) | 7.0 | SIDEKICK | 6.3 |
| CHICAGO (J-2582) | 7.0 | SODNET | 6.3 |
| CLASSIC | 7.0 | SR 2109 | 6.3 |

TABLE 33. GREY SNOW MOLD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1998 DATA

GREY SNOW MOLD RATINGS 1-9; 9=NO DISEASE

| NAME | QE1 |
|------------------------|------|
| ZPS-2183 | 6.3 |
| ABSOLUTE (MED-1497) | 6.0 |
| ARCADIA (J-1936) | 6.0 |
| AWARD | 6.0 |
| BA 76-197 | 6.0 |
| BAR VB 3115B | 6.0 |
| BARUZO | 6.0 |
| BLACKSBURG | 6.0 |
| NJ-GD | 6.0 |
| NORTH STAR (PST-A7-60) | 6.0 |
| RUGBY II (MED-18) | 6.0 |
| SR 2000 | 6.0 |
| NJ 1190 | 5.7 |
| ODYSSEY (J-1561) | 5.7 |
| SHAMROCK | 5.7 |
| LSD VALUE | 1.5 |
| C.V. (%) | 13.2 |

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

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

TABLE 34. MELTING-OUT (SPRING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1998 DATA

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

| NAME | PA1 | NAME | PA1 |
|--------------------------|-----|-----------------------|-----|
| ABBEY | 9.0 | VB 16015 | 9.0 |
| ABSOLUTE (MED-1497) | 9.0 | A88-744 | 8.7 |
| AWARD | 9.0 | APOLLO (PST-B3-180) | 8.7 |
| BA 70-060 | 9.0 | ASCOT | 8.7 |
| BA 73-373 | 9.0 | BAR VB 233 | 8.7 |
| BA 81-058 | 9.0 | BAR VB 5649 | 8.7 |
| BA 81-113 | 9.0 | CARDIFF | 8.7 |
| BA 81-220 | 9.0 | HV 242 | 8.7 |
| BAR VB 3115B | 9.0 | LTP-620 | 8.7 |
| BAR VB 6820 | 9.0 | RAMBO (J-2579) | 8.7 |
| BARON | 9.0 | SHOWCASE (PST-BO-141) | 8.7 |
| BLUECHIP (MED-1991) | 9.0 | UNIQUE | 8.7 |
| BRILLIANT (PST-B2-42) | 9.0 | ZPS-309 | 8.7 |
| CALIBER | 9.0 | AMERICA | 8.3 |
| CHALLENGER | 9.0 | BA 77-702 | 8.3 |
| CHAMPAGNE (LTP-621) | 9.0 | BARONIE | 8.3 |
| CHICAGO (J-2582) | 9.0 | JEWEL (BA 81-227) | 8.3 |
| ECLIPSE | 9.0 | LIVINGSTON | 8.3 |
| ENVICTA (BA 75-173) | 9.0 | LKB-95 | 8.3 |
| FORTUNA | 9.0 | ODYSSEY (J-1561) | 8.3 |
| GOLDRUSH (BA 87-102) | 9.0 | SR 2100 | 8.3 |
| IMPACT (J-1576) | 9.0 | ASP200 (HV 130) | 8.0 |
| LIBERATOR (ZPS-2572) | 9.0 | BARTITIA | 8.0 |
| LIMOUSINE | 9.0 | CHATEAU | 8.0 |
| MARQUIS | 9.0 | NIMBUS | 8.0 |
| MIDNIGHT | 9.0 | PST-BO-165 | 8.0 |
| MOONLIGHT (PST-A418) | 9.0 | WILDWOOD | 8.0 |
| NJ-GD | 9.0 | CONNI | 7.7 |
| NORTH STAR (PST-A7-60) | 9.0 | DRAGON (ZPS-429) | 7.7 |
| NUGLADE | 9.0 | EXPLORER (PICK-3561) | 7.7 |
| PEPAYA (DP 37-192) | 9.0 | HAGA | 7.7 |
| PICK 8 | 9.0 | ARCADIA (J-1936) | 7.3 |
| PLATINI | 9.0 | BA 76-197 | 7.3 |
| PRINCETON 105 | 9.0 | BA 81-270 | 7.3 |
| PST-P46 | 9.0 | BLACKSTONE (EST-638) | 7.3 |
| QUANTUM LEAP (J-1567) | 9.0 | COVENTRY | 7.3 |
| RAVEN | 9.0 | MISTY (BA 76-372) | 7.3 |
| RUGBY II (MED-18) | 9.0 | NUSTAR | 7.3 |
| SEABRING (BA 79-260) | 9.0 | SODNET | 7.3 |
| SERENE (PST-A7-245A) | 9.0 | ALLURE | 7.0 |
| SHAMROCK | 9.0 | CLASSIC | 7.0 |
| SR 2000 | 9.0 | COMPACT | 7.0 |
| SR 2109 | 9.0 | JEFFERSON | 7.0 |
| TOTAL ECLIPSE (TCR-1738) | 9.0 | SIDEKICK | 7.0 |

TABLE 34. MELTING-OUT (SPRING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1998 DATA

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

| NAME | PA1 |
|------------|-----|
| H86-690 | 6.7 |
| BA 75-163 | 6.3 |
| BLACKSBURG | 6.3 |
| LIPOA | 6.3 |
| NJ 1190 | 6.3 |
| J-1555 | 6.0 |
| ZPS-2183 | 5.7 |
| BARUZO | 5.3 |
| MED-1580 | 5.3 |
| GLADE | 5.0 |
| SRX 2205 | 5.0 |
| NJ-54 | 4.3 |
| PICK-855 | 4.3 |
| BA 75-490 | 3.3 |
| KENBLUE | 1.3 |
| LSD VALUE | 1.3 |
| C.V. (%) | 9.9 |

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

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

TABLE 35.

LEAF SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1998 DATA

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

| NAME | NJ2 | UB1 | MEAN | NAME | NJ2 | UB1 | MEAN |
|--------------------------|-----|-----|------|-----------------------|-----|-----|------|
| MOONLIGHT (PST-A418) | 8.3 | 7.7 | 8.0 | PLATINI | 6.0 | 5.7 | 5.8 |
| TOTAL ECLIPSE (TCR-1738) | 8.0 | 8.0 | 8.0 | PST-BO-165 | 6.0 | 5.7 | 5.8 |
| AWARD | 8.0 | 7.7 | 7.8 | GLADE | 5.3 | 6.3 | 5.8 |
| BAR VB 6820 | 8.0 | 7.7 | 7.8 | ALLURE | 6.0 | 5.5 | 5.8 |
| MIDNIGHT | 7.7 | 8.0 | 7.8 | CARDIFF | 5.7 | 5.7 | 5.7 |
| LIBERATOR (ZPS-2572) | 7.7 | 7.7 | 7.7 | HV 242 | 5.3 | 6.0 | 5.7 |
| NORTH STAR (PST-A7-60) | 8.3 | 7.0 | 7.7 | VB 16015 | 6.3 | 5.0 | 5.7 |
| ODYSSEY (J-1561) | 7.7 | 7.7 | 7.7 | JEFFERSON | 6.0 | 5.0 | 5.5 |
| WILDWOOD | 8.3 | 7.0 | 7.7 | NIMBUS | 7.0 | 4.0 | 5.5 |
| IMPACT (J-1576) | 7.3 | 7.7 | 7.5 | SHAMROCK | 6.3 | 4.7 | 5.5 |
| NUGLADE | 7.3 | 7.7 | 7.5 | CHATEAU | 5.3 | 5.5 | 5.4 |
| RUGBY II (MED-18) | 7.0 | 8.0 | 7.5 | BLACKSTONE (PST-638) | 6.7 | 4.0 | 5.3 |
| ARCADIA (J-1936) | 7.3 | 7.5 | 7.4 | CALIBER | 5.7 | 5.0 | 5.3 |
| ABSOLUTE (MED-1497) | 7.0 | 7.7 | 7.3 | LIVINGSTON | 5.7 | 5.0 | 5.3 |
| ASCOT | 8.0 | 6.7 | 7.3 | BA 81-270 | 6.3 | 4.3 | 5.3 |
| BLACKSBURG | 7.7 | 7.0 | 7.3 | NJ-GD | 6.3 | 4.3 | 5.3 |
| QUANTUM LEAP (J-1567) | 7.0 | 7.7 | 7.3 | NJ 1190 | 5.0 | 5.5 | 5.3 |
| CONNI | 7.3 | 7.3 | 7.3 | BAR VB 233 | 5.3 | 5.0 | 5.2 |
| ECLIPSE | 7.7 | 6.5 | 7.1 | FORTUNA | 4.0 | 6.3 | 5.2 |
| BAR VB 3115B | 7.0 | 7.0 | 7.0 | LIPOA | 5.3 | 5.0 | 5.2 |
| BARTITIA | 7.0 | 6.7 | 6.8 | SHOWCASE (PST-BO-141) | 6.3 | 4.0 | 5.2 |
| CHICAGO (J-2582) | 7.0 | 6.7 | 6.8 | COVENTRY | 5.0 | 5.0 | 5.0 |
| PST-P46 | 7.7 | 6.0 | 6.8 | LKB-95 | 5.7 | 4.3 | 5.0 |
| LIMOUSINE | 6.3 | 7.3 | 6.8 | MARQUIS | 4.0 | 6.0 | 5.0 |
| ZPS-2183 | 7.3 | 6.3 | 6.8 | MED-1580 | 5.7 | 4.3 | 5.0 |
| EXPLORER (PICK-3561) | 6.7 | 6.7 | 6.7 | SR 2100 | 6.3 | 3.7 | 5.0 |
| RAMBO (J-2579) | 6.7 | 6.7 | 6.7 | UNIQUE | 5.7 | 4.3 | 5.0 |
| SR 2109 | 7.7 | 5.7 | 6.7 | HAGA | 5.0 | 4.7 | 4.8 |
| CHALLENGER | 7.3 | 6.0 | 6.7 | JEWEL (BA 81-227) | 5.7 | 4.0 | 4.8 |
| SR 2000 | 7.3 | 6.0 | 6.7 | A88-744 | 5.3 | 4.3 | 4.8 |
| SERENE (PST-A7-245A) | 6.7 | 6.0 | 6.3 | BLUECHIP (MED-1991) | 4.3 | 5.3 | 4.8 |
| BAR VB 5649 | 6.3 | 6.3 | 6.3 | BARONIE | 5.7 | 3.7 | 4.7 |
| PICK 8 | 6.7 | 5.7 | 6.2 | ZPS-309 | 5.7 | 3.7 | 4.7 |
| SEABRING (BA 79-260) | 6.7 | 5.7 | 6.2 | SRX 2205 | 6.3 | 3.0 | 4.7 |
| APOLLO (PST-B3-180) | 7.3 | 5.0 | 6.2 | BARUZO | 4.7 | 4.5 | 4.6 |
| BRILLIANT (PST-B2-42) | 6.3 | 6.0 | 6.2 | BA 75-163 | 6.0 | 3.0 | 4.5 |
| NUSTAR | 7.0 | 5.3 | 6.2 | BA 76-197 | 4.3 | 4.7 | 4.5 |
| PEPAYA (DP 37-192) | 7.0 | 5.3 | 6.2 | CHAMPAGNE (LTP-621) | 5.0 | 4.0 | 4.5 |
| SODNET | 7.3 | 5.0 | 6.2 | CLASSIC | 5.3 | 3.7 | 4.5 |
| J-1555 | 5.7 | 6.3 | 6.0 | NJ-54 | 5.3 | 3.5 | 4.4 |
| PRINCETON 105 | 6.7 | 5.3 | 6.0 | ABBEY | 4.7 | 4.0 | 4.3 |
| AMERICA | 6.7 | 5.0 | 5.8 | H86-690 | 4.7 | 4.0 | 4.3 |
| ASP200 (HV 130) | 5.7 | 6.0 | 5.8 | GOLDRUSH (BA 87-102) | 3.7 | 4.7 | 4.2 |
| BA 81-058 | 6.7 | 5.0 | 5.8 | RAVEN | 4.0 | 4.3 | 4.2 |

TABLE 35. LEAF SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1998 DATA

LEAF SPOT RATINGS 1-9; 9=NO DISEASE

| NAME | NJ2 | UB1 | MEAN |
|---------------------|------|------|------|
| BA 73-373 | 4.3 | 3.7 | 4.0 |
| LTP-620 | 4.7 | 3.3 | 4.0 |
| MISTY (BA 76-372) | 4.7 | 3.0 | 3.8 |
| BA 77-702 | 3.7 | 4.0 | 3.8 |
| BARON | 3.3 | 4.3 | 3.8 |
| PICK-855 | 4.3 | 3.3 | 3.8 |
| BA 81-113 | 4.0 | 3.3 | 3.7 |
| ENVICTA (BA 75-173) | 4.0 | 3.3 | 3.7 |
| SIDEKICK | 4.3 | 3.0 | 3.7 |
| DRAGON (ZPS-429) | 4.7 | 2.5 | 3.6 |
| BA 70-060 | 3.0 | 4.0 | 3.5 |
| BA 81-220 | 4.0 | 3.0 | 3.5 |
| COMPACT | 3.0 | 4.0 | 3.5 |
| BA 75-490 | 2.7 | 2.3 | 2.5 |
| KENBLUE | 1.0 | 2.0 | 1.5 |
| LSD VALUE | 1.5 | 1.6 | 1.1 |
| C.V. (%) | 15.4 | 17.1 | 16.2 |

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

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

TABLE 36. STEM RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1998 DATA

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

| NAME | NC1 | NAME | NC1 |
|--------------------------|-----|-----------------------|-----|
| BLACKSTONE (PST-638) | 8.3 | BA 75-490 | 6.3 |
| LIBERATOR (ZPS-2572) | 8.3 | BAR VB 5649 | 6.3 |
| LKB-95 | 8.3 | CHAMPAGNE (LTP-621) | 6.3 |
| PLATINI | 8.3 | COVENTRY | 6.3 |
| ENVICTA (BA 75-173) | 8.0 | GLADE | 6.3 |
| PST-BO-165 | 8.0 | GOLDRUSH (BA 87-102) | 6.3 |
| WILDWOOD | 8.0 | IMPACT (J-1576) | 6.3 |
| AMERICA | 7.7 | NUGLADE | 6.3 |
| ARCADIA (J-1936) | 7.7 | NUSTAR | 6.3 |
| BA 75-163 | 7.7 | PEPAYA (DP 37-192) | 6.3 |
| BAR VB 3115B | 7.7 | PICK-855 | 6.3 |
| BAR VB 6820 | 7.7 | RUGBY II (MED-18) | 6.3 |
| BLACKSBURG | 7.7 | ZPS-309 | 6.3 |
| CALIBER | 7.7 | ASP200 (HV 130) | 6.0 |
| JEFFERSON | 7.7 | BA 76-197 | 6.0 |
| MIDNIGHT | 7.7 | BA 77-702 | 6.0 |
| SR 2100 | 7.7 | BA 81-058 | 6.0 |
| UNIQUE | 7.7 | BA 81-113 | 6.0 |
| ABBEY | 7.3 | CARDIFF | 6.0 |
| BARON | 7.3 | CLASSIC | 6.0 |
| CHATEAU | 7.3 | ODYSSEY (J-1561) | 6.0 |
| EXPLORER (PICK-3561) | 7.3 | SHOWCASE (PST-BO-141) | 6.0 |
| LIPOA | 7.3 | SIDEKICK | 6.0 |
| MED-1580 | 7.3 | VB 16015 | 6.0 |
| NJ-54 | 7.3 | ALLURE | 5.7 |
| NJ-GD | 7.3 | ASCOT | 5.7 |
| ABSOLUTE (MED-1497) | 7.0 | BA 70-060 | 5.7 |
| DRAGON (ZPS-429) | 7.0 | BA 81-270 | 5.7 |
| HAGA | 7.0 | BARONIE | 5.7 |
| LIMOUSINE | 7.0 | BLUECHIP (MED-1991) | 5.7 |
| MOONLIGHT (PST-A418) | 7.0 | CHICAGO (J-2582) | 5.7 |
| PICK 8 | 7.0 | CONNI | 5.7 |
| PRINCETON 105 | 7.0 | JEWEL (BA 81-227) | 5.7 |
| RAMBO (J-2579) | 7.0 | MARQUIS | 5.7 |
| SHAMROCK | 7.0 | PST-P46 | 5.7 |
| TOTAL ECLIPSE (TCR-1738) | 7.0 | SEABRING (BA 79-260) | 5.7 |
| BA 81-220 | 6.7 | SR 2000 | 5.7 |
| CHALLENGER | 6.7 | A88-744 | 5.3 |
| ECLIPSE | 6.7 | BAR VB 233 | 5.3 |
| H86-690 | 6.7 | BARUZO | 5.3 |
| HV 242 | 6.7 | COMPACT | 5.3 |
| J-1555 | 6.7 | MISTY (BA 76-372) | 5.3 |
| LTP-620 | 6.7 | NJ 1190 | 5.3 |
| APOLLO (PST-B3-180) | 6.3 | SODNET | 5.3 |

TABLE 36. STEM RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1998 DATA

STEM RUST RATINGS 1-9; 9=NO DISEASE

| NAME | NC1 |
|------------------------|------|
| SR 2109 | 5.3 |
| AWARD | 5.0 |
| FORTUNA | 5.0 |
| NORTH STAR (PST-A7-60) | 5.0 |
| QUANTUM LEAP (J-1567) | 5.0 |
| SRX 2205 | 5.0 |
| BARTITIA | 4.7 |
| LIVINGSTON | 4.7 |
| RAVEN | 4.7 |
| ZPS-2183 | 4.7 |
| BRILLIANT (PST-B2-42) | 4.3 |
| NIMBUS | 4.3 |
| BA 73-373 | 4.0 |
| SERENE (PST-A7-245A) | 4.0 |
| KENBLUE | 3.7 |
| LSD VALUE | 3.4 |
| C.V. (%) | 33.2 |

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

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

TABLE 37.

DOLLAR SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1998 DATA

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

| NAME | IN1 | NC1 | NE1 | VA1 | MEAN | NAME | IN1 | NC1 | NE1 | VA1 | MEAN |
|--------------------------|-----|-----|-----|-----|------|------------------------|-----|-----|-----|-----|------|
| SHOWCASE (PST-BO-141) | 7.7 | 8.3 | 9.0 | 8.3 | 8.3 | CARDIFF | 5.3 | 8.0 | 8.3 | 5.7 | 6.8 |
| BRILLIANT (PST-B2-42) | 7.7 | 8.7 | 8.7 | 8.0 | 8.3 | COMPACT | 5.7 | 7.3 | 7.0 | 7.3 | 6.8 |
| UNIQUE | 7.7 | 8.0 | 9.0 | 8.3 | 8.3 | LTP-620 | 5.3 | 8.0 | 8.7 | 5.3 | 6.8 |
| MOONLIGHT (PST-A418) | 7.7 | 8.0 | 8.7 | 8.3 | 8.2 | NUGLADE | 5.3 | 8.0 | 8.0 | 6.0 | 6.8 |
| AMERICA | 7.3 | 8.0 | 8.3 | 8.0 | 7.9 | J-1555 | 5.0 | 8.0 | 8.0 | 6.0 | 6.8 |
| APOLLO (PST-B3-180) | 7.3 | 7.7 | 8.7 | 8.0 | 7.9 | RAVEN | 5.7 | 7.7 | 7.3 | 6.3 | 6.8 |
| LIBERATOR (ZPS-2572) | 6.3 | 9.0 | 9.0 | 7.0 | 7.8 | ZPS-2183 | 4.7 | 7.0 | 8.0 | 7.3 | 6.8 |
| BLACKSTONE (PST-638) | 5.7 | 8.7 | 8.7 | 7.7 | 7.7 | BA 81-220 | 5.7 | 7.3 | 8.0 | 5.7 | 6.7 |
| NJ-GD | 6.3 | 8.7 | 9.0 | 6.7 | 7.7 | BARON | 6.0 | 8.3 | 7.3 | 5.0 | 6.7 |
| LIVINGSTON | 6.3 | 8.3 | 8.3 | 7.3 | 7.6 | CHICAGO (J-2582) | 5.7 | 7.3 | 8.0 | 5.7 | 6.7 |
| BARONIE | 6.3 | 8.0 | 8.7 | 7.0 | 7.5 | HAGA | 5.0 | 8.3 | 7.7 | 5.7 | 6.7 |
| ECLIPSE | 6.7 | 8.0 | 8.3 | 7.0 | 7.5 | NUSTAR | 6.3 | 8.3 | 6.3 | 5.7 | 6.7 |
| BA 76-197 | 5.3 | 8.7 | 8.3 | 7.3 | 7.4 | BLUECHIP (MED-1991) | 6.0 | 6.3 | 8.3 | 6.0 | 6.7 |
| CHAMPAGNE (LTP-621) | 5.7 | 7.7 | 9.0 | 7.3 | 7.4 | CALIBER | 4.0 | 8.7 | 8.0 | 6.0 | 6.7 |
| SHAMROCK | 6.3 | 8.3 | 9.0 | 6.0 | 7.4 | BLACKSBURG | 5.3 | 6.7 | 8.3 | 6.0 | 6.6 |
| DRAGON (ZPS-429) | 5.0 | 8.0 | 8.7 | 8.0 | 7.4 | MISTY (BA 76-372) | 6.0 | 7.7 | 8.7 | 4.0 | 6.6 |
| SR 2000 | 5.7 | 7.3 | 8.7 | 8.0 | 7.4 | PICK 8 | 4.7 | 7.7 | 8.3 | 5.7 | 6.6 |
| BA 75-490 | 6.3 | 6.7 | 8.3 | 8.0 | 7.3 | SEABRING (BA 79-260) | 6.0 | 7.0 | 8.3 | 4.7 | 6.5 |
| JEFFERSON | 5.7 | 8.3 | 8.3 | 7.0 | 7.3 | BAR VB 3115B | 4.3 | 8.0 | 8.0 | 5.7 | 6.5 |
| ARCADIA (J-1936) | 4.3 | 9.0 | 8.7 | 7.3 | 7.3 | QUANTUM LEAP (J-1567) | 4.3 | 7.7 | 7.7 | 6.3 | 6.5 |
| AWARD | 6.3 | 8.0 | 8.0 | 7.0 | 7.3 | SR 2109 | 5.0 | 6.0 | 9.0 | 6.0 | 6.5 |
| BA 81-058 | 6.3 | 8.3 | 8.7 | 5.7 | 7.3 | NIMBUS | 5.7 | 7.0 | 6.7 | 6.3 | 6.4 |
| A88-744 | 6.7 | 8.0 | 8.3 | 6.0 | 7.3 | RUGBY II (MED-18) | 4.7 | 6.3 | 9.0 | 5.7 | 6.4 |
| CHALLENGER | 5.7 | 8.0 | 9.0 | 6.3 | 7.3 | JEWEL (BA 81-227) | 4.0 | 8.0 | 7.3 | 6.3 | 6.4 |
| GOLDRUSH (BA 87-102) | 5.3 | 9.0 | 8.7 | 6.0 | 7.3 | CHATEAU | 5.0 | 9.0 | 6.7 | 4.7 | 6.3 |
| SR 2100 | 7.3 | 7.0 | 8.3 | 6.3 | 7.3 | PST-BO-165 | 4.0 | 8.3 | 6.7 | 6.3 | 6.3 |
| ASCOT | 5.7 | 7.7 | 8.7 | 6.7 | 7.2 | ALLURE | 5.0 | 8.7 | 6.7 | 4.7 | 6.3 |
| BA 73-373 | 4.7 | 9.0 | 8.0 | 7.0 | 7.2 | PICK-855 | 3.0 | 8.7 | 6.3 | 7.0 | 6.3 |
| BA 75-163 | 5.7 | 7.7 | 8.3 | 7.0 | 7.2 | PST-P46 | 4.3 | 8.3 | 7.3 | 5.0 | 6.3 |
| H86-690 | 5.3 | 8.7 | 9.0 | 5.7 | 7.2 | NJ-54 | 3.7 | 8.0 | 6.0 | 7.3 | 6.3 |
| ODYSSEY (J-1561) | 5.7 | 8.3 | 8.3 | 6.3 | 7.2 | MARQUIS | 5.3 | 7.7 | 5.7 | 6.0 | 6.2 |
| ENVICTA (BA 75-173) | 6.0 | 7.0 | 8.7 | 7.0 | 7.2 | ABSOLUTE (MED-1497) | 4.0 | 7.3 | 8.3 | 5.0 | 6.2 |
| VB 16015 | 5.7 | 8.7 | 8.3 | 6.0 | 7.2 | GLADE | 3.7 | 8.3 | 5.7 | 6.7 | 6.1 |
| TOTAL ECLIPSE (TCR-1738) | 5.3 | 8.3 | 8.7 | 6.0 | 7.1 | EXPLORER (PICK-3561) | 4.0 | 8.0 | 7.0 | 5.3 | 6.1 |
| MIDNIGHT | 6.7 | 8.7 | 6.7 | 6.3 | 7.1 | SERENE (PST-A7-245A) | 4.0 | 9.0 | 5.3 | 6.0 | 6.1 |
| ASP200 (HV 130) | 5.0 | 9.0 | 8.0 | 6.0 | 7.0 | BA 81-270 | 4.0 | 8.3 | 7.7 | 4.0 | 6.0 |
| BA 70-060 | 5.7 | 8.7 | 7.0 | 6.7 | 7.0 | BAR VB 233 | 3.0 | 9.0 | 7.7 | 4.3 | 6.0 |
| FORTUNA | 6.0 | 8.7 | 7.3 | 6.0 | 7.0 | WILDWOOD | 3.7 | 8.3 | 6.3 | 5.7 | 6.0 |
| CLASSIC | 4.7 | 7.3 | 8.3 | 7.3 | 6.9 | COVENTRY | 4.3 | 8.0 | 6.3 | 5.3 | 6.0 |
| NJ 1190 | 5.3 | 8.7 | 7.7 | 6.0 | 6.9 | NORTH STAR (PST-A7-60) | 3.3 | 9.0 | 5.7 | 5.7 | 5.9 |
| ABBAY | 6.7 | 7.0 | 7.0 | 6.7 | 6.8 | PLATINI | 3.7 | 8.3 | 7.7 | 4.0 | 5.9 |
| BA 81-113 | 5.3 | 8.3 | 8.0 | 5.7 | 6.8 | BA 77-702 | 5.7 | 5.3 | 5.7 | 6.7 | 5.8 |
| IMPACT (J-1576) | 5.0 | 8.0 | 8.3 | 6.0 | 6.8 | LKB-95 | 4.3 | 7.7 | 5.7 | 5.7 | 5.8 |
| SIDEKICK | 6.3 | 8.3 | 5.0 | 7.7 | 6.8 | SRX 2205 | 3.7 | 8.3 | 5.7 | 5.7 | 5.8 |

TABLE 37. DOLLAR SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1998 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE

| NAME | IN1 | NC1 | NE1 | VA1 | MEAN |
|--------------------|------|------|------|------|------|
| KENBLUE | 5.3 | 8.0 | 4.3 | 5.7 | 5.8 |
| MED-1580 | 4.0 | 8.0 | 6.3 | 4.7 | 5.8 |
| RAMBO (J-2579) | 4.0 | 7.0 | 6.7 | 5.0 | 5.7 |
| PRINCETON 105 | 4.3 | 7.3 | 7.0 | 4.0 | 5.7 |
| HV 242 | 3.7 | 7.0 | 6.7 | 4.0 | 5.3 |
| CONNI | 4.0 | 7.7 | 5.3 | 4.0 | 5.3 |
| LIPOA | 6.0 | 8.0 | 4.3 | 2.7 | 5.3 |
| ZPS-309 | 3.3 | 6.7 | 5.7 | 5.3 | 5.3 |
| BAR VB 5649 | 2.7 | 6.7 | 6.3 | 5.0 | 5.2 |
| LIMOUSINE | 3.0 | 7.7 | 6.0 | 4.0 | 5.2 |
| BARTITIA | 3.3 | 8.0 | 5.0 | 4.0 | 5.1 |
| PEPAYA (DP 37-192) | 4.3 | 8.7 | 3.0 | 3.3 | 4.8 |
| BARUZO | 3.0 | 8.3 | 3.7 | 4.0 | 4.8 |
| SODNET | 3.0 | 6.7 | 4.7 | 3.7 | 4.5 |
| BAR VB 6820 | 2.3 | 7.3 | 3.3 | 2.7 | 3.9 |
| LSD VALUE | 1.7 | 2.0 | 2.3 | 2.2 | 1.0 |
| C.V. (%) | 20.4 | 16.0 | 19.0 | 23.3 | 19.5 |

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

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

TABLE 38. STRIPE SMUT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1998 DATA

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

| NAME | NJ2 | NAME | NJ2 |
|-----------------------|-----|--------------------------|-----|
| ALLURE | 9.0 | MOONLIGHT (PST-A418) | 9.0 |
| AMERICA | 9.0 | NJ 1190 | 9.0 |
| APOLLO (PST-B3-180) | 9.0 | NJ-54 | 9.0 |
| ARCADIA (J-1936) | 9.0 | NJ-GD | 9.0 |
| ASCOT | 9.0 | NORTH STAR (PST-A7-60) | 9.0 |
| AWARD | 9.0 | NUGLADE | 9.0 |
| EA 75-163 | 9.0 | NUSTAR | 9.0 |
| EA 75-490 | 9.0 | ODYSSEY (J-1561) | 9.0 |
| EA 76-197 | 9.0 | PEPAYA (DP 37-192) | 9.0 |
| EA 81-058 | 9.0 | PICK 8 | 9.0 |
| EA 81-270 | 9.0 | PICK-855 | 9.0 |
| EAR VB 233 | 9.0 | PLATINI | 9.0 |
| EAR VB 3115B | 9.0 | PRINCETON 105 | 9.0 |
| EAR VB 5649 | 9.0 | PST-BO-165 | 9.0 |
| EAR VB 6820 | 9.0 | PST-P46 | 9.0 |
| EARNIE | 9.0 | RAMBO (J-2579) | 9.0 |
| EARTITIA | 9.0 | RUGBY II (MED-18) | 9.0 |
| EARUZO | 9.0 | SEABRING (BA 79-260) | 9.0 |
| ELACKSBURG | 9.0 | SHAMROCK | 9.0 |
| ELACKSTONE (PST-638) | 9.0 | SHOWCASE (PST-BO-141) | 9.0 |
| ERILLIANT (PST-B2-42) | 9.0 | SIDEKICK | 9.0 |
| CARDIFF | 9.0 | SODNET | 9.0 |
| CHALLENGER | 9.0 | SR 2000 | 9.0 |
| CHAMPAGNE (LTP-621) | 9.0 | SR 2109 | 9.0 |
| CHATEAU | 9.0 | SRX 2205 | 9.0 |
| CHICAGO (J-2582) | 9.0 | TOTAL ECLIPSE (TCR-1738) | 9.0 |
| CLASSIC | 9.0 | UNIQUE | 9.0 |
| COMPACT | 9.0 | WILDWOOD | 9.0 |
| CONNI | 9.0 | ZPS-2183 | 9.0 |
| COVENTRY | 9.0 | ZPS-309 | 9.0 |
| ECLIPSE | 9.0 | QUANTUM LEAP (J-1567) | 8.3 |
| GLADE | 9.0 | HAGA | 7.7 |
| H86-690 | 9.0 | SERENE (PST-A7-245A) | 7.7 |
| HV 242 | 9.0 | CALIBER | 7.3 |
| IMPACT (J-1576) | 9.0 | A88-744 | 7.0 |
| JEFFERSON | 9.0 | EXPLORER (PICK-3561) | 6.7 |
| JEWEL (BA 81-227) | 9.0 | LIBERATOR (ZPS-2572) | 6.7 |
| KENBLUE | 9.0 | NIMBUS | 6.3 |
| LIPOA | 9.0 | J-1555 | 6.0 |
| LIVINGSTON | 9.0 | MED-1580 | 5.3 |
| LKB-95 | 9.0 | DRAGON (ZPS-429) | 5.0 |
| LTP-620 | 9.0 | LIMOUSINE | 5.0 |
| MIDNIGHT | 9.0 | VB 16015 | 4.7 |
| MISTY (BA 76-372) | 9.0 | ABSOLUTE (MED-1497) | 3.7 |

TABLE 38. STRIPE SMUT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 (CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
 1998 DATA

STRIPE SMUT RATINGS 1-9; 9=NO DISEASE

| NAME | NJ2 |
|----------------------|-----|
| SR 2100 | 3.0 |
| ABBAY | 2.3 |
| ASP200 (HV 130) | 2.3 |
| BA 73-373 | 2.0 |
| BA 81-113 | 2.0 |
| ENVICTA (BA 75-173) | 1.7 |
| RAVEN | 1.7 |
| BA 77-702 | 1.3 |
| BA 81-220 | 1.3 |
| FORTUNA | 1.3 |
| GOLDRUSH (BA 87-102) | 1.3 |
| BA 70-060 | 1.0 |
| BARON | 1.0 |
| BLUECHIP (MED-1991) | 1.0 |
| MARQUIS | 1.0 |
| LSD VALUE | 1.2 |
| C.V. (%) | 9.7 |

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).

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

TABLE 39.

BILLBUG RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1998 DATA

BILLBUG RATINGS 1-9; 9=NO DAMAGE 2/

| NAME | KS1 | NJ2 | MEAN | NAME | KS1 | NJ2 | MEAN |
|--------------------------|-----|-----|------|----------------------|-----|-----|------|
| SRX 2205 | 7.0 | 6.3 | 6.7 | EXPLORER (PICK-3561) | 4.3 | 5.3 | 4.8 |
| BLACKSTONE (PST-638) | 6.0 | 7.0 | 6.5 | H86-690 | 4.3 | 5.3 | 4.8 |
| BRILLIANT (PST-B2-42) | 6.3 | 6.7 | 6.5 | NJ-GD | 3.3 | 6.3 | 4.8 |
| MOONLIGHT (PST-A418) | 4.7 | 8.3 | 6.5 | ODYSSEY (J-1561) | 3.3 | 6.3 | 4.8 |
| UNIQUE | 7.0 | 5.7 | 6.3 | SR 2000 | 5.3 | 4.3 | 4.8 |
| WILLWOOD | 6.0 | 6.7 | 6.3 | BA 70-060 | 4.7 | 4.7 | 4.7 |
| APOLLO (PST-B3-180) | 6.3 | 5.7 | 6.0 | BA 75-490 | 3.3 | 6.0 | 4.7 |
| QUANTUM LEAP (J-1567) | 5.0 | 7.0 | 6.0 | BA 81-113 | 4.7 | 4.7 | 4.7 |
| SHOWCASE (PST-BO-141) | 6.0 | 6.0 | 6.0 | LIVINGSTON | 3.7 | 5.7 | 4.7 |
| SR 2109 | 5.3 | 6.7 | 6.0 | PRINCETON 105 | 3.3 | 6.0 | 4.7 |
| BAR VB 6820 | 4.0 | 7.7 | 5.8 | ALLURE | 3.0 | 6.3 | 4.7 |
| MIDNIGHT | 4.0 | 7.7 | 5.8 | BA 75-163 | 4.0 | 5.3 | 4.7 |
| AMERICA | 5.3 | 6.3 | 5.8 | BA 81-270 | 4.0 | 5.3 | 4.7 |
| NORTH STAR (PST-A7-60) | 5.7 | 5.7 | 5.7 | IMPACT (J-1576) | 4.0 | 5.3 | 4.7 |
| BA 76-197 | 4.3 | 6.7 | 5.5 | LKB-95 | 4.3 | 5.0 | 4.7 |
| BARTITIA | 5.0 | 6.0 | 5.5 | ABBAY | 5.0 | 4.0 | 4.5 |
| CHATEAU | 3.7 | 7.3 | 5.5 | ARCADIA (J-1936) | 4.0 | 5.0 | 4.5 |
| CONNI | 4.0 | 7.0 | 5.5 | BA 73-373 | 4.3 | 4.7 | 4.5 |
| LIPOA | 4.3 | 6.7 | 5.5 | BA 77-702 | 4.7 | 4.3 | 4.5 |
| MISTY (BA 76-372) | 4.3 | 6.7 | 5.5 | COVENTRY | 4.0 | 5.0 | 4.5 |
| PICK-855 | 4.7 | 6.3 | 5.5 | JEWEL (BA 81-227) | 4.0 | 5.0 | 4.5 |
| TOTAL ECLIPSE (TCR-1738) | 4.7 | 6.3 | 5.5 | KENBLUE | 3.0 | 6.0 | 4.5 |
| ZPS-2183 | 5.0 | 6.0 | 5.5 | NUSTAR | 4.0 | 5.0 | 4.5 |
| SEABRING (BA 79-260) | 4.0 | 6.7 | 5.3 | PEPAYA (DP 37-192) | 3.3 | 5.7 | 4.5 |
| JEFFERSON | 3.3 | 7.3 | 5.3 | RUGBY II (MED-18) | 4.0 | 5.0 | 4.5 |
| AWARD | 3.7 | 6.7 | 5.2 | SERENE (PST-A7-245A) | 4.0 | 5.0 | 4.5 |
| BA 81-058 | 4.0 | 6.3 | 5.2 | BA 81-220 | 4.7 | 4.0 | 4.3 |
| BLACKSBURG | 5.3 | 5.0 | 5.2 | BARON | 4.7 | 4.0 | 4.3 |
| CHALLENGER | 4.3 | 6.0 | 5.2 | CALIBER | 4.0 | 4.7 | 4.3 |
| COMPACT | 4.3 | 6.0 | 5.2 | FORTUNA | 4.0 | 4.7 | 4.3 |
| LIBERATOR (ZPS-2572) | 4.0 | 6.3 | 5.2 | CHICAGO (J-2582) | 3.7 | 5.0 | 4.3 |
| MARQUIS | 5.3 | 5.0 | 5.2 | NJ-54 | 3.3 | 5.3 | 4.3 |
| NJ 1190 | 4.0 | 6.3 | 5.2 | RAVEN | 4.3 | 4.3 | 4.3 |
| PICK 8 | 6.0 | 4.3 | 5.2 | SHAMROCK | 3.7 | 5.0 | 4.3 |
| PST-P46 | 5.0 | 5.3 | 5.2 | SR 2100 | 4.3 | 4.3 | 4.3 |
| ASCOT | 4.3 | 5.7 | 5.0 | BAR VB 5649 | 4.7 | 3.7 | 4.2 |
| CARDIFF | 3.7 | 6.3 | 5.0 | BARUZO | 3.3 | 5.0 | 4.2 |
| LIMOUSINE | 4.7 | 5.3 | 5.0 | ECLIPSE | 3.3 | 5.0 | 4.2 |
| NUGLADE | 3.3 | 6.7 | 5.0 | RAMBO (J-2579) | 3.7 | 4.7 | 4.2 |
| SIDEKICK | 4.0 | 6.0 | 5.0 | NIMBUS | 4.3 | 4.0 | 4.2 |
| DRAGON (ZPS-429) | 4.0 | 5.7 | 4.8 | SODNET | 4.3 | 4.0 | 4.2 |
| PST-BO-165 | 4.0 | 5.7 | 4.8 | A88-744 | 3.3 | 4.7 | 4.0 |
| BAR VB 3115B | 4.3 | 5.3 | 4.8 | ABSOLUTE (MED-1497) | 3.0 | 5.0 | 4.0 |
| ENVICTA (BA 75-173) | 5.3 | 4.3 | 4.8 | BLUECHIP (MED-1991) | 4.0 | 4.0 | 4.0 |

TABLE 39. BILLBUG RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1998 DATA

BILLBUG RATINGS 1-9; 9=NO DAMAGE

| NAME | KS1 | NJ2 | MEAN |
|----------------------|------|------|------|
| GLADE | 4.3 | 3.7 | 4.0 |
| GOLDRUSH (BA 87-102) | 4.3 | 3.7 | 4.0 |
| J-1555 | 3.3 | 4.7 | 4.0 |
| MED-1580 | 3.7 | 4.3 | 4.0 |
| PLATINI | 4.7 | 3.0 | 3.8 |
| VB 16015 | 3.0 | 4.7 | 3.8 |
| BAR VB 233 | 4.7 | 2.7 | 3.7 |
| LTP-620 | 3.3 | 4.0 | 3.7 |
| ASP200 (HV 130) | 4.3 | 3.0 | 3.7 |
| HAGA | 3.0 | 4.3 | 3.7 |
| CHAMPAGNE (LTP-621) | 3.3 | 3.7 | 3.5 |
| ZPS-309 | 4.3 | 2.7 | 3.5 |
| HV 242 | 4.0 | 2.7 | 3.3 |
| CLASSIC | 3.0 | 3.3 | 3.2 |
| BARONIE | 3.7 | 2.7 | 3.2 |
| LSD VALUE | 1.3 | 2.5 | 1.4 |
| C.V. (%) | 19.4 | 29.7 | 26.2 |

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

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

TABLE 40. SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1998 DATA

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

| NAME | NC1 | NAME | NC1 |
|-----------------------|-----|--------------------------|-----|
| NUSTAR | 7.7 | NJ 1190 | 5.7 |
| LKB-95 | 7.3 | NJ-54 | 5.7 |
| BA 81-113 | 7.0 | PRINCETON 105 | 5.7 |
| BLACKSTONE (PST-638) | 7.0 | RAMBO (J-2579) | 5.7 |
| CONNIE | 7.0 | CHALLENGER | 5.3 |
| NJ-GD | 7.0 | CHICAGO (J-2582) | 5.3 |
| SR 2100 | 7.0 | ECLIPSE | 5.3 |
| WILDWOOD | 7.0 | H86-690 | 5.3 |
| BA 70-060 | 6.7 | LIPOA | 5.3 |
| BARONIE | 6.7 | MED-1580 | 5.3 |
| IMPACT (J-1576) | 6.7 | NUGLADE | 5.3 |
| LTP-620 | 6.7 | PICK-855 | 5.3 |
| ABBAY | 6.3 | SHAMROCK | 5.3 |
| BARUZO | 6.3 | ZPS-309 | 5.3 |
| CALIBER | 6.3 | ABSOLUTE (MED-1497) | 5.0 |
| CLASSIC | 6.3 | BA 73-373 | 5.0 |
| ENVICTA (BA 75-173) | 6.3 | BA 76-197 | 5.0 |
| EXPLORER (PICK-3561) | 6.3 | BAR VB 5649 | 5.0 |
| FORTUNA | 6.3 | BARON | 5.0 |
| JEWEL (BA 81-227) | 6.3 | J-1555 | 5.0 |
| LIMOUSINE | 6.3 | MIDNIGHT | 5.0 |
| PEPAYA (DP 37-192) | 6.3 | ODYSSEY (J-1561) | 5.0 |
| SHOWCASE (PST-BO-141) | 6.3 | PICK 8 | 5.0 |
| VB 16015 | 6.3 | PST-P46 | 5.0 |
| AMERICA | 6.0 | RUGBY II (MED-18) | 5.0 |
| APOLLO (PST-B3-180) | 6.0 | SR 2000 | 5.0 |
| GOLDRUSH (BA 87-102) | 6.0 | SRX 2205 | 5.0 |
| KENBLUE | 6.0 | UNIQUE | 5.0 |
| LIBERATOR (ZPS-2572) | 6.0 | ASP200 (HV 130) | 4.7 |
| MARQUIS | 6.0 | BA 81-058 | 4.7 |
| PLATINI | 6.0 | BA 81-270 | 4.7 |
| PST-BO-165 | 6.0 | BAR VB 3115B | 4.7 |
| A88-744 | 5.7 | BAR VB 6820 | 4.7 |
| ALLURE | 5.7 | CARDIFF | 4.7 |
| AWARD | 5.7 | CHAMPAGNE (LTP-621) | 4.7 |
| BA 75-490 | 5.7 | GLADE | 4.7 |
| BAR VB 233 | 5.7 | LIVINGSTON | 4.7 |
| BARTITIA | 5.7 | QUANTUM LEAP (J-1567) | 4.7 |
| BLACKSBURG | 5.7 | SIDEKICK | 4.7 |
| BRILLIANT (PST-B2-42) | 5.7 | TOTAL ECLIPSE (TCR-1738) | 4.7 |
| CHATEAU | 5.7 | ARCADIA (J-1936) | 4.3 |
| COMPACT | 5.7 | ASCOT | 4.3 |
| DRAGON (ZPS-429) | 5.7 | COVENTRY | 4.3 |
| MOONLIGHT (PST-A418) | 5.7 | HAGA | 4.3 |

TABLE 40. SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 (CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
 1998 DATA

SUMMER PATCH RATINGS 1-9; 9=NO DISEASE

| NAME | NC1 |
|------------------------|------|
| RAVEN | 4.3 |
| SR 2109 | 4.3 |
| BA 81-220 | 4.0 |
| BLUECHIP (MED-1991) | 4.0 |
| MISTY (BA 76-372) | 4.0 |
| NIMBUS | 4.0 |
| NORTH STAR (PST-A7-60) | 4.0 |
| SEABRING (BA 79-260) | 4.0 |
| SERENE (PST-A7-245A) | 4.0 |
| ZPS-2183 | 4.0 |
| HV 242 | 3.7 |
| JEFFERSON | 3.7 |
| SODNET | 3.7 |
| BA 75-163 | 3.3 |
| BA 77-702 | 3.3 |
| LSD VALUE | 3.0 |
| C.V. (%) | 35.3 |

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

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

TABLE 41. PERCENT SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
 GROWN UNDER MEDIUM/HIGH INPUT 2/
 1998 DATA

| NAME | NJ1 | NAME | NJ1 |
|----------------------|------|--------------------------|------|
| BARUZO | 92.7 | SERENE (PST-A7-245A) | 33.3 |
| PEPAYA (DP 37-192) | 86.0 | ALLURE | 31.7 |
| BA 81-113 | 81.7 | MED-1580 | 31.7 |
| SODNET | 81.3 | NJ-54 | 30.0 |
| LIPOA | 81.0 | SHAMROCK | 30.0 |
| CARDIFF | 75.0 | BA 81-270 | 28.3 |
| BARTITIA | 74.3 | EXPLORER (PICK-3561) | 28.3 |
| ASCOT | 71.7 | LIVINGSTON | 28.3 |
| ASP200 (HV 130) | 71.7 | MARQUIS | 28.3 |
| SEABRING (BA 79-260) | 66.7 | RAVEN | 28.3 |
| BA 76-197 | 65.0 | ARCADIA (J-1936) | 27.3 |
| MISTY (BA 76-372) | 65.0 | A88-744 | 26.7 |
| ABSOLUTE (MED-1497) | 61.7 | CLASSIC | 26.7 |
| J-1555 | 60.0 | COVENTRY | 26.7 |
| COMPACT | 56.7 | TOTAL ECLIPSE (TCR-1738) | 26.7 |
| BA 75-163 | 55.0 | ABBNEY | 25.0 |
| LKB-95 | 55.0 | HAGA | 25.0 |
| PST-BO-165 | 55.0 | BAR VB 6820 | 23.3 |
| VB 16015 | 53.3 | RAMBO (J-2579) | 23.3 |
| PST-P46 | 51.7 | ZPS-309 | 23.3 |
| ENVICTA (BA 75-173) | 50.0 | AWARD | 23.0 |
| H86-690 | 50.0 | BAR VB 3115B | 21.7 |
| KENBLUE | 50.0 | NJ-GD | 21.7 |
| SRX 2205 | 50.0 | BARONIE | 20.7 |
| CHALLENGER | 48.3 | HV 242 | 19.7 |
| NJ 1190 | 48.3 | BA 77-702 | 18.3 |
| WILDWOOD | 48.3 | APOLLO (PST-B3-180) | 17.3 |
| BA 73-373 | 46.7 | JEWEL (BA 81-227) | 17.3 |
| CHATEAU | 43.3 | QUANTUM LEAP (J-1567) | 17.3 |
| LTP-620 | 43.3 | BA 75-490 | 16.7 |
| SIDEKICK | 43.3 | BLACKSBURG | 16.7 |
| BA 81-220 | 41.7 | UNIQUE | 16.0 |
| GOLDRUSH (BA 87-102) | 41.7 | CALIBER | 15.7 |
| PICK-855 | 41.7 | DRAGON (ZPS-429) | 15.7 |
| SR 2109 | 41.7 | BLACKSTONE (PST-638) | 15.0 |
| FORTUNA | 40.0 | ECLIPSE | 15.0 |
| BA 70-060 | 38.3 | NUGLADE | 15.0 |
| BARON | 38.3 | RUGBY II (MED-18) | 15.0 |
| BLUECHIP (MED-1991) | 38.3 | AMERICA | 14.0 |
| NIMBUS | 36.7 | BAR VB 233 | 14.0 |
| IMPACT (J-1576) | 35.3 | ZPS-2183 | 14.0 |
| BA 81-058 | 35.0 | CHAMPAGNE (LTP-621) | 13.3 |
| CHICAGO (J-2582) | 33.3 | BAR VB 5649 | 11.7 |
| CONNI | 33.3 | SR 2000 | 11.0 |

TABLE 41. PERCENT SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 (CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
 1998 DATA

| NAME | NJ1 |
|------------------------|------|
| MOONLIGHT (PST-A418) | 10.7 |
| SR 2100 | 10.7 |
| LIMOUSINE | 9.3 |
| MIDNIGHT | 9.0 |
| NUSTAR | 9.0 |
| SHOWCASE (PST-BO-141) | 8.3 |
| LIBERATOR (ZPS-2572) | 7.7 |
| BRILLIANT (PST-B2-42) | 7.3 |
| ODYSSEY (J-1561) | 5.7 |
| GLADE | 5.3 |
| PICK 8 | 4.7 |
| JEFFERSON | 4.3 |
| PLATINI | 4.3 |
| NORTH STAR (PST-A7-60) | 3.0 |
| PRINCETON 105 | 3.0 |
| LSD VALUE | 28.2 |
| C.V. (%) | 52.8 |

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

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

TABLE 42. PERCENT FUNGAL DISEASE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
 GROWN UNDER MEDIUM/HIGH INPUT 2/
 1998 DATA

| NAME | KY1 | NAME | KY1 |
|------------------------|------|-----------------------|------|
| PEPAYA (DP 37-192) | 96.0 | BAR VB 3115B | 18.7 |
| BARUZO | 83.3 | PICK 8 | 18.7 |
| LIPOA | 82.3 | GOLDRUSH (BA 87-102) | 17.7 |
| SODNET | 82.3 | ODYSSEY (J-1561) | 17.7 |
| BARTITIA | 79.0 | BA 76-197 | 16.7 |
| NJ 1190 | 71.0 | H86-690 | 16.3 |
| BAR VB 6820 | 65.7 | BA 70-060 | 15.3 |
| CONNI | 65.0 | BA 73-373 | 15.3 |
| SR 2109 | 64.0 | NUGLADE | 15.3 |
| SRX 2205 | 55.7 | PST-BO-165 | 15.3 |
| BAR VB 5649 | 44.0 | BARON | 14.7 |
| LIMOUSINE | 43.7 | LIBERATOR (ZPS-2572) | 14.7 |
| CARDIFF | 42.3 | NIMBUS | 14.3 |
| ABSOLUTE (MED-1497) | 40.7 | RAVEN | 14.3 |
| PST-P46 | 40.7 | BA 81-220 | 13.7 |
| SR 2100 | 36.7 | ENVICTA (BA 75-173) | 13.3 |
| BLACKSTONE (PST-638) | 35.0 | KENBLUE | 13.3 |
| LKB-95 | 35.0 | ALLURE | 13.0 |
| WILDWOOD | 34.7 | MED-1580 | 13.0 |
| ASP200 (HV 130) | 34.3 | ARCADIA (J-1936) | 12.3 |
| ZPS-309 | 32.7 | ABBEY | 12.0 |
| COMPACT | 31.7 | DRAGON (ZPS-429) | 11.7 |
| HV 242 | 31.3 | IMPACT (J-1576) | 10.7 |
| VB 16015 | 30.0 | NUSTAR | 10.7 |
| BAR VB 233 | 28.7 | BA 75-490 | 10.0 |
| BLUECHIP (MED-1991) | 28.7 | FORTUNA | 10.0 |
| PLATINI | 28.0 | LIVINGSTON | 10.0 |
| COVENTRY | 27.7 | SERENE (PST-A7-245A) | 10.0 |
| ZPS-2183 | 27.3 | A88-744 | 9.3 |
| MISTY (BA 76-372) | 27.0 | CALIBER | 9.3 |
| BA 81-270 | 25.7 | BA 81-058 | 9.0 |
| PICK-855 | 25.7 | CLASSIC | 9.0 |
| CHALLENGER | 25.0 | BA 81-113 | 8.7 |
| JEWEL (BA 81-227) | 24.7 | J-1555 | 8.7 |
| ASCOT | 24.3 | MARQUIS | 8.7 |
| LTP-620 | 24.3 | SIDEKICK | 8.0 |
| RAMBO (J-2579) | 23.3 | BRILLIANT (PST-B2-42) | 7.0 |
| CHATEAU | 23.0 | ECLIPSE | 7.0 |
| SEABRING (BA 79-260) | 23.0 | MIDNIGHT | 7.0 |
| EXPLORER (PICK-3561) | 22.0 | SR 2000 | 6.7 |
| NJ-54 | 22.0 | APOLLO (PST-B3-180) | 6.3 |
| NORTH STAR (PST-A7-60) | 22.0 | BA 77-702 | 6.3 |
| BLACKSBURG | 21.0 | MOONLIGHT (PST-A418) | 6.0 |
| SHAMROCK | 20.0 | BARONIE | 5.7 |
| CHICAGO (J-2582) | 19.7 | HAGA | 5.7 |

TABLE 42. PERCENT FUNGAL DISEASE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 (CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
 1998 DATA

| NAME | KY1 |
|--------------------------|------|
| BA 75-163 | 5.0 |
| CHAMPAGNE (LTP-621) | 5.0 |
| NJ-GD | 5.0 |
| PRINCETON 105 | 5.0 |
| AWARD | 4.7 |
| RUGBY II (MED-18) | 4.7 |
| JEFFERSON | 3.7 |
| QUANTUM LEAP (J-1567) | 3.7 |
| TOTAL ECLIPSE (TCR-1738) | 3.7 |
| GLADE | 2.7 |
| SHOWCASE (PST-BO-141) | 2.0 |
| AMERICA | 1.7 |
| UNIQUE | 1.7 |
| LSD VALUE | 22.5 |
| C.V. (%) | 61.7 |

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).

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

TABLE 43. NECROTIC RING SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1998 DATA

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

| NAME | PA1 | NAME | PA1 |
|-----------------------|-----|--------------------------|-----|
| A88-744 | 9.0 | KENBLUE | 9.0 |
| ABBAY | 9.0 | LIBERATOR (ZPS-2572) | 9.0 |
| ALLURE | 9.0 | LIPOA | 9.0 |
| AMERICA | 9.0 | LIVINGSTON | 9.0 |
| APOLLO (PST-B3-180) | 9.0 | LKB-95 | 9.0 |
| ARCADIA (J-1936) | 9.0 | LTP-620 | 9.0 |
| ASCOT | 9.0 | MARQUIS | 9.0 |
| AWARD | 9.0 | MED-1580 | 9.0 |
| BA 70-060 | 9.0 | MIDNIGHT | 9.0 |
| BA 73-373 | 9.0 | MISTY (BA 76-372) | 9.0 |
| BA 75-163 | 9.0 | MOONLIGHT (PST-A418) | 9.0 |
| BA 75-490 | 9.0 | NIMBUS | 9.0 |
| BA 76-197 | 9.0 | NJ 1190 | 9.0 |
| BA 77-702 | 9.0 | NJ-54 | 9.0 |
| BA 81-058 | 9.0 | NJ-GD | 9.0 |
| BA 81-113 | 9.0 | NORTH STAR (PST-A7-60) | 9.0 |
| BA 81-220 | 9.0 | NUGLADE | 9.0 |
| BA 81-270 | 9.0 | NUSTAR | 9.0 |
| BAR VB 3115B | 9.0 | ODYSSEY (J-1561) | 9.0 |
| BARON | 9.0 | PICK 8 | 9.0 |
| BARTITIA | 9.0 | PRINCETON 105 | 9.0 |
| BLACKSBURG | 9.0 | PST-BO-165 | 9.0 |
| BLACKSTONE (PST-638) | 9.0 | PST-P46 | 9.0 |
| BLUECHIP (MED-1991) | 9.0 | QUANTUM LEAP (J-1567) | 9.0 |
| BRILLIANT (PST-B2-42) | 9.0 | RAMBO (J-2579) | 9.0 |
| CARDIFF | 9.0 | RAVEN | 9.0 |
| CHALLENGER | 9.0 | RUGBY II (MED-18) | 9.0 |
| CHAMPAGNE (LTP-621) | 9.0 | SERENE (PST-A7-245A) | 9.0 |
| CHATEAU | 9.0 | SHAMROCK | 9.0 |
| CHICAGO (J-2582) | 9.0 | SHOWCASE (PST-BO-141) | 9.0 |
| CLASSIC | 9.0 | SIDEKICK | 9.0 |
| COMPACT | 9.0 | SODNET | 9.0 |
| COVENTRY | 9.0 | SR 2000 | 9.0 |
| DRAGON (ZPS-429) | 9.0 | SR 2100 | 9.0 |
| ECLIPSE | 9.0 | SR 2109 | 9.0 |
| ENVICTA (BA 75-173) | 9.0 | SRX 2205 | 9.0 |
| EXPLORER (PICK-3561) | 9.0 | TOTAL ECLIPSE (TCR-1738) | 9.0 |
| FORTUNA | 9.0 | UNIQUE | 9.0 |
| GLADE | 9.0 | VB 16015 | 9.0 |
| GOLDRUSH (BA 87-102) | 9.0 | WILDWOOD | 9.0 |
| H86-690 | 9.0 | ZPS-2183 | 9.0 |
| HAGA | 9.0 | ABSOLUTE (MED-1497) | 8.7 |
| IMPACT (J-1576) | 9.0 | BARONIE | 8.7 |
| J-1555 | 9.0 | BARUZO | 8.7 |
| JEWEL (BA 81-227) | 9.0 | CALIBER | 8.7 |

TABLE 43. NECROTIC RING SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1998 DATA

NECROTIC RING SPOT RATINGS 1-9; 9=NONE

| NAME | PA1 |
|----------------------|-----|
| CONNI | 8.7 |
| JEFFERSON | 8.7 |
| LIMOUSINE | 8.7 |
| SEABRING (BA 79-260) | 8.3 |
| PLATINI | 8.0 |
| ASP200 (HV 130) | 7.7 |
| BAR VB 5649 | 7.7 |
| ZPS-309 | 7.7 |
| PICK-855 | 6.7 |
| BAR VB 233 | 5.0 |
| BAR VB 6820 | 4.0 |
| HV 242 | 3.3 |
| PEPAYA (DP 37-192) | 2.7 |
| LSD VALUE | 1.0 |
| C.V. (%) | 7.0 |

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

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

TABLE 44. LEAF RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1998 DATA

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

| NAME | NC1 | NAME | NC1 |
|--------------------------|-----|------------------------|-----|
| CHATEAU | 9.0 | KENBLUE | 7.7 |
| LIBERATOR (ZPS-2572) | 9.0 | MARQUIS | 7.7 |
| MOONLIGHT (PST-A418) | 9.0 | MED-1580 | 7.7 |
| ABSOLUTE (MED-1497) | 8.7 | NJ 1190 | 7.7 |
| ALLURE | 8.7 | NUGLADE | 7.7 |
| EA 70-060 | 8.7 | PICK 8 | 7.7 |
| EA 76-197 | 8.7 | RAVEN | 7.7 |
| BARONIE | 8.7 | SEABRING (BA 79-260) | 7.7 |
| BLACKSTONE (PST-638) | 8.7 | ZPS-309 | 7.7 |
| CHAMPAGNE (LTP-621) | 8.7 | CARDIFF | 7.3 |
| LIVINGSTON | 8.7 | CHALLENGER | 7.3 |
| IKB-95 | 8.7 | ENVICTA (BA 75-173) | 7.3 |
| MIDNIGHT | 8.7 | GOLDRUSH (BA 87-102) | 7.3 |
| ODYSSEY (J-1561) | 8.7 | JEWEL (BA 81-227) | 7.3 |
| FLATINI | 8.7 | LTP-620 | 7.3 |
| A88-744 | 8.3 | MISTY (BA 76-372) | 7.3 |
| EA 73-373 | 8.3 | NJ-GD | 7.3 |
| EA 75-490 | 8.3 | NORTH STAR (PST-A7-60) | 7.3 |
| EA 77-702 | 8.3 | SERENE (PST-A7-245A) | 7.3 |
| BAR VB 233 | 8.3 | BAR VB 3115B | 7.0 |
| NUSTAR | 8.3 | BAR VB 5649 | 7.0 |
| BRINCETON 105 | 8.3 | BLUECHIP (MED-1991) | 7.0 |
| EST-BO-165 | 8.3 | COMPACT | 7.0 |
| SODNET | 8.3 | DRAGON (ZPS-429) | 7.0 |
| SR 2000 | 8.3 | ECLIPSE | 7.0 |
| TOTAL ECLIPSE (TCR-1738) | 8.3 | FORTUNA | 7.0 |
| UNIQUE | 8.3 | IMPACT (J-1576) | 7.0 |
| WILDWOOD | 8.3 | LIPOA | 7.0 |
| ABBEY | 8.0 | PICK-855 | 7.0 |
| ARCADIA (J-1936) | 8.0 | QUANTUM LEAP (J-1567) | 7.0 |
| ASP200 (HV 130) | 8.0 | SHAMROCK | 7.0 |
| AWARD | 8.0 | SHOWCASE (PST-BO-141) | 7.0 |
| BARON | 8.0 | SR 2100 | 7.0 |
| BARTITIA | 8.0 | SR 2109 | 7.0 |
| CALIBER | 8.0 | SRX 2205 | 7.0 |
| CLASSIC | 8.0 | APOLLO (PST-B3-180) | 6.7 |
| GLADE | 8.0 | BA 75-163 | 6.7 |
| EST-P46 | 8.0 | BA 81-113 | 6.7 |
| SIDEKICK | 8.0 | BAR VB 6820 | 6.7 |
| EA 81-058 | 7.7 | BARUZO | 6.7 |
| COVENTRY | 7.7 | BLACKSBURG | 6.7 |
| EXPLORER (PICK-3561) | 7.7 | BRILLIANT (PST-B2-42) | 6.7 |
| HAGA | 7.7 | CHICAGO (J-2582) | 6.7 |
| JEFFERSON | 7.7 | J-1555 | 6.7 |

TABLE 44. LEAF RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1998 DATA

LEAF RUST RATINGS 1-9; 9=NO DISEASE

| NAME | NC1 |
|--------------------|------|
| NIMBUS | 6.7 |
| RUGBY II (MED-18) | 6.7 |
| VB 16015 | 6.7 |
| ZPS-2183 | 6.7 |
| AMERICA | 6.3 |
| CONNI | 6.3 |
| HV 242 | 6.3 |
| LIMOUSINE | 6.3 |
| PEPAYA (DP 37-192) | 6.3 |
| RAMBO (J-2579) | 6.3 |
| BA 81-220 | 6.0 |
| H86-690 | 6.0 |
| ASCOT | 5.7 |
| NJ-54 | 5.7 |
| BA 81-270 | 5.3 |
| LSD VALUE | 2.8 |
| C.V. (%) | 23.4 |

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

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

TABLE 45. IRON CHLOROSIS RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1998 DATA

IRON CHLOROSIS RATINGS 1-9; 9=NONE 2/

| NAME | NE1 | NAME | NE1 |
|--------------------------|-----|------------------------|-----|
| AFOLLO (PST-B3-180) | 9.0 | GOLDRUSH (BA 87-102) | 8.3 |
| ASCOT | 9.0 | LKB-95 | 8.3 |
| BA 70-060 | 9.0 | MED-1580 | 8.3 |
| BAR VB 5649 | 9.0 | ODYSSEY (J-1561) | 8.3 |
| BAR VB 6820 | 9.0 | ZPS-2183 | 8.3 |
| BLACKSTONE (PST-638) | 9.0 | ABBEY | 8.0 |
| CARDIFF | 9.0 | ASP200 (HV 130) | 8.0 |
| H86-690 | 9.0 | BLUECHIP (MED-1991) | 8.0 |
| IMPACT (J-1576) | 9.0 | CONNI | 8.0 |
| J-1555 | 9.0 | NIMBUS | 8.0 |
| LIBERATOR (ZPS-2572) | 9.0 | NJ 1190 | 8.0 |
| LIMOUSINE | 9.0 | NORTH STAR (PST-A7-60) | 8.0 |
| LIPOA | 9.0 | RAVEN | 8.0 |
| NUGLADE | 9.0 | ALLURE | 7.7 |
| PEPAYA (DP 37-192) | 9.0 | ARCADIA (J-1936) | 7.7 |
| PICK 8 | 9.0 | BARON | 7.7 |
| RAMBO (J-2579) | 9.0 | CHICAGO (J-2582) | 7.7 |
| RUGBY II (MED-18) | 9.0 | ECLIPSE | 7.7 |
| VB 16015 | 9.0 | ENVICTA (BA 75-173) | 7.7 |
| ABSOLUTE (MED-1497) | 8.7 | HAGA | 7.7 |
| BA 73-373 | 8.7 | HV 242 | 7.7 |
| BA 75-490 | 8.7 | BA 75-163 | 7.3 |
| BARUZO | 8.7 | BA 77-702 | 7.3 |
| BLACKSBURG | 8.7 | BA 81-058 | 7.3 |
| BRILLIANT (PST-B2-42) | 8.7 | CHATEAU | 7.3 |
| FORTUNA | 8.7 | CLASSIC | 7.3 |
| GLADE | 8.7 | DRAGON (ZPS-429) | 7.3 |
| MARQUIS | 8.7 | EXPLORER (PICK-3561) | 7.3 |
| MIDNIGHT | 8.7 | JEFFERSON | 7.3 |
| MOONLIGHT (PST-A418) | 8.7 | NUSTAR | 7.3 |
| NJ-54 | 8.7 | SR 2100 | 7.3 |
| PRINCETON 105 | 8.7 | A88-744 | 7.0 |
| PST-P46 | 8.7 | BA 81-113 | 7.0 |
| QUANTUM LEAP (J-1567) | 8.7 | BAR VB 233 | 7.0 |
| SODNET | 8.7 | CHALLENGER | 7.0 |
| TOTAL ECLIPSE (TCR-1738) | 8.7 | LIVINGSTON | 7.0 |
| WILDWOOD | 8.7 | PLATINI | 7.0 |
| ZPS-309 | 8.7 | PST-BO-165 | 7.0 |
| AMERICA | 8.3 | SR 2000 | 7.0 |
| AWARD | 8.3 | BARONIE | 6.7 |
| BA 81-220 | 8.3 | CHAMPAGNE (LTP-621) | 6.7 |
| BARTITIA | 8.3 | NJ-GD | 6.7 |
| CALIBER | 8.3 | PICK-855 | 6.7 |
| COMPACT | 8.3 | SHOWCASE (PST-BO-141) | 6.7 |

TABLE 45. IRON CHLOROSIS RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1998 DATA

IRON CHLOROSIS RATINGS 1-9; 9=NONE

| NAME | NE1 |
|----------------------|------|
| UNIQUE | 6.3 |
| JEWEL (BA 81-227) | 6.0 |
| LTP-620 | 6.0 |
| SEABRING (BA 79-260) | 6.0 |
| SIDEKICK | 6.0 |
| SR 2109 | 6.0 |
| SRX 2205 | 6.0 |
| BA 81-270 | 5.7 |
| COVENTRY | 5.7 |
| MISTY (BA 76-372) | 5.7 |
| SERENE (PST-A7-245A) | 5.7 |
| BAR VB 3115B | 5.0 |
| BA 76-197 | 4.3 |
| KENBLUE | 3.3 |
| SHAMROCK | 3.0 |
| LSD VALUE | 2.5 |
| C.V. (%) | 19.8 |

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

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

TABLE 46.

PERCENT POA ANNUA RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
 GROWN UNDER MEDIUM/HIGH INPUT 2/
 1998 DATA

| NAME | IL1 | MA1 | MEAN | NAME | IL1 | MA1 | MEAN |
|-----------------------|------|------|------|--------------------------|------|------|------|
| BLUECHIP (MED-1991) | 43.3 | 31.7 | 37.5 | WILDWOOD | 1.7 | 30.0 | 15.8 |
| H86-690 | 13.3 | 61.7 | 37.5 | BAR VB 233 | 8.3 | 23.3 | 15.8 |
| KENBLUE | 3.3 | 66.7 | 35.0 | COMPACT | 8.3 | 21.7 | 15.0 |
| GOLDRUSH (BA 87-102) | 20.0 | 45.0 | 32.5 | SR 2100 | 15.0 | 15.0 | 15.0 |
| SIDEKICK | 10.0 | 53.3 | 31.7 | VB 16015 | 8.3 | 20.0 | 14.2 |
| BARUZO | 5.0 | 56.7 | 30.8 | BARTITIA | 0.0 | 28.3 | 14.2 |
| LTP-620 | 11.7 | 50.0 | 30.8 | MOONLIGHT (PST-A418) | 10.0 | 18.3 | 14.2 |
| SODNET | 16.7 | 43.3 | 30.0 | SHAMROCK | 3.3 | 25.0 | 14.2 |
| ASP200 (HV 130) | 45.0 | 11.7 | 28.3 | BA 81-270 | 5.0 | 21.7 | 13.3 |
| BA 73-373 | 16.7 | 38.3 | 27.5 | PICK 8 | 5.0 | 21.7 | 13.3 |
| SEABRING (BA 79-260) | 11.7 | 43.3 | 27.5 | BAR VB 6820 | 3.3 | 23.3 | 13.3 |
| AWARD | 21.7 | 31.7 | 26.7 | BA 76-197 | 6.7 | 18.3 | 12.5 |
| ECLIPSE | 10.0 | 43.3 | 26.7 | CALIBER | 5.0 | 20.0 | 12.5 |
| MISTY (BA 76-372) | 8.3 | 43.3 | 25.8 | CLASSIC | 5.0 | 20.0 | 12.5 |
| BA 75-163 | 0.0 | 50.0 | 25.0 | PLATINI | 6.7 | 18.3 | 12.5 |
| BARON | 1.7 | 48.3 | 25.0 | RUGBY II (MED-18) | 10.0 | 15.0 | 12.5 |
| JEWEL (BA 81-227) | 5.0 | 45.0 | 25.0 | ZPS-309 | 11.7 | 13.3 | 12.5 |
| MED-1580 | 3.3 | 46.7 | 25.0 | BLACKSTONE (PST-638) | 1.7 | 21.7 | 11.7 |
| SR 2109 | 25.0 | 25.0 | 25.0 | FORTUNA | 1.7 | 21.7 | 11.7 |
| A88-744 | 3.3 | 45.0 | 24.2 | MIDNIGHT | 8.3 | 15.0 | 11.7 |
| ASCOT | 15.0 | 31.7 | 23.3 | SR 2000 | 13.3 | 10.0 | 11.7 |
| PST-P46 | 3.3 | 43.3 | 23.3 | RAVEN | 1.7 | 20.0 | 10.8 |
| MARQUIS | 11.7 | 35.0 | 23.3 | J-1555 | 3.3 | 18.3 | 10.8 |
| BAR VB 5649 | 26.7 | 18.3 | 22.5 | LIBERATOR (ZPS-2572) | 10.0 | 10.7 | 10.3 |
| BLACKSBURG | 15.0 | 30.0 | 22.5 | COVENTRY | 6.7 | 13.7 | 10.2 |
| DRAGON (ZPS-429) | 3.3 | 40.0 | 21.7 | CHAMPAGNE (LTP-621) | 3.3 | 16.7 | 10.0 |
| PICK-855 | 13.3 | 30.0 | 21.7 | EXPLORER (PICK-3561) | 8.3 | 11.7 | 10.0 |
| NJ-GD | 10.0 | 31.7 | 20.8 | BAR VB 3115B | 8.3 | 10.0 | 9.2 |
| BA 70-060 | 6.7 | 35.0 | 20.8 | ODYSSEY (J-1561) | 8.3 | 10.0 | 9.2 |
| BA 75-490 | 6.7 | 35.0 | 20.8 | PEPAYA (DP 37-192) | 1.7 | 16.7 | 9.2 |
| ABBEY | 6.7 | 33.3 | 20.0 | UNIQUE | 13.3 | 5.0 | 9.2 |
| BA 81-220 | 8.3 | 31.7 | 20.0 | CARDIFF | 3.3 | 15.0 | 9.2 |
| BA 77-702 | 3.3 | 35.0 | 19.2 | NORTH STAR (PST-A7-60) | 3.3 | 15.0 | 9.2 |
| NUSTAR | 6.7 | 31.7 | 19.2 | PRINCETON 105 | 6.7 | 11.7 | 9.2 |
| CHICAGO (J-2582) | 28.3 | 8.3 | 18.3 | LIVINGSTON | 1.7 | 15.0 | 8.3 |
| QUANTUM LEAP (J-1567) | 28.3 | 8.3 | 18.3 | LKB-95 | 6.7 | 10.0 | 8.3 |
| ABSOLUTE (MED-1497) | 13.3 | 21.7 | 17.5 | ARCADIA (J-1936) | 10.0 | 5.7 | 7.8 |
| ENVICTA (BA 75-173) | 11.7 | 23.3 | 17.5 | CHALLENGER | 1.7 | 13.3 | 7.5 |
| NJ-54 | 1.7 | 33.3 | 17.5 | HAGA | 5.0 | 10.0 | 7.5 |
| SRX 2205 | 6.7 | 26.7 | 16.7 | HV 242 | 5.0 | 10.0 | 7.5 |
| CHATEAU | 26.7 | 5.3 | 16.0 | IMPACT (J-1576) | 3.3 | 11.7 | 7.5 |
| BA 81-058 | 5.0 | 26.7 | 15.8 | NIMBUS | 3.3 | 11.7 | 7.5 |
| BA 81-113 | 10.0 | 21.7 | 15.8 | NUGLADE | 10.0 | 5.0 | 7.5 |
| LIPOA | 6.7 | 25.0 | 15.8 | TOTAL ECLIPSE (TCR-1738) | 5.0 | 10.0 | 7.5 |

TABLE 46. PERCENT POA ANNUA RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 (CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
 1998 DATA

| NAME | IL1 | MA1 | MEAN |
|-----------------------|-------|------|------|
| BARONIE | 3.3 | 10.0 | 6.7 |
| JEFFERSON | 3.3 | 10.0 | 6.7 |
| SHOWCASE (PST-BO-141) | 5.0 | 8.3 | 6.7 |
| ZPS-2183 | 3.3 | 10.0 | 6.7 |
| RAMBO (J-2579) | 8.3 | 3.3 | 5.8 |
| PST-BO-165 | 0.0 | 11.7 | 5.8 |
| APOLLO (PST-B3-180) | 6.7 | 4.3 | 5.5 |
| SERENE (PST-A7-245A) | 3.3 | 7.7 | 5.5 |
| CONNI | 5.0 | 4.0 | 4.5 |
| NJ 1190 | 5.0 | 4.0 | 4.5 |
| LIMOUSINE | 6.7 | 1.7 | 4.2 |
| BRILLIANT (PST-B2-42) | 3.3 | 4.0 | 3.7 |
| ALLURE | 1.7 | 5.0 | 3.3 |
| GLADE | 1.7 | 5.0 | 3.3 |
| AMERICA | 1.7 | 4.3 | 3.0 |
| LSD VALUE | 14.7 | 17.8 | 11.5 |
| C.V. (%) | 107.0 | 48.9 | 65.1 |

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

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

TABLE 47. WEED COUNTS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1998 DATA

WEED COUNTS MEASURED THE NUMBER OF WEEDS PER SQ. FT. 2/

| NAME | UT1 | NAME | UT1 |
|----------------------|------|--------------------------|-----|
| ENVICTA (BA 75-173) | 12.7 | EXPLORER (PICK-3561) | 4.0 |
| CALIBER | 9.3 | GOLDRUSH (BA 87-102) | 4.0 |
| NJ-Ø | 9.3 | IMPACT (J-1576) | 4.0 |
| ABBEY | 9.0 | PICK 8 | 4.0 |
| CHALLENGER | 8.3 | PST-BO-165 | 4.0 |
| HAGA | 8.3 | BA 81-220 | 3.7 |
| NUSTAR | 8.3 | BARONIE | 3.7 |
| BA 81-113 | 8.0 | BLACKSTONE (PST-638) | 3.7 |
| MOONLIGHT (PST-A418) | 8.0 | ECLIPSE | 3.7 |
| BA 70-060 | 7.3 | JEFFERSON | 3.7 |
| GLADE | 7.3 | LIBERATOR (ZPS-2572) | 3.7 |
| RAVEN | 7.3 | LIMOUSINE | 3.7 |
| ASCOT | 6.7 | LKB-95 | 3.7 |
| BA 81-058 | 6.7 | ODYSSEY (J-1561) | 3.7 |
| CHAMPAGNE (LTP-621) | 6.7 | SRX 2205 | 3.7 |
| A88-744 | 6.3 | CHICAGO (J-2582) | 3.3 |
| CARDIFF | 6.3 | COMPACT | 3.3 |
| DRAGON (ZPS-429) | 6.3 | QUANTUM LEAP (J-1567) | 3.3 |
| KENELUE | 6.3 | SHOWCASE (PST-BO-141) | 3.3 |
| MIDNIGHT | 6.3 | WILDWOOD | 3.3 |
| SR 2100 | 6.3 | ASP200 (HV 130) | 3.0 |
| ZPS-309 | 6.3 | BA 76-197 | 3.0 |
| BA 73-373 | 6.0 | BA 81-270 | 3.0 |
| BARUZO | 5.7 | BLUECHIP (MED-1991) | 3.0 |
| BA 75-490 | 5.3 | BRIGHT (PST-B2-42) | 3.0 |
| MARQUIS | 5.3 | CLASSIC | 3.0 |
| NJ-54 | 5.3 | LIVINGSTON | 3.0 |
| NUGLADE | 5.3 | PICK-855 | 3.0 |
| SEABRING (BA 79-260) | 5.3 | SIDEKICK | 3.0 |
| SHAMROCK | 5.3 | SR 2000 | 3.0 |
| ABSOLUTE (MED-1497) | 5.0 | SR 2109 | 3.0 |
| BA 77-702 | 5.0 | BAR VB 6820 | 2.7 |
| FORTUNA | 5.0 | BARTITIA | 2.7 |
| JEWEL (BA 81-227) | 5.0 | CHATEAU | 2.7 |
| H86-690 | 4.7 | LIPOA | 2.7 |
| NIMBUS | 4.7 | TOTAL ECLIPSE (TCR-1738) | 2.7 |
| RUGBY II (MED-18) | 4.7 | ZPS-2183 | 2.7 |
| SODNET | 4.7 | AMERICA | 2.3 |
| APOLLO (PST-B3-180) | 4.3 | ARCADIA (J-1936) | 2.3 |
| AWARD | 4.3 | BA 75-163 | 2.3 |
| J-1555 | 4.3 | BAR VB 233 | 2.3 |
| LTP-620 | 4.3 | BAR VB 5649 | 2.3 |
| BARON | 4.0 | CONNIE | 2.3 |

TABLE 47. WEED COUNTS OF KENTUCKY BLUEGRASS CULTIVARS
 (CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
 1998 DATA

WEED COUNTS MEASURED THE NUMBER OF WEEDS PER SQ. FT.

| NAME | UT1 |
|------------------------|------|
| MISTY (BA 76-372) | 2.3 |
| SERENE (PST-A7-245A) | 2.3 |
| UNIQUE | 2.3 |
| BAR VB 3115B | 2.0 |
| NJ 1190 | 2.0 |
| VB 16015 | 2.0 |
| HV 242 | 1.7 |
| MED-1580 | 1.7 |
| PLATINI | 1.7 |
| PST-P46 | 1.7 |
| RAMBO (J-2579) | 1.7 |
| BLACKSBURG | 1.3 |
| NORTH STAR (PST-A7-60) | 1.3 |
| PEPAYA (DP 37-192) | 1.3 |
| PRINCETON 105 | 1.3 |
| ALLURE | 1.0 |
| COVENTRY | 1.0 |
| LSD VALUE | 5.0 |
| C.V. (%) | 73.2 |

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

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

TABLE 48. PIAANT HEIGHTS (2 WEEKS AFTER MOWING IN AUGUST) OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT 1/
1998 DATA

| PIAANT HEIGHTS MEASURED IN MILLIMETERS 2/ | | | |
|---|-------|--------------------------|------|
| NAME | OH1 | NAME | OH1 |
| KENBLUE | 118.0 | BA 81-220 | 81.3 |
| NIMBUS | 107.3 | CHAMPAGNE (LTP-621) | 81.3 |
| ASP200 (HV 130) | 103.3 | FORTUNA | 81.3 |
| BA 75-163 | 102.7 | BA 75-490 | 80.7 |
| LTP-620 | 102.0 | A88-744 | 80.3 |
| CALIBER | 100.3 | EXPLORER (PICK-3561) | 80.3 |
| BA 73-373 | 97.0 | ALLURE | 80.0 |
| LKB-95 | 96.0 | ARCADIA (J-1936) | 80.0 |
| RAVEN | 96.0 | PRINCETON 105 | 79.3 |
| MARQUIS | 95.0 | BARUZO | 79.0 |
| PST-P46 | 94.7 | PEPAYA (DP 37-192) | 79.0 |
| COVENTRY | 94.3 | PLATINI | 79.0 |
| H86-690 | 94.0 | CHICAGO (J-2582) | 78.3 |
| NUSTAR | 93.7 | RUGBY II (MED-18) | 78.3 |
| SR 2109 | 93.0 | BA 81-270 | 78.0 |
| JEFFERSON | 91.3 | MIDNIGHT | 77.7 |
| BAR VB 3115B | 90.7 | SERENE (PST-A7-245A) | 77.3 |
| WILDWOOD | 90.7 | DRAGON (ZPS-429) | 76.7 |
| SFX 2205 | 90.3 | TOTAL ECLIPSE (TCR-1738) | 76.7 |
| BA 77-702 | 90.0 | ENVICTA (BA 75-173) | 75.7 |
| BA 81-113 | 90.0 | VB 16015 | 75.7 |
| NJ-54 | 90.0 | GLADE | 75.0 |
| HAGA | 88.7 | J-1555 | 75.0 |
| JEWEL (BA 81-227) | 88.3 | HV 242 | 74.7 |
| MED-1580 | 88.0 | IMPACT (J-1576) | 74.7 |
| ECLIPSE | 87.7 | RAMBO (J-2579) | 74.7 |
| BARON | 87.3 | CHALLENGER | 74.3 |
| SR 2100 | 87.0 | BAR VB 5649 | 73.7 |
| SEABRING (BA 79-260) | 86.7 | BLUECHIP (MED-1991) | 73.7 |
| CIASSIC | 86.3 | PICK-855 | 73.7 |
| BA 70-060 | 85.7 | SIDEKICK | 72.3 |
| AWARD | 84.7 | BAR VB 233 | 71.7 |
| GOLDRUSH (BA 87-102) | 84.7 | MISTY (BA 76-372) | 71.7 |
| SHOWCASE (PST-BO-141) | 84.7 | NORTH STAR (PST-A7-60) | 71.7 |
| BA 76-197 | 84.0 | CARDIFF | 71.3 |
| LIVINGSTON | 84.0 | LIBERATOR (ZPS-2572) | 71.0 |
| QUANTUM LEAP (J-1567) | 84.0 | NJ-GD | 70.7 |
| BARONIE | 83.7 | UNIQUE | 70.7 |
| COMPACT | 82.7 | ZPS-309 | 70.7 |
| ABBAY | 82.0 | BRILLIANT (PST-B2-42) | 70.0 |
| CHATEAU | 82.0 | BAR VB 6820 | 69.7 |
| ODYSSEY (J-1561) | 82.0 | PST-BO-165 | 69.3 |
| NUGLADE | 81.7 | CONNIE | 67.7 |
| SHAMROCK | 81.7 | ABSOLUTE (MED-1497) | 67.3 |
| BA 81-058 | 81.3 | ZPS-2183 | 67.0 |

TABLE 48. PLANT HEIGHTS (2 WEEKS AFTER MOWING IN AUGUST) OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT
1998 DATA

PLANT HEIGHTS MEASURED IN MILLIMETERS

| NAME | OH1 |
|----------------------|------|
| APOLLO (PST-B3-180) | 66.7 |
| NJ 1190 | 66.7 |
| SODNET | 66.3 |
| BLACKSTONE (PST-638) | 66.0 |
| BARTITIA | 64.7 |
| SR 2000 | 64.7 |
| AMERICA | 64.3 |
| ASCOT | 63.0 |
| LIPPOA | 62.0 |
| PICK 8 | 60.7 |
| BLACKSBURG | 60.3 |
| MOONLIGHT (PST-A418) | 60.0 |
| LIMOUSINE | 56.7 |
| LSD VALUE | 21.5 |
| C.V. (%) | 16.7 |

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).

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

TABLE 49.

PERCENT PATCH DISEASE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
GROWN UNDER MEDIUM/HIGH INPUT AT LEXINGTON, KY 2/
1998 DATA

| NAME | JULY | AUGUST | MEAN | NAME | JULY | AUGUST | MEAN |
|------------------------|------|--------|------|-----------------------|------|--------|------|
| PEPAYA (DP 37-192) | 77.3 | 97.7 | 87.5 | PST-BO-165 | 5.7 | 35.7 | 20.7 |
| BARUZO | 60.0 | 91.0 | 75.5 | RAMBO (J-2579) | 16.3 | 25.0 | 20.7 |
| SR 2109 | 47.3 | 80.0 | 63.7 | MARQUIS | 7.3 | 33.0 | 20.2 |
| CONNI | 38.3 | 87.7 | 63.0 | JEWEL (BA 81-227) | 11.0 | 29.0 | 20.0 |
| BARTITIA | 27.3 | 97.3 | 62.3 | GOLDRUSH (BA 87-102) | 9.3 | 29.7 | 19.5 |
| BAR VB 6820 | 29.7 | 94.0 | 61.8 | BA 73-373 | 13.3 | 22.0 | 17.7 |
| SODNET | 24.7 | 96.3 | 60.5 | CHICAGO (J-2582) | 7.3 | 27.7 | 17.5 |
| LIPOA | 22.7 | 96.3 | 59.5 | IMPACT (J-1576) | 6.0 | 27.3 | 16.7 |
| PST-P46 | 43.3 | 71.7 | 57.5 | BA 75-490 | 9.3 | 23.3 | 16.3 |
| SRX 2205 | 21.3 | 87.3 | 54.3 | BA 81-113 | 7.3 | 24.3 | 15.8 |
| CARDIFF | 16.3 | 85.0 | 50.7 | BAR VB 233 | 14.3 | 17.3 | 15.8 |
| NJ 1190 | 19.3 | 76.3 | 47.8 | CALIBER | 9.0 | 22.3 | 15.7 |
| ZPS-2183 | 20.3 | 73.3 | 46.8 | BA 70-060 | 10.3 | 19.3 | 14.8 |
| COMPACT | 23.3 | 59.0 | 41.2 | ALLURE | 10.3 | 19.0 | 14.7 |
| ASP200 (HV 130) | 15.7 | 65.7 | 40.7 | ODYSSEY (J-1561) | 6.3 | 22.7 | 14.5 |
| HV 242 | 27.3 | 54.0 | 40.7 | EXPLORER (PICK-3561) | 10.7 | 17.7 | 14.2 |
| ZPS-309 | 16.7 | 63.3 | 40.0 | FORTUNA | 5.7 | 21.7 | 13.7 |
| LKB-95 | 6.0 | 71.7 | 38.8 | DRAGON (ZPS-429) | 4.7 | 21.7 | 13.2 |
| WILDWOOD | 12.3 | 65.0 | 38.7 | RAVEN | 7.3 | 18.3 | 12.8 |
| LIMOUSINE | 13.7 | 62.0 | 37.8 | CLASSIC | 10.7 | 14.0 | 12.3 |
| VB 16015 | 18.7 | 55.0 | 36.8 | J-1555 | 4.7 | 20.0 | 12.3 |
| ABSOLUTE (MED-1497) | 26.3 | 46.7 | 36.5 | BAR VB 3115B | 12.0 | 11.7 | 11.8 |
| MISTY (BA 76-372) | 31.0 | 42.0 | 36.5 | ENVICTA (BA 75-173) | 3.3 | 20.3 | 11.8 |
| BAR VB 5649 | 20.7 | 49.0 | 34.8 | MED-1580 | 3.3 | 20.3 | 11.8 |
| BLACKSEURG | 11.3 | 58.0 | 34.7 | APOLLO (PST-B3-180) | 6.3 | 17.0 | 11.7 |
| PICK-855 | 7.7 | 60.0 | 33.8 | HAGA | 11.3 | 12.0 | 11.7 |
| PLATINI | 36.3 | 26.7 | 31.5 | LIBERATOR (ZPS-2572) | 4.0 | 18.3 | 11.2 |
| BA 81-270 | 22.3 | 39.7 | 31.0 | NUSTAR | 4.0 | 18.3 | 11.2 |
| SR 2100 | 16.7 | 44.0 | 30.3 | ECLIPSE | 4.7 | 17.3 | 11.0 |
| CHATEAU | 17.3 | 41.7 | 29.5 | ABBAY | 7.0 | 14.0 | 10.5 |
| SEABRING (BA 79-260) | 22.7 | 33.7 | 28.2 | BA 81-058 | 6.0 | 15.0 | 10.5 |
| COVENTRY | 20.3 | 35.0 | 27.7 | MOONLIGHT (PST-A418) | 11.7 | 9.0 | 10.3 |
| BA 76-197 | 8.0 | 46.7 | 27.3 | BA 81-220 | 7.3 | 13.0 | 10.2 |
| BLUECHIP (MED-1991) | 6.3 | 48.3 | 27.3 | PICK 8 | 8.0 | 12.0 | 10.0 |
| NJ-54 | 17.7 | 36.7 | 27.2 | BA 77-702 | 8.3 | 11.3 | 9.8 |
| BARONIE | 12.3 | 40.7 | 26.5 | NJ-GD | 3.3 | 16.3 | 9.8 |
| SHAMROCK | 8.0 | 44.7 | 26.3 | A88-744 | 7.0 | 12.0 | 9.5 |
| LTP-620 | 16.0 | 36.0 | 26.0 | GLADE | 3.0 | 15.3 | 9.2 |
| BLACKSTONE (PST-638) | 14.0 | 37.0 | 25.5 | SERENE (PST-A7-245A) | 3.3 | 14.7 | 9.0 |
| CHALLENGER | 16.7 | 34.0 | 25.3 | BRILLIANT (PST-B2-42) | 4.3 | 12.3 | 8.3 |
| NIMBUS | 6.0 | 44.7 | 25.3 | NUGLADE | 5.3 | 10.7 | 8.0 |
| ASCOT | 10.3 | 37.0 | 23.7 | MIDNIGHT | 1.7 | 14.0 | 7.8 |
| BARON | 13.7 | 33.0 | 23.3 | ARCADIA (J-1936) | 4.3 | 10.7 | 7.5 |
| LIVINGSTON | 9.7 | 36.7 | 23.2 | BA 75-163 | 4.3 | 9.3 | 6.8 |
| NORTH STAR (PST-A7-60) | 12.7 | 30.3 | 21.5 | CHAMPAGNE (LTP-621) | 6.3 | 7.3 | 6.8 |
| KENBLUE | 16.0 | 26.3 | 21.2 | SIDEKICK | 4.0 | 9.7 | 6.8 |
| H86-690 | 7.3 | 34.3 | 20.8 | PRINCETON 105 | 2.0 | 11.0 | 6.5 |

TABLE 49. PERCENT PATCH DISEASE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 (CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT LEXINGTON, KY
 1998 DATA

| NAME | JULY | AUGUST | MEAN |
|--------------------------|------|--------|------|
| JEFFERSON | 2.7 | 10.0 | 6.3 |
| SR 2000 | 5.3 | 6.0 | 5.7 |
| AWARD | 3.3 | 6.7 | 5.0 |
| RUGBY II (MED-18) | 4.0 | 4.7 | 4.3 |
| QUANTUM LEAP (J-1567) | 2.3 | 4.0 | 3.2 |
| UNIQUE | 1.0 | 5.3 | 3.2 |
| AMERICA | 1.7 | 3.7 | 2.7 |
| TOTAL ECLIPSE (TCR-1738) | 1.0 | 3.7 | 2.3 |
| SHOWCASE (PST-BO-141) | 1.0 | 2.3 | 1.7 |
| LSD VALUE | 16.4 | 27.2 | 17.7 |
| C.V. (%) | 77.6 | 51.0 | 48.6 |

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

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

TABLE 50. LEAF SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
 GROWN UNDER MEDIUM/HIGH INPUT AT ORONO, ME 1/
 1998 DATA

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

| NAME | MAY | JUNE | AUGUST | MEAN |
|--------------------------|-----|------|--------|------|
| MOONLIGHT (PST-A418) | 7.7 | 7.7 | 8.7 | 8.0 |
| BAR VB 6820 | 6.7 | 7.7 | 8.7 | 7.7 |
| WILDWOOD | 7.0 | 7.3 | 8.7 | 7.7 |
| SEABRING (BA 79-260) | 7.7 | 6.0 | 8.3 | 7.3 |
| ODYSSEY (J-1561) | 5.7 | 7.0 | 9.0 | 7.2 |
| APOLLO (PST-B3-180) | 6.7 | 6.0 | 8.7 | 7.1 |
| BAR VB 233 | 6.7 | 5.7 | 9.0 | 7.1 |
| PLATINI | 7.0 | 5.7 | 8.7 | 7.1 |
| AMERICA | 6.7 | 6.0 | 8.3 | 7.0 |
| ABSOLUTE (MED-1497) | 6.7 | 6.3 | 7.7 | 6.9 |
| BRILLIANT (PST-B2-42) | 7.3 | 6.0 | 7.3 | 6.9 |
| LIMOUSINE | 6.0 | 7.3 | 7.3 | 6.9 |
| PST-P46 | 7.0 | 6.3 | 7.3 | 6.9 |
| BAR VB 3115B | 5.0 | 6.3 | 9.0 | 6.8 |
| SHAMROCK | 5.3 | 6.3 | 8.7 | 6.8 |
| UNIQUE | 7.0 | 6.3 | 7.0 | 6.8 |
| BARTITIA | 5.0 | 6.3 | 8.7 | 6.7 |
| ASCOT | 6.0 | 6.7 | 7.0 | 6.6 |
| BA 73-373 | 7.0 | 6.0 | 6.7 | 6.6 |
| CALIBER | 6.3 | 6.0 | 7.3 | 6.6 |
| MIDNIGHT | 6.3 | 4.7 | 8.7 | 6.6 |
| ZPS-309 | 6.7 | 4.3 | 8.7 | 6.6 |
| BA 77-702 | 4.7 | 8.3 | 6.3 | 6.4 |
| LIBERATOR (ZPS-2572) | 5.0 | 6.7 | 7.7 | 6.4 |
| SHOWCASE (PST-BO-141) | 7.0 | 4.0 | 8.3 | 6.4 |
| SR 2109 | 5.7 | 5.7 | 8.0 | 6.4 |
| IMPACT (J-1576) | 6.3 | 5.3 | 7.3 | 6.3 |
| PRINCETON 105 | 6.0 | 6.3 | 6.7 | 6.3 |
| SIDEKICK | 6.3 | 5.7 | 7.0 | 6.3 |
| BA 81-270 | 5.7 | 5.3 | 7.7 | 6.2 |
| BARON | 6.0 | 6.3 | 6.3 | 6.2 |
| ECLIPSE | 5.3 | 6.0 | 7.3 | 6.2 |
| NORTH STAR (PST-A7-60) | 5.7 | 7.0 | 6.0 | 6.2 |
| RAVEN | 5.7 | 6.0 | 7.0 | 6.2 |
| BA 81-220 | 5.0 | 7.0 | 6.3 | 6.1 |
| CARDIFF | 6.0 | 5.0 | 7.3 | 6.1 |
| GOLDRUSH (BA 87-102) | 4.7 | 6.0 | 7.7 | 6.1 |
| NJ 1190 | 3.0 | 6.7 | 8.7 | 6.1 |
| ARCADIA (J-1936) | 6.0 | 4.0 | 8.0 | 6.0 |
| BA 76-197 | 3.7 | 5.7 | 8.7 | 6.0 |
| BAR VB 5649 | 6.0 | 4.7 | 7.3 | 6.0 |
| MISTY (BA 76-372) | 5.3 | 6.0 | 6.7 | 6.0 |
| NUGLADE | 6.0 | 4.7 | 7.3 | 6.0 |
| SERENE (PST-A7-245A) | 4.7 | 4.7 | 8.7 | 6.0 |
| TOTAL ECLIPSE (TCR-1738) | 5.3 | 4.7 | 8.0 | 6.0 |

TABLE 50. LEAF SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT ORONO, ME
1998 DATA

LEAF SPOT RATINGS 1-9; 9=NO DISEASE

| NAME | MAY | JUNE | AUGUST | MEAN |
|-----------------------|-----|------|--------|------|
| ZPS-2183 | 3.3 | 6.0 | 8.7 | 6.0 |
| ALLURE | 3.0 | 6.0 | 8.7 | 5.9 |
| BLUECHIP (MED-1991) | 5.3 | 5.3 | 7.0 | 5.9 |
| CHALLENGER | 7.0 | 5.0 | 5.7 | 5.9 |
| CHICAGO (J-2582) | 5.0 | 4.3 | 8.3 | 5.9 |
| CONNI | 3.7 | 5.3 | 8.7 | 5.9 |
| ENVICTA (BA 75-173) | 6.7 | 4.3 | 6.7 | 5.9 |
| FORTUNA | 6.7 | 4.7 | 6.3 | 5.9 |
| NUSTAR | 4.3 | 6.3 | 7.0 | 5.9 |
| QUANTUM LEAP (J-1567) | 5.3 | 4.7 | 7.7 | 5.9 |
| BA 81-113 | 4.7 | 6.0 | 6.7 | 5.8 |
| LKB-95 | 3.0 | 6.3 | 8.0 | 5.8 |
| RUGBY II (MED-18) | 5.0 | 4.7 | 7.7 | 5.8 |
| ASP200 (HV 130) | 3.0 | 5.7 | 8.3 | 5.7 |
| BA 75-163 | 4.3 | 5.7 | 7.0 | 5.7 |
| BA 81-058 | 4.7 | 5.3 | 7.0 | 5.7 |
| CLASSIC | 2.3 | 6.3 | 8.0 | 5.6 |
| COVENTRY | 3.0 | 6.0 | 7.7 | 5.6 |
| EXPLORER (PICK-3561) | 3.0 | 6.0 | 7.7 | 5.6 |
| NIMBUS | 4.7 | 4.7 | 7.3 | 5.6 |
| PST-BO-165 | 4.7 | 5.3 | 6.7 | 5.6 |
| RAMBO (J-2579) | 3.0 | 4.7 | 9.0 | 5.6 |
| J-1555 | 4.0 | 5.0 | 7.3 | 5.4 |
| PICK 8 | 3.3 | 6.0 | 7.0 | 5.4 |
| ABBAY | 5.0 | 4.7 | 6.3 | 5.3 |
| AWARD | 5.0 | 5.0 | 6.0 | 5.3 |
| BA 70-060 | 5.7 | 4.7 | 5.7 | 5.3 |
| CHATEAU | 4.3 | 4.7 | 7.0 | 5.3 |
| JEWEL (BA 81-227) | 2.3 | 5.3 | 8.3 | 5.3 |
| LIVINGSTON | 3.3 | 5.7 | 7.0 | 5.3 |
| BARONIE | 4.0 | 5.7 | 6.0 | 5.2 |
| BLACKSTONE (PST-638) | 3.0 | 5.0 | 7.7 | 5.2 |
| LTP-620 | 5.3 | 3.3 | 7.0 | 5.2 |
| NJ-GD | 3.7 | 5.0 | 7.0 | 5.2 |
| A88-744 | 5.0 | 3.7 | 6.7 | 5.1 |
| BA 75-490 | 3.3 | 3.3 | 8.7 | 5.1 |
| CHAMPAGNE (LTP-621) | 2.3 | 5.0 | 8.0 | 5.1 |
| SODNET | 4.0 | 4.7 | 6.7 | 5.1 |
| SR 2100 | 3.3 | 4.7 | 7.3 | 5.1 |
| GLADE | 3.0 | 4.3 | 7.7 | 5.0 |
| HV 242 | 3.3 | 4.7 | 7.0 | 5.0 |
| JEFFERSON | 4.0 | 4.7 | 6.3 | 5.0 |
| MARQUIS | 4.0 | 4.0 | 7.0 | 5.0 |
| VB 16015 | 6.3 | 4.3 | 4.3 | 5.0 |
| BLACKSBURG | 2.0 | 4.7 | 8.0 | 4.9 |

TABLE 50. LEAF SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT ORONO, ME
1998 DATA

LEAF SPOT RATINGS 1-9; 9=NO DISEASE

| NAME | MAY | JUNE | AUGUST | MEAN |
|--------------------|------|------|--------|------|
| H86-690 | 2.7 | 3.3 | 8.3 | 4.8 |
| HAGA | 4.0 | 4.0 | 6.3 | 4.8 |
| PICK-855 | 1.0 | 6.0 | 6.3 | 4.4 |
| SR 2000 | 3.0 | 3.3 | 7.0 | 4.4 |
| MED-1580 | 1.7 | 3.3 | 8.0 | 4.3 |
| NJ-54 | 1.7 | 3.3 | 8.0 | 4.3 |
| BARUZO | 2.0 | 4.0 | 6.3 | 4.1 |
| DRAGON (ZPS-429) | 1.3 | 3.0 | 8.0 | 4.1 |
| LIPOA | 1.7 | 5.0 | 5.3 | 4.0 |
| COMPACT | 2.3 | 3.0 | 6.0 | 3.8 |
| KENBLUE | 2.0 | 2.7 | 6.0 | 3.6 |
| PEPAYA (DP 37-192) | 2.0 | 3.3 | 5.3 | 3.6 |
| SRX 2205 | 2.0 | 3.0 | 5.7 | 3.6 |
| LSD VALUE | 2.6 | 3.6 | 5.4 | 1.5 |
| C.V. (%) | 32.9 | 29.6 | 21.6 | 15.3 |

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

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

TABLE 51. MEASUREMENTS OF SPREAD LENGTH AND WIDTH OF KENTUCKY BLUEGRASS CULTIVARS
GROWN UNDER MEDIUM/HIGH INPUT AT BELTSVILLE, MD 1/
1998 DATA

LENGTH AND WIDTH MEASURED IN CENTIMETERS 2/

| NAME | LENGTH | WIDTH | LENGTH | WIDTH | MEAN OF LENGTH AND WIDTH | |
|-----------------------|--------|-------|----------|----------|--------------------------|----------|
| | MARCH | MARCH | NOVEMBER | NOVEMBER | MARCH | NOVEMBER |
| LIVINGSTON | 50.3 | 42.8 | 75.0 | 63.0 | 46.5 | 69.0 |
| NJ-GD | 47.5 | 44.0 | 72.3 | 64.0 | 45.8 | 68.1 |
| CHAMPAGNE (LTP-621) | 48.8 | 44.5 | 69.8 | 63.3 | 46.6 | 66.5 |
| LTP-620 | 52.0 | 48.0 | 71.3 | 61.5 | 50.0 | 66.4 |
| CLASSIC | 50.5 | 45.0 | 69.3 | 61.3 | 47.8 | 65.3 |
| PRINCETON 105 | 52.0 | 39.5 | 72.8 | 57.8 | 45.8 | 65.3 |
| BARONIE | 46.3 | 41.3 | 69.5 | 60.8 | 43.8 | 65.1 |
| CALIBER | 45.5 | 37.8 | 68.8 | 57.5 | 41.6 | 63.1 |
| KENBLUE | 46.5 | 43.5 | 67.8 | 58.0 | 45.0 | 62.9 |
| BAR VB 5649 | 45.5 | 37.8 | 67.0 | 54.8 | 41.6 | 60.9 |
| J-1555 | 48.5 | 37.8 | 65.3 | 55.8 | 43.1 | 60.5 |
| UNIQUE | 43.3 | 39.0 | 61.5 | 58.3 | 41.1 | 59.9 |
| CHICAGO (J-2582) | 45.5 | 39.8 | 62.3 | 56.3 | 42.6 | 59.3 |
| AMERICA | 43.0 | 38.8 | 65.5 | 52.8 | 40.9 | 59.1 |
| ARCADIA (J-1936) | 44.5 | 38.3 | 63.8 | 53.8 | 41.4 | 58.8 |
| PICK 8 | 42.0 | 32.5 | 65.8 | 51.5 | 37.3 | 58.6 |
| SHAMROCK | 46.3 | 37.0 | 64.0 | 53.0 | 41.6 | 58.5 |
| BAR VB 3115B | 41.5 | 36.5 | 63.5 | 53.0 | 39.0 | 58.3 |
| RAMBO (J-2579) | 43.0 | 36.0 | 61.0 | 54.5 | 39.5 | 57.8 |
| ODYSSEY (J-1561) | 43.5 | 34.8 | 63.8 | 51.5 | 39.1 | 57.6 |
| BAR VB 233 | 40.8 | 35.0 | 61.3 | 53.0 | 37.9 | 57.1 |
| ZPS-2183 | 42.8 | 35.5 | 59.5 | 54.0 | 39.1 | 56.8 |
| NUSTAR | 40.0 | 35.5 | 60.0 | 53.3 | 37.8 | 56.6 |
| ZPS-309 | 41.3 | 38.8 | 60.3 | 52.8 | 40.0 | 56.5 |
| MIDNIGHT | 41.8 | 34.0 | 61.0 | 51.8 | 37.9 | 56.4 |
| BA 76-197 | 40.5 | 35.5 | 59.8 | 52.8 | 38.0 | 56.3 |
| HAGA | 47.5 | 33.8 | 62.8 | 49.8 | 40.6 | 56.3 |
| BA 81-058 | 45.0 | 34.3 | 63.0 | 49.3 | 39.6 | 56.1 |
| BA 75-490 | 44.0 | 37.8 | 61.3 | 50.3 | 40.9 | 55.8 |
| VB 16015 | 47.8 | 37.5 | 59.8 | 51.8 | 42.6 | 55.8 |
| JEFFERSON | 41.8 | 34.3 | 60.5 | 50.5 | 38.0 | 55.5 |
| SR 2109 | 40.0 | 35.8 | 58.0 | 53.0 | 37.9 | 55.5 |
| LIBERATOR (ZPS-2572) | 41.3 | 34.3 | 61.0 | 49.8 | 37.8 | 55.4 |
| BA 81-270 | 43.8 | 37.0 | 58.3 | 52.0 | 40.4 | 55.1 |
| HV 242 | 41.0 | 37.3 | 60.3 | 49.8 | 39.1 | 55.0 |
| NUGLADE | 40.3 | 32.3 | 60.8 | 49.0 | 36.3 | 54.9 |
| ALLURE | 42.5 | 33.3 | 58.0 | 51.0 | 37.9 | 54.5 |
| APOLIO (PST-B3-180) | 40.5 | 33.5 | 59.5 | 49.0 | 37.0 | 54.3 |
| SR 2000 | 38.8 | 38.3 | 57.3 | 51.0 | 38.5 | 54.1 |
| H86-690 | 46.3 | 33.0 | 60.0 | 48.0 | 39.6 | 54.0 |
| NIMBUS | 40.8 | 34.8 | 60.3 | 47.8 | 37.8 | 54.0 |
| BRILLIANT (PST-B2-42) | 38.5 | 33.8 | 57.3 | 49.8 | 36.1 | 53.5 |
| RAVEN | 40.8 | 34.5 | 58.3 | 48.8 | 37.6 | 53.5 |
| RUGBY II (MED-18) | 38.5 | 36.0 | 55.8 | 51.3 | 37.3 | 53.5 |
| SIDEKICK | 42.0 | 35.3 | 59.3 | 47.5 | 38.6 | 53.4 |

TABLE 51. MEASUREMENTS OF SPREAD LENGTH AND WIDTH OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT BELTSVILLE, MD
1998 DATA

| NAME | LENGTH AND WIDTH MEASURED IN CENTIMETERS | | | | | |
|--------------------------|--|----------------|--------------------|-------------------|---|------|
| | LENGTH MARCH | WIDTH MARCH | LENGTH NOVEMBER | WIDTH NOVEMBER | <u>MEAN OF LENGTH AND WIDTH</u> MARCH NOVEMBER | |
| BAR VB 6820 | 40.5 | 30.5 | 58.5 | 48.0 | 35.5 | 53.3 |
| PST-BO-165 | 44.5 | 39.8 | 56.5 | 49.5 | 42.1 | 53.0 |
| BA 81-113 | 40.0 | 34.0 | 57.8 | 48.0 | 37.0 | 52.9 |
| SRX 2205 | 41.3 | 34.8 | 56.3 | 49.5 | 38.0 | 52.9 |
| BARON | 39.3 | 36.0 | 58.3 | 47.3 | 37.6 | 52.8 |
| GLADE | 39.3 | 36.3 | 56.8 | 48.8 | 37.8 | 52.8 |
| LKB-95 | 42.8 | 35.3 | 56.0 | 49.5 | 39.0 | 52.8 |
| SHOWCASE (PST-BO-141) | 38.2 | 33.2 | 55.8 | 49.6 | 35.7 | 52.7 |
| COVENTRY | 40.5 | 33.8 | 55.3 | 49.5 | 37.1 | 52.4 |
| IMPACT (J-1576) | 36.3 | 33.3 | 55.5 | 49.3 | 34.8 | 52.4 |
| MARQUIS | 41.8 | 33.0 | 57.3 | 47.3 | 37.4 | 52.3 |
| BLUECHIP (MED-1991) | 37.3 | 34.0 | 55.5 | 48.3 | 35.6 | 51.9 |
| ECLIPSE | 44.3 | 36.8 | 57.0 | 46.8 | 40.5 | 51.9 |
| A88-744 | 40.3 | 36.3 | 54.3 | 47.8 | 38.3 | 51.0 |
| CARDIFF | 37.3 | 32.0 | 54.5 | 47.5 | 34.6 | 51.0 |
| EXPLORER (PICK-3561) | 37.0 | 31.3 | 55.5 | 46.5 | 34.1 | 51.0 |
| MED-1580 | 38.5 | 34.5 | 53.5 | 48.5 | 36.5 | 51.0 |
| CHALLENGER | 42.0 | 34.0 | 56.5 | 45.0 | 38.0 | 50.8 |
| AWARD | 35.5 | 30.0 | 54.3 | 46.8 | 32.8 | 50.5 |
| QUANTUM LEAP (J-1567) | 36.0 | 32.8 | 54.8 | 45.5 | 34.4 | 50.1 |
| BA 70-060 | 39.0 | 31.5 | 53.5 | 46.3 | 35.3 | 49.9 |
| MOONLIGHT (PST-A418) | 34.5 | 28.5 | 53.3 | 46.5 | 31.5 | 49.9 |
| SR 2100 | 38.7 | 31.3 | 55.0 | 44.7 | 35.0 | 49.8 |
| CHATEAU | 41.0 | 33.5 | 53.0 | 46.3 | 37.3 | 49.6 |
| JEWEL (BA 81-227) | 40.5 | 35.0 | 52.5 | 46.8 | 37.8 | 49.6 |
| NJ-54 | 37.8 | 33.3 | 53.8 | 45.3 | 35.5 | 49.5 |
| NJ 1190 | 36.8 | 34.0 | 53.5 | 45.0 | 35.4 | 49.3 |
| ASP200 (HV 130) | 37.5 | 33.0 | 53.8 | 44.5 | 35.3 | 49.1 |
| ENVICTA (BA 75-173) | 40.0 | 31.0 | 53.8 | 43.8 | 35.5 | 48.8 |
| GOLDRUSH (BA 87-102) | 38.8 | 35.0 | 51.0 | 45.3 | 36.9 | 48.1 |
| BA 81-220 | 40.0 | 29.8 | 54.3 | 41.8 | 34.9 | 48.0 |
| PLATINI | 34.3 | 28.8 | 51.5 | 44.5 | 31.5 | 48.0 |
| BLACKSEURG | 32.3 | 27.3 | 53.0 | 42.5 | 29.8 | 47.8 |
| TOTAL ECLIPSE (TCR-1738) | 35.0 | 28.5 | 54.5 | 40.5 | 31.8 | 47.5 |
| BA 77-702 | 34.5 | 31.8 | 51.3 | 43.5 | 33.1 | 47.4 |
| FORTUNA | 37.5 | 30.3 | 50.3 | 44.3 | 33.9 | 47.3 |
| BA 75-163 | 37.3 | 29.8 | 51.8 | 42.5 | 33.5 | 47.1 |
| PST-P46 | 38.3 | 31.8 | 53.0 | 40.3 | 35.0 | 46.6 |
| BA 73-373 | 35.3 | 30.3 | 51.5 | 40.5 | 32.8 | 46.0 |
| ASCOT | 36.0 | 32.5 | 49.3 | 42.0 | 34.3 | 45.6 |
| SEABRING (BA 79-260) | 34.8 | 30.5 | 49.5 | 41.8 | 32.6 | 45.6 |
| BLACKSTONE (PST-638) | 35.3 | 31.0 | 48.5 | 42.0 | 33.1 | 45.3 |
| WILDWOOD | 36.8 | 29.0 | 49.8 | 40.5 | 32.9 | 45.1 |
| ABBAY | 33.0 | 29.8 | 47.5 | 42.0 | 31.4 | 44.8 |
| SODNET | 37.3 | 30.3 | 49.0 | 39.8 | 33.8 | 44.4 |

TABLE 51. MEASUREMENTS OF SPREAD LENGTH AND WIDTH OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) GROWN UNDER MEDIUM/HIGH INPUT AT BELTSVILLE, MD
1998 DATA

| NAME | LENGTH AND WIDTH MEASURED IN CENTIMETERS | | | | | |
|------------------------|--|----------------|--------------------|-------------------|---------------------------------|----------|
| | LENGTH MARCH | WIDTH MARCH | LENGTH NOVEMBER | WIDTH NOVEMBER | <u>MEAN OF LENGTH AND WIDTH</u> | |
| | | | | | MARCH | NOVEMBER |
| SERENE (PST-A7-245A) | 34.3 | 31.0 | 47.0 | 41.5 | 32.6 | 44.3 |
| COMPACT | 33.5 | 29.0 | 47.0 | 41.0 | 31.3 | 44.0 |
| DRAGON (ZPS-429) | 34.0 | 27.8 | 48.8 | 38.3 | 30.9 | 43.5 |
| NORTH STAR (PST-A7-60) | 33.8 | 30.5 | 47.0 | 40.0 | 32.1 | 43.5 |
| BARUZO | 35.0 | 28.3 | 47.0 | 38.8 | 31.6 | 42.9 |
| PICK-855 | 35.5 | 29.0 | 46.3 | 39.0 | 32.3 | 42.6 |
| PEPAYA (DP 37-192) | 34.0 | 29.5 | 46.5 | 38.0 | 31.8 | 42.3 |
| MISTY (BA 76-372) | 36.7 | 31.0 | 44.3 | 39.3 | 33.8 | 41.8 |
| LIPOA | 35.0 | 26.3 | 47.3 | 35.8 | 30.6 | 41.5 |
| ABSOLUTE (MED-1497) | 35.5 | 29.0 | 45.0 | 36.3 | 32.3 | 40.6 |
| BARTITIA | 34.5 | 29.5 | 44.8 | 33.3 | 32.0 | 39.0 |
| CONNI | 27.3 | 25.8 | 41.0 | 34.5 | 26.5 | 37.8 |
| LIMOUSINE | 32.5 | 28.8 | 38.8 | 34.5 | 30.6 | 36.6 |
| LSD VALUE | 7.7 | 7.5 | 9.3 | 8.4 | 6.7 | 8.0 |
| C.V. (%) | 12.9 | 14.5 | 11.8 | 12.6 | 12.4 | 11.2 |

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

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