

## **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 United States Golf Association (USGA) Green Section, one member from the Golf Course Superintendents Assoc. of America (GCSAA), one member for the Turfgrass Producers International (TPI), one member from the Turfgrass Breeders Association and an executive director. The program does not make variety recommendations. However, the data from tests can be used by extension specialists and others for making recommendations.

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

Executive Director - Kevin N. Morris, National Turfgrass Evaluation Program, Inc.

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Mr. Ryan Jeffries, Columbia Seeds, Inc.  
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## **A Guide to NTEP Turfgrass Ratings**

### **Introduction**

The quality and scientific merit of NTEP data is extremely important. However, the evaluation of turfgrass species and cultivars is a difficult and complex issue. Furthermore, turfgrass evaluation is generally a subjective process based on visual estimates of factors, like genetic color, stand density, leaf texture, uniformity and quality. These factors can not be measured in the same way as other agricultural crops. Turfgrass quality is not a measure of yield or nutritive value. Turfgrass quality is a measure of aesthetics (i.e. density, uniformity, texture, smoothness, growth habit and color), and functional use. The most common way of assessing turfgrass quality is a visual rating system that is based on the turfgrass evaluator's judgement.

### **General Considerations**

Most visual ratings collected on NTEP trials are based on a 1 to 9 rating scale. One is the poorest or lowest and 9 is the best or highest rating. However, a few characteristics, such as winter kill or percent living ground cover, are rated on a percentage basis, again by using the evaluator's judgement. Most disease ratings found in NTEP reports will use the 1-9 scale, 9=no disease except where the evaluator made a judgement of the percentage of disease in each plot. Percent disease data will be found in separate tables and will normally not be included with disease data using the 1-9 scale.

### **Turfgrass Quality**

Turfgrass Quality is based on 9 being outstanding or ideal turf and 1 being poorest or dead. A rating of 6 or above is generally considered acceptable. A quality rating value of 9 is reserved for a perfect or ideal grass, but it also can reflect an absolutely outstanding treatment plot. The NTEP requires quality ratings on a monthly basis. Quality ratings take into account the aesthetic and functional aspects of the turf. Quality ratings are not based on color alone, but on a combination of color, density, uniformity, texture, and disease or environmental stress.

Turfgrass quality ratings are grouped and presented by region, management level, a particular stress (shade, traffic, etc.) and in some cases, by individual location (starting with 2001 data, data from each location will be posted separately as well on the NTEP web site, <http://www.ntep.org>). Also available now is a summary table (Appendix) in the back of this report. This summary table includes various statistical measures not previously compiled for NTEP reports. For an explanation of this table and these changes, please go to the NTEP web site at <http://www.ntep.org/pdf/grandmean.mem.pdf>.

### **Other Ratings**

More detailed information on the ratings of specific characteristics can be found on the NTEP web site at <http://www.ntep.org/reports/ratings.htm>.

## 2011 NATIONAL KENTUCKY BLUEGRASS TEST

## LOCATIONS SUBMITTING DATA FOR 2015

| State          | Location                        | Code |
|----------------|---------------------------------|------|
| Illinois       | Urbana                          | IL1  |
| Illinois       | Carbondale (Shade)              | IL2  |
| Indiana        | West Lafayette                  | IN1  |
| Iowa           | Ames                            | IA1  |
| Kansas         | Manhattan                       | KS1  |
| Massachusetts  | Amherst (Traffic Study)         | MA1  |
| Maryland       | College Park                    | MD1  |
| Michigan       | East Lansing                    | MI1  |
| Michigan       | East Lansing (Traffic Study)    | MI2  |
| Minnesota      | St. Paul                        | MN1  |
| New Jersey     | North Brunswick                 | NJ1  |
| New Jersey     | Adelphia                        | NJ2  |
| New Jersey     | North Brunswick (Traffic Study) | NJ3  |
| North Carolina | Raleigh (Summer Patch)          | NC1  |
| Oklahoma       | Stillwater (Summer Patch)       | OK1  |
| Ontario        | Guelph (Organic)                | ON1  |
| Tennessee      | Knoxville                       | TN1  |
| Tennessee      | Knoxville (Traffic)             | TN2  |
| Utah           | Logan                           | UT1  |
| Virginia       | Blacksburg                      | VA1  |
| Washington     | Pullman                         | WA1  |
| Wisconsin      | Madison                         | WI1  |
| Wisconsin      | Madison (Traffic)               | WI2  |

## 2011 NATIONAL KENTUCKY BLUEGRASS TEST Entries and Sponsors

| Entry No. | Name                 | Sponsor                      | Entry No. | Name                       | Sponsor                      |
|-----------|----------------------|------------------------------|-----------|----------------------------|------------------------------|
| 1         | BAR 12PP 612         | Barenbrug Holland B.V.       | 41        | RAD-849                    | Radix Research               |
| 2         | BAR 8PP 504          | Barenbrug Holland B. V.      | *42       | Avid                       | Burlingham Seeds             |
| *3        | America              | Standard Entry               | *43       | Empire                     | Burlingham Seeds             |
| 4         | A05-361              | N. J. Ag. Experiment Station | 44        | Burl 3-51                  | Burlingham Seeds             |
| *5        | Cabernet             | Standard Entry               | 45        | Burl 06-11                 | Burlingham Seeds             |
| *6        | Award                | Jacklin Seed by Simplot®     | 46        | PST-K4-3                   | Pure-Seed Testing            |
| *7        | Nu Chicago           | Standard Entry               | 47        | PST-K9-90                  | Pure-Seed Testing            |
| *8        | Kenblue              | Standard Entry               | *48       | Jackrabbit (PST-K10-106D)  | DLF Pickseed USA, Inc.       |
| 9         | J-1770               | Jacklin Seed by Simplot®     | 49        | BAR Pp 119327              | Barenbrug USA                |
| 10        | J-1136               | Jacklin Seed by Simplot®     | *50       | Barduke                    | Barenbrug USA                |
| *11       | Rush                 | Jacklin Seed by Simplot®     | *51       | Baron                      | Standard Entry               |
| *12       | Sudden Impact        | Jacklin Seed by Simplot®     | *52       | Barvette HGT (BAR VV 0709) | Barenbrug USA                |
| 13        | J-1853               | Jacklin Seed by Simplot®     | 53        | BAR VV 112916              | Barenbrug USA                |
| *14       | Waterworks (A05-204) | Turf Merchants               | 54        | BAR Pp 110358              | Barenbrug USA                |
| 15        | A05-329              | Turf Merchants               | 55        | BAR Pp 119326              | Barenbrug USA                |
| *16       | Oasis (A98-344)      | Seeds, Inc./Pennington Seed  | 56        | BAR VV 118532              | Barenbrug USA                |
| 17        | A98-363              | Seeds, Inc.                  | *57       | Skye                       | Grassland Oregon             |
| 18        | RAD-1492             | CHS, Inc.                    | *58       | Blue Coat (AKB 2282)       | Columbia Seeds LLC           |
| 19        | A04-38               | The Scotts Company           | 59        | AKB 2555                   | Columbia Seeds LLC           |
| 20        | A05-360              | The Scotts Company           | 60        | A00-4199                   | ProSeeds Marketing           |
| *21       | Zedor (PpH 9131)     | DLF Pickseed USA, Inc.       | 61        | A06-26                     | Lewis Seeds                  |
| *22       | Geisha (DPPp818)     | DLF Pickseed USA, Inc.       | 62        | Pick TD8                   | DLF Pickseed USA, Inc.       |
| *23       | Aramintha (Pp 10847) | DLF Pickseed USA, Inc.       | 63        | SRX 5321                   | DLF Pickseed USA, Inc.       |
| 24        | Pick 033             | DLF Pickseed USA, Inc.       | 64        | Pick TD9                   | DLF Pickseed USA, Inc.       |
| 25        | Pick MP07            | DLF Pickseed USA, Inc.       | *65       | Blackjack                  | Columbia River Seeds         |
| 26        | Pick 4340            | DLF Pickseed USA, Inc.       | *66       | Arrowhead                  | Columbia River Seeds         |
| 27        | SRX 466              | DLF Pickseed USA, Inc.       | 67        | PST-K9-99                  | Pure-Seed Testing            |
| 28        | SRX 2758             | DLF Pickseed USA, Inc.       | *68       | Lunar (PST-07-261)         | Landmark                     |
| 29        | SRX 4338             | DLF Pickseed USA, Inc.       | 69        | PST-T10-18                 | Pure-Seed Testing            |
| 30        | Merlot (LTP-08-6)    | Lebanon Seaboard Corp.       | *70       | Endurance (PST-K4-7)       | Scotts                       |
| 31        | A00-2882             | DLF Pickseed USA, Inc.       | 71        | PST-K9-97                  | Pure-Seed Testing            |
| *32       | Keeneland (A04-342)  | DLF Pickseed USA, Inc.       | *72       | Rubix (4S2W)               | Columbia River Seed          |
| 33        | A06-46               | DLF Pickseed USA, Inc.       | 73        | 3733                       | Columbia River Seed          |
| 34        | A05-TB-382           | Mountain View Seeds          | *74       | Dauntless (A05-315)        | Columbia River Seed          |
| 35        | H99-1653             | Mountain View Seeds          | 75        | A05-999                    | Columbia River Seed          |
| *36       | Blue Note            | Mountain View Seeds          | 76        | A06-47                     | Columbia River Seed          |
| *37       | Legend (A10-1)       | Mountain View Seeds          | 77        | RAD-507                    | Columbia River Seed          |
| *38       | Zinger (A05-306)     | Mountain View Seeds          | 78        | A04-36                     | N. J. Ag. Experiment Station |
| 39        | Bluebank (A03-1017)  | Landmark Turf & N.S.         | *79       | Shamrock                   | Standard Entry               |
| *40       | Mazama (A04-74)      | Mountain View Seeds          | 80        | A01-1106                   | ProSeeds Marketing           |
|           |                      |                              | *81       | Midnight                   | Standard Entry               |
|           |                      |                              | *82       | Thermal Blue               | Standard Entry               |

\* COMMERCIALY AVAILABLE IN THE USA IN 2016

TABLE A.

2015 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN  
THE 2011 NATIONAL KENTUCKY BLUEGRASS TEST

| 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      |
|----------|--------------------|---------|-----------------------------|---------------------------|---------------------------|---------------|--------------------|---------------------------|
| IA1      | SANDY CLAY LOAM    | 7.1-7.5 | 0-60                        | 0-150                     | 2.1-3.0                   | FULL SUN      | 2.6-3.0            | TO PREVENT DORMANCY       |
| IL1      | SILT LOAM AND SILT | 6.1-6.5 | 0-60                        | 376-500                   | 2.1-3.0                   | FULL SUN      | 2.6-3.0            | TO PREVENT DORMANCY       |
| IL2      | SILTY CLAY LOAM    | 6.1-6.5 | 0-60                        | 241-375                   | 1.1-2.0                   | UNIFORM SHADE | 2.1-2.5            | NO IRRIGATION             |
| IN1      | SILT LOAM AND SILT | 7.1-7.5 | 61-150                      | 151-240                   | 2.1-3.0                   | FULL SUN      | 2.6-3.0            | TO PREVENT DORMANCY       |
| KS1      | -                  | -       | -                           | -                         | -                         | -             | -                  | -                         |
| MA1      | LOAM               | 5.6-6.0 | 0-60                        | 241-375                   | 1.1-2.0                   | FULL SUN      | 0.0-0.5            | TO PREVENT STRESS         |
| MD1      | SILT LOAM AND SILT | 6.1-6.5 | 61-150                      | 151-240                   | 1.1-2.0                   | FULL SUN      | 2.6-3.0            | ONLY DURING SEVERE STRESS |
| MI1      | -                  | -       | -                           | -                         | -                         | -             | -                  | -                         |
| MI2      | -                  | -       | -                           | -                         | -                         | -             | -                  | -                         |
| MN1      | SILTY CLAY LOAM    | 5.6-6.0 | 61-150                      | 241-375                   | 2.1-3.0                   | FULL SUN      | 1.6-2.0            | NO IRRIGATION             |
| NC1      | SILTY CLAY LOAM    | 6.1-6.5 | 61-150                      | 0-150                     | 3.1-4.0                   | FULL SUN      | 2.1-2.5            | TO PREVENT STRESS         |
| NJ1      | LOAM               | 6.1-6.5 | 151-270                     | 151-240                   | 3.1-4.0                   | FULL SUN      | 1.1-1.5            | TO PREVENT STRESS         |
| NJ2      | SANDY LOAM         | 6.1-6.5 | 271-450                     | 501+                      | 3.1-4.0                   | FULL SUN      | 1.1-1.5            | TO PREVENT STRESS         |
| NJ3      | LOAM               | 5.6-6.0 | 151-270                     | 151-240                   | 3.1-4.0                   | FULL SUN      | 1.1-1.5            | TO PREVENT STRESS         |
| OK1      | LOAM               | 7.1-7.5 | 151-270                     | 501+                      | 3.1-4.0                   | FULL SUN      | 1.6-2.0            | TO PREVENT DORMANCY       |
| ON1      | -                  | -       | -                           | -                         | -                         | -             | -                  | -                         |
| TN1      | SILT LOAM AND SILT | 6.1-6.5 | 0-60                        | 0-150                     | 3.1-4.0                   | FULL SUN      | 2.1-2.5            | TO PREVENT STRESS         |
| TN2      | SILT LOAM AND SILT | 6.1-6.5 | 0-60                        | 0-150                     | 3.1-4.0                   | FULL SUN      | 2.1-2.5            | TO PREVENT STRESS         |
| UT1      | -                  | -       | -                           | -                         | -                         | -             | -                  | -                         |
| VA1      | SILT LOAM AND SILT | 4.6-5.5 | 0-60                        | 0-150                     | 3.1-4.0                   | LIGHT SHADE   | 1.6-2.0            | ONLY DURING SEVERE STRESS |
| WA1      | SILT LOAM AND SILT | 5.6-6.0 | 451+                        | 501+                      | 3.1-4.0                   | FULL SUN      | 1.1-1.5            | TO PREVENT STRESS         |
| WI1      | SILT LOAM AND SILT | 7.1-7.5 | -                           | -                         | 3.1-4.0                   | FULL SUN      | 0.0-0.5            | TO PREVENT DORMANCY       |
| WI2      | SILT LOAM AND SILT | 7.1-7.5 | -                           | -                         | 3.1-4.0                   | FULL SUN      | 0.0-0.5            | TO PREVENT DORMANCY       |

TABLE B.

## LOCATIONS AND DATA COLLECTED IN 2015

| LOCATION | JANUARY<br>QUALITY<br>RATING | FEBRUARY<br>QUALITY<br>RATING | MARCH<br>QUALITY<br>RATING | APRIL<br>QUALITY<br>RATING | MAY<br>QUALITY<br>RATING | JUNE<br>QUALITY<br>RATING | JULY<br>QUALITY<br>RATING | AUGUST<br>QUALITY<br>RATING | SEPTEMBER<br>QUALITY<br>RATING | OCTOBER<br>QUALITY<br>RATING | NOVEMBER<br>QUALITY<br>RATING | DECEMBER<br>QUALITY<br>RATING | GENETIC<br>COLOR | SPRING<br>GREENUP | LEAF<br>TEXTURE |
|----------|------------------------------|-------------------------------|----------------------------|----------------------------|--------------------------|---------------------------|---------------------------|-----------------------------|--------------------------------|------------------------------|-------------------------------|-------------------------------|------------------|-------------------|-----------------|
| IA1      |                              |                               |                            | X                          | X                        | X                         | X                         | X                           | X                              | X                            |                               |                               | X                |                   |                 |
| IL1      |                              |                               |                            | X                          | X                        | X                         | X                         | X                           | X                              | X                            |                               |                               | X                | X                 |                 |
| IL2      |                              |                               |                            | X                          | X                        | X                         | X                         | X                           | X                              | X                            | X                             |                               |                  | X                 |                 |
| IN1      |                              |                               |                            |                            | X                        | X                         | X                         | X                           | X                              | X                            | X                             |                               | X                | X                 | X               |
| KS1      |                              |                               |                            | X                          | X                        | X                         | X                         | X                           | X                              | X                            | X                             |                               | X                | X                 |                 |
| MA1      |                              |                               |                            |                            | X                        | X                         | X                         | X                           | X                              | X                            | X                             |                               | X                | X                 | X               |
| MD1      |                              |                               |                            |                            | X                        | X                         | X                         | X                           | X                              | X                            | X                             | X                             |                  |                   |                 |
| MI1      |                              |                               |                            |                            | X                        | X                         | X                         | X                           | X                              | X                            |                               |                               |                  | X                 |                 |
| MI2      |                              |                               |                            |                            | X                        | X                         | X                         | X                           | X                              | X                            |                               |                               |                  | X                 |                 |
| MN1      |                              |                               |                            |                            | X                        | X                         | X                         | X                           | X                              | X                            |                               |                               | X                | X                 |                 |
| NC1      | X                            | X                             | X                          | X                          | X                        | X                         | X                         | 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                | X                 |                 |
| NJ3      |                              |                               |                            |                            |                          |                           |                           |                             |                                |                              |                               |                               |                  |                   |                 |
| OK1      |                              |                               |                            | X                          | X                        | X                         | X                         | X                           | X                              |                              |                               |                               | X                |                   | X               |
| ON1      |                              |                               |                            | X                          | X                        | X                         | X                         | X                           | X                              | X                            |                               |                               |                  |                   |                 |
| TN1      | X                            | X                             | X                          | X                          | X                        | X                         | X                         | X                           | X                              | X                            | X                             | X                             | X                |                   |                 |
| TN2      | X                            | X                             | X                          | X                          | X                        | X                         | X                         | X                           | X                              | X                            | X                             | X                             | X                |                   |                 |
| UT1      |                              |                               |                            |                            | X                        | X                         | X                         | X                           | X                              | X                            |                               |                               | X                | X                 |                 |
| VA1      |                              |                               |                            | X                          | X                        | X                         | X                         | X                           | X                              | X                            |                               |                               |                  |                   |                 |
| WA1      |                              |                               |                            | X                          | X                        | X                         | X                         | X                           | X                              | X                            |                               |                               | X                | X                 |                 |
| WI1      |                              |                               |                            |                            | X                        | X                         | X                         | X                           | X                              | X                            | X                             |                               | X                |                   | X               |
| WI2      |                              |                               |                            |                            | X                        | X                         | X                         | X                           | X                              | X                            | X                             |                               |                  |                   |                 |



TABLE B. (CONTINUED)

LOCATIONS AND DATA COLLECTED IN 2015

| LOCATION | SPRING DENSITY | SUMMER DENSITY | FALL DENSITY | PERCENT COVER SPRING | PERCENT COVER SUMMER | PERCENT COVER FALL | WINTER COLOR | PERCENT WINTER KILL | TYPHULA BLIGHT | LEAF SPOT | DOLLAR SPOT | BROWN PATCH WARMTEMP | SUMMER PATCH | CROWN RUST |
|----------|----------------|----------------|--------------|----------------------|----------------------|--------------------|--------------|---------------------|----------------|-----------|-------------|----------------------|--------------|------------|
| IA1      |                |                |              |                      |                      |                    |              |                     |                |           |             |                      |              |            |
| IL1      |                |                |              |                      |                      |                    |              |                     |                |           |             |                      |              |            |
| IL2      |                |                |              |                      |                      |                    |              |                     |                |           |             |                      |              |            |
| IN1      |                | X              |              |                      |                      |                    |              |                     |                |           |             |                      |              |            |
| KS1      |                |                |              |                      |                      |                    |              |                     |                |           |             |                      | X            |            |
| MA1      | X              |                |              |                      |                      |                    |              | X                   |                |           |             |                      |              |            |
| MD1      |                |                |              |                      |                      |                    |              |                     |                |           |             |                      |              |            |
| MI1      |                |                |              |                      |                      |                    |              |                     |                |           |             |                      |              |            |
| MI2      |                |                |              |                      |                      |                    |              |                     |                |           |             |                      |              |            |
| MN1      |                |                |              |                      |                      |                    |              |                     |                |           |             |                      |              |            |
| NC1      | X              | X              | X            | X                    | X                    | X                  | X            | X                   |                |           |             |                      | X            |            |
| NJ1      |                |                |              |                      |                      |                    |              |                     |                | X         |             |                      |              |            |
| NJ2      |                |                |              |                      |                      |                    |              |                     |                | X         |             |                      |              |            |
| NJ3      |                |                |              |                      |                      |                    |              |                     |                |           |             |                      |              |            |
| OK1      |                | X              |              | X                    | X                    | X                  |              |                     |                | X         | X           | X                    |              | X          |
| ON1      |                |                |              |                      |                      |                    |              |                     |                |           |             |                      |              |            |
| TN1      |                |                |              | X                    | X                    | X                  |              |                     |                |           |             |                      |              |            |
| TN2      | X              |                |              |                      |                      |                    |              |                     |                |           |             |                      |              |            |
| UT1      |                |                |              |                      |                      |                    |              |                     |                |           |             |                      |              |            |
| VA1      |                |                |              | X                    |                      | X                  |              |                     |                |           |             |                      | X            |            |
| WA1      |                |                |              |                      |                      |                    |              |                     |                |           |             |                      |              |            |
| WI1      |                |                |              | X                    | X                    | X                  |              | X                   | X              |           |             |                      |              |            |
| WI2      |                |                |              | X                    | X                    | X                  |              | X                   | X              |           |             |                      |              |            |

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2015

| LOCATION | COLOR<br>SEPTEMBER | FALL<br>SEEDHEAD<br>RATINGS | MOWING<br>QUALITY | UNIFORMITY<br>RATINGS | PERCENT<br>WEEDS | THATCH MEASUREMENTS |          | PERCENT          |                    |             |                      |   |
|----------|--------------------|-----------------------------|-------------------|-----------------------|------------------|---------------------|----------|------------------|--------------------|-------------|----------------------|---|
|          |                    |                             |                   |                       |                  | THATCH-1            | THATCH-2 | SUMMER<br>AUGUST | PATCH<br>SEPTEMBER | WEAR<br>MAY | TOLERANCE<br>OCTOBER |   |
| IA1      |                    |                             |                   | X                     |                  |                     |          |                  |                    |             |                      |   |
| IL1      |                    |                             |                   |                       |                  |                     |          |                  |                    |             |                      |   |
| IL2      |                    |                             |                   |                       |                  |                     |          |                  |                    |             |                      |   |
| IN1      |                    |                             |                   |                       |                  |                     |          |                  |                    |             |                      |   |
| KS1      |                    |                             |                   |                       |                  |                     |          |                  |                    |             |                      |   |
| MA1      |                    |                             |                   |                       |                  |                     |          |                  |                    |             | X                    | X |
| MD1      |                    |                             |                   |                       |                  |                     |          |                  |                    |             |                      |   |
| MI1      |                    |                             |                   |                       |                  |                     |          |                  |                    |             |                      |   |
| * MI2    |                    |                             |                   |                       |                  |                     |          |                  |                    |             |                      |   |
| MN1      |                    |                             |                   |                       |                  |                     |          |                  |                    |             |                      |   |
| NC1      |                    | X                           |                   |                       |                  |                     |          |                  |                    | X           |                      |   |
| NJ1      |                    |                             |                   |                       |                  |                     |          |                  |                    |             |                      |   |
| NJ2      |                    |                             |                   | X                     |                  |                     |          |                  |                    |             |                      |   |
| * NJ3    |                    |                             |                   |                       |                  |                     |          |                  |                    |             |                      |   |
| OK1      | X                  |                             |                   |                       |                  |                     |          |                  |                    |             |                      |   |
| ON1      |                    |                             |                   |                       |                  |                     |          |                  |                    |             |                      |   |
| TN1      |                    |                             |                   |                       |                  |                     |          |                  | X                  |             | X                    |   |
| * TN2    |                    |                             |                   |                       |                  |                     |          |                  |                    |             |                      |   |
| UT1      |                    |                             |                   |                       |                  |                     |          |                  |                    |             |                      |   |
| VA1      |                    |                             |                   |                       |                  |                     |          |                  |                    |             |                      |   |
| WA1      |                    |                             |                   |                       |                  |                     |          |                  |                    |             |                      |   |
| WI1      |                    |                             |                   |                       | X                |                     | X        | X                |                    |             |                      |   |
| WI2      |                    |                             |                   |                       |                  |                     | X        | X                |                    |             |                      |   |

\* MORE TRAFFIC DATA FOR MI2, NJ3 AND TN2 IN TABLE 13, 14 AND 15.

TABLE 1.

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 \*\*/  
2015 DATA  
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

| NAME                         | VA1 | OK1 | MEAN | NAME                        | VA1  | OK1  | MEAN |
|------------------------------|-----|-----|------|-----------------------------|------|------|------|
| * BARVETTE HGT (BAR VV 0709) | 8.1 | 5.3 | 6.7  | RAD-849                     | 5.2  | 3.8  | 4.5  |
| SRX 466                      | 7.3 | 5.2 | 6.2  | * SUDDEN IMPACT             | 4.8  | 4.0  | 4.4  |
| * OASIS (A98-344)            | 6.7 | 4.6 | 5.7  | * AMERICA                   | 5.0  | 3.8  | 4.4  |
| A05-360                      | 6.5 | 4.8 | 5.6  | * BLUE COAT (AKB 2282)      | 4.8  | 3.9  | 4.4  |
| PST-T10-18                   | 6.6 | 4.6 | 5.6  | * EMPIRE                    | 4.9  | 3.8  | 4.4  |
| * CABERNET                   | 6.6 | 4.7 | 5.6  | * AWARD                     | 4.7  | 3.9  | 4.3  |
| * KENBLUE                    | 6.9 | 4.1 | 5.5  | * KEENELAND (A04-342)       | 4.7  | 3.8  | 4.3  |
| PICK 033                     | 6.4 | 4.6 | 5.5  | A06-47                      | 4.8  | 3.8  | 4.3  |
| A98-363                      | 6.5 | 4.4 | 5.5  | * BARDUKE                   | 5.0  | 3.6  | 4.3  |
| J-1853                       | 6.2 | 4.6 | 5.4  | PICK MP07                   | 5.0  | 3.5  | 4.3  |
| * BLUE NOTE                  | 6.1 | 4.7 | 5.4  | A00-4199                    | 4.7  | 3.7  | 4.2  |
| A05-TB-382                   | 6.4 | 4.3 | 5.4  | PICK 4340                   | 4.6  | 3.9  | 4.2  |
| * THERMAL BLUE               | 6.3 | 4.3 | 5.3  | PICK TD8                    | 4.7  | 3.7  | 4.2  |
| A06-46                       | 5.9 | 4.7 | 5.3  | * BARON                     | 4.7  | 3.6  | 4.2  |
| * SKYE                       | 5.9 | 4.5 | 5.2  | * LUNAR (PST-07-261)        | 4.7  | 3.5  | 4.1  |
| H99-1653                     | 6.0 | 4.4 | 5.2  | PST-K4-3                    | 4.5  | 3.6  | 4.1  |
| MERLOT (LTP-08-6)            | 6.0 | 4.3 | 5.2  | BAR 8PP 504                 | 4.6  | 3.6  | 4.1  |
| BAR VV 118532                | 6.1 | 4.1 | 5.1  | BURL 06-11                  | 4.5  | 3.6  | 4.1  |
| BAR PP 119326                | 6.0 | 4.1 | 5.0  | A05-999                     | 4.5  | 3.5  | 4.0  |
| * ZINGER (A05-306)           | 6.0 | 4.1 | 5.0  | A00-2882                    | 4.3  | 3.6  | 4.0  |
| BAR VV 112916                | 6.0 | 4.1 | 5.0  | A01-1106                    | 4.3  | 3.6  | 4.0  |
| A05-361                      | 5.7 | 4.3 | 5.0  | * JACKRABBIT (PST-K10-106D) | 4.3  | 3.4  | 3.9  |
| BAR PP 110358                | 5.5 | 4.4 | 5.0  | A05-329                     | 4.5  | 3.3  | 3.9  |
| BLUEBANK (A03-1017)          | 5.4 | 4.4 | 4.9  | SRX 4338                    | 4.1  | 3.5  | 3.8  |
| * LEGEND (A10-1)             | 5.5 | 4.2 | 4.8  | * ARROWHEAD                 | 4.0  | 3.6  | 3.8  |
| BURL 3-51                    | 5.5 | 4.2 | 4.8  | PST-K9-90                   | 4.1  | 3.5  | 3.8  |
| * WATERWORKS (A05-204)       | 5.7 | 3.9 | 4.8  | * AVID                      | 4.2  | 3.3  | 3.8  |
| RAD-507                      | 5.5 | 4.0 | 4.8  | RAD-1492                    | 4.2  | 3.3  | 3.7  |
| J-1770                       | 5.2 | 4.3 | 4.7  | A06-26                      | 4.0  | 3.4  | 3.7  |
| * MAZAMA (A04-74)            | 5.3 | 4.2 | 4.7  | * ZEDOR (PPH 9131)          | 4.1  | 3.2  | 3.6  |
| * SHAMROCK                   | 5.4 | 3.9 | 4.7  | * RUBIX (4S2W)              | 3.9  | 3.4  | 3.6  |
| J-1136                       | 5.2 | 4.2 | 4.7  | BAR PP 119327               | 4.0  | 3.1  | 3.6  |
| * DAUNTLESS (A05-315)        | 5.3 | 4.0 | 4.6  | AKB 2555                    | 3.8  | 3.1  | 3.5  |
| SRX 5321                     | 5.2 | 4.0 | 4.6  | * BLACKJACK                 | 4.0  | 2.9  | 3.5  |
| * ARAMINTHA (PP 10847)       | 5.2 | 3.9 | 4.6  | * RUSH                      | 3.6  | 3.3  | 3.4  |
| * GEISHA (DPPP818)           | 5.3 | 3.8 | 4.6  | PST-K9-99                   | 3.9  | 3.0  | 3.4  |
| A04-36                       | 5.2 | 3.9 | 4.6  | PST-K9-97                   | 3.6  | 3.2  | 3.4  |
| A04-38                       | 5.1 | 4.0 | 4.5  | PICK TD9                    | 3.5  | 2.9  | 3.2  |
| * MIDNIGHT                   | 5.0 | 4.1 | 4.5  | BAR 12PP 612                | 3.2  | 2.8  | 3.0  |
| SRX 2758                     | 5.0 | 4.0 | 4.5  |                             |      |      |      |
| * ENDURANCE (PST-K4-7)       | 4.9 | 4.1 | 4.5  | LSD VALUE                   | 1.2  | 1.2  | 1.2  |
| 3733                         | 5.2 | 3.8 | 4.5  | C.V. (%)                    | 14.3 | 18.8 | 16.2 |
| * NU CHICAGO                 | 4.9 | 4.0 | 4.5  |                             |      |      |      |

\* COMMERCIALY AVAILABLE IN THE USA IN 2016.

\*\* ENTRIES WITHIN THIS TABLE ARE ORDERED BY THE OVERALL MEAN AND HAVE SIMILAR TURF QUALITY PERFORMANCES IN ALL TEST LOCATIONS INCLUDED IN THIS LPI GROUP. IF YOUR STATE IS NOT REPRESENTED, THEN CHOOSE A LPI GROUP THAT CONTAINS A LOCATION AND MANAGEMENT SIMILAR TO YOUR PLANTING CONDITIONS. FOR MORE INFORMATION ON LPI, GO TO [WWW.NTEP.ORG/LPI\\_Q&A.PDF](http://WWW.NTEP.ORG/LPI_Q&A.PDF)

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.

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 \*/  
2015 DATA  
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

| NAME                       | IN1 | WI1 | MEAN | NAME                      | IN1  | WI1  | MEAN |
|----------------------------|-----|-----|------|---------------------------|------|------|------|
| SRX 466                    | 6.1 | 5.8 | 6.0  | SHAMROCK                  | 5.1  | 4.8  | 5.0  |
| BARVETTE HGT (BAR VV 0709) | 6.0 | 5.7 | 5.9  | A06-47                    | 5.1  | 4.8  | 4.9  |
| A05-360                    | 5.9 | 5.6 | 5.8  | ARROWHEAD                 | 5.1  | 4.8  | 4.9  |
| BLUE NOTE                  | 5.9 | 5.6 | 5.8  | A04-36                    | 5.1  | 4.8  | 4.9  |
| A06-46                     | 5.9 | 5.6 | 5.8  | A01-1106                  | 5.1  | 4.8  | 4.9  |
| J-1853                     | 5.8 | 5.5 | 5.7  | A00-4199                  | 5.1  | 4.8  | 4.9  |
| BLUEBANK (A03-1017)        | 5.7 | 5.5 | 5.6  | PICK TD8                  | 5.0  | 4.7  | 4.9  |
| CABERNET                   | 5.7 | 5.4 | 5.6  | AMERICA                   | 5.0  | 4.7  | 4.9  |
| PST-T10-18                 | 5.7 | 5.4 | 5.5  | RAD-849                   | 5.0  | 4.7  | 4.9  |
| BAR PP 110358              | 5.7 | 5.4 | 5.5  | WATERWORKS (A05-204)      | 5.0  | 4.7  | 4.9  |
| SKYE                       | 5.6 | 5.4 | 5.5  | A00-2882                  | 5.0  | 4.7  | 4.8  |
| PICK 033                   | 5.6 | 5.3 | 5.5  | BURL 06-11                | 5.0  | 4.7  | 4.8  |
| OASIS (A98-344)            | 5.6 | 5.3 | 5.5  | 3733                      | 5.0  | 4.7  | 4.8  |
| J-1770                     | 5.6 | 5.3 | 5.5  | GEISHA (DPPP818)          | 5.0  | 4.7  | 4.8  |
| J-1136                     | 5.5 | 5.2 | 5.4  | PST-K4-3                  | 4.9  | 4.7  | 4.8  |
| MIDNIGHT                   | 5.5 | 5.2 | 5.4  | SRX 4338                  | 4.9  | 4.6  | 4.8  |
| H99-1653                   | 5.5 | 5.2 | 5.3  | PST-K9-90                 | 4.9  | 4.6  | 4.8  |
| A05-361                    | 5.5 | 5.2 | 5.3  | KENBLUE                   | 4.9  | 4.6  | 4.8  |
| MERLOT (LTP-08-6)          | 5.5 | 5.2 | 5.3  | RUSH                      | 4.9  | 4.6  | 4.8  |
| MAZAMA (A04-74)            | 5.4 | 5.2 | 5.3  | BAR 8PP 504               | 4.9  | 4.6  | 4.7  |
| ENDURANCE (PST-K4-7)       | 5.4 | 5.2 | 5.3  | RUBIX (4S2W)              | 4.9  | 4.6  | 4.7  |
| A98-363                    | 5.4 | 5.1 | 5.3  | BARON                     | 4.8  | 4.5  | 4.7  |
| SRX 2758                   | 5.4 | 5.1 | 5.2  | A06-26                    | 4.8  | 4.5  | 4.7  |
| NU CHICAGO                 | 5.4 | 5.1 | 5.2  | JACKRABBIT (PST-K10-106D) | 4.8  | 4.5  | 4.7  |
| BURL 3-51                  | 5.4 | 5.1 | 5.2  | A05-999                   | 4.8  | 4.5  | 4.6  |
| SUDDEN IMPACT              | 5.4 | 5.1 | 5.2  | BARDUKE                   | 4.8  | 4.5  | 4.6  |
| LEGEND (A10-1)             | 5.4 | 5.1 | 5.2  | LUNAR (PST-07-261)        | 4.8  | 4.5  | 4.6  |
| A05-TB-382                 | 5.3 | 5.0 | 5.2  | AVID                      | 4.7  | 4.4  | 4.6  |
| AWARD                      | 5.3 | 5.0 | 5.2  | RAD-1492                  | 4.7  | 4.4  | 4.5  |
| SRX 5321                   | 5.3 | 5.0 | 5.1  | PST-K9-97                 | 4.7  | 4.4  | 4.5  |
| PICK 4340                  | 5.3 | 5.0 | 5.1  | PICK MP07                 | 4.6  | 4.3  | 4.5  |
| THERMAL BLUE               | 5.3 | 5.0 | 5.1  | A05-329                   | 4.6  | 4.3  | 4.4  |
| BLUE COAT (AKB 2282)       | 5.3 | 5.0 | 5.1  | AKB 2555                  | 4.5  | 4.2  | 4.4  |
| A04-38                     | 5.2 | 4.9 | 5.1  | BAR PP 119327             | 4.5  | 4.2  | 4.4  |
| DAUNTLESS (A05-315)        | 5.2 | 4.9 | 5.1  | ZEDOR (PPH 9131)          | 4.5  | 4.2  | 4.4  |
| RAD-507                    | 5.2 | 4.9 | 5.1  | PST-K9-99                 | 4.4  | 4.1  | 4.3  |
| KEENELAND (A04-342)        | 5.2 | 4.9 | 5.1  | BAR 12PP 612              | 4.4  | 4.1  | 4.2  |
| ARAMINTHA (PP 10847)       | 5.2 | 4.9 | 5.0  | PICK TD9                  | 4.3  | 4.0  | 4.2  |
| EMPIRE                     | 5.2 | 4.9 | 5.0  | BLACKJACK                 | 4.2  | 3.9  | 4.0  |
| BAR VV 118532              | 5.2 | 4.9 | 5.0  |                           |      |      |      |
| BAR PP 119326              | 5.1 | 4.9 | 5.0  | LSD VALUE                 | 1.2  | 1.2  | 1.2  |
| BAR VV 112916              | 5.1 | 4.9 | 5.0  | C.V. (%)                  | 14.2 | 15.0 | 14.6 |
| ZINGER (A05-306)           | 5.1 | 4.8 | 5.0  |                           |      |      |      |

\* ENTRIES WITHIN THIS TABLE ARE ORDERED BY THE OVERALL MEAN AND HAVE SIMILAR TURF QUALITY PERFORMANCES IN ALL TEST LOCATIONS INCLUDED IN THIS LPI GROUP. IF YOUR STATE IS NOT REPRESENTED, THEN CHOOSE A LPI GROUP THAT CONTAINS A LOCATION AND MANAGEMENT SIMILAR TO YOUR PLANTING CONDITIONS. FOR MORE INFORMATION ON LPI, GO TO [WWW.NTEP.ORG/LPI\\_Q&A.PDF](http://WWW.NTEP.ORG/LPI_Q&A.PDF)

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.

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
 GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 3 \*/  
 2015 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

| NAME                       | KS1 | IL1 | MI1 | TN1 | IA1 | MN1 | NJ2 | MD1 | WA1 | MEAN |
|----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| A06-46                     | 7.7 | 6.2 | 6.9 | 8.4 | 7.2 | 5.9 | 6.0 | 6.0 | 6.2 | 6.9  |
| BLUE NOTE                  | 7.7 | 6.1 | 6.9 | 8.3 | 7.2 | 5.8 | 5.9 | 5.9 | 6.1 | 6.8  |
| BLUEBANK (A03-1017)        | 7.6 | 6.1 | 6.8 | 8.3 | 7.2 | 5.9 | 6.0 | 6.0 | 6.2 | 6.8  |
| J-1770                     | 7.5 | 6.0 | 6.8 | 8.2 | 7.1 | 5.9 | 6.0 | 6.0 | 6.2 | 6.8  |
| A05-360                    | 7.6 | 6.0 | 6.7 | 8.2 | 7.0 | 5.6 | 5.7 | 5.7 | 5.9 | 6.7  |
| MIDNIGHT                   | 7.4 | 5.9 | 6.7 | 8.1 | 7.0 | 5.8 | 5.9 | 5.9 | 6.1 | 6.7  |
| BAR PP 110358              | 7.4 | 5.9 | 6.7 | 8.1 | 7.0 | 5.7 | 5.8 | 5.8 | 6.0 | 6.7  |
| J-1853                     | 7.5 | 6.0 | 6.7 | 8.1 | 7.0 | 5.6 | 5.7 | 5.7 | 5.9 | 6.6  |
| SRX 466                    | 7.6 | 6.1 | 6.7 | 8.2 | 7.0 | 5.5 | 5.5 | 5.5 | 5.7 | 6.6  |
| ENDURANCE (PST-K4-7)       | 7.4 | 5.8 | 6.6 | 8.1 | 6.9 | 5.7 | 5.8 | 5.8 | 6.1 | 6.6  |
| J-1136                     | 7.4 | 5.8 | 6.6 | 8.1 | 6.9 | 5.7 | 5.8 | 5.8 | 6.0 | 6.6  |
| SUDDEN IMPACT              | 7.3 | 5.8 | 6.5 | 8.0 | 6.9 | 5.7 | 5.8 | 5.8 | 6.0 | 6.6  |
| NU CHICAGO                 | 7.3 | 5.8 | 6.5 | 8.0 | 6.9 | 5.6 | 5.7 | 5.7 | 6.0 | 6.5  |
| SRX 2758                   | 7.3 | 5.8 | 6.5 | 8.0 | 6.8 | 5.6 | 5.7 | 5.7 | 5.9 | 6.5  |
| SKYE                       | 7.3 | 5.8 | 6.5 | 8.0 | 6.8 | 5.5 | 5.6 | 5.6 | 5.8 | 6.5  |
| PICK 4340                  | 7.2 | 5.7 | 6.5 | 8.0 | 6.8 | 5.6 | 5.7 | 5.7 | 6.0 | 6.5  |
| AWARD                      | 7.2 | 5.7 | 6.5 | 8.0 | 6.8 | 5.6 | 5.7 | 5.7 | 6.0 | 6.5  |
| MAZAMA (A04-74)            | 7.3 | 5.8 | 6.5 | 8.0 | 6.8 | 5.5 | 5.6 | 5.6 | 5.9 | 6.5  |
| ARROWHEAD                  | 7.1 | 5.6 | 6.4 | 7.9 | 6.8 | 5.6 | 5.7 | 5.7 | 6.0 | 6.5  |
| CABERNET                   | 7.3 | 5.8 | 6.4 | 7.9 | 6.7 | 5.3 | 5.4 | 5.4 | 5.6 | 6.4  |
| BLUE COAT (AKB 2282)       | 7.1 | 5.6 | 6.4 | 7.9 | 6.7 | 5.5 | 5.6 | 5.6 | 5.8 | 6.4  |
| A05-361                    | 7.2 | 5.7 | 6.4 | 7.9 | 6.7 | 5.4 | 5.5 | 5.4 | 5.7 | 6.4  |
| KEENELAND (A04-342)        | 7.1 | 5.6 | 6.4 | 7.8 | 6.7 | 5.5 | 5.6 | 5.6 | 5.8 | 6.4  |
| RUSH                       | 7.0 | 5.5 | 6.3 | 7.8 | 6.7 | 5.6 | 5.7 | 5.7 | 6.0 | 6.4  |
| A01-1106                   | 7.0 | 5.5 | 6.3 | 7.8 | 6.6 | 5.5 | 5.6 | 5.6 | 5.8 | 6.3  |
| PICK 033                   | 7.2 | 5.7 | 6.4 | 7.8 | 6.6 | 5.2 | 5.3 | 5.3 | 5.5 | 6.3  |
| BURL 3-51                  | 7.1 | 5.6 | 6.3 | 7.8 | 6.6 | 5.3 | 5.4 | 5.4 | 5.6 | 6.3  |
| SRX 5321                   | 7.1 | 5.6 | 6.3 | 7.8 | 6.6 | 5.3 | 5.4 | 5.4 | 5.7 | 6.3  |
| LEGEND (A10-1)             | 7.1 | 5.6 | 6.3 | 7.8 | 6.6 | 5.3 | 5.4 | 5.4 | 5.6 | 6.3  |
| PST-T10-18                 | 7.2 | 5.7 | 6.3 | 7.8 | 6.6 | 5.1 | 5.2 | 5.2 | 5.4 | 6.3  |
| H99-1653                   | 7.1 | 5.6 | 6.3 | 7.8 | 6.6 | 5.2 | 5.3 | 5.3 | 5.5 | 6.3  |
| MERLOT (LTP-08-6)          | 7.1 | 5.6 | 6.3 | 7.7 | 6.6 | 5.2 | 5.3 | 5.3 | 5.5 | 6.3  |
| A04-38                     | 7.0 | 5.5 | 6.3 | 7.7 | 6.6 | 5.3 | 5.4 | 5.4 | 5.6 | 6.3  |
| EMPIRE                     | 7.0 | 5.5 | 6.2 | 7.7 | 6.6 | 5.3 | 5.4 | 5.4 | 5.6 | 6.2  |
| BARVETTE HGT (BAR VV 0709) | 7.3 | 5.8 | 6.4 | 7.8 | 6.6 | 5.0 | 5.0 | 5.0 | 5.2 | 6.2  |
| OASIS (A98-344)            | 7.1 | 5.6 | 6.3 | 7.7 | 6.6 | 5.1 | 5.2 | 5.2 | 5.4 | 6.2  |
| PST-K9-90                  | 6.9 | 5.4 | 6.2 | 7.7 | 6.5 | 5.4 | 5.5 | 5.5 | 5.7 | 6.2  |
| SRX 4338                   | 6.9 | 5.4 | 6.2 | 7.7 | 6.5 | 5.3 | 5.5 | 5.5 | 5.7 | 6.2  |
| A00-2882                   | 6.9 | 5.4 | 6.2 | 7.7 | 6.5 | 5.3 | 5.4 | 5.4 | 5.7 | 6.2  |
| RUBIX (4S2W)               | 6.9 | 5.4 | 6.2 | 7.6 | 6.5 | 5.4 | 5.5 | 5.5 | 5.7 | 6.2  |
| DAUNTLESS (A05-315)        | 7.0 | 5.5 | 6.2 | 7.7 | 6.5 | 5.2 | 5.3 | 5.3 | 5.5 | 6.2  |
| A06-47                     | 6.9 | 5.4 | 6.2 | 7.6 | 6.5 | 5.2 | 5.3 | 5.3 | 5.6 | 6.2  |
| A00-4199                   | 6.9 | 5.4 | 6.1 | 7.6 | 6.5 | 5.2 | 5.3 | 5.3 | 5.5 | 6.1  |
| ARAMINTHA (PP 10847)       | 6.9 | 5.4 | 6.2 | 7.6 | 6.5 | 5.2 | 5.2 | 5.2 | 5.5 | 6.1  |
| PICK TD8                   | 6.9 | 5.4 | 6.1 | 7.6 | 6.5 | 5.2 | 5.3 | 5.3 | 5.5 | 6.1  |

TABLE 3.

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 3 \*/  
2015 DATA  
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

| NAME                      | KS1  | IL1  | MI1  | TN1 | IA1  | MN1  | NJ2  | MD1  | WA1  | MEAN |
|---------------------------|------|------|------|-----|------|------|------|------|------|------|
| BURL 06-11                | 6.9  | 5.4  | 6.1  | 7.6 | 6.5  | 5.2  | 5.3  | 5.3  | 5.6  | 6.1  |
| A06-26                    | 6.8  | 5.3  | 6.1  | 7.6 | 6.4  | 5.3  | 5.4  | 5.4  | 5.6  | 6.1  |
| RAD-507                   | 6.9  | 5.4  | 6.1  | 7.6 | 6.4  | 5.1  | 5.1  | 5.1  | 5.4  | 6.1  |
| PST-K4-3                  | 6.8  | 5.3  | 6.1  | 7.5 | 6.4  | 5.2  | 5.3  | 5.3  | 5.5  | 6.1  |
| PST-K9-97                 | 6.7  | 5.2  | 6.0  | 7.5 | 6.4  | 5.3  | 5.4  | 5.4  | 5.6  | 6.1  |
| AMERICA                   | 6.8  | 5.3  | 6.0  | 7.5 | 6.3  | 5.0  | 5.1  | 5.1  | 5.3  | 6.0  |
| BAR 8PP 504               | 6.8  | 5.2  | 6.0  | 7.5 | 6.3  | 5.1  | 5.2  | 5.2  | 5.4  | 6.0  |
| A04-36                    | 6.8  | 5.3  | 6.0  | 7.5 | 6.3  | 5.0  | 5.1  | 5.0  | 5.3  | 6.0  |
| A98-363                   | 6.9  | 5.4  | 6.0  | 7.5 | 6.3  | 4.8  | 4.9  | 4.9  | 5.1  | 6.0  |
| JACKRABBIT (PST-K10-106D) | 6.7  | 5.2  | 6.0  | 7.4 | 6.3  | 5.1  | 5.2  | 5.2  | 5.4  | 6.0  |
| SHAMROCK                  | 6.8  | 5.3  | 6.0  | 7.4 | 6.3  | 4.9  | 5.0  | 5.0  | 5.2  | 6.0  |
| RAD-849                   | 6.8  | 5.3  | 6.0  | 7.4 | 6.3  | 5.0  | 5.0  | 5.0  | 5.3  | 6.0  |
| A05-TB-382                | 6.8  | 5.3  | 6.0  | 7.4 | 6.2  | 4.8  | 4.8  | 4.8  | 5.0  | 5.9  |
| AVID                      | 6.6  | 5.1  | 5.9  | 7.3 | 6.2  | 5.0  | 5.1  | 5.1  | 5.3  | 5.9  |
| A05-999                   | 6.6  | 5.1  | 5.9  | 7.3 | 6.2  | 4.9  | 5.0  | 5.0  | 5.3  | 5.9  |
| BARON                     | 6.6  | 5.1  | 5.9  | 7.3 | 6.2  | 4.9  | 5.0  | 5.0  | 5.2  | 5.9  |
| RAD-1492                  | 6.6  | 5.1  | 5.8  | 7.3 | 6.2  | 4.9  | 5.1  | 5.1  | 5.3  | 5.9  |
| THERMAL BLUE              | 6.8  | 5.3  | 5.9  | 7.4 | 6.2  | 4.7  | 4.8  | 4.8  | 5.0  | 5.9  |
| 3733                      | 6.7  | 5.2  | 5.9  | 7.3 | 6.2  | 4.8  | 4.9  | 4.9  | 5.1  | 5.9  |
| BAR VV 112916             | 6.7  | 5.2  | 5.9  | 7.3 | 6.1  | 4.7  | 4.8  | 4.8  | 5.0  | 5.8  |
| BAR PP 119326             | 6.7  | 5.2  | 5.9  | 7.3 | 6.1  | 4.7  | 4.8  | 4.8  | 5.0  | 5.8  |
| BAR VV 118532             | 6.7  | 5.2  | 5.9  | 7.3 | 6.1  | 4.7  | 4.8  | 4.8  | 5.0  | 5.8  |
| GEISHA (DPPP818)          | 6.6  | 5.1  | 5.8  | 7.3 | 6.1  | 4.8  | 4.8  | 4.8  | 5.0  | 5.8  |
| ZINGER (A05-306)          | 6.7  | 5.2  | 5.8  | 7.3 | 6.1  | 4.7  | 4.7  | 4.7  | 4.9  | 5.8  |
| AKB 2555                  | 6.5  | 5.0  | 5.8  | 7.2 | 6.1  | 4.9  | 5.0  | 5.0  | 5.2  | 5.8  |
| BAR 12PP 612              | 6.4  | 4.9  | 5.7  | 7.2 | 6.1  | 5.0  | 5.1  | 5.1  | 5.3  | 5.8  |
| LUNAR (PST-07-261)        | 6.5  | 5.0  | 5.8  | 7.2 | 6.1  | 4.8  | 4.9  | 4.9  | 5.1  | 5.8  |
| WATERWORKS (A05-204)      | 6.6  | 5.1  | 5.8  | 7.2 | 6.1  | 4.7  | 4.7  | 4.7  | 4.9  | 5.7  |
| BAR PP 119327             | 6.4  | 4.9  | 5.7  | 7.2 | 6.0  | 4.8  | 4.9  | 4.9  | 5.1  | 5.7  |
| BARDUKE                   | 6.5  | 5.0  | 5.7  | 7.2 | 6.0  | 4.7  | 4.8  | 4.8  | 5.0  | 5.7  |
| ZEDOR (PPH 9131)          | 6.4  | 4.9  | 5.7  | 7.1 | 6.0  | 4.8  | 4.9  | 4.9  | 5.1  | 5.7  |
| PST-K9-99                 | 6.3  | 4.8  | 5.6  | 7.1 | 5.9  | 4.7  | 4.8  | 4.8  | 5.1  | 5.6  |
| PICK TD9                  | 6.3  | 4.8  | 5.6  | 7.0 | 5.9  | 4.7  | 4.8  | 4.8  | 5.1  | 5.6  |
| A05-329                   | 6.4  | 4.8  | 5.6  | 7.0 | 5.9  | 4.6  | 4.7  | 4.7  | 4.9  | 5.6  |
| PICK MP07                 | 6.3  | 4.8  | 5.4  | 6.9 | 5.7  | 4.4  | 4.5  | 4.4  | 4.7  | 5.4  |
| BLACKJACK                 | 6.0  | 4.5  | 5.2  | 6.7 | 5.6  | 4.3  | 4.4  | 4.4  | 4.6  | 5.2  |
| KENBLUE                   | 6.2  | 4.6  | 5.2  | 6.7 | 5.4  | 3.8  | 3.9  | 3.9  | 4.0  | 5.1  |
| LSD VALUE                 | 1.2  | 1.2  | 1.2  | 1.2 | 1.2  | 1.2  | 1.2  | 1.2  | 1.2  | 1.2  |
| C.V. (%)                  | 10.5 | 13.5 | 11.9 | 9.6 | 11.3 | 14.2 | 13.9 | 13.9 | 13.3 | 11.9 |

\* ENTRIES WITHIN THIS TABLE ARE ORDERED BY THE OVERALL MEAN AND HAVE SIMILAR TURF QUALITY PERFORMANCES IN ALL TEST LOCATIONS INCLUDED IN THIS LPI GROUP. IF YOUR STATE IS NOT REPRESENTED, THEN CHOOSE A LPI GROUP THAT CONTAINS A LOCATION AND MANAGEMENT SIMILAR TO YOUR PLANTING CONDITIONS. FOR MORE INFORMATION ON LPI, GO TO [WWW.NTEP.ORG/LPI\\_Q&A.PDF](http://WWW.NTEP.ORG/LPI_Q&A.PDF)

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

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

TABLE 4.

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
 GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 4 \*/  
 2015 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

| NAME                      | NJ1 | UT1 | MEAN | NAME                       | NJ1  | UT1  | MEAN |
|---------------------------|-----|-----|------|----------------------------|------|------|------|
| RUSH                      | 7.3 | 6.4 | 6.8  | AVID                       | 6.3  | 5.3  | 5.8  |
| ARROWHEAD                 | 7.2 | 6.3 | 6.7  | RAD-1492                   | 6.3  | 5.3  | 5.8  |
| J-1770                    | 7.2 | 6.2 | 6.7  | DAUNTLESS (A05-315)        | 6.3  | 5.2  | 5.8  |
| BLUEBANK (A03-1017)       | 7.2 | 6.1 | 6.7  | ARAMINTHA (PP 10847)       | 6.3  | 5.2  | 5.7  |
| MIDNIGHT                  | 7.1 | 6.1 | 6.6  | PICK TD9                   | 6.2  | 5.2  | 5.7  |
| ENDURANCE (PST-K4-7)      | 7.1 | 6.1 | 6.6  | A05-999                    | 6.2  | 5.2  | 5.7  |
| PICK 4340                 | 7.1 | 6.1 | 6.6  | BAR PP 119327              | 6.2  | 5.2  | 5.7  |
| SUDDEN IMPACT             | 7.0 | 6.0 | 6.5  | AMERICA                    | 6.2  | 5.1  | 5.6  |
| A06-46                    | 7.1 | 6.0 | 6.5  | PST-K9-99                  | 6.1  | 5.1  | 5.6  |
| AWARD                     | 7.0 | 6.0 | 6.5  | ZEDOR (PPH 9131)           | 6.1  | 5.1  | 5.6  |
| RUBIX (4S2W)              | 6.9 | 6.0 | 6.4  | H99-1653                   | 6.1  | 5.0  | 5.6  |
| A01-1106                  | 6.9 | 5.9 | 6.4  | MERLOT (LTP-08-6)          | 6.1  | 5.0  | 5.6  |
| J-1136                    | 6.9 | 5.9 | 6.4  | BARON                      | 6.1  | 5.0  | 5.5  |
| NU CHICAGO                | 6.9 | 5.9 | 6.4  | RAD-507                    | 6.1  | 5.0  | 5.5  |
| SRX 2758                  | 6.9 | 5.9 | 6.4  | SRX 466                    | 6.1  | 4.9  | 5.5  |
| PST-K9-97                 | 6.9 | 5.9 | 6.4  | RAD-849                    | 6.0  | 5.0  | 5.5  |
| PST-K9-90                 | 6.9 | 5.9 | 6.4  | CABERNET                   | 6.1  | 4.9  | 5.5  |
| BLUE NOTE                 | 6.9 | 5.8 | 6.4  | A04-36                     | 6.0  | 4.9  | 5.5  |
| BAR PP 110358             | 6.9 | 5.8 | 6.4  | PICK 033                   | 6.0  | 4.9  | 5.4  |
| SRX 4338                  | 6.8 | 5.9 | 6.3  | LUNAR (PST-07-261)         | 5.9  | 4.9  | 5.4  |
| KEENELAND (A04-342)       | 6.8 | 5.8 | 6.3  | SHAMROCK                   | 5.9  | 4.8  | 5.4  |
| A06-26                    | 6.8 | 5.8 | 6.3  | 3733                       | 5.9  | 4.8  | 5.3  |
| BLUE COAT (AKB 2282)      | 6.8 | 5.8 | 6.3  | PST-T10-18                 | 5.9  | 4.7  | 5.3  |
| A00-2882                  | 6.7 | 5.7 | 6.2  | A05-329                    | 5.8  | 4.7  | 5.2  |
| MAZAMA (A04-74)           | 6.7 | 5.7 | 6.2  | BARDUKE                    | 5.8  | 4.7  | 5.2  |
| BAR 12PP 612              | 6.6 | 5.7 | 6.1  | OASIS (A98-344)            | 5.8  | 4.6  | 5.2  |
| BURL 06-11                | 6.6 | 5.5 | 6.1  | GEISHA (DPPP818)           | 5.7  | 4.6  | 5.2  |
| EMPIRE                    | 6.6 | 5.5 | 6.0  | BLACKJACK                  | 5.5  | 4.5  | 5.0  |
| J-1853                    | 6.6 | 5.5 | 6.0  | WATERWORKS (A05-204)       | 5.5  | 4.3  | 4.9  |
| SRX 5321                  | 6.5 | 5.5 | 6.0  | BAR VV 112916              | 5.5  | 4.3  | 4.9  |
| A05-360                   | 6.6 | 5.4 | 6.0  | BAR PP 119326              | 5.5  | 4.3  | 4.9  |
| A06-47                    | 6.5 | 5.5 | 6.0  | A98-363                    | 5.5  | 4.3  | 4.9  |
| SKYE                      | 6.5 | 5.4 | 6.0  | BAR VV 118532              | 5.5  | 4.3  | 4.9  |
| PICK TD8                  | 6.5 | 5.5 | 6.0  | A05-TB-382                 | 5.5  | 4.3  | 4.9  |
| PST-K4-3                  | 6.5 | 5.5 | 6.0  | ZINGER (A05-306)           | 5.4  | 4.3  | 4.9  |
| A00-4199                  | 6.5 | 5.5 | 6.0  | THERMAL BLUE               | 5.4  | 4.2  | 4.8  |
| A04-38                    | 6.5 | 5.4 | 5.9  | PICK MP07                  | 5.3  | 4.2  | 4.8  |
| JACKRABBIT (PST-K10-106D) | 6.4 | 5.4 | 5.9  | BARVETTE HGT (BAR VV 0709) | 5.2  | 3.9  | 4.6  |
| A05-361                   | 6.4 | 5.3 | 5.9  | KENBLUE                    | 4.1  | 2.8  | 3.5  |
| BURL 3-51                 | 6.4 | 5.3 | 5.9  |                            |      |      |      |
| LEGEND (A10-1)            | 6.4 | 5.3 | 5.8  | LSD VALUE                  | 1.2  | 1.2  | 1.2  |
| AKB 2555                  | 6.3 | 5.3 | 5.8  | C.V. (%)                   | 11.6 | 13.9 | 12.6 |
| BAR 8PP 504               | 6.3 | 5.3 | 5.8  |                            |      |      |      |

\* ENTRIES WITHIN THIS TABLE ARE ORDERED BY THE OVERALL MEAN AND HAVE SIMILAR TURF QUALITY PERFORMANCES IN ALL TEST LOCATIONS INCLUDED IN THIS LPI GROUP. IF YOUR STATE IS NOT REPRESENTED, THEN CHOOSE A LPI GROUP THAT CONTAINS A LOCATION AND MANAGEMENT SIMILAR TO YOUR PLANTING CONDITIONS. FOR MORE INFORMATION ON LPI, GO TO [WWW.NTEP.ORG/LPI\\_Q&A.PDF](http://WWW.NTEP.ORG/LPI_Q&A.PDF)

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  
GROWN AT ELEVEN LOCATIONS IN THE U.S. 1/  
MAINTAINED USING "SCHEDULE A" \*\*  
2015 DATA

| NAME                       | TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/ |     |     |     |     |     |     |     |     |     |     |      |
|----------------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
|                            | IL1  | KS1 | MI1 | MN1 | NJ1 | NJ2 | OK1 | TN1 | VA1 | WA1 | WI1 | MEAN |
| BLUE NOTE                  | 5.9  | 7.8 | 6.1 | 6.5 | 8.0 | 6.0 | 4.2 | 8.0 | 6.4 | 6.3 | 6.0 | 6.5  |
| A06-46                     | 6.1  | 7.2 | 5.9 | 5.8 | 7.8 | 6.1 | 4.7 | 7.8 | 6.8 | 5.8 | 5.4 | 6.3  |
| A05-360                    | 5.8  | 7.0 | 6.2 | 5.6 | 7.7 | 5.6 | 4.7 | 7.7 | 7.3 | 5.5 | 6.0 | 6.3  |
| BAR PP 110358              | 5.7  | 7.5 | 6.2 | 5.4 | 7.8 | 6.5 | 5.6 | 8.1 | 4.8 | 5.7 | 5.8 | 6.3  |
| SRX 466                    | 6.0  | 8.5 | 6.3 | 5.2 | 6.1 | 5.5 | 5.5 | 8.0 | 7.5 | 5.0 | 5.2 | 6.3  |
| BLUEBANK (A03-1017)        | 5.4  | 8.3 | 6.3 | 5.5 | 7.1 | 6.2 | 4.2 | 7.8 | 5.3 | 6.3 | 5.9 | 6.2  |
| BARVETTE HGT (BAR VV 0709) | 5.7  | 7.5 | 6.0 | 4.9 | 5.6 | 4.8 | 6.2 | 7.7 | 7.9 | 5.4 | 6.1 | 6.2  |
| J-1770                     | 6.0  | 8.0 | 6.2 | 5.1 | 7.2 | 6.4 | 4.0 | 7.8 | 5.0 | 5.4 | 6.9 | 6.2  |
| J-1853                     | 6.1  | 7.0 | 6.4 | 6.0 | 5.8 | 6.0 | 4.3 | 7.8 | 6.4 | 5.6 | 6.0 | 6.1  |
| MIDNIGHT                   | 5.7  | 7.0 | 5.8 | 6.1 | 7.7 | 6.0 | 3.6 | 8.1 | 5.3 | 5.7 | 6.1 | 6.1  |
| SKYE                       | 5.6  | 8.3 | 6.6 | 6.2 | 6.2 | 5.8 | 4.1 | 7.6 | 6.3 | 5.7 | 4.8 | 6.1  |
| ENDURANCE (PST-K4-7)       | 5.9  | 7.2 | 6.6 | 6.2 | 7.0 | 5.1 | 4.4 | 7.3 | 4.5 | 6.3 | 6.1 | 6.0  |
| PICK 4340                  | 5.1  | 7.9 | 6.2 | 5.7 | 6.9 | 5.8 | 6.2 | 7.7 | 4.0 | 6.0 | 4.8 | 6.0  |
| SRX 2758                   | 5.8  | 7.3 | 6.3 | 5.8 | 7.4 | 5.9 | 3.7 | 7.8 | 5.0 | 5.1 | 5.9 | 6.0  |
| PST-T10-18                 | 5.1  | 6.8 | 5.8 | 5.9 | 6.7 | 5.2 | 5.3 | 7.4 | 6.8 | 5.6 | 5.3 | 6.0  |
| H99-1653                   | 5.0  | 6.0 | 5.8 | 6.2 | 7.0 | 5.4 | 5.2 | 7.4 | 6.2 | 5.8 | 5.6 | 6.0  |
| J-1136                     | 6.0  | 6.8 | 5.9 | 5.7 | 6.1 | 6.2 | 4.0 | 7.7 | 4.9 | 5.8 | 6.5 | 6.0  |
| CABERNET                   | 5.3  | 7.1 | 6.4 | 5.7 | 6.0 | 5.5 | 4.2 | 7.6 | 7.1 | 5.5 | 4.9 | 5.9  |
| NU CHICAGO                 | 5.8  | 7.3 | 6.3 | 5.6 | 6.1 | 5.9 | 4.3 | 8.1 | 4.4 | 5.1 | 6.3 | 5.9  |
| A05-361                    | 5.6  | 7.3 | 5.4 | 5.3 | 7.0 | 6.1 | 4.1 | 7.5 | 6.0 | 5.6 | 5.2 | 5.9  |
| PICK 033                   | 6.2  | 8.3 | 6.2 | 4.2 | 6.5 | 5.7 | 3.2 | 8.0 | 7.3 | 4.7 | 4.7 | 5.9  |
| MERLOT (LTP-08-6)          | 6.0  | 7.5 | 6.2 | 5.9 | 6.0 | 5.3 | 4.1 | 7.7 | 6.3 | 5.1 | 5.0 | 5.9  |
| SUDDEN IMPACT              | 5.8  | 7.9 | 6.7 | 5.7 | 6.2 | 5.8 | 2.7 | 7.9 | 4.8 | 5.3 | 6.0 | 5.9  |
| SRX 5321                   | 5.3  | 6.6 | 6.6 | 6.2 | 7.1 | 5.4 | 3.9 | 7.5 | 5.0 | 5.5 | 5.3 | 5.9  |
| ARROWHEAD                  | 5.8  | 7.5 | 6.1 | 5.9 | 8.4 | 6.0 | 2.9 | 7.9 | 5.0 | 6.0 | 3.2 | 5.9  |
| KEENELAND (A04-342)        | 5.4  | 8.4 | 6.9 | 4.9 | 6.2 | 5.6 | 4.7 | 7.6 | 4.9 | 6.0 | 3.7 | 5.8  |
| MAZAMA (A04-74)            | 6.0  | 7.4 | 5.7 | 5.1 | 6.5 | 5.4 | 3.6 | 7.9 | 6.0 | 5.9 | 4.7 | 5.8  |
| AWARD                      | 4.7  | 7.7 | 6.0 | 5.7 | 6.6 | 5.5 | 3.8 | 7.7 | 4.3 | 5.5 | 6.4 | 5.8  |
| DAUNTLESS (A05-315)        | 5.8  | 7.3 | 6.1 | 5.1 | 6.5 | 5.2 | 4.6 | 7.6 | 4.8 | 6.2 | 4.8 | 5.8  |
| ARAMINTHA (PP 10847)       | 5.3  | 7.6 | 6.3 | 4.8 | 7.6 | 5.2 | 3.9 | 7.2 | 5.3 | 5.6 | 5.2 | 5.8  |
| LEGEND (A10-1)             | 6.1  | 6.8 | 6.1 | 5.6 | 5.5 | 5.9 | 2.9 | 7.6 | 5.7 | 5.5 | 6.0 | 5.8  |
| BLUE COAT (AKB 2282)       | 5.8  | 6.5 | 6.2 | 5.4 | 6.4 | 5.3 | 4.0 | 7.7 | 4.8 | 6.2 | 5.5 | 5.8  |
| OASIS (A98-344)            | 5.5  | 7.1 | 6.2 | 4.8 | 4.7 | 5.5 | 4.1 | 7.5 | 7.2 | 5.5 | 5.3 | 5.8  |
| EMPIRE                     | 5.9  | 7.3 | 5.9 | 4.7 | 6.2 | 5.8 | 4.1 | 7.7 | 4.8 | 6.2 | 5.0 | 5.8  |
| A04-38                     | 5.6  | 6.5 | 4.8 | 5.1 | 6.7 | 5.8 | 3.9 | 7.9 | 5.0 | 6.3 | 5.2 | 5.7  |
| A01-1106                   | 5.7  | 7.5 | 6.1 | 4.2 | 7.6 | 5.3 | 3.6 | 8.1 | 5.0 | 5.7 | 4.0 | 5.7  |
| RUBIX (4S2W)               | 5.7  | 5.7 | 5.9 | 5.7 | 8.0 | 5.8 | 2.9 | 7.6 | 3.8 | 6.2 | 5.1 | 5.7  |
| SRX 4338                   | 5.1  | 7.7 | 6.1 | 6.0 | 6.8 | 5.4 | 4.1 | 7.8 | 4.2 | 5.4 | 4.1 | 5.7  |
| A06-47                     | 5.5  | 7.0 | 6.7 | 5.8 | 6.4 | 5.5 | 3.2 | 7.8 | 5.6 | 5.4 | 3.4 | 5.7  |
| BURL 3-51                  | 5.6  | 7.9 | 5.6 | 5.1 | 5.3 | 5.3 | 4.7 | 7.8 | 5.0 | 4.9 | 5.2 | 5.7  |
| RUSH                       | 5.5  | 7.2 | 7.2 | 5.3 | 7.8 | 4.5 | 2.7 | 7.4 | 3.3 | 5.8 | 5.6 | 5.7  |
| THERMAL BLUE               | 5.6  | 6.8 | 6.1 | 4.8 | 6.4 | 4.6 | 4.1 | 7.2 | 6.3 | 5.3 | 5.1 | 5.7  |
| RAD-507                    | 5.5  | 7.2 | 6.4 | 5.6 | 5.4 | 5.0 | 4.3 | 7.7 | 5.3 | 5.2 | 4.3 | 5.6  |
| PICK TD8                   | 5.4  | 6.7 | 6.3 | 5.6 | 6.4 | 5.2 | 3.7 | 7.6 | 4.7 | 5.7 | 4.5 | 5.6  |



TABLE 5. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN AT ELEVEN LOCATIONS IN THE U.S. 1/  
MAINTAINED USING "SCHEDULE A" \*\*  
2015 DATA

| NAME                      | TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/ |      |     |      |      |     |      |     |      |      |      |      |
|---------------------------|--|------|-----|------|------|-----|------|-----|------|------|------|------|
|                           | IL1  | KS1  | MI1 | MN1  | NJ1  | NJ2 | OK1  | TN1 | VA1  | WA1  | WI1  | MEAN |
| A00-4199                  | 5.8  | 7.0  | 6.1 | 4.5  | 7.0  | 5.3 | 2.9  | 7.6 | 4.9  | 6.1  | 4.5  | 5.6  |
| A04-36                    | 5.6  | 5.9  | 6.2 | 5.3  | 6.4  | 5.4 | 3.9  | 7.8 | 4.9  | 5.0  | 5.3  | 5.6  |
| PST-K9-90                 | 5.5  | 5.5  | 6.6 | 6.2  | 7.1  | 5.6 | 2.7  | 7.7 | 4.2  | 4.9  | 5.6  | 5.6  |
| SHAMROCK                  | 5.7  | 6.1  | 6.2 | 4.9  | 6.8  | 4.7 | 4.0  | 7.6 | 5.5  | 5.6  | 4.3  | 5.6  |
| BURL 06-11                | 5.8  | 7.2  | 5.4 | 5.8  | 6.4  | 5.5 | 3.1  | 7.7 | 4.2  | 5.3  | 5.0  | 5.6  |
| PST-K4-3                  | 5.8  | 6.2  | 6.6 | 4.8  | 7.2  | 5.1 | 3.4  | 7.8 | 4.8  | 4.9  | 4.8  | 5.6  |
| RAD-849                   | 5.2  | 6.8  | 6.2 | 5.4  | 5.1  | 5.1 | 4.4  | 7.7 | 5.2  | 6.0  | 4.1  | 5.6  |
| BAR 8PP 504               | 4.5  | 7.2  | 6.3 | 4.6  | 6.9  | 5.5 | 4.7  | 7.2 | 4.7  | 5.9  | 4.0  | 5.6  |
| BAR VV 112916             | 5.0  | 5.8  | 6.3 | 4.8  | 6.8  | 4.5 | 4.1  | 7.4 | 5.9  | 5.0  | 5.3  | 5.5  |
| A05-TB-382                | 5.2  | 6.8  | 5.9 | 4.8  | 5.0  | 5.1 | 5.1  | 7.8 | 6.2  | 4.8  | 4.2  | 5.5  |
| BAR PP 119326             | 5.7  | 5.7  | 6.1 | 4.6  | 6.2  | 4.6 | 3.7  | 7.5 | 6.0  | 5.2  | 5.6  | 5.5  |
| A98-363                   | 5.1  | 6.6  | 5.8 | 5.0  | 5.1  | 5.2 | 3.5  | 7.7 | 7.1  | 4.4  | 5.3  | 5.5  |
| A06-26                    | 5.3  | 6.8  | 6.0 | 6.0  | 6.9  | 5.4 | 3.0  | 7.6 | 3.7  | 5.1  | 5.0  | 5.5  |
| A00-2882                  | 5.6  | 6.9  | 5.4 | 3.9  | 6.9  | 5.5 | 3.0  | 7.7 | 5.3  | 6.2  | 4.0  | 5.5  |
| ZINGER (A05-306)          | 5.0  | 6.5  | 6.3 | 4.7  | 5.5  | 4.8 | 3.7  | 7.0 | 5.8  | 5.9  | 5.4  | 5.5  |
| BAR VV 118532             | 5.6  | 7.0  | 6.4 | 4.9  | 4.0  | 4.7 | 3.9  | 7.6 | 5.4  | 5.4  | 5.0  | 5.5  |
| PST-K9-97                 | 5.5  | 6.7  | 6.1 | 5.6  | 6.6  | 5.3 | 3.3  | 7.5 | 3.5  | 5.7  | 4.3  | 5.5  |
| AMERICA                   | 4.8  | 8.0  | 6.3 | 4.8  | 5.3  | 5.3 | 4.0  | 7.4 | 4.5  | 5.1  | 4.0  | 5.4  |
| JACKRABBIT (PST-K10-106D) | 5.4  | 6.9  | 6.6 | 4.4  | 6.5  | 5.1 | 3.7  | 7.7 | 4.5  | 5.2  | 3.6  | 5.4  |
| A05-999                   | 5.1  | 5.6  | 5.9 | 5.2  | 7.2  | 5.0 | 2.9  | 7.5 | 5.1  | 5.7  | 3.9  | 5.4  |
| 3733                      | 5.1  | 7.6  | 6.4 | 4.6  | 6.1  | 4.7 | 3.4  | 7.4 | 5.2  | 3.9  | 4.6  | 5.4  |
| BARON                     | 4.8  | 6.0  | 6.0 | 4.4  | 5.8  | 4.7 | 4.5  | 7.6 | 4.1  | 5.7  | 5.2  | 5.3  |
| GEISHA (DPPP818)          | 5.2  | 6.8  | 6.1 | 4.3  | 5.3  | 4.3 | 3.6  | 7.4 | 5.2  | 6.1  | 4.2  | 5.3  |
| AVID                      | 5.6  | 5.8  | 6.3 | 4.9  | 5.5  | 5.7 | 2.5  | 7.7 | 4.0  | 5.6  | 4.8  | 5.3  |
| WATERWORKS (A05-204)      | 5.1  | 8.0  | 6.4 | 5.1  | 3.7  | 4.8 | 3.3  | 7.4 | 5.1  | 4.7  | 4.5  | 5.3  |
| LUNAR (PST-07-261)        | 5.0  | 7.1  | 6.3 | 4.4  | 6.0  | 4.8 | 4.8  | 7.8 | 4.5  | 4.0  | 3.0  | 5.3  |
| BARDUKE                   | 4.9  | 6.0  | 5.7 | 4.6  | 5.9  | 4.5 | 4.4  | 7.4 | 4.6  | 5.5  | 4.2  | 5.3  |
| BAR PP 119327             | 5.3  | 5.9  | 6.3 | 4.5  | 7.3  | 4.6 | 3.2  | 7.3 | 4.1  | 5.8  | 3.2  | 5.2  |
| ZEDOR (PPH 9131)          | 4.6  | 7.3  | 6.4 | 4.6  | 6.1  | 5.0 | 3.8  | 7.3 | 4.1  | 5.5  | 2.6  | 5.2  |
| PST-K9-99                 | 5.5  | 6.1  | 6.0 | 4.7  | 6.6  | 4.7 | 3.8  | 7.1 | 3.5  | 5.8  | 3.4  | 5.2  |
| BAR 12PP 612              | 4.7  | 7.0  | 5.8 | 4.7  | 5.6  | 5.1 | 3.6  | 7.7 | 2.7  | 6.4  | 3.8  | 5.2  |
| AKB 2555                  | 4.5  | 6.7  | 6.2 | 4.6  | 5.7  | 4.7 | 3.1  | 7.6 | 3.8  | 5.4  | 4.7  | 5.2  |
| RAD-1492                  | 4.6  | 5.1  | 6.3 | 5.6  | 5.5  | 4.6 | 4.0  | 7.9 | 3.5  | 4.4  | 5.0  | 5.1  |
| PICK MP07                 | 4.8  | 5.3  | 6.2 | 4.6  | 5.6  | 4.3 | 3.2  | 7.2 | 5.0  | 4.8  | 4.6  | 5.1  |
| PICK TD9                  | 5.2  | 6.2  | 5.9 | 5.5  | 4.7  | 4.7 | 2.4  | 7.3 | 3.4  | 5.8  | 3.8  | 5.0  |
| A05-329                   | 5.7  | 6.4  | 6.2 | 3.6  | 4.0  | 4.5 | 3.7  | 7.5 | 4.0  | 5.3  | 3.6  | 5.0  |
| KENBLUE                   | 5.0  | 6.2  | 5.9 | 3.1  | 3.8  | 3.1 | 4.3  | 7.2 | 6.0  | 4.4  | 5.0  | 4.9  |
| BLACKJACK                 | 3.9  | 6.2  | 6.3 | 4.0  | 5.4  | 3.9 | 3.0  | 7.4 | 3.9  | 4.8  | 3.4  | 4.7  |
| LSD VALUE                 | 0.8  | 1.6  | 0.9 | 1.2  | 1.8  | 0.6 | 1.5  | 0.4 | 1.8  | 1.0  | 1.3  | 0.4  |
| C.V. (%)                  | 9.4  | 14.5 | 8.2 | 14.0 | 17.4 | 7.5 | 24.7 | 3.6 | 21.5 | 11.9 | 16.5 | 13.8 |

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 6. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
 GROWN AT FOUR LOCATIONS IN THE U.S. 1/  
 MAINTAINED USING "SCHEDULE B" \*\*  
 2015 DATA

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

| NAME                 | IA1 | IN1 | MD1 | UT1 | MEAN |
|----------------------|-----|-----|-----|-----|------|
| BLUEBANK (A03-1017)  | 7.3 | 6.3 | 6.4 | 6.2 | 6.5  |
| A06-46               | 6.5 | 6.2 | 6.3 | 7.1 | 6.5  |
| J-1770               | 7.0 | 5.9 | 6.0 | 6.7 | 6.4  |
| J-1136               | 7.3 | 5.5 | 6.4 | 6.2 | 6.4  |
| SUDDEN IMPACT        | 6.7 | 6.0 | 6.0 | 6.5 | 6.3  |
| AWARD                | 7.0 | 5.8 | 6.0 | 6.4 | 6.3  |
| MAZAMA (A04-74)      | 7.0 | 5.6 | 5.6 | 6.9 | 6.3  |
| J-1853               | 7.0 | 5.8 | 6.0 | 6.2 | 6.2  |
| BURL 3-51            | 6.8 | 6.0 | 5.4 | 6.5 | 6.2  |
| MIDNIGHT             | 6.7 | 5.7 | 5.6 | 6.5 | 6.1  |
| NU CHICAGO           | 7.0 | 5.1 | 6.0 | 6.4 | 6.1  |
| ENDURANCE (PST-K4-7) | 6.4 | 5.7 | 6.3 | 6.0 | 6.1  |
| SRX 466              | 7.1 | 6.1 | 5.7 | 5.5 | 6.1  |
| A05-360              | 6.9 | 5.5 | 6.0 | 5.9 | 6.1  |
| A00-2882             | 7.0 | 4.7 | 5.9 | 6.6 | 6.0  |
| RUSH                 | 7.3 | 5.0 | 5.9 | 5.9 | 6.0  |
| BLUE COAT (AKB 2282) | 6.6 | 5.3 | 6.1 | 6.0 | 6.0  |
| BLUE NOTE            | 6.3 | 6.3 | 6.1 | 5.1 | 6.0  |
| CABERNET             | 6.6 | 6.0 | 6.0 | 5.2 | 5.9  |
| SRX 2758             | 6.9 | 5.3 | 5.6 | 5.9 | 5.9  |
| A01-1106             | 7.1 | 4.3 | 5.8 | 6.3 | 5.9  |
| OASIS (A98-344)      | 7.3 | 5.3 | 4.8 | 5.9 | 5.8  |
| ARROWHEAD            | 6.5 | 5.3 | 5.5 | 5.9 | 5.8  |
| SKYE                 | 6.1 | 5.5 | 6.0 | 5.6 | 5.8  |
| BAR PP 110358        | 6.3 | 5.8 | 6.5 | 4.6 | 5.8  |
| LEGEND (A10-1)       | 6.5 | 5.4 | 5.6 | 5.7 | 5.8  |
| A04-38               | 6.2 | 5.9 | 6.0 | 5.0 | 5.8  |
| PST-K9-90            | 6.4 | 5.6 | 5.0 | 6.0 | 5.8  |
| RAD-1492             | 6.8 | 5.2 | 5.3 | 5.8 | 5.8  |
| PICK 033             | 6.8 | 5.8 | 5.0 | 5.5 | 5.7  |
| KEENELAND (A04-342)  | 7.0 | 4.2 | 5.3 | 6.4 | 5.7  |
| A05-361              | 6.4 | 5.4 | 6.2 | 4.9 | 5.7  |
| PICK 4340            | 6.1 | 4.1 | 6.1 | 6.4 | 5.7  |
| AMERICA              | 6.5 | 5.5 | 5.7 | 4.9 | 5.7  |
| A00-4199             | 6.6 | 6.0 | 4.6 | 5.2 | 5.6  |
| A06-26               | 6.1 | 6.0 | 4.3 | 5.9 | 5.6  |
| BURL 06-11           | 6.0 | 5.8 | 5.1 | 5.4 | 5.6  |
| PST-K9-97            | 6.3 | 4.5 | 5.5 | 5.9 | 5.5  |
| A06-47               | 6.2 | 4.9 | 5.4 | 5.7 | 5.5  |
| SRX 5321             | 6.2 | 5.8 | 5.2 | 4.9 | 5.5  |
| EMPIRE               | 7.0 | 4.8 | 4.5 | 5.8 | 5.5  |
| A98-363              | 6.1 | 5.7 | 5.2 | 5.1 | 5.5  |
| PICK TD8             | 6.9 | 5.3 | 4.4 | 5.6 | 5.5  |
| SRX 4338             | 6.0 | 4.3 | 5.6 | 6.0 | 5.5  |

TABLE 6. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
 (CONT'D) GROWN AT FOUR LOCATIONS IN THE U.S. 1/  
 MAINTAINED USING "SCHEDULE B" \*\*  
 2015 DATA

| TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/ |     |      |      |      |      |
|--|-----|------|------|------|------|
| NAME   | IA1 | IN1  | MD1  | UT1  | MEAN |
| RAD-507  | 6.2 | 5.7  | 4.6  | 5.4  | 5.5  |
| MERLOT (LTP-08-6)                              | 7.0 | 5.0  | 4.1  | 5.6  | 5.4  |
| PST-K4-3                                       | 6.4 | 4.7  | 4.9  | 5.6  | 5.4  |
| JACKRABBIT (PST-K10-106D)                      | 6.1 | 4.5  | 5.4  | 5.5  | 5.4  |
| RUBIX (4S2W)                                   | 6.2 | 5.2  | 5.5  | 4.6  | 5.4  |
| PST-T10-18                                     | 5.9 | 5.6  | 5.6  | 4.3  | 5.3  |
| AVID   | 6.9 | 5.1  | 3.8  | 5.4  | 5.3  |
| 3733   | 6.7 | 4.7  | 5.3  | 4.6  | 5.3  |
| A05-329  | 6.8 | 4.2  | 4.7  | 5.4  | 5.3  |
| A05-TB-382                                     | 7.0 | 5.2  | 4.5  | 4.5  | 5.3  |
| AKB 2555                                       | 6.8 | 3.9  | 4.7  | 5.8  | 5.3  |
| H99-1653                                       | 6.0 | 5.0  | 5.6  | 4.6  | 5.3  |
| BARON  | 6.1 | 4.9  | 4.8  | 5.2  | 5.3  |
| DAUNTLESS (A05-315)                            | 6.1 | 5.2  | 5.2  | 4.6  | 5.3  |
| WATERWORKS (A05-204)                           | 6.5 | 5.4  | 4.5  | 4.6  | 5.2  |
| GEISHA (DPPP818)                               | 6.6 | 5.1  | 4.8  | 4.3  | 5.2  |
| LUNAR (PST-07-261)                             | 6.2 | 4.3  | 5.0  | 5.2  | 5.2  |
| A05-999  | 6.1 | 5.1  | 5.0  | 4.5  | 5.2  |
| SHAMROCK                                       | 6.4 | 5.5  | 4.5  | 4.2  | 5.2  |
| ARAMINTHA (PP 10847)                           | 6.1 | 4.6  | 5.7  | 4.2  | 5.1  |
| BAR 8PP 504                                    | 5.7 | 4.0  | 5.7  | 5.1  | 5.1  |
| A04-36   | 6.3 | 5.4  | 4.4  | 4.3  | 5.1  |
| BARVETTE HGT (BAR VV 0709)                     | 5.8 | 5.4  | 5.4  | 3.8  | 5.1  |
| BAR 12PP 612                                   | 5.8 | 3.5  | 5.8  | 5.2  | 5.1  |
| PICK TD9                                       | 6.2 | 4.0  | 4.7  | 5.3  | 5.1  |
| RAD-849  | 6.1 | 4.0  | 5.0  | 5.2  | 5.1  |
| BARDUKE  | 6.0 | 5.0  | 4.8  | 4.3  | 5.0  |
| BAR VV 118532                                  | 6.7 | 4.8  | 4.9  | 3.8  | 5.0  |
| BAR PP 119327                                  | 6.1 | 4.8  | 4.6  | 4.2  | 4.9  |
| ZEDOR (PPH 9131)                               | 6.1 | 3.9  | 4.8  | 4.7  | 4.9  |
| ZINGER (A05-306)                               | 5.8 | 5.3  | 4.9  | 3.4  | 4.9  |
| BAR VV 112916                                  | 6.2 | 5.0  | 4.9  | 3.2  | 4.8  |
| BAR PP 119326                                  | 6.0 | 5.1  | 4.6  | 3.7  | 4.8  |
| THERMAL BLUE                                   | 6.2 | 5.4  | 3.8  | 3.5  | 4.7  |
| PST-K9-99                                      | 6.0 | 4.0  | 4.6  | 4.0  | 4.7  |
| BLACKJACK                                      | 6.4 | 3.9  | 4.2  | 4.1  | 4.7  |
| PICK MP07                                      | 5.7 | 4.7  | 4.2  | 3.8  | 4.6  |
| KENBLUE  | 6.0 | 5.4  | 3.6  | 2.3  | 4.3  |
| LSD VALUE                                      | 0.7 | 1.0  | 1.0  | 0.8  | 0.5  |
| C.V. (%)                                       | 6.9 | 12.2 | 12.3 | 10.0 | 10.3 |

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 7.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN AT TWO LOCATIONS 1/  
IN THE NORTHEAST REGION  
2015 DATA

| TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/ |     |     |      |                            |      |     |      |
|--|-----|-----|------|----------------------------|------|-----|------|
| NAME   | NJ1 | NJ2 | MEAN | NAME                       | NJ1  | NJ2 | MEAN |
| BAR PP 110358                                  | 7.8 | 6.5 | 7.2  | DAUNTLESS (A05-315)        | 6.5  | 5.2 | 5.8  |
| ARROWHEAD                                      | 8.4 | 6.0 | 7.2  | BLUE COAT (AKB 2282)       | 6.4  | 5.3 | 5.8  |
| BLUE NOTE                                      | 8.0 | 6.0 | 7.0  | SRX 466                    | 6.1  | 5.5 | 5.8  |
| A06-46   | 7.8 | 6.1 | 6.9  | JACKRABBIT (PST-K10-106D)  | 6.5  | 5.1 | 5.8  |
| RUBIX (4S2W)                                   | 8.0 | 5.8 | 6.9  | PICK TD8                   | 6.4  | 5.2 | 5.8  |
| MIDNIGHT                                       | 7.7 | 6.0 | 6.9  | SHAMROCK                   | 6.8  | 4.7 | 5.8  |
| J-1770   | 7.2 | 6.4 | 6.8  | CABERNET                   | 6.0  | 5.5 | 5.7  |
| A05-360  | 7.7 | 5.6 | 6.7  | LEGEND (A10-1)             | 5.5  | 5.9 | 5.7  |
| BLUEBANK (A03-1017)                            | 7.1 | 6.2 | 6.7  | PST-K9-99                  | 6.6  | 4.7 | 5.7  |
| SRX 2758                                       | 7.4 | 5.9 | 6.7  | BAR VV 112916              | 6.8  | 4.5 | 5.7  |
| A05-361  | 7.0 | 6.1 | 6.5  | AVID                       | 5.5  | 5.7 | 5.6  |
| A01-1106                                       | 7.6 | 5.3 | 6.5  | MERLOT (LTP-08-6)          | 6.0  | 5.3 | 5.6  |
| ARAMINTHA (PP 10847)                           | 7.6 | 5.2 | 6.4  | THERMAL BLUE               | 6.4  | 4.6 | 5.5  |
| PST-K9-90                                      | 7.1 | 5.6 | 6.4  | ZEDOR (PPH 9131)           | 6.1  | 5.0 | 5.5  |
| PICK 4340                                      | 6.9 | 5.8 | 6.3  | BAR PP 119326              | 6.2  | 4.6 | 5.4  |
| SRX 5321                                       | 7.1 | 5.4 | 6.3  | 3733                       | 6.1  | 4.7 | 5.4  |
| H99-1653                                       | 7.0 | 5.4 | 6.2  | BAR 12PP 612               | 5.6  | 5.1 | 5.4  |
| A04-38   | 6.7 | 5.8 | 6.2  | LUNAR (PST-07-261)         | 6.0  | 4.8 | 5.4  |
| A00-2882                                       | 6.9 | 5.5 | 6.2  | AMERICA                    | 5.3  | 5.3 | 5.3  |
| PST-K4-3                                       | 7.2 | 5.1 | 6.2  | BURL 3-51                  | 5.3  | 5.3 | 5.3  |
| J-1136   | 6.1 | 6.2 | 6.2  | BARON                      | 5.8  | 4.7 | 5.2  |
| BAR 8PP 504                                    | 6.9 | 5.5 | 6.2  | BARDUKE                    | 5.9  | 4.5 | 5.2  |
| RUSH   | 7.8 | 4.5 | 6.2  | BARVETTE HGT (BAR VV 0709) | 5.6  | 4.8 | 5.2  |
| A00-4199                                       | 7.0 | 5.3 | 6.1  | RAD-507                    | 5.4  | 5.0 | 5.2  |
| A05-999  | 7.2 | 5.0 | 6.1  | AKB 2555                   | 5.7  | 4.7 | 5.2  |
| A06-26   | 6.9 | 5.4 | 6.1  | A98-363                    | 5.1  | 5.2 | 5.2  |
| SRX 4338                                       | 6.8 | 5.4 | 6.1  | RAD-849                    | 5.1  | 5.1 | 5.1  |
| AWARD  | 6.6 | 5.5 | 6.1  | ZINGER (A05-306)           | 5.5  | 4.8 | 5.1  |
| PICK 033                                       | 6.5 | 5.7 | 6.1  | OASIS (A98-344)            | 4.7  | 5.5 | 5.1  |
| ENDURANCE (PST-K4-7)                           | 7.0 | 5.1 | 6.1  | RAD-1492                   | 5.5  | 4.6 | 5.1  |
| SUDDEN IMPACT                                  | 6.2 | 5.8 | 6.0  | A05-TB-382                 | 5.0  | 5.1 | 5.0  |
| NU CHICAGO                                     | 6.1 | 5.9 | 6.0  | PICK MP07                  | 5.6  | 4.3 | 5.0  |
| SKYE   | 6.2 | 5.8 | 6.0  | GEISHA (DPPP818)           | 5.3  | 4.3 | 4.8  |
| EMPIRE   | 6.2 | 5.8 | 6.0  | PICK TD9                   | 4.7  | 4.7 | 4.7  |
| MAZAMA (A04-74)                                | 6.5 | 5.4 | 6.0  | BLACKJACK                  | 5.4  | 3.9 | 4.6  |
| PST-K9-97                                      | 6.6 | 5.3 | 6.0  | BAR VV 118532              | 4.0  | 4.7 | 4.4  |
| A06-47   | 6.4 | 5.5 | 5.9  | A05-329                    | 4.0  | 4.5 | 4.3  |
| BURL 06-11                                     | 6.4 | 5.5 | 5.9  | WATERWORKS (A05-204)       | 3.7  | 4.8 | 4.2  |
| PST-T10-18                                     | 6.7 | 5.2 | 5.9  | KENBLUE                    | 3.8  | 3.1 | 3.4  |
| BAR PP 119327                                  | 7.3 | 4.6 | 5.9  |                            |      |     |      |
| KEENELAND (A04-342)                            | 6.2 | 5.6 | 5.9  | LSD VALUE                  | 1.8  | 0.6 | 0.9  |
| J-1853   | 5.8 | 6.0 | 5.9  | C.V. (%)                   | 17.4 | 7.5 | 14.3 |
| A04-36   | 6.4 | 5.4 | 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 8. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN AT FIVE LOCATIONS 1/  
IN THE TRANSITION REGION  
2015 DATA

| TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/ |     |     |     |     |     |      |
|--|-----|-----|-----|-----|-----|------|
| NAME   | KS1 | MD1 | OK1 | TN1 | VA1 | MEAN |
| SRX 466  | 8.5 | 5.7 | 5.5 | 8.0 | 7.5 | 7.0  |
| BARVETTE HGT (BAR VV 0709)                     | 7.5 | 5.4 | 6.2 | 7.7 | 7.9 | 6.9  |
| A05-360  | 7.0 | 6.0 | 4.7 | 7.7 | 7.3 | 6.6  |
| A06-46   | 7.2 | 6.3 | 4.7 | 7.8 | 6.8 | 6.6  |
| BLUE NOTE                                      | 7.8 | 6.1 | 4.2 | 8.0 | 6.4 | 6.5  |
| BAR PP 110358                                  | 7.5 | 6.5 | 5.6 | 8.1 | 4.8 | 6.5  |
| SKYE   | 8.3 | 6.0 | 4.1 | 7.6 | 6.3 | 6.5  |
| CABERNET                                       | 7.1 | 6.0 | 4.2 | 7.6 | 7.1 | 6.4  |
| BLUEBANK (A03-1017)                            | 8.3 | 6.4 | 4.2 | 7.8 | 5.3 | 6.4  |
| PICK 4340                                      | 7.9 | 6.1 | 6.2 | 7.7 | 4.0 | 6.4  |
| PST-T10-18                                     | 6.8 | 5.6 | 5.3 | 7.4 | 6.8 | 6.4  |
| PICK 033                                       | 8.3 | 5.0 | 3.2 | 8.0 | 7.3 | 6.4  |
| J-1853   | 7.0 | 6.0 | 4.3 | 7.8 | 6.4 | 6.3  |
| A05-361  | 7.3 | 6.2 | 4.1 | 7.5 | 6.0 | 6.2  |
| KEENELAND (A04-342)                            | 8.4 | 5.3 | 4.7 | 7.6 | 4.9 | 6.2  |
| J-1770   | 8.0 | 6.0 | 4.0 | 7.8 | 5.0 | 6.1  |
| BURL 3-51                                      | 7.9 | 5.4 | 4.7 | 7.8 | 5.0 | 6.1  |
| OASIS (A98-344)                                | 7.1 | 4.8 | 4.1 | 7.5 | 7.2 | 6.1  |
| MAZAMA (A04-74)                                | 7.4 | 5.6 | 3.6 | 7.9 | 6.0 | 6.1  |
| A05-TB-382                                     | 6.8 | 4.5 | 5.1 | 7.8 | 6.2 | 6.1  |
| H99-1653                                       | 6.0 | 5.6 | 5.2 | 7.4 | 6.2 | 6.1  |
| A98-363  | 6.6 | 5.2 | 3.5 | 7.7 | 7.1 | 6.0  |
| NU CHICAGO                                     | 7.3 | 6.0 | 4.3 | 8.1 | 4.4 | 6.0  |
| A01-1106                                       | 7.5 | 5.8 | 3.6 | 8.1 | 5.0 | 6.0  |
| J-1136   | 6.8 | 6.4 | 4.0 | 7.7 | 4.9 | 6.0  |
| MERLOT (LTP-08-6)                              | 7.5 | 4.1 | 4.1 | 7.7 | 6.3 | 6.0  |
| MIDNIGHT                                       | 7.0 | 5.6 | 3.6 | 8.1 | 5.3 | 5.9  |
| ARAMINTHA (PP 10847)                           | 7.6 | 5.7 | 3.9 | 7.2 | 5.3 | 5.9  |
| AMERICA  | 8.0 | 5.7 | 4.0 | 7.4 | 4.5 | 5.9  |
| ENDURANCE (PST-K4-7)                           | 7.2 | 6.3 | 4.4 | 7.3 | 4.5 | 5.9  |
| DAUNTLESS (A05-315)                            | 7.3 | 5.2 | 4.6 | 7.6 | 4.8 | 5.9  |
| SRX 2758                                       | 7.3 | 5.6 | 3.7 | 7.8 | 5.0 | 5.9  |
| BAR 8PP 504                                    | 7.2 | 5.7 | 4.7 | 7.2 | 4.7 | 5.9  |
| AWARD  | 7.7 | 6.0 | 3.8 | 7.7 | 4.3 | 5.9  |
| A04-38   | 6.5 | 6.0 | 3.9 | 7.9 | 5.0 | 5.9  |
| SUDDEN IMPACT                                  | 7.9 | 6.0 | 2.7 | 7.9 | 4.8 | 5.9  |
| SRX 4338                                       | 7.7 | 5.6 | 4.1 | 7.8 | 4.2 | 5.9  |
| LUNAR (PST-07-261)                             | 7.1 | 5.0 | 4.8 | 7.8 | 4.5 | 5.8  |
| RAD-849  | 6.8 | 5.0 | 4.4 | 7.7 | 5.2 | 5.8  |
| RAD-507  | 7.2 | 4.6 | 4.3 | 7.7 | 5.3 | 5.8  |
| A06-47   | 7.0 | 5.4 | 3.2 | 7.8 | 5.6 | 5.8  |
| BLUE COAT (AKB 2282)                           | 6.5 | 6.1 | 4.0 | 7.7 | 4.8 | 5.8  |
| 3733   | 7.6 | 5.3 | 3.4 | 7.4 | 5.2 | 5.8  |
| BAR VV 118532                                  | 7.0 | 4.9 | 3.9 | 7.6 | 5.4 | 5.8  |

TABLE 8. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
(CONT'D) GROWN AT FIVE LOCATIONS 1/  
IN THE TRANSITION REGION  
2015 DATA

| NAME                      | TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/ |      |      |     |      | MEAN |
|---------------------------|--|------|------|-----|------|------|
|                           | KS1  | MD1  | OK1  | TN1 | VA1  |      |
| A00-2882                  | 6.9  | 5.9  | 3.0  | 7.7 | 5.3  | 5.8  |
| LEGEND (A10-1)            | 6.8  | 5.6  | 2.9  | 7.6 | 5.7  | 5.7  |
| ARROWHEAD                 | 7.5  | 5.5  | 2.9  | 7.9 | 5.0  | 5.7  |
| EMPIRE                    | 7.3  | 4.5  | 4.1  | 7.7 | 4.8  | 5.7  |
| SRX 5321                  | 6.6  | 5.2  | 3.9  | 7.5 | 5.0  | 5.7  |
| WATERWORKS (A05-204)      | 8.0  | 4.5  | 3.3  | 7.4 | 5.1  | 5.7  |
| JACKRABBIT (PST-K10-106D) | 6.9  | 5.4  | 3.7  | 7.7 | 4.5  | 5.6  |
| BAR VV 112916             | 5.8  | 4.9  | 4.1  | 7.4 | 5.9  | 5.6  |
| THERMAL BLUE              | 6.8  | 3.8  | 4.1  | 7.2 | 6.3  | 5.6  |
| ZINGER (A05-306)          | 6.5  | 4.9  | 3.7  | 7.0 | 5.8  | 5.6  |
| GEISHA (DPPP818)          | 6.8  | 4.8  | 3.6  | 7.4 | 5.2  | 5.6  |
| SHAMROCK                  | 6.1  | 4.5  | 4.0  | 7.6 | 5.5  | 5.6  |
| BAR PP 119326             | 5.7  | 4.6  | 3.7  | 7.5 | 6.0  | 5.5  |
| BURL 06-11                | 7.2  | 5.1  | 3.1  | 7.7 | 4.2  | 5.5  |
| ZEDOR (PPH 9131)          | 7.3  | 4.8  | 3.8  | 7.3 | 4.1  | 5.5  |
| KENBLUE                   | 6.2  | 3.6  | 4.3  | 7.2 | 6.0  | 5.5  |
| BARDUKE                   | 6.0  | 4.8  | 4.4  | 7.4 | 4.6  | 5.4  |
| PST-K4-3                  | 6.2  | 4.9  | 3.4  | 7.8 | 4.8  | 5.4  |
| PICK TD8                  | 6.7  | 4.4  | 3.7  | 7.6 | 4.7  | 5.4  |
| BARON                     | 6.0  | 4.8  | 4.5  | 7.6 | 4.1  | 5.4  |
| A00-4199                  | 7.0  | 4.6  | 2.9  | 7.6 | 4.9  | 5.4  |
| BAR 12PP 612              | 7.0  | 5.8  | 3.6  | 7.7 | 2.7  | 5.4  |
| A04-36                    | 5.9  | 4.4  | 3.9  | 7.8 | 4.9  | 5.3  |
| RUSH                      | 7.2  | 5.9  | 2.7  | 7.4 | 3.3  | 5.3  |
| PST-K9-97                 | 6.7  | 5.5  | 3.3  | 7.5 | 3.5  | 5.3  |
| A05-329                   | 6.4  | 4.7  | 3.7  | 7.5 | 4.0  | 5.3  |
| A05-999                   | 5.6  | 5.0  | 2.9  | 7.5 | 5.1  | 5.2  |
| AKB 2555                  | 6.7  | 4.7  | 3.1  | 7.6 | 3.8  | 5.2  |
| RAD-1492                  | 5.1  | 5.3  | 4.0  | 7.9 | 3.5  | 5.2  |
| RUBIX (4S2W)              | 5.7  | 5.5  | 2.9  | 7.6 | 3.8  | 5.1  |
| A06-26                    | 6.8  | 4.3  | 3.0  | 7.6 | 3.7  | 5.1  |
| PST-K9-99                 | 6.1  | 4.6  | 3.8  | 7.1 | 3.5  | 5.0  |
| BAR PP 119327             | 5.9  | 4.6  | 3.2  | 7.3 | 4.1  | 5.0  |
| PST-K9-90                 | 5.5  | 5.0  | 2.7  | 7.7 | 4.2  | 5.0  |
| PICK MP07                 | 5.3  | 4.2  | 3.2  | 7.2 | 5.0  | 5.0  |
| BLACKJACK                 | 6.2  | 4.2  | 3.0  | 7.4 | 3.9  | 4.9  |
| PICK TD9                  | 6.2  | 4.7  | 2.4  | 7.3 | 3.4  | 4.8  |
| AVID                      | 5.8  | 3.8  | 2.5  | 7.7 | 4.0  | 4.8  |
| LSD VALUE                 | 1.6  | 1.0  | 1.5  | 0.4 | 1.8  | 0.6  |
| C.V. (%)                  | 14.5   | 12.3 | 24.7 | 3.6 | 21.5 | 14.8 |

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 9. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN AT SIX LOCATIONS 1/  
IN THE NORTH CENTRAL REGION  
2015 DATA

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

| NAME                       | IA1 | IL1 | IN1 | MI1 | MN1 | WI1 | MEAN |
|----------------------------|-----|-----|-----|-----|-----|-----|------|
| J-1853                     | 7.0 | 6.1 | 5.8 | 6.4 | 6.0 | 6.0 | 6.2  |
| BLUE NOTE                  | 6.3 | 5.9 | 6.3 | 6.1 | 6.5 | 6.0 | 6.2  |
| J-1770                     | 7.0 | 6.0 | 5.9 | 6.2 | 5.1 | 6.9 | 6.2  |
| ENDURANCE (PST-K4-7)       | 6.4 | 5.9 | 5.7 | 6.6 | 6.2 | 6.1 | 6.1  |
| J-1136                     | 7.3 | 6.0 | 5.5 | 5.9 | 5.7 | 6.5 | 6.1  |
| SUDDEN IMPACT              | 6.7 | 5.8 | 6.0 | 6.7 | 5.7 | 6.0 | 6.1  |
| BLUEBANK (A03-1017)        | 7.3 | 5.4 | 6.3 | 6.3 | 5.5 | 5.9 | 6.1  |
| MIDNIGHT                   | 6.7 | 5.7 | 5.7 | 5.8 | 6.1 | 6.1 | 6.0  |
| NU CHICAGO                 | 7.0 | 5.8 | 5.1 | 6.3 | 5.6 | 6.3 | 6.0  |
| A06-46                     | 6.5 | 6.1 | 6.2 | 5.9 | 5.8 | 5.4 | 6.0  |
| SRX 466                    | 7.1 | 6.0 | 6.1 | 6.3 | 5.2 | 5.2 | 6.0  |
| RUSH                       | 7.3 | 5.5 | 5.0 | 7.2 | 5.3 | 5.6 | 6.0  |
| PST-K9-90                  | 6.4 | 5.5 | 5.6 | 6.6 | 6.2 | 5.6 | 6.0  |
| A05-360                    | 6.9 | 5.8 | 5.5 | 6.2 | 5.6 | 6.0 | 6.0  |
| SRX 2758                   | 6.9 | 5.8 | 5.3 | 6.3 | 5.8 | 5.9 | 6.0  |
| AWARD                      | 7.0 | 4.7 | 5.8 | 6.0 | 5.7 | 6.4 | 5.9  |
| LEGEND (A10-1)             | 6.5 | 6.1 | 5.4 | 6.1 | 5.6 | 6.0 | 5.9  |
| SRX 5321                   | 6.2 | 5.3 | 5.8 | 6.6 | 6.2 | 5.3 | 5.9  |
| BAR PP 110358              | 6.3 | 5.7 | 5.8 | 6.2 | 5.4 | 5.8 | 5.8  |
| MERLOT (LTP-08-6)          | 7.0 | 6.0 | 5.0 | 6.2 | 5.9 | 5.0 | 5.8  |
| CABERNET                   | 6.6 | 5.3 | 6.0 | 6.4 | 5.7 | 4.9 | 5.8  |
| BLUE COAT (AKB 2282)       | 6.6 | 5.8 | 5.3 | 6.2 | 5.4 | 5.5 | 5.8  |
| SKYE                       | 6.1 | 5.6 | 5.5 | 6.6 | 6.2 | 4.8 | 5.8  |
| OASIS (A98-344)            | 7.3 | 5.5 | 5.3 | 6.2 | 4.8 | 5.3 | 5.8  |
| A06-26                     | 6.1 | 5.3 | 6.0 | 6.0 | 6.0 | 5.0 | 5.7  |
| BURL 3-51                  | 6.8 | 5.6 | 6.0 | 5.6 | 5.1 | 5.2 | 5.7  |
| A04-36                     | 6.3 | 5.6 | 5.4 | 6.2 | 5.3 | 5.3 | 5.7  |
| MAZAMA (A04-74)            | 7.0 | 6.0 | 5.6 | 5.7 | 5.1 | 4.7 | 5.7  |
| BARVETTE HGT (BAR VV 0709) | 5.8 | 5.7 | 5.4 | 6.0 | 4.9 | 6.1 | 5.7  |
| PICK TD8                   | 6.9 | 5.4 | 5.3 | 6.3 | 5.6 | 4.5 | 5.7  |
| RUBIX (4S2W)               | 6.2 | 5.7 | 5.2 | 5.9 | 5.7 | 5.1 | 5.7  |
| PICK 033                   | 6.8 | 6.2 | 5.8 | 6.2 | 4.2 | 4.7 | 5.6  |
| BURL 06-11                 | 6.0 | 5.8 | 5.8 | 5.4 | 5.8 | 5.0 | 5.6  |
| RAD-507                    | 6.2 | 5.5 | 5.7 | 6.4 | 5.6 | 4.3 | 5.6  |
| AVID                       | 6.9 | 5.6 | 5.1 | 6.3 | 4.9 | 4.8 | 5.6  |
| PST-T10-18                 | 5.9 | 5.1 | 5.6 | 5.8 | 5.9 | 5.3 | 5.6  |
| H99-1653                   | 6.0 | 5.0 | 5.0 | 5.8 | 6.2 | 5.6 | 5.6  |
| A00-4199                   | 6.6 | 5.8 | 6.0 | 6.1 | 4.5 | 4.5 | 5.6  |
| BAR VV 118532              | 6.7 | 5.6 | 4.8 | 6.4 | 4.9 | 5.0 | 5.6  |
| RAD-1492                   | 6.8 | 4.6 | 5.2 | 6.3 | 5.6 | 5.0 | 5.6  |
| A05-361                    | 6.4 | 5.6 | 5.4 | 5.4 | 5.3 | 5.2 | 5.6  |
| EMPIRE                     | 7.0 | 5.9 | 4.8 | 5.9 | 4.7 | 5.0 | 5.6  |
| THERMAL BLUE               | 6.2 | 5.6 | 5.4 | 6.1 | 4.8 | 5.1 | 5.5  |
| PST-K4-3                   | 6.4 | 5.8 | 4.7 | 6.6 | 4.8 | 4.8 | 5.5  |

TABLE 9. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
(CONT'D) GROWN AT SIX LOCATIONS 1/  
IN THE NORTH CENTRAL REGION  
2015 DATA

| NAME                      | TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/ |     |      |     |      |      | MEAN |
|---------------------------|--|-----|------|-----|------|------|------|
|                           | IA1  | IL1 | IN1  | MI1 | MN1  | WI1  |      |
| A98-363                   | 6.1  | 5.1 | 5.7  | 5.8 | 5.0  | 5.3  | 5.5  |
| DAUNTLESS (A05-315)       | 6.1  | 5.8 | 5.2  | 6.1 | 5.1  | 4.8  | 5.5  |
| SHAMROCK                  | 6.4  | 5.7 | 5.5  | 6.2 | 4.9  | 4.3  | 5.5  |
| WATERWORKS (A05-204)      | 6.5  | 5.1 | 5.4  | 6.4 | 5.1  | 4.5  | 5.5  |
| BAR PP 119326             | 6.0  | 5.7 | 5.1  | 6.1 | 4.6  | 5.6  | 5.5  |
| ARROWHEAD                 | 6.5  | 5.8 | 5.3  | 6.1 | 5.9  | 3.2  | 5.5  |
| A04-38                    | 6.2  | 5.6 | 5.9  | 4.8 | 5.1  | 5.2  | 5.5  |
| BAR VV 112916             | 6.2  | 5.0 | 5.0  | 6.3 | 4.8  | 5.3  | 5.4  |
| A06-47                    | 6.2  | 5.5 | 4.9  | 6.7 | 5.8  | 3.4  | 5.4  |
| ZINGER (A05-306)          | 5.8  | 5.0 | 5.3  | 6.3 | 4.7  | 5.4  | 5.4  |
| A05-TB-382                | 7.0  | 5.2 | 5.2  | 5.9 | 4.8  | 4.2  | 5.4  |
| ARAMINTHA (PP 10847)      | 6.1  | 5.3 | 4.6  | 6.3 | 4.8  | 5.2  | 5.4  |
| PST-K9-97                 | 6.3  | 5.5 | 4.5  | 6.1 | 5.6  | 4.3  | 5.4  |
| KEENELAND (A04-342)       | 7.0  | 5.4 | 4.2  | 6.9 | 4.9  | 3.7  | 5.4  |
| PICK 4340                 | 6.1  | 5.1 | 4.1  | 6.2 | 5.7  | 4.8  | 5.3  |
| 3733                      | 6.7  | 5.1 | 4.7  | 6.4 | 4.6  | 4.6  | 5.3  |
| AMERICA                   | 6.5  | 4.8 | 5.5  | 6.3 | 4.8  | 4.0  | 5.3  |
| SRX 4338                  | 6.0  | 5.1 | 4.3  | 6.1 | 6.0  | 4.1  | 5.3  |
| GEISHA (DPPP818)          | 6.6  | 5.2 | 5.1  | 6.1 | 4.3  | 4.2  | 5.3  |
| BARON                     | 6.1  | 4.8 | 4.9  | 6.0 | 4.4  | 5.2  | 5.3  |
| A01-1106                  | 7.1  | 5.7 | 4.3  | 6.1 | 4.2  | 4.0  | 5.2  |
| A05-999                   | 6.1  | 5.1 | 5.1  | 5.9 | 5.2  | 3.9  | 5.2  |
| RAD-849                   | 6.1  | 5.2 | 4.0  | 6.2 | 5.4  | 4.1  | 5.2  |
| A00-2882                  | 7.0  | 5.6 | 4.7  | 5.4 | 3.9  | 4.0  | 5.1  |
| AKB 2555                  | 6.8  | 4.5 | 3.9  | 6.2 | 4.6  | 4.7  | 5.1  |
| JACKRABBIT (PST-K10-106D) | 6.1  | 5.4 | 4.5  | 6.6 | 4.4  | 3.6  | 5.1  |
| PICK TD9                  | 6.2  | 5.2 | 4.0  | 5.9 | 5.5  | 3.8  | 5.1  |
| PICK MP07                 | 5.7  | 4.8 | 4.7  | 6.2 | 4.6  | 4.6  | 5.1  |
| BARDUKE                   | 6.0  | 4.9 | 5.0  | 5.7 | 4.6  | 4.2  | 5.1  |
| KENBLUE                   | 6.0  | 5.0 | 5.4  | 5.9 | 3.1  | 5.0  | 5.1  |
| BAR PP 119327             | 6.1  | 5.3 | 4.8  | 6.3 | 4.5  | 3.2  | 5.0  |
| A05-329                   | 6.8  | 5.7 | 4.2  | 6.2 | 3.6  | 3.6  | 5.0  |
| PST-K9-99                 | 6.0  | 5.5 | 4.0  | 6.0 | 4.7  | 3.4  | 4.9  |
| LUNAR (PST-07-261)        | 6.2  | 5.0 | 4.3  | 6.3 | 4.4  | 3.0  | 4.9  |
| BAR 8PP 504               | 5.7  | 4.5 | 4.0  | 6.3 | 4.6  | 4.0  | 4.8  |
| ZEDOR (PPH 9131)          | 6.1  | 4.6 | 3.9  | 6.4 | 4.6  | 2.6  | 4.7  |
| BAR 12PP 612              | 5.8  | 4.7 | 3.5  | 5.8 | 4.7  | 3.8  | 4.7  |
| BLACKJACK                 | 6.4  | 3.9 | 3.9  | 6.3 | 4.0  | 3.4  | 4.6  |
| LSD VALUE                 | 0.7  | 0.8 | 1.0  | 0.9 | 1.2  | 1.3  | 0.4  |
| C.V. (%)                  | 6.9  | 9.4 | 12.2 | 8.2 | 14.0 | 16.5 | 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 10.

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN AT TWO LOCATIONS 1/  
IN THE UPPER WEST/MOUNTAIN REGION  
2015 DATA

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

| NAME                 | UT1 | WA1 | MEAN | NAME                       | UT1  | WA1  | MEAN |
|----------------------|-----|-----|------|----------------------------|------|------|------|
| A06-46               | 7.1 | 5.8 | 6.4  | MERLOT (LTP-08-6)          | 5.6  | 5.1  | 5.4  |
| MAZAMA (A04-74)      | 6.9 | 5.9 | 6.4  | JACKRABBIT (PST-K10-106D)  | 5.5  | 5.2  | 5.4  |
| A00-2882             | 6.6 | 6.2 | 6.4  | A05-329                    | 5.4  | 5.3  | 5.4  |
| BLUEBANK (A03-1017)  | 6.2 | 6.3 | 6.3  | CABERNET                   | 5.2  | 5.5  | 5.3  |
| KEENELAND (A04-342)  | 6.4 | 6.0 | 6.2  | RAD-507                    | 5.4  | 5.2  | 5.3  |
| PICK 4340            | 6.4 | 6.0 | 6.2  | BURL 06-11                 | 5.4  | 5.3  | 5.3  |
| ENDURANCE (PST-K4-7) | 6.0 | 6.3 | 6.2  | A05-361                    | 4.9  | 5.6  | 5.3  |
| MIDNIGHT             | 6.5 | 5.7 | 6.1  | GEISHA (DPPP818)           | 4.3  | 6.1  | 5.2  |
| BLUE COAT (AKB 2282) | 6.0 | 6.2 | 6.1  | SRX 466                    | 5.5  | 5.0  | 5.2  |
| J-1770               | 6.7 | 5.4 | 6.1  | H99-1653                   | 4.6  | 5.8  | 5.2  |
| EMPIRE               | 5.8 | 6.2 | 6.0  | PST-K4-3                   | 5.6  | 4.9  | 5.2  |
| J-1136               | 6.2 | 5.8 | 6.0  | SRX 5321                   | 4.9  | 5.5  | 5.2  |
| A01-1106             | 6.3 | 5.7 | 6.0  | BAR PP 110358              | 4.6  | 5.7  | 5.1  |
| ARROWHEAD            | 5.9 | 6.0 | 6.0  | RAD-1492                   | 5.8  | 4.4  | 5.1  |
| AWARD                | 6.4 | 5.5 | 6.0  | ZEDOR (PPH 9131)           | 4.7  | 5.5  | 5.1  |
| SUDDEN IMPACT        | 6.5 | 5.3 | 5.9  | A05-999                    | 4.5  | 5.7  | 5.1  |
| J-1853               | 6.2 | 5.6 | 5.9  | PICK 033                   | 5.5  | 4.7  | 5.1  |
| RUSH                 | 5.9 | 5.8 | 5.8  | AMERICA                    | 4.9  | 5.1  | 5.0  |
| BAR 12PP 612         | 5.2 | 6.4 | 5.8  | BAR PP 119327              | 4.2  | 5.8  | 5.0  |
| PST-K9-97            | 5.9 | 5.7 | 5.8  | PST-T10-18                 | 4.3  | 5.6  | 4.9  |
| NU CHICAGO           | 6.4 | 5.1 | 5.8  | BARDUKE                    | 4.3  | 5.5  | 4.9  |
| OASIS (A98-344)      | 5.9 | 5.5 | 5.7  | PST-K9-99                  | 4.0  | 5.8  | 4.9  |
| BLUE NOTE            | 5.1 | 6.3 | 5.7  | SHAMROCK                   | 4.2  | 5.6  | 4.9  |
| A05-360              | 5.9 | 5.5 | 5.7  | ARAMINTHA (PP 10847)       | 4.2  | 5.6  | 4.9  |
| BURL 3-51            | 6.5 | 4.9 | 5.7  | A98-363                    | 5.1  | 4.4  | 4.8  |
| SRX 4338             | 6.0 | 5.4 | 5.7  | ZINGER (A05-306)           | 3.4  | 5.9  | 4.7  |
| A00-4199             | 5.2 | 6.1 | 5.7  | A04-36                     | 4.3  | 5.0  | 4.7  |
| SKYE                 | 5.6 | 5.7 | 5.7  | WATERWORKS (A05-204)       | 4.6  | 4.7  | 4.6  |
| A04-38               | 5.0 | 6.3 | 5.6  | A05-TB-382                 | 4.5  | 4.8  | 4.6  |
| PICK TD8             | 5.6 | 5.7 | 5.6  | BAR VV 118532              | 3.8  | 5.4  | 4.6  |
| AKB 2555             | 5.8 | 5.4 | 5.6  | LUNAR (PST-07-261)         | 5.2  | 4.0  | 4.6  |
| LEGEND (A10-1)       | 5.7 | 5.5 | 5.6  | BARVETTE HGT (BAR VV 0709) | 3.8  | 5.4  | 4.6  |
| RAD-849              | 5.2 | 6.0 | 5.6  | BLACKJACK                  | 4.1  | 4.8  | 4.5  |
| PICK TD9             | 5.3 | 5.8 | 5.5  | BAR PP 119326              | 3.7  | 5.2  | 4.4  |
| AVID                 | 5.4 | 5.6 | 5.5  | THERMAL BLUE               | 3.5  | 5.3  | 4.4  |
| A06-47               | 5.7 | 5.4 | 5.5  | PICK MP07                  | 3.8  | 4.8  | 4.3  |
| A06-26               | 5.9 | 5.1 | 5.5  | 3733                       | 4.6  | 3.9  | 4.2  |
| SRX 2758             | 5.9 | 5.1 | 5.5  | BAR VV 112916              | 3.2  | 5.0  | 4.1  |
| BAR 8PP 504          | 5.1 | 5.9 | 5.5  | KENBLUE                    | 2.3  | 4.4  | 3.4  |
| PST-K9-90            | 6.0 | 4.9 | 5.5  |                            |      |      |      |
| BARON                | 5.2 | 5.7 | 5.4  | LSD VALUE                  | 0.8  | 1.0  | 0.7  |
| DAUNTLESS (A05-315)  | 4.6 | 6.2 | 5.4  | C.V. (%)                   | 10.0 | 11.9 | 11.0 |
| RUBIX (4S2W)         | 4.6 | 6.2 | 5.4  |                            |      |      |      |

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 11. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
AT GROWN UNDER SHADE AT CARBONDALE, IL 1/  
2015 DATA

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

| NAME                       | SPRING<br>GREENUP | QUALITY RATINGS |     |     |     |     |     |     |     |      |
|----------------------------|-------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|------|
|                            |                   | APR             | MAY | JUN | JUL | AUG | SEP | OCT | NOV | MEAN |
| MAZAMA (A04-74)            | 4.0               | 6.7             | 7.3 | 7.3 | 8.0 | 8.0 | 5.0 | 4.7 | 5.0 | 6.5  |
| KEENELAND (A04-342)        | 4.0               | 5.3             | 7.3 | 7.3 | 7.0 | 6.7 | 5.7 | 5.7 | 5.7 | 6.3  |
| PST-K9-99                  | 4.3               | 6.3             | 6.3 | 6.7 | 6.0 | 6.0 | 4.7 | 5.0 | 4.0 | 5.6  |
| BAR 8PP 504                | 4.0               | 5.0             | 5.3 | 5.7 | 5.7 | 6.0 | 3.7 | 4.7 | 5.3 | 5.2  |
| BARVETTE HGT (BAR VV 0709) | 4.3               | 4.3             | 4.7 | 5.0 | 5.0 | 5.3 | 5.3 | 4.3 | 6.3 | 5.0  |
| ARAMINTHA (PP 10847)       | 4.0               | 3.7             | 4.3 | 4.7 | 4.7 | 4.7 | 5.0 | 5.3 | 5.0 | 4.7  |
| BLUEBANK (A03-1017)        | 4.0               | 4.3             | 4.7 | 4.7 | 4.3 | 4.3 | 4.3 | 4.3 | 3.3 | 4.3  |
| BAR VV 118532              | 3.0               | 4.0             | 4.7 | 5.0 | 4.7 | 5.0 | 3.0 | 3.3 | 3.3 | 4.1  |
| BAR VV 112916              | 3.0               | 4.3             | 4.0 | 4.0 | 4.0 | 4.0 | 3.7 | 3.7 | 4.3 | 4.0  |
| BURL 3-51                  | 2.0               | 4.0             | 3.7 | 4.3 | 4.3 | 4.7 | 3.3 | 4.0 | 3.3 | 4.0  |
| AVID                       | 4.0               | 4.7             | 4.7 | 4.7 | 4.7 | 4.3 | 2.7 | 3.3 | 2.3 | 3.9  |
| BAR PP 119327              | 5.0               | 3.7             | 4.0 | 4.0 | 3.7 | 3.3 | 4.0 | 4.0 | 4.3 | 3.9  |
| GEISHA (DPPP818)           | 3.7               | 4.3             | 4.0 | 4.0 | 3.7 | 3.7 | 3.0 | 3.3 | 4.3 | 3.8  |
| SRX 4338                   | 4.0               | 4.0             | 4.0 | 4.3 | 4.3 | 4.3 | 3.7 | 3.3 | 2.7 | 3.8  |
| PICK 4340                  | 5.0               | 4.0             | 4.3 | 4.3 | 3.7 | 3.7 | 3.3 | 3.0 | 3.3 | 3.7  |
| A04-38                     | 3.7               | 3.7             | 4.3 | 4.3 | 4.0 | 3.7 | 3.3 | 3.0 | 2.7 | 3.6  |
| BURL 06-11                 | 4.0               | 4.7             | 3.7 | 3.7 | 3.0 | 3.3 | 3.7 | 3.3 | 3.7 | 3.6  |
| EMPIRE                     | 4.0               | 3.7             | 4.0 | 4.3 | 4.3 | 4.7 | 2.3 | 3.0 | 2.3 | 3.6  |
| KENBLUE                    | 4.7               | 3.7             | 3.7 | 4.0 | 3.7 | 4.0 | 3.3 | 3.3 | 3.0 | 3.6  |
| THERMAL BLUE               | 4.3               | 4.0             | 3.7 | 4.0 | 4.0 | 4.0 | 2.3 | 3.0 | 3.7 | 3.6  |
| A00-2882                   | 2.3               | 2.7             | 4.0 | 4.3 | 4.0 | 3.7 | 2.7 | 3.3 | 3.0 | 3.5  |
| DAUNTLESS (A05-315)        | 4.3               | 4.3             | 3.3 | 3.7 | 3.3 | 3.7 | 3.3 | 3.0 | 3.0 | 3.5  |
| ARROWHEAD                  | 3.3               | 3.7             | 4.0 | 4.0 | 3.3 | 3.0 | 3.3 | 3.0 | 3.0 | 3.4  |
| OASIS (A98-344)            | 3.3               | 3.7             | 3.7 | 3.7 | 3.7 | 3.3 | 3.0 | 3.3 | 2.7 | 3.4  |
| RAD-849                    | 3.3               | 3.3             | 4.0 | 4.0 | 3.7 | 4.0 | 3.7 | 2.3 | 2.0 | 3.4  |
| PST-K9-90                  | 4.0               | 3.0             | 2.3 | 3.3 | 4.0 | 4.3 | 3.0 | 3.3 | 2.7 | 3.3  |
| ZINGER (A05-306)           | 5.0               | 4.0             | 3.3 | 3.7 | 3.7 | 3.7 | 2.3 | 2.7 | 2.7 | 3.3  |
| AMERICA                    | 3.3               | 4.3             | 2.7 | 3.0 | 3.0 | 3.3 | 4.0 | 3.0 | 2.3 | 3.2  |
| AWARD                      | 2.3               | 2.7             | 2.0 | 2.7 | 3.3 | 3.7 | 3.7 | 3.7 | 3.7 | 3.2  |
| BARDUKE                    | 3.0               | 3.0             | 3.0 | 3.3 | 3.7 | 3.7 | 3.0 | 3.0 | 3.0 | 3.2  |
| H99-1653                   | 5.0               | 4.0             | 4.0 | 4.0 | 3.0 | 3.0 | 2.3 | 3.0 | 2.3 | 3.2  |
| JACKRABBIT (PST-K10-106D)  | 3.0               | 3.0             | 2.3 | 3.3 | 3.0 | 3.7 | 4.3 | 3.0 | 3.0 | 3.2  |
| RAD-507                    | 3.7               | 3.7             | 3.7 | 3.7 | 3.3 | 3.0 | 2.7 | 2.7 | 2.7 | 3.2  |
| A05-360                    | 2.3               | 3.3             | 2.0 | 2.7 | 3.0 | 3.7 | 3.7 | 3.3 | 3.0 | 3.1  |
| RUBIX (4S2W)               | 3.0               | 3.7             | 3.3 | 3.3 | 3.0 | 3.0 | 3.0 | 2.3 | 3.3 | 3.1  |
| A06-46                     | 3.3               | 3.0             | 3.3 | 3.7 | 3.0 | 3.0 | 2.7 | 2.7 | 2.7 | 3.0  |
| PICK 033                   | 2.7               | 3.3             | 4.3 | 3.7 | 2.3 | 2.0 | 2.7 | 3.3 | 2.7 | 3.0  |
| A04-36                     | 3.0               | 3.0             | 3.0 | 3.3 | 3.3 | 3.3 | 2.3 | 2.3 | 2.0 | 2.8  |
| A05-999                    | 6.0               | 3.0             | 3.3 | 3.3 | 3.3 | 3.3 | 2.3 | 2.0 | 1.7 | 2.8  |
| A05-TB-382                 | 2.3               | 3.0             | 3.0 | 2.7 | 2.3 | 2.3 | 3.0 | 3.3 | 2.7 | 2.8  |
| A06-47                     | 2.3               | 3.0             | 3.0 | 3.3 | 3.0 | 3.0 | 2.7 | 2.0 | 2.3 | 2.8  |
| NU CHICAGO                 | 2.3               | 2.0             | 2.7 | 3.0 | 2.7 | 3.0 | 3.3 | 3.7 | 2.3 | 2.8  |
| SUDDEN IMPACT              | 5.0               | 2.3             | 3.0 | 3.0 | 2.7 | 2.7 | 2.7 | 2.7 | 3.0 | 2.8  |
| CABERNET                   | 2.0               | 3.0             | 2.7 | 3.0 | 2.7 | 3.0 | 2.0 | 2.7 | 2.3 | 2.7  |
| PST-K9-97                  | 2.3               | 2.0             | 3.0 | 3.0 | 2.3 | 2.7 | 2.3 | 3.3 | 3.0 | 2.7  |

TABLE 11. (CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER SHADE AT CARBONDALE, IL 1/  
2015 DATA

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

| NAME                 | QUALITY RATINGS   |      |      |      |      |      |      |      |      |      |
|----------------------|-------------------|------|------|------|------|------|------|------|------|------|
|                      | SPRING<br>GREENUP | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | MEAN |
| BARON                | 2.3               | 2.3  | 2.3  | 2.7  | 2.7  | 3.0  | 3.0  | 2.3  | 2.7  | 2.6  |
| PST-T10-18           | 3.0               | 3.0  | 2.7  | 3.0  | 2.7  | 3.0  | 2.0  | 1.7  | 2.7  | 2.6  |
| PICK TD8             | 2.0               | 2.7  | 2.7  | 3.0  | 2.7  | 2.7  | 1.7  | 2.3  | 2.0  | 2.5  |
| SRX 2758             | 3.0               | 2.3  | 2.7  | 3.0  | 3.0  | 3.0  | 1.7  | 2.3  | 2.0  | 2.5  |
| A98-363              | 2.3               | 3.0  | 2.3  | 2.7  | 2.3  | 2.3  | 1.7  | 2.7  | 2.3  | 2.4  |
| BLUE NOTE            | 2.0               | 2.7  | 3.0  | 3.0  | 2.3  | 2.0  | 2.3  | 2.0  | 1.7  | 2.4  |
| LUNAR (PST-07-261)   | 2.3               | 3.0  | 2.3  | 2.3  | 2.3  | 2.3  | 1.7  | 2.3  | 3.0  | 2.4  |
| RAD-1492             | 3.0               | 2.0  | 3.3  | 3.3  | 2.3  | 2.0  | 1.7  | 2.3  | 2.0  | 2.4  |
| SRX 5321             | 4.0               | 1.7  | 3.0  | 3.0  | 3.0  | 2.7  | 2.0  | 2.3  | 1.7  | 2.4  |
| A05-329              | 2.0               | 1.3  | 3.3  | 3.0  | 2.3  | 2.0  | 1.7  | 2.3  | 2.3  | 2.3  |
| BAR PP 119326        | 4.0               | 2.3  | 2.3  | 2.7  | 2.3  | 2.3  | 2.0  | 2.0  | 2.0  | 2.3  |
| MERLOT (LTP-08-6)    | 3.0               | 2.3  | 2.0  | 2.0  | 2.0  | 2.0  | 2.7  | 2.3  | 2.7  | 2.3  |
| SHAMROCK             | 2.0               | 3.0  | 2.3  | 2.7  | 2.3  | 2.3  | 1.7  | 2.0  | 1.7  | 2.3  |
| AKB 2555             | 2.0               | 2.0  | 3.0  | 2.7  | 2.3  | 2.0  | 2.0  | 1.7  | 2.0  | 2.2  |
| BAR 12PP 612         | 1.3               | 1.3  | 3.7  | 3.0  | 2.0  | 2.0  | 1.7  | 1.7  | 2.0  | 2.2  |
| LEGEND (A10-1)       | 2.0               | 2.7  | 2.7  | 2.3  | 2.0  | 1.7  | 2.3  | 2.3  | 1.7  | 2.2  |
| WATERWORKS (A05-204) | 2.3               | 2.3  | 3.0  | 2.7  | 2.0  | 1.7  | 2.0  | 2.0  | 2.0  | 2.2  |
| ZEDOR (PPH 9131)     | 1.7               | 2.7  | 2.3  | 2.3  | 2.0  | 2.0  | 2.3  | 1.7  | 1.7  | 2.1  |
| BAR PP 110358        | 2.0               | 2.0  | 1.7  | 2.3  | 2.7  | 2.7  | 1.7  | 2.0  | 1.3  | 2.0  |
| ENDURANCE (PST-K4-7) | 2.0               | 2.7  | 2.3  | 2.3  | 2.0  | 1.7  | 1.7  | 1.3  | 2.3  | 2.0  |
| J-1136               | 2.3               | 2.3  | 2.0  | 2.0  | 2.0  | 2.0  | 1.7  | 2.0  | 2.3  | 2.0  |
| J-1853               | 2.7               | 2.3  | 2.7  | 2.3  | 2.0  | 1.7  | 1.3  | 2.0  | 1.3  | 2.0  |
| SRX 466              | 1.3               | 2.3  | 1.7  | 2.0  | 2.3  | 2.3  | 1.7  | 1.7  | 1.7  | 2.0  |
| 3733                 | 3.0               | 2.3  | 1.7  | 2.3  | 2.0  | 2.0  | 1.7  | 1.3  | 1.7  | 1.9  |
| A05-361              | 2.0               | 2.0  | 2.3  | 2.3  | 2.0  | 1.3  | 1.7  | 1.7  | 2.0  | 1.9  |
| BLUE COAT (AKB 2282) | 2.0               | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 1.7  | 1.7  | 1.7  | 1.9  |
| A00-4199             | 3.0               | 2.3  | 2.3  | 2.3  | 2.0  | 1.7  | 1.0  | 1.3  | 1.3  | 1.8  |
| J-1770               | 2.0               | 1.3  | 1.7  | 2.0  | 1.7  | 1.7  | 1.7  | 2.0  | 2.3  | 1.8  |
| MIDNIGHT             | 3.0               | 1.0  | 2.3  | 2.0  | 1.7  | 1.3  | 1.3  | 2.0  | 2.0  | 1.7  |
| PICK TD9             | 4.0               | 2.0  | 1.7  | 1.7  | 1.7  | 1.7  | 1.3  | 1.7  | 1.7  | 1.7  |
| SKYE                 | 1.3               | 1.7  | 2.3  | 2.3  | 1.7  | 1.3  | 1.3  | 1.7  | 1.3  | 1.7  |
| PICK MP07            | 2.3               | 1.3  | 2.0  | 2.3  | 1.7  | 1.7  | 1.3  | 1.3  | 1.3  | 1.6  |
| PST-K4-3             | 2.0               | 1.3  | 1.3  | 1.7  | 2.0  | 2.0  | 1.3  | 1.7  | 1.7  | 1.6  |
| A01-1106             | 1.3               | 1.3  | 2.0  | 2.3  | 1.7  | 1.3  | 1.3  | 1.3  | 1.0  | 1.5  |
| RUSH                 | 1.3               | 1.0  | 2.0  | 2.0  | 1.3  | 1.3  | 1.0  | 1.7  | 1.0  | 1.4  |
| A06-26               | 1.3               | 1.0  | 1.3  | 1.3  | 1.3  | 1.3  | 1.3  | 1.7  | 1.3  | 1.3  |
| BLACKJACK            | 2.0               | 1.3  | 1.3  | 1.3  | 1.3  | 1.3  | 1.3  | 1.3  | 1.3  | 1.3  |
| LSD VALUE            | 1.1               | 5.2  | 4.1  | 3.9  | 4.1  | 5.0  | 4.0  | 4.1  | 3.7  | 3.5  |
| C.V. (%)             | 23.1              | 58.8 | 52.9 | 49.3 | 55.8 | 62.2 | 58.5 | 53.7 | 56.9 | 49.6 |

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 12.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER TRAFFIC STRESS AT AMHERST, MA 1/  
2015 DATA

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

| NAME                       | GENETIC<br>COLOR | SPRING<br>GREENUP | LEAF<br>TEXTURE | DENSITY<br>SPRING | PERCENT<br>WINTER<br>KILL | WEAR TOLERANCE |         | QUALITY RATINGS |     |     |     |     |     |     | MEAN |
|----------------------------|------------------|-------------------|-----------------|-------------------|---------------------------|----------------|---------|-----------------|-----|-----|-----|-----|-----|-----|------|
|                            |                  |                   |                 |                   |                           | MAY            | OCTOBER | MAY             | JUN | JUL | AUG | SEP | OCT | NOV |      |
| SRX 4338                   | 6.0              | 3.7               | 6.7             | 6.7               | 63.3                      | 5.7            | 6.0     | 6.0             | 6.7 | 6.3 | 6.0 | 6.3 | 6.0 | 6.0 | 6.2  |
| J-1770                     | 7.3              | 3.7               | 5.3             | 5.7               | 63.3                      | 6.7            | 6.3     | 6.3             | 6.0 | 5.7 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0  |
| A00-4199                   | 5.0              | 4.3               | 6.0             | 6.0               | 56.7                      | 5.7            | 5.7     | 6.0             | 6.3 | 6.0 | 5.7 | 6.0 | 6.0 | 5.3 | 5.9  |
| A06-47                     | 6.0              | 6.0               | 6.7             | 6.3               | 40.0                      | 4.3            | 5.0     | 6.7             | 6.7 | 6.3 | 5.3 | 5.7 | 5.3 | 5.0 | 5.9  |
| BARON                      | 5.3              | 5.3               | 6.0             | 5.7               | 46.7                      | 6.0            | 5.7     | 5.7             | 6.7 | 6.0 | 5.7 | 5.3 | 5.7 | 6.0 | 5.9  |
| BARVETTE HGT (BAR VV 0709) | 5.0              | 3.7               | 7.0             | 6.3               | 63.3                      | 6.0            | 6.0     | 5.3             | 5.7 | 6.3 | 5.7 | 6.7 | 5.7 | 6.0 | 5.9  |
| BLUE NOTE                  | 5.3              | 4.7               | 7.0             | 6.0               | 53.3                      | 6.0            | 6.0     | 6.7             | 5.7 | 6.0 | 5.7 | 6.0 | 6.0 | 5.3 | 5.9  |
| LEGEND (A10-1)             | 7.0              | 4.7               | 5.7             | 5.3               | 53.3                      | 6.3            | 6.3     | 5.7             | 6.0 | 5.7 | 5.3 | 6.3 | 6.0 | 6.0 | 5.9  |
| NU CHICAGO                 | 7.3              | 3.0               | 5.0             | 5.3               | 70.0                      | 4.7            | 6.0     | 6.0             | 6.0 | 5.7 | 6.0 | 6.0 | 5.7 | 6.0 | 5.9  |
| PICK 4340                  | 6.0              | 5.7               | 6.0             | 6.3               | 43.3                      | 5.3            | 6.3     | 6.7             | 6.0 | 5.3 | 6.3 | 6.0 | 5.3 | 5.3 | 5.9  |
| MIDNIGHT                   | 7.0              | 2.7               | 5.3             | 5.3               | 73.3                      | 5.3            | 6.3     | 6.3             | 5.7 | 5.3 | 5.3 | 6.3 | 5.7 | 5.7 | 5.8  |
| AMERICA                    | 5.3              | 3.0               | 6.0             | 5.7               | 70.0                      | 5.0            | 5.3     | 5.3             | 6.0 | 5.3 | 5.3 | 6.3 | 5.3 | 6.0 | 5.7  |
| ARAMINTHA (PP 10847)       | 4.7              | 2.7               | 6.7             | 6.7               | 73.3                      | 5.3            | 5.7     | 6.0             | 6.0 | 6.3 | 4.7 | 5.7 | 5.7 | 5.7 | 5.7  |
| J-1853                     | 7.0              | 4.3               | 5.3             | 5.7               | 56.7                      | 5.3            | 6.7     | 6.0             | 6.3 | 5.3 | 5.3 | 5.7 | 5.3 | 5.7 | 5.7  |
| KEENELAND (A04-342)        | 6.0              | 4.0               | 6.0             | 6.0               | 60.0                      | 6.3            | 7.3     | 5.7             | 6.3 | 5.3 | 6.0 | 5.7 | 5.3 | 5.7 | 5.7  |
| A01-1106                   | 6.7              | 4.0               | 5.3             | 5.7               | 60.0                      | 5.7            | 5.3     | 5.7             | 5.3 | 5.0 | 5.0 | 5.7 | 6.0 | 6.3 | 5.6  |
| BAR PP 110358              | 5.7              | 5.3               | 5.7             | 5.7               | 46.7                      | 4.7            | 4.7     | 6.3             | 5.7 | 5.3 | 5.7 | 5.3 | 5.3 | 5.7 | 5.6  |
| RUBIX (4S2W)               | 5.7              | 4.0               | 7.7             | 7.3               | 60.0                      | 7.0            | 7.0     | 6.7             | 6.7 | 6.3 | 4.3 | 5.0 | 5.0 | 5.3 | 5.6  |
| BLUEBANK (A03-1017)        | 7.3              | 2.3               | 5.3             | 5.0               | 76.7                      | 5.3            | 5.3     | 5.7             | 5.7 | 5.3 | 5.3 | 5.7 | 5.0 | 6.0 | 5.5  |
| ENDURANCE (PST-K4-7)       | 6.0              | 5.7               | 6.0             | 6.0               | 43.3                      | 5.7            | 6.0     | 5.7             | 5.3 | 6.0 | 6.0 | 5.3 | 5.0 | 5.0 | 5.5  |
| EMPIRE                     | 6.0              | 4.0               | 4.3             | 4.7               | 60.0                      | 5.3            | 6.0     | 6.0             | 5.7 | 5.0 | 5.3 | 5.7 | 5.3 | 5.0 | 5.4  |
| SKYE                       | 6.0              | 5.3               | 6.0             | 5.3               | 46.7                      | 5.7            | 6.7     | 6.0             | 5.7 | 5.7 | 5.3 | 5.0 | 5.0 | 5.3 | 5.4  |
| A06-46                     | 6.3              | 2.7               | 6.3             | 6.0               | 73.3                      | 5.3            | 6.0     | 4.7             | 5.7 | 5.3 | 4.7 | 6.0 | 5.3 | 5.3 | 5.3  |
| BAR VV 112916              | 6.0              | 7.7               | 7.3             | 5.7               | 23.3                      | 5.7            | 6.7     | 4.7             | 5.0 | 5.0 | 5.7 | 6.0 | 5.7 | 5.3 | 5.3  |
| MAZAMA (A04-74)            | 7.7              | 4.3               | 5.7             | 5.3               | 56.7                      | 5.3            | 5.0     | 6.0             | 5.3 | 5.0 | 5.0 | 5.7 | 5.0 | 5.0 | 5.3  |
| PST-K9-97                  | 8.0              | 3.3               | 5.3             | 5.7               | 66.7                      | 5.7            | 6.3     | 5.3             | 6.0 | 5.3 | 5.3 | 5.0 | 5.3 | 5.0 | 5.3  |
| PST-T10-18                 | 6.0              | 4.7               | 6.0             | 6.3               | 53.3                      | 5.0            | 5.0     | 5.7             | 6.3 | 5.3 | 4.3 | 5.0 | 5.3 | 5.0 | 5.3  |
| ZEDOR (PPH 9131)           | 5.3              | 4.0               | 6.0             | 5.0               | 60.0                      | 4.0            | 4.0     | 5.7             | 5.7 | 5.3 | 4.7 | 5.0 | 5.3 | 5.7 | 5.3  |
| A00-2882                   | 7.3              | 4.3               | 4.7             | 4.7               | 56.7                      | 5.3            | 5.0     | 5.3             | 5.0 | 5.0 | 5.3 | 5.3 | 5.0 | 5.3 | 5.2  |
| A04-38                     | 5.7              | 5.7               | 6.0             | 5.3               | 43.3                      | 6.3            | 5.7     | 6.3             | 5.0 | 5.0 | 5.0 | 5.0 | 5.3 | 4.7 | 5.2  |
| BARDUKE                    | 4.7              | 5.3               | 5.7             | 5.7               | 46.7                      | 5.0            | 4.3     | 5.0             | 6.0 | 5.7 | 5.0 | 5.0 | 4.7 | 5.0 | 5.2  |
| SRX 2758                   | 7.0              | 4.3               | 5.7             | 5.7               | 56.7                      | 4.7            | 5.7     | 5.7             | 5.3 | 5.3 | 5.3 | 5.3 | 5.0 | 4.7 | 5.2  |
| SUDDEN IMPACT              | 7.0              | 4.0               | 6.0             | 5.0               | 60.0                      | 5.3            | 6.3     | 5.7             | 5.7 | 5.0 | 5.0 | 5.3 | 4.7 | 5.0 | 5.2  |
| ARROWHEAD                  | 6.7              | 6.0               | 6.0             | 6.0               | 40.0                      | 6.7            | 6.3     | 6.0             | 5.3 | 5.7 | 5.0 | 4.7 | 4.7 | 4.7 | 5.1  |
| BAR VV 118532              | 6.0              | 5.3               | 5.3             | 5.0               | 46.7                      | 5.3            | 5.3     | 5.3             | 5.0 | 5.3 | 4.7 | 5.3 | 5.3 | 5.0 | 5.1  |
| MERLOT (LTP-08-6)          | 6.7              | 3.7               | 6.0             | 5.3               | 63.3                      | 6.3            | 5.3     | 6.0             | 5.0 | 5.3 | 4.3 | 5.0 | 5.0 | 5.0 | 5.1  |
| A05-360                    | 5.0              | 5.7               | 6.7             | 5.3               | 43.3                      | 5.3            | 6.0     | 5.3             | 4.7 | 5.0 | 5.3 | 5.0 | 5.0 | 4.7 | 5.0  |
| A06-26                     | 5.7              | 5.3               | 5.7             | 4.3               | 46.7                      | 5.0            | 5.0     | 6.0             | 5.3 | 5.3 | 4.3 | 5.0 | 4.7 | 4.7 | 5.0  |
| AVID                       | 6.0              | 5.0               | 4.7             | 4.3               | 50.0                      | 4.7            | 4.7     | 6.3             | 5.3 | 4.7 | 4.3 | 5.0 | 4.3 | 4.7 | 5.0  |
| AWARD                      | 7.3              | 5.0               | 5.3             | 4.7               | 50.0                      | 5.3            | 5.7     | 5.3             | 5.3 | 5.0 | 4.7 | 5.3 | 4.7 | 4.7 | 5.0  |
| BAR PP 119326              | 5.0              | 4.7               | 5.3             | 4.7               | 53.3                      | 4.7            | 4.3     | 5.0             | 5.0 | 5.3 | 5.0 | 5.3 | 5.0 | 4.7 | 5.0  |
| DAUNTLESS (A05-315)        | 5.0              | 6.0               | 6.0             | 4.7               | 40.0                      | 6.3            | 5.3     | 6.0             | 4.7 | 5.0 | 4.7 | 4.7 | 5.0 | 5.0 | 5.0  |
| GEISHA (DPPP818)           | 4.7              | 4.7               | 5.0             | 4.7               | 53.3                      | 5.3            | 4.7     | 5.3             | 5.3 | 4.7 | 4.7 | 5.3 | 4.7 | 5.3 | 5.0  |
| J-1136                     | 6.7              | 5.0               | 5.3             | 4.7               | 50.0                      | 6.0            | 6.7     | 6.3             | 4.7 | 4.7 | 4.7 | 5.0 | 5.0 | 5.0 | 5.0  |
| PST-K4-3                   | 6.7              | 4.0               | 5.3             | 5.3               | 60.0                      | 5.3            | 5.3     | 6.3             | 6.0 | 5.0 | 4.0 | 4.7 | 4.7 | 4.7 | 5.0  |

TABLE 12. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER TRAFFIC STRESS AT AMHERST, MA 1/  
2015 DATA

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

| NAME                      | GENETIC<br>COLOR | SPRING<br>GREENUP | LEAF<br>TEXTURE | DENSITY<br>SPRING | PERCENT<br>WINTER<br>KILL | WEAR TOLERANCE |         | MAY  | JUN  | JUL  | QUALITY RATINGS |      |      |      | MEAN |
|---------------------------|------------------|-------------------|-----------------|-------------------|---------------------------|----------------|---------|------|------|------|-----------------|------|------|------|------|
|                           |                  |                   |                 |                   |                           | MAY            | OCTOBER |      |      |      | AUG             | SEP  | OCT  | NOV  |      |
| PST-K9-90                 | 6.3              | 5.0               | 6.0             | 5.7               | 50.0                      | 5.7            | 5.7     | 5.3  | 5.3  | 5.3  | 4.7             | 5.0  | 4.7  | 4.7  | 5.0  |
| PST-K9-99                 | 5.0              | 6.7               | 5.7             | 4.3               | 33.3                      | 4.3            | 4.3     | 6.3  | 5.7  | 5.0  | 4.0             | 4.3  | 5.0  | 4.7  | 5.0  |
| RUSH                      | 7.3              | 5.0               | 5.0             | 5.3               | 50.0                      | 5.3            | 5.0     | 6.0  | 5.3  | 5.3  | 5.3             | 4.7  | 4.3  | 4.3  | 5.0  |
| THERMAL BLUE              | 5.0              | 5.0               | 5.7             | 4.7               | 50.0                      | 5.0            | 5.7     | 5.0  | 5.3  | 5.0  | 4.7             | 5.3  | 4.7  | 5.0  | 5.0  |
| PICK MP07                 | 4.7              | 6.3               | 6.7             | 6.3               | 36.7                      | 5.0            | 4.7     | 5.3  | 5.3  | 5.3  | 4.7             | 5.0  | 4.3  | 4.3  | 4.9  |
| RAD-507                   | 5.7              | 4.7               | 5.7             | 4.7               | 53.3                      | 5.3            | 5.0     | 5.0  | 4.7  | 4.7  | 4.7             | 5.0  | 5.0  | 5.0  | 4.9  |
| RAD-849                   | 7.7              | 6.0               | 6.0             | 5.3               | 40.0                      | 5.3            | 6.0     | 5.7  | 5.3  | 4.7  | 5.0             | 5.0  | 4.3  | 4.3  | 4.9  |
| SRX 466                   | 6.7              | 5.0               | 5.0             | 4.7               | 50.0                      | 5.7            | 5.0     | 5.3  | 4.7  | 5.0  | 5.0             | 5.0  | 4.7  | 4.7  | 4.9  |
| SRX 5321                  | 4.0              | 5.7               | 6.3             | 5.3               | 43.3                      | 5.3            | 5.0     | 6.7  | 5.0  | 5.0  | 4.0             | 4.3  | 4.3  | 4.7  | 4.9  |
| A04-36                    | 5.3              | 6.3               | 6.0             | 4.7               | 36.7                      | 4.7            | 4.3     | 5.3  | 5.0  | 4.7  | 4.0             | 5.0  | 4.7  | 4.7  | 4.8  |
| BURL 06-11                | 5.3              | 4.3               | 5.7             | 4.7               | 56.7                      | 5.0            | 5.7     | 5.0  | 5.3  | 5.0  | 4.7             | 5.0  | 4.7  | 4.0  | 4.8  |
| BURL 3-51                 | 7.7              | 5.0               | 5.3             | 4.3               | 50.0                      | 4.3            | 6.0     | 5.3  | 5.0  | 4.7  | 4.7             | 5.0  | 4.7  | 4.3  | 4.8  |
| H99-1653                  | 6.0              | 3.7               | 6.3             | 5.7               | 63.3                      | 5.0            | 5.7     | 5.7  | 5.7  | 5.7  | 3.7             | 4.3  | 4.0  | 4.7  | 4.8  |
| BAR PP 119327             | 5.0              | 5.7               | 5.7             | 6.0               | 43.3                      | 4.3            | 4.0     | 6.7  | 6.0  | 5.3  | 2.7             | 3.7  | 4.0  | 4.3  | 4.7  |
| PICK TD8                  | 6.3              | 5.7               | 5.7             | 4.7               | 43.3                      | 4.3            | 4.0     | 5.3  | 5.3  | 4.3  | 3.7             | 4.3  | 4.7  | 4.7  | 4.6  |
| RAD-1492                  | 8.0              | 5.0               | 6.3             | 5.3               | 50.0                      | 4.0            | 3.7     | 6.0  | 5.3  | 5.0  | 3.7             | 4.0  | 4.0  | 4.3  | 4.6  |
| PICK 033                  | 6.7              | 5.0               | 5.3             | 4.7               | 50.0                      | 5.0            | 5.0     | 5.3  | 5.0  | 4.3  | 4.3             | 4.3  | 4.0  | 4.0  | 4.5  |
| A05-999                   | 5.7              | 5.7               | 6.3             | 4.7               | 43.3                      | 4.3            | 4.0     | 5.0  | 4.3  | 4.3  | 3.7             | 4.7  | 4.7  | 4.3  | 4.4  |
| WATERWORKS (A05-204)      | 6.7              | 5.0               | 4.7             | 3.3               | 50.0                      | 5.0            | 5.0     | 4.3  | 4.7  | 4.3  | 4.0             | 5.0  | 4.3  | 4.3  | 4.4  |
| A98-363                   | 6.7              | 4.7               | 5.0             | 4.7               | 53.3                      | 4.7            | 5.0     | 4.7  | 4.3  | 4.7  | 4.3             | 4.3  | 4.0  | 4.0  | 4.3  |
| CABERNET                  | 5.3              | 4.0               | 6.0             | 4.7               | 60.0                      | 4.0            | 4.0     | 4.3  | 4.7  | 4.3  | 4.7             | 4.7  | 4.0  | 3.7  | 4.3  |
| BAR 8PP 504               | 5.0              | 5.0               | 5.0             | 4.0               | 50.0                      | 4.0            | 4.0     | 5.3  | 4.7  | 4.0  | 3.3             | 4.3  | 4.0  | 4.0  | 4.2  |
| LUNAR (PST-07-261)        | 7.0              | 5.3               | 5.3             | 4.0               | 46.7                      | 4.7            | 4.3     | 4.7  | 4.3  | 4.3  | 4.0             | 4.0  | 4.0  | 3.7  | 4.1  |
| OASIS (A98-344)           | 7.0              | 5.3               | 4.7             | 3.7               | 46.7                      | 5.0            | 5.3     | 4.3  | 4.7  | 4.0  | 4.3             | 4.3  | 3.7  | 3.7  | 4.1  |
| ZINGER (A05-306)          | 5.7              | 5.3               | 5.7             | 4.0               | 46.7                      | 4.7            | 4.0     | 5.0  | 4.0  | 4.0  | 4.0             | 4.3  | 3.7  | 4.0  | 4.1  |
| BAR 12PP 612              | 6.3              | 5.3               | 5.0             | 4.0               | 46.7                      | 4.7            | 4.3     | 4.3  | 4.0  | 4.0  | 3.7             | 4.3  | 4.0  | 3.7  | 4.0  |
| A05-329                   | 7.0              | 5.7               | 4.7             | 3.0               | 43.3                      | 4.0            | 4.7     | 3.7  | 4.3  | 3.7  | 3.7             | 4.0  | 4.0  | 4.0  | 3.9  |
| 3733                      | 6.7              | 5.3               | 5.0             | 3.0               | 46.7                      | 5.3            | 5.0     | 4.0  | 4.0  | 3.7  | 3.7             | 4.0  | 3.3  | 3.7  | 3.8  |
| A05-361                   | 5.0              | 4.3               | 5.7             | 4.0               | 56.7                      | 3.7            | 4.3     | 4.0  | 3.7  | 4.0  | 3.0             | 4.0  | 3.7  | 4.0  | 3.8  |
| AKB 2555                  | 6.7              | 5.0               | 5.3             | 3.3               | 50.0                      | 5.3            | 5.0     | 4.0  | 4.3  | 4.0  | 3.7             | 3.7  | 3.3  | 3.7  | 3.8  |
| KENBLUE                   | 4.7              | 4.3               | 6.3             | 3.3               | 56.7                      | 4.3            | 4.0     | 3.7  | 4.0  | 3.7  | 3.7             | 4.3  | 3.3  | 3.7  | 3.8  |
| PICK TD9                  | 7.0              | 5.3               | 5.3             | 4.3               | 46.7                      | 4.3            | 4.3     | 4.0  | 4.3  | 3.7  | 4.0             | 4.0  | 3.3  | 3.0  | 3.8  |
| SHAMROCK                  | 6.0              | 5.7               | 5.7             | 3.7               | 43.3                      | 5.0            | 4.3     | 3.7  | 4.0  | 4.0  | 3.3             | 3.7  | 4.0  | 3.7  | 3.8  |
| JACKRABBIT (PST-K10-106D) | 7.0              | 6.7               | 5.7             | 3.3               | 33.3                      | 4.7            | 4.7     | 4.3  | 4.0  | 3.7  | 3.3             | 3.7  | 3.3  | 3.3  | 3.7  |
| BLACKJACK                 | 6.0              | 4.0               | 6.0             | 3.7               | 60.0                      | 4.3            | 4.7     | 3.3  | 3.7  | 3.7  | 3.3             | 3.7  | 3.7  | 3.7  | 3.6  |
| A05-TB-382                | 6.7              | 3.7               | 5.0             | 2.7               | 63.3                      | 4.3            | 4.0     | 3.0  | 3.3  | 3.3  | 3.3             | 4.0  | 3.7  | 3.7  | 3.5  |
| BLUE COAT (AKB 2282)      | 5.7              | 5.3               | 5.3             | 3.7               | 46.7                      | 4.7            | 4.0     | 3.3  | 3.7  | 3.7  | 3.0             | 3.7  | 3.3  | 3.7  | 3.5  |
| LSD VALUE                 | 0.8              | 1.5               | 0.8             | 0.9               | 14.9                      | 1.1            | 1.0     | 1.2  | 0.8  | 0.9  | 1.0             | 1.0  | 1.0  | 1.1  | 0.7  |
| C.V. (%)                  | 8.3              | 18.6              | 9.0             | 12.3              | 17.2                      | 12.6           | 12.5    | 13.4 | 10.5 | 11.0 | 13.6            | 12.6 | 13.3 | 13.8 | 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 13.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER TRAFFIC STRESS AT EAST LANSING, MI 1/  
2015 DATA

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

| NAME                      | SPRING<br>GREENUP | PERCENT<br>COVER<br>OCTOBER | PERCENT<br>COVER<br>NOVEMBER | MAY | JUN | QUALITY RATINGS |     |     |     | MEAN |
|---------------------------|-------------------|-----------------------------|------------------------------|-----|-----|-----------------|-----|-----|-----|------|
|                           |                   |                             |                              |     |     | JUL             | AUG | SEP | OCT |      |
| BAR PP 119327             | 6.0               | 97.0                        | 97.0                         | 7.0 | 7.0 | 7.3             | 6.7 | 6.0 | 5.5 | 6.8  |
| SRX 2758                  | 6.0               | 99.0                        | 99.0                         | 6.0 | 8.0 | 8.0             | 7.0 | 6.0 | 6.0 | 6.8  |
| WATERWORKS (A05-204)      | 5.0               | 95.0                        | 95.0                         | 7.0 | 8.0 | 8.0             | 7.0 | 6.0 | 5.0 | 6.8  |
| A06-47                    | 5.0               | 92.5                        | 92.5                         | 7.0 | 8.0 | 8.0             | 7.0 | 6.0 | 4.0 | 6.7  |
| AVID                      | 5.5               | 94.5                        | 92.5                         | 7.0 | 7.0 | 8.0             | 7.5 | 5.5 | 5.0 | 6.7  |
| RAD-849                   | 7.0               | 90.0                        | 90.0                         | 7.0 | 7.0 | 8.0             | 7.0 | 6.0 | 5.0 | 6.7  |
| RUSH                      | 5.0               | 94.5                        | 95.0                         | 7.5 | 7.5 | 8.0             | 8.0 | 5.0 | 4.0 | 6.7  |
| SRX 466                   | 6.0               | 99.0                        | 99.0                         | 7.0 | 8.0 | 7.0             | 7.0 | 6.0 | 5.0 | 6.7  |
| ENDURANCE (PST-K4-7)      | 5.7               | 93.3                        | 93.3                         | 7.0 | 7.3 | 7.7             | 7.0 | 5.7 | 4.7 | 6.6  |
| SRX 5321                  | 5.3               | 96.3                        | 96.3                         | 7.3 | 7.7 | 7.7             | 7.3 | 4.7 | 4.7 | 6.6  |
| J-1853                    | 5.0               | 85.0                        | 95.0                         | 7.0 | 7.0 | 8.0             | 7.0 | 6.0 | 4.0 | 6.5  |
| LEGEND (A10-1)            | 7.0               | 90.0                        | 95.0                         | 7.0 | 8.0 | 7.0             | 8.0 | 5.0 | 4.0 | 6.5  |
| PST-K9-90                 | 6.0               | 94.5                        | 97.0                         | 7.0 | 7.0 | 7.5             | 7.0 | 5.5 | 5.0 | 6.5  |
| A04-36                    | 5.0               | 80.0                        | 90.0                         | 7.0 | 8.0 | 8.0             | 7.0 | 5.0 | 3.0 | 6.3  |
| A05-360                   | 7.0               | 85.0                        | 94.5                         | 7.0 | 7.5 | 7.0             | 7.0 | 5.0 | 4.0 | 6.3  |
| A06-46                    | 5.0               | 99.0                        | 99.0                         | 5.0 | 7.0 | 8.0             | 7.0 | 6.0 | 5.0 | 6.3  |
| AKB 2555                  | 6.0               | 92.5                        | 95.0                         | 7.0 | 7.5 | 7.5             | 6.5 | 5.0 | 4.5 | 6.3  |
| BARDUKE                   | 6.0               | 95.0                        | 99.0                         | 6.0 | 7.0 | 7.0             | 7.0 | 6.0 | 5.0 | 6.3  |
| BLACKJACK                 | 5.7               | 93.0                        | 93.3                         | 7.3 | 7.3 | 7.0             | 6.7 | 5.3 | 4.3 | 6.3  |
| BLUE COAT (AKB 2282)      | 5.5               | 92.5                        | 95.0                         | 6.5 | 8.0 | 7.0             | 6.5 | 5.0 | 4.5 | 6.3  |
| DAUNTLESS (A05-315)       | 5.0               | 85.0                        | 95.0                         | 7.0 | 8.0 | 8.0             | 7.0 | 5.0 | 3.0 | 6.3  |
| EMPIRE                    | 6.0               | 90.0                        | 90.0                         | 7.0 | 7.0 | 8.0             | 7.0 | 5.0 | 4.0 | 6.3  |
| JACKRABBIT (PST-K10-106D) | 5.5               | 92.0                        | 95.0                         | 7.0 | 7.0 | 7.0             | 6.5 | 5.5 | 4.5 | 6.3  |
| LUNAR (PST-07-261)        | 6.0               | 95.0                        | 95.0                         | 7.0 | 7.0 | 7.0             | 7.0 | 5.5 | 4.5 | 6.3  |
| MAZAMA (A04-74)           | 5.5               | 92.5                        | 92.5                         | 6.5 | 7.0 | 7.5             | 7.0 | 5.5 | 4.5 | 6.3  |
| MERLOT (LTP-08-6)         | 6.0               | 80.0                        | 90.0                         | 7.0 | 8.0 | 7.0             | 7.0 | 5.0 | 4.0 | 6.3  |
| PICK TD9                  | 5.0               | 99.0                        | 99.0                         | 6.0 | 7.0 | 7.0             | 7.0 | 6.0 | 5.0 | 6.3  |
| RAD-1492                  | 7.0               | 92.5                        | 90.0                         | 7.5 | 7.0 | 8.0             | 7.5 | 4.0 | 4.0 | 6.3  |
| SKYE                      | 6.5               | 85.0                        | 92.5                         | 8.0 | 8.0 | 7.5             | 7.0 | 4.5 | 3.0 | 6.3  |
| SRX 4338                  | 5.3               | 94.7                        | 96.3                         | 6.7 | 7.3 | 7.0             | 6.7 | 5.3 | 4.7 | 6.3  |
| SUDDEN IMPACT             | 5.0               | 85.0                        | 82.5                         | 7.5 | 7.5 | 7.0             | 7.0 | 5.0 | 4.0 | 6.3  |
| THERMAL BLUE              | 6.0               | 95.0                        | 95.0                         | 6.0 | 7.0 | 8.0             | 7.0 | 6.0 | 4.0 | 6.3  |
| 3733                      | 5.0               | 91.3                        | 93.0                         | 6.7 | 7.3 | 7.3             | 7.0 | 5.0 | 4.0 | 6.2  |
| A05-999                   | 5.0               | 90.0                        | 90.0                         | 7.0 | 7.0 | 7.0             | 7.0 | 5.0 | 4.0 | 6.2  |
| AWARD                     | 6.0               | 95.0                        | 95.0                         | 7.0 | 7.0 | 7.0             | 7.0 | 5.0 | 4.0 | 6.2  |
| BAR PP 110358             | 6.0               | 95.0                        | 95.0                         | 7.0 | 7.0 | 7.0             | 6.0 | 6.0 | 4.0 | 6.2  |
| CABERNET                  | 5.0               | 90.0                        | 95.0                         | 6.0 | 8.0 | 7.0             | 7.0 | 5.0 | 4.0 | 6.2  |
| H99-1653                  | 6.0               | 99.0                        | 99.0                         | 7.0 | 7.0 | 7.0             | 7.0 | 5.0 | 4.0 | 6.2  |
| J-1136                    | 6.0               | 99.0                        | 99.0                         | 5.0 | 7.0 | 7.0             | 7.0 | 6.0 | 5.0 | 6.2  |
| NU CHICAGO                | 5.0               | 85.0                        | 85.0                         | 6.0 | 8.0 | 8.0             | 7.0 | 5.0 | 3.0 | 6.2  |
| PST-K9-99                 | 6.0               | 90.0                        | 95.0                         | 7.0 | 7.0 | 7.0             | 7.0 | 5.0 | 4.0 | 6.2  |
| ZINGER (A05-306)          | 6.3               | 93.3                        | 90.0                         | 7.0 | 7.0 | 7.7             | 6.7 | 5.0 | 4.0 | 6.2  |
| A05-329                   | 6.0               | 90.0                        | 95.0                         | 6.5 | 7.0 | 7.5             | 7.0 | 4.5 | 4.0 | 6.1  |
| PICK 4340                 | 5.0               | 93.0                        | 96.3                         | 6.7 | 7.0 | 7.0             | 6.3 | 5.7 | 4.0 | 6.1  |
| PICK MP07                 | 6.0               | 90.0                        | 90.0                         | 7.0 | 7.0 | 7.0             | 7.0 | 5.0 | 3.5 | 6.1  |

TABLE 13.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER TRAFFIC STRESS AT EAST LANSING, MI 1/  
2015 DATA

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

| NAME                       | SPRING<br>GREENUP | PERCENT<br>COVER<br>OCTOBER | PERCENT<br>COVER<br>NOVEMBER | MAY | JUN | QUALITY<br>RATINGS<br>JUL | AUG  | SEP  | OCT  | MEAN |
|----------------------------|-------------------|-----------------------------|------------------------------|-----|-----|---------------------------|------|------|------|------|
| PST-T10-18                 | 4.7               | 93.3                        | 94.7                         | 7.0 | 7.7 | 7.0                       | 6.3  | 4.7  | 3.7  | 6.1  |
| ZEDOR (PPH 9131)           | 6.0               | 92.5                        | 90.0                         | 7.0 | 7.0 | 7.0                       | 6.5  | 5.0  | 4.0  | 6.1  |
| A00-4199                   | 6.0               | 90.0                        | 95.0                         | 6.0 | 7.0 | 7.0                       | 7.0  | 5.0  | 4.0  | 6.0  |
| BAR VV 118532              | 6.0               | 75.0                        | 83.3                         | 7.3 | 7.7 | 7.3                       | 6.0  | 4.3  | 3.3  | 6.0  |
| BARVETTE HGT (BAR VV 0709) | 5.0               | 85.0                        | 90.0                         | 6.0 | 7.0 | 7.0                       | 7.0  | 5.0  | 4.0  | 6.0  |
| MIDNIGHT                   | 6.0               | 90.0                        | 90.0                         | 6.0 | 7.0 | 7.0                       | 7.0  | 5.0  | 4.0  | 6.0  |
| PST-K4-3                   | 5.0               | 90.0                        | 90.0                         | 6.0 | 7.0 | 7.5                       | 6.5  | 5.0  | 4.0  | 6.0  |
| PST-K9-97                  | 5.0               | 87.5                        | 84.5                         | 6.0 | 7.5 | 7.0                       | 7.0  | 4.5  | 4.0  | 6.0  |
| SHAMROCK                   | 5.5               | 87.5                        | 92.5                         | 7.0 | 7.5 | 7.0                       | 6.5  | 5.0  | 3.0  | 6.0  |
| BAR 8PP 504                | 6.5               | 85.0                        | 82.5                         | 7.0 | 7.5 | 7.5                       | 6.5  | 3.5  | 3.5  | 5.9  |
| OASIS (A98-344)            | 5.3               | 88.3                        | 91.7                         | 6.7 | 7.3 | 6.7                       | 6.7  | 4.3  | 4.0  | 5.9  |
| A01-1106                   | 5.3               | 85.0                        | 86.7                         | 6.0 | 7.0 | 6.7                       | 6.3  | 5.0  | 4.0  | 5.8  |
| A04-38                     | 6.0               | 95.0                        | 95.0                         | 6.0 | 7.0 | 6.0                       | 5.0  | 6.0  | 5.0  | 5.8  |
| A06-26                     | 5.5               | 85.0                        | 90.0                         | 6.5 | 7.0 | 6.5                       | 6.5  | 4.5  | 3.5  | 5.8  |
| AMERICA                    | 5.5               | 92.5                        | 94.5                         | 7.0 | 7.0 | 7.0                       | 6.0  | 4.5  | 3.5  | 5.8  |
| BAR 12PP 612               | 6.0               | 90.0                        | 92.5                         | 6.5 | 7.0 | 7.0                       | 6.0  | 4.5  | 4.0  | 5.8  |
| BAR VV 112916              | 6.5               | 67.5                        | 75.0                         | 6.5 | 8.0 | 7.5                       | 7.0  | 3.5  | 2.5  | 5.8  |
| BLUEBANK (A03-1017)        | 6.5               | 67.5                        | 82.5                         | 7.0 | 7.0 | 7.5                       | 6.5  | 3.5  | 3.0  | 5.8  |
| PICK TD8                   | 5.0               | 90.0                        | 95.0                         | 6.0 | 8.0 | 7.0                       | 7.0  | 4.0  | 3.0  | 5.8  |
| ARROWHEAD                  | 6.7               | 78.3                        | 76.3                         | 7.0 | 7.3 | 7.0                       | 6.7  | 3.7  | 2.7  | 5.7  |
| BLUE NOTE                  | 7.0               | 65.0                        | 75.0                         | 7.0 | 7.0 | 8.0                       | 7.0  | 3.0  | 2.0  | 5.7  |
| BURL 3-51                  | 6.5               | 75.0                        | 75.0                         | 7.0 | 7.0 | 7.0                       | 6.5  | 3.5  | 3.0  | 5.7  |
| KENBLUE                    | 5.7               | 83.3                        | 86.7                         | 6.7 | 7.0 | 6.7                       | 6.3  | 4.3  | 3.3  | 5.7  |
| BAR PP 119326              | 5.5               | 90.0                        | 90.0                         | 6.0 | 6.5 | 7.0                       | 6.0  | 4.0  | 4.0  | 5.6  |
| BURL 06-11                 | 5.0               | 90.0                        | 94.7                         | 6.0 | 6.3 | 6.3                       | 5.7  | 5.0  | 4.0  | 5.6  |
| A05-361                    | 5.0               | 85.0                        | 85.0                         | 7.0 | 7.0 | 7.0                       | 6.0  | 3.0  | 3.0  | 5.5  |
| A98-363                    | 7.0               | 80.0                        | 85.0                         | 7.0 | 7.0 | 8.0                       | 6.0  | 3.0  | 2.0  | 5.5  |
| BARON                      | 5.0               | 75.0                        | 70.0                         | 6.0 | 7.0 | 7.0                       | 6.0  | 4.0  | 3.0  | 5.5  |
| A00-2882                   | 6.5               | 92.5                        | 92.5                         | 5.0 | 6.0 | 6.5                       | 6.0  | 5.0  | 4.0  | 5.4  |
| A05-TB-382                 | 6.0               | 80.0                        | 90.0                         | 6.5 | 7.0 | 6.5                       | 5.5  | 4.0  | 2.5  | 5.3  |
| J-1770                     | 5.0               | 85.0                        | 85.0                         | 5.0 | 7.0 | 7.0                       | 6.0  | 4.0  | 3.0  | 5.3  |
| ARAMINTHA (PP 10847)       | .                 | .                           | .                            | .   | .   | .                         | .    | .    | .    | .    |
| GEISHA (DPPP818)           | .                 | .                           | .                            | .   | .   | .                         | .    | .    | .    | .    |
| KEENELAND (A04-342)        | .                 | .                           | .                            | .   | .   | .                         | .    | .    | .    | .    |
| PICK 033                   | .                 | .                           | .                            | .   | .   | .                         | .    | .    | .    | .    |
| RAD-507                    | .                 | .                           | .                            | .   | .   | .                         | .    | .    | .    | .    |
| RUBIX (4S2W)               | .                 | .                           | .                            | .   | .   | .                         | .    | .    | .    | .    |
| LSD VALUE                  | 2.8               | 66.0                        | 57.0                         | 2.4 | 2.2 | 5.3                       | 6.2  | 5.2  | 6.3  | 4.3  |
| C.V. (%)                   | 12.1              | 11.9                        | 10.0                         | 9.3 | 6.9 | 10.7                      | 13.1 | 20.2 | 26.3 | 10.0 |

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

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

TABLE 14.

PERCENT TURFGRASS FULLNESS OF CANOPY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
 GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ  
 2015 DATA  
 TURFGRASS COVER UNIFORMITY RATINGS 1-9; 9=MOST DENSE, UNIFORM TURF COVER 2/ \*/

| NAME                       | BEFORE TRAFFIC ON APRIL 27 |              |                 |                            |              |                 | AFTER TRAFFIC IN SPRING (JUNE 5) |              |                 |                            |              |                 |
|----------------------------|----------------------------|--------------|-----------------|----------------------------|--------------|-----------------|----------------------------------|--------------|-----------------|----------------------------|--------------|-----------------|
|                            | UNIFORMITY RATINGS         |              |                 | PERCENT FULLNESS OF CANOPY |              |                 | UNIFORMITY RATINGS               |              |                 | PERCENT FULLNESS OF CANOPY |              |                 |
|                            | NO TRAFFIC                 | CADY TRAFFIC | RUTGERS TRAFFIC | NO TRAFFIC                 | CADY TRAFFIC | RUTGERS TRAFFIC | NO TRAFFIC                       | CADY TRAFFIC | RUTGERS TRAFFIC | NO TRAFFIC                 | CADY TRAFFIC | RUTGERS TRAFFIC |
| BARVETTE HGT (BAR VV 0709) | 9.0                        | 9.0          | 9.0             | 99.0                       | 96.3         | 96.0            | 9.0                              | 8.7          | 8.3             | 93.3                       | 80.0         | 81.7            |
| RUBIX (4S2W)               | 9.0                        | 7.7          | 7.0             | 99.0                       | 83.3         | 65.0            | 9.0                              | 8.7          | 7.3             | 97.7                       | 81.7         | 71.7            |
| ARROWHEAD                  | 9.0                        | 6.3          | 5.7             | 97.7                       | 70.0         | 61.7            | 9.0                              | 7.7          | 3.7             | 99.0                       | 73.3         | 36.7            |
| ARAMINTHA (PP 10847)       | 9.0                        | 8.3          | 7.7             | 99.0                       | 91.3         | 75.0            | 9.0                              | 9.0          | 8.7             | 99.0                       | 93.3         | 88.3            |
| SRX 2758                   | 8.7                        | 6.7          | 5.3             | 91.7                       | 61.7         | 55.0            | 9.0                              | 8.0          | 5.3             | 95.0                       | 66.7         | 46.7            |
| H99-1653                   | 9.0                        | 7.3          | 7.7             | 99.0                       | 85.0         | 78.3            | 9.0                              | 8.3          | 6.7             | 95.0                       | 71.7         | 61.7            |
| A06-46                     | 8.7                        | 6.3          | 5.7             | 94.7                       | 71.7         | 50.0            | 9.0                              | 7.7          | 5.0             | 94.7                       | 73.3         | 50.0            |
| DAUNTLESS (A05-315)        | 9.0                        | 7.7          | 6.3             | 94.7                       | 83.3         | 68.3            | 9.0                              | 9.0          | 7.0             | 97.7                       | 88.3         | 71.7            |
| PST-K9-99                  | 9.0                        | 8.0          | 6.0             | 97.7                       | 81.7         | 60.0            | 9.0                              | 8.3          | 7.0             | 97.7                       | 83.3         | 70.0            |
| SRX 5321                   | 9.0                        | 7.7          | 6.3             | 93.0                       | 80.0         | 61.7            | 9.0                              | 9.0          | 8.3             | 99.0                       | 88.3         | 81.7            |
| A01-1106                   | 8.0                        | 7.0          | 4.7             | 88.3                       | 73.3         | 38.3            | 9.0                              | 7.3          | 4.3             | 91.7                       | 76.7         | 45.0            |
| JACKRABBIT (PST-K10-106D)  | 9.0                        | 6.7          | 6.3             | 97.7                       | 81.7         | 65.0            | 9.0                              | 7.3          | 6.7             | 95.0                       | 70.0         | 66.7            |
| MIDNIGHT                   | 8.3                        | 5.0          | 4.7             | 93.0                       | 56.7         | 41.7            | 9.0                              | 6.7          | 4.3             | 91.7                       | 61.7         | 40.0            |
| NU CHICAGO                 | 9.0                        | 6.3          | 5.3             | 89.7                       | 65.0         | 45.0            | 8.7                              | 6.7          | 5.0             | 91.7                       | 70.0         | 51.7            |
| PST-K9-90                  | 9.0                        | 6.3          | 6.3             | 96.0                       | 60.0         | 63.3            | 9.0                              | 7.3          | 7.0             | 96.3                       | 68.3         | 65.0            |
| SRX 4338                   | 8.7                        | 6.3          | 5.3             | 94.7                       | 58.3         | 51.7            | 9.0                              | 7.0          | 4.7             | 93.3                       | 75.0         | 45.0            |
| A00-2882                   | 8.0                        | 5.3          | 4.7             | 80.0                       | 55.0         | 40.0            | 8.0                              | 6.0          | 2.3             | 81.7                       | 55.0         | 28.3            |
| BLUEBANK (A03-1017)        | 8.3                        | 7.3          | 6.0             | 89.7                       | 66.7         | 45.0            | 9.0                              | 8.0          | 4.3             | 93.3                       | 78.3         | 53.3            |
| ENDURANCE (PST-K4-7)       | 9.0                        | 7.0          | 6.0             | 96.0                       | 68.3         | 58.3            | 9.0                              | 8.0          | 5.3             | 94.7                       | 80.0         | 63.3            |
| J-1770                     | 9.0                        | 5.7          | 5.0             | 88.3                       | 51.7         | 36.7            | 9.0                              | 7.0          | 4.7             | 96.3                       | 66.7         | 45.0            |
| PICK TD8                   | 8.7                        | 6.0          | 4.7             | 91.3                       | 75.0         | 50.0            | 8.7                              | 7.0          | 4.0             | 91.7                       | 73.3         | 43.3            |
| PST-T10-18                 | 9.0                        | 8.7          | 7.3             | 99.0                       | 91.7         | 83.3            | 9.0                              | 8.0          | 6.0             | 97.7                       | 75.0         | 65.0            |
| RUSH                       | 9.0                        | 5.3          | 5.0             | 96.3                       | 60.0         | 53.3            | 9.0                              | 7.7          | 4.0             | 96.3                       | 80.0         | 50.0            |
| A06-26                     | 9.0                        | 6.3          | 4.3             | 97.7                       | 65.0         | 43.3            | 9.0                              | 8.3          | 3.7             | 93.3                       | 81.7         | 51.7            |
| BAR VV 118532              | 8.0                        | 7.3          | 5.7             | 88.0                       | 74.7         | 60.0            | 8.7                              | 7.7          | 6.3             | 94.7                       | 73.3         | 70.0            |
| A00-4199                   | 8.7                        | 8.3          | 5.3             | 90.0                       | 83.3         | 48.3            | 9.0                              | 8.0          | 5.7             | 96.3                       | 75.0         | 61.7            |
| A05-999                    | 8.3                        | 7.7          | 6.3             | 96.3                       | 81.7         | 63.3            | 9.0                              | 7.0          | 4.3             | 99.0                       | 76.7         | 51.7            |
| J-1136                     | 8.0                        | 5.3          | 4.0             | 81.7                       | 53.3         | 35.0            | 8.7                              | 7.3          | 2.7             | 90.0                       | 71.7         | 38.3            |
| J-1853                     | 8.3                        | 6.0          | 5.0             | 85.0                       | 68.3         | 51.7            | 9.0                              | 8.0          | 4.7             | 96.3                       | 81.7         | 48.3            |
| AWARD                      | 8.0                        | 4.7          | 4.7             | 85.0                       | 53.3         | 40.0            | 8.7                              | 6.3          | 3.3             | 90.0                       | 66.7         | 43.3            |
| BAR PP 110358              | 9.0                        | 8.3          | 5.3             | 99.0                       | 86.7         | 51.7            | 9.0                              | 8.3          | 4.0             | 96.3                       | 86.7         | 40.0            |
| A05-361                    | 9.0                        | 6.0          | 5.0             | 96.0                       | 60.0         | 48.3            | 9.0                              | 7.7          | 3.7             | 97.7                       | 75.0         | 45.0            |
| AMERICA                    | 8.0                        | 5.3          | 4.0             | 88.3                       | 68.3         | 40.0            | 9.0                              | 6.7          | 3.7             | 91.7                       | 68.3         | 43.3            |
| BAR 12PP 612               | 8.7                        | 6.3          | 4.7             | 88.0                       | 60.0         | 43.3            | 9.0                              | 8.0          | 5.0             | 93.3                       | 76.7         | 48.3            |
| BAR VV 112916              | 9.0                        | 8.7          | 6.7             | 99.0                       | 88.0         | 65.0            | 9.0                              | 8.0          | 5.7             | 96.3                       | 76.7         | 60.0            |
| BARON                      | 8.3                        | 6.3          | 4.3             | 91.0                       | 61.7         | 38.3            | 8.7                              | 6.7          | 4.7             | 90.0                       | 65.0         | 50.0            |
| BLUE NOTE                  | 9.0                        | 7.3          | 5.0             | 97.7                       | 78.3         | 45.0            | 9.0                              | 8.7          | 6.3             | 96.3                       | 86.7         | 60.0            |
| BURL 06-11                 | 8.0                        | 6.0          | 4.3             | 91.3                       | 63.3         | 45.0            | 9.0                              | 7.3          | 3.7             | 93.0                       | 73.3         | 41.7            |
| CABERNET                   | 8.7                        | 7.3          | 8.0             | 85.0                       | 66.7         | 66.7            | 8.7                              | 7.7          | 6.7             | 94.7                       | 81.7         | 65.0            |
| PICK 4340                  | 8.7                        | 6.7          | 5.3             | 90.0                       | 60.0         | 50.0            | 9.0                              | 7.3          | 5.0             | 95.0                       | 70.0         | 51.7            |
| PST-K9-97                  | 8.7                        | 7.0          | 5.0             | 96.0                       | 71.7         | 55.0            | 8.7                              | 6.0          | 3.3             | 91.7                       | 71.7         | 46.7            |
| BAR 8PP 504                | 9.0                        | 8.3          | 5.0             | 96.0                       | 89.7         | 50.0            | 9.0                              | 8.7          | 7.0             | 99.0                       | 90.0         | 75.0            |
| BLUE COAT (AKB 2282)       | 9.0                        | 7.7          | 6.0             | 97.7                       | 80.0         | 63.3            | 9.0                              | 8.7          | 7.0             | 96.3                       | 88.3         | 66.7            |
| PST-K4-3                   | 9.0                        | 6.0          | 4.7             | 96.0                       | 65.0         | 45.0            | 9.0                              | 6.0          | 3.3             | 95.0                       | 56.7         | 30.0            |
| SRX 466                    | 8.3                        | 6.3          | 5.0             | 86.3                       | 53.3         | 40.0            | 9.0                              | 7.0          | 2.7             | 88.3                       | 60.0         | 33.3            |
| SUDDEN IMPACT              | 7.7                        | 4.7          | 3.7             | 76.7                       | 48.3         | 36.7            | 8.7                              | 7.0          | 3.3             | 90.0                       | 68.3         | 40.0            |



TABLE 14. (CONT'D)

PERCENT TURFGRASS FULLNESS OF CANOPY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ  
2015 DATA  
TURFGRASS COVER UNIFORMITY RATINGS 1-9; 9=MOST DENSE, UNIFORM TURF COVER 2/ \*/

| NAME                 | BEFORE TRAFFIC ON APRIL 27 |              |                 |                            |              |                 | AFTER TRAFFIC IN SPRING (JUNE 5) |              |                 |                            |              |                 |
|----------------------|----------------------------|--------------|-----------------|----------------------------|--------------|-----------------|----------------------------------|--------------|-----------------|----------------------------|--------------|-----------------|
|                      | UNIFORMITY RATINGS         |              |                 | PERCENT FULLNESS OF CANOPY |              |                 | UNIFORMITY RATINGS               |              |                 | PERCENT FULLNESS OF CANOPY |              |                 |
|                      | NO TRAFFIC                 | CADY TRAFFIC | RUTGERS TRAFFIC | NO TRAFFIC                 | CADY TRAFFIC | RUTGERS TRAFFIC | NO TRAFFIC                       | CADY TRAFFIC | RUTGERS TRAFFIC | NO TRAFFIC                 | CADY TRAFFIC | RUTGERS TRAFFIC |
| THERMAL BLUE         | 8.7                        | 8.0          | 6.0             | 94.7                       | 76.7         | 58.3            | 9.0                              | 7.7          | 6.0             | 91.7                       | 70.0         | 56.7            |
| 3733                 | 8.0                        | 5.7          | 3.7             | 90.0                       | 66.7         | 46.7            | 8.7                              | 6.3          | 2.7             | 91.7                       | 63.3         | 28.3            |
| BAR PP 119327        | 9.0                        | 7.3          | 4.7             | 97.7                       | 71.7         | 43.3            | 9.0                              | 7.7          | 5.7             | 96.3                       | 75.0         | 60.0            |
| BARDUKE              | 8.3                        | 5.0          | 4.3             | 96.3                       | 60.0         | 51.7            | 8.7                              | 7.0          | 4.3             | 91.7                       | 58.3         | 40.0            |
| EMPIRE               | 7.7                        | 5.3          | 3.3             | 86.7                       | 50.0         | 35.0            | 8.7                              | 6.0          | 2.0             | 91.7                       | 55.0         | 23.3            |
| KEENELAND (A04-342)  | 8.0                        | 6.3          | 4.3             | 86.7                       | 55.0         | 40.0            | 9.0                              | 7.7          | 4.3             | 93.3                       | 71.7         | 40.0            |
| AKB 2555             | 9.0                        | 5.3          | 3.3             | 94.7                       | 65.0         | 51.7            | 8.7                              | 6.3          | 2.7             | 91.7                       | 71.7         | 36.7            |
| BURL 3-51            | 7.7                        | 5.0          | 3.0             | 78.3                       | 48.3         | 26.7            | 8.3                              | 6.0          | 2.0             | 83.3                       | 56.7         | 26.7            |
| GEISHA (DPPP818)     | 8.3                        | 5.0          | 4.3             | 81.7                       | 48.3         | 31.7            | 9.0                              | 7.3          | 4.7             | 88.3                       | 66.7         | 46.7            |
| SHAMROCK             | 9.0                        | 7.3          | 5.0             | 91.7                       | 76.7         | 50.0            | 9.0                              | 8.0          | 4.7             | 97.7                       | 81.7         | 50.0            |
| A05-360              | 8.7                        | 6.7          | 6.0             | 91.7                       | 75.0         | 60.0            | 9.0                              | 8.0          | 3.0             | 91.7                       | 71.7         | 36.7            |
| A98-363              | 8.3                        | 5.3          | 3.7             | 88.0                       | 55.0         | 36.7            | 8.7                              | 6.3          | 3.0             | 91.7                       | 63.3         | 33.3            |
| BAR PP 119326        | 8.3                        | 6.3          | 6.0             | 88.3                       | 61.7         | 53.3            | 8.7                              | 6.7          | 5.3             | 90.0                       | 66.7         | 55.0            |
| AVID                 | 8.3                        | 6.0          | 4.7             | 86.3                       | 63.3         | 41.7            | 8.7                              | 7.7          | 3.3             | 91.7                       | 70.0         | 40.0            |
| BLACKJACK            | 8.0                        | 5.0          | 2.7             | 80.0                       | 65.0         | 35.0            | 8.0                              | 5.7          | 1.7             | 85.0                       | 61.7         | 23.3            |
| LUNAR (PST-07-261)   | 8.7                        | 6.0          | 4.7             | 96.3                       | 71.7         | 45.0            | 8.7                              | 6.0          | 3.7             | 93.0                       | 65.0         | 36.7            |
| MERLOT (LTP-08-6)    | 8.3                        | 5.3          | 4.0             | 86.7                       | 53.3         | 40.0            | 9.0                              | 6.7          | 3.0             | 90.0                       | 63.3         | 35.0            |
| OASIS (A98-344)      | 7.0                        | 4.7          | 3.0             | 80.0                       | 51.7         | 25.0            | 8.0                              | 6.0          | 2.0             | 85.0                       | 56.7         | 28.3            |
| A04-36               | 8.7                        | 7.7          | 5.3             | 93.3                       | 76.7         | 51.7            | 9.0                              | 7.7          | 5.7             | 95.0                       | 78.3         | 56.7            |
| A04-38               | 8.7                        | 6.0          | 4.7             | 93.0                       | 55.0         | 41.7            | 9.0                              | 8.7          | 5.7             | 96.0                       | 80.0         | 63.3            |
| A06-47               | 8.3                        | 7.0          | 4.3             | 90.0                       | 70.0         | 43.3            | 8.7                              | 7.3          | 3.0             | 91.7                       | 76.7         | 33.3            |
| PICK 033             | 9.0                        | 7.3          | 6.0             | 93.0                       | 73.3         | 58.3            | 9.0                              | 7.3          | 4.0             | 94.7                       | 63.3         | 43.3            |
| A05-TB-382           | 8.7                        | 7.7          | 5.0             | 91.7                       | 68.3         | 45.0            | 8.7                              | 7.0          | 4.0             | 91.7                       | 73.3         | 45.0            |
| KENBLUE              | 8.7                        | 7.3          | 6.0             | 96.0                       | 78.3         | 66.7            | 8.7                              | 8.0          | 6.3             | 96.3                       | 80.0         | 71.7            |
| LEGEND (A10-1)       | 8.0                        | 6.3          | 4.0             | 90.0                       | 65.0         | 40.0            | 8.7                              | 7.0          | 3.0             | 90.0                       | 68.3         | 38.3            |
| RAD-1492             | 7.7                        | 4.7          | 2.7             | 81.7                       | 56.7         | 30.0            | 9.0                              | 6.7          | 1.7             | 86.7                       | 60.0         | 26.7            |
| RAD-849              | 8.0                        | 6.3          | 5.0             | 81.7                       | 61.7         | 41.7            | 9.0                              | 7.3          | 3.7             | 93.0                       | 73.3         | 38.3            |
| ZEDOR (PPH 9131)     | 8.3                        | 6.0          | 5.3             | 88.3                       | 53.3         | 45.0            | 9.0                              | 7.7          | 5.7             | 88.3                       | 66.7         | 51.7            |
| ZINGER (A05-306)     | 9.0                        | 6.7          | 5.3             | 91.7                       | 66.7         | 53.3            | 9.0                              | 8.7          | 6.3             | 96.3                       | 85.0         | 63.3            |
| SKYE                 | 9.0                        | 7.7          | 6.0             | 91.3                       | 75.0         | 55.0            | 9.0                              | 9.0          | 6.0             | 97.7                       | 90.0         | 63.3            |
| MAZAMA (A04-74)      | 8.3                        | 7.0          | 4.3             | 91.7                       | 65.0         | 35.0            | 8.7                              | 7.3          | 3.0             | 90.0                       | 70.0         | 28.3            |
| PICK MP07            | 8.0                        | 5.0          | 3.3             | 88.0                       | 51.7         | 31.7            | 8.3                              | 6.0          | 2.3             | 88.3                       | 61.7         | 31.7            |
| RAD-507              | 8.0                        | 6.3          | 4.0             | 86.7                       | 56.7         | 43.3            | 8.7                              | 7.0          | 3.3             | 91.7                       | 68.3         | 36.7            |
| A05-329              | 7.7                        | 3.7          | 2.3             | 76.7                       | 41.7         | 21.7            | 8.3                              | 5.7          | 1.7             | 88.3                       | 56.7         | 23.3            |
| PICK TD9             | 8.7                        | 6.0          | 2.7             | 90.0                       | 61.7         | 38.3            | 8.7                              | 6.7          | 2.0             | 94.7                       | 78.3         | 33.3            |
| WATERWORKS (A05-204) | 7.3                        | 5.0          | 2.0             | 78.3                       | 46.7         | 25.0            | 8.0                              | 6.3          | 1.0             | 88.3                       | 68.3         | 25.0            |
| LSD VALUE            | 0.9                        | 1.9          | 1.8             | 11.2                       | 28.0         | 19.3            | 0.7                              | 1.4          | 2.3             | 6.2                        | 15.6         | 22.1            |
| C.V. (%)             | 5.8                        | 16.8         | 22.2            | 6.9                        | 21.3         | 23.9            | 3.8                              | 11.3         | 31.7            | 3.9                        | 12.4         | 27.7            |

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 14. (CONT'D)

PERCENT TURFGRASS FULLNESS OF CANOPY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ  
2015 DATA

TURFGRASS COVER UNIFORMITY RATINGS 1-9; 9=MOST DENSE, UNIFORM TURF COVER 2/ \*/

| NAME                       | BEFORE TRAFFIC ON JULY 13 |                 |                    |                            |                 |                    | AFTER TRAFFIC IN SUMMER (AUGUST 19) |                 |                    |                            |                 |                    |
|----------------------------|---------------------------|-----------------|--------------------|----------------------------|-----------------|--------------------|-------------------------------------|-----------------|--------------------|----------------------------|-----------------|--------------------|
|                            | UNIFORMITY RATINGS        |                 |                    | PERCENT FULLNESS OF CANOPY |                 |                    | UNIFORMITY RATINGS                  |                 |                    | PERCENT FULLNESS OF CANOPY |                 |                    |
|                            | NO<br>TRAFFIC             | CADY<br>TRAFFIC | RUTGERS<br>TRAFFIC | NO<br>TRAFFIC              | CADY<br>TRAFFIC | RUTGERS<br>TRAFFIC | NO<br>TRAFFIC                       | CADY<br>TRAFFIC | RUTGERS<br>TRAFFIC | NO<br>TRAFFIC              | CADY<br>TRAFFIC | RUTGERS<br>TRAFFIC |
| BARVETTE HGT (BAR VV 0709) | 9.0                       | 8.7             | 8.7                | 95.0                       | 91.7            | 91.7               | 9.0                                 | 8.3             | 8.0                | 96.0                       | 88.3            | 85.0               |
| RUBIX (4S2W)               | 9.0                       | 9.0             | 7.0                | 96.3                       | 90.0            | 76.7               | 9.0                                 | 7.7             | 6.0                | 99.0                       | 80.0            | 65.0               |
| ARROWHEAD                  | 9.0                       | 8.3             | 5.3                | 96.3                       | 86.7            | 60.0               | 9.0                                 | 8.3             | 5.3                | 99.0                       | 86.7            | 51.7               |
| ARAMINTHA (PP 10847)       | 9.0                       | 9.0             | 8.7                | 99.0                       | 95.0            | 93.3               | 9.0                                 | 8.3             | 7.3                | 97.7                       | 81.7            | 75.0               |
| SRX 2758                   | 9.0                       | 8.0             | 4.7                | 95.0                       | 80.0            | 65.0               | 9.0                                 | 7.7             | 4.0                | 96.0                       | 78.3            | 43.3               |
| H99-1653                   | 9.0                       | 8.3             | 7.0                | 91.7                       | 86.7            | 71.7               | 9.0                                 | 8.3             | 4.0                | 99.0                       | 80.0            | 46.7               |
| A06-46                     | 9.0                       | 8.7             | 6.7                | 91.7                       | 83.3            | 70.0               | 9.0                                 | 7.7             | 5.3                | 91.7                       | 71.7            | 48.3               |
| DAUNTLESS (A05-315)        | 9.0                       | 9.0             | 8.0                | 97.7                       | 93.3            | 86.7               | 9.0                                 | 8.7             | 5.0                | 97.7                       | 88.3            | 48.3               |
| PST-K9-99                  | 9.0                       | 8.7             | 7.7                | 95.0                       | 90.0            | 83.3               | 8.7                                 | 8.7             | 7.7                | 97.7                       | 88.3            | 71.7               |
| SRX 5321                   | 8.7                       | 8.7             | 7.7                | 95.0                       | 93.3            | 83.3               | 9.0                                 | 8.3             | 5.7                | 99.0                       | 81.7            | 60.0               |
| A01-1106                   | 8.3                       | 7.3             | 4.3                | 86.7                       | 70.0            | 45.0               | 9.0                                 | 7.3             | 4.7                | 99.0                       | 75.0            | 48.3               |
| JACKRABBIT (PST-K10-106D)  | 9.0                       | 8.3             | 7.0                | 93.3                       | 85.0            | 76.7               | 9.0                                 | 8.0             | 6.7                | 99.0                       | 80.0            | 70.0               |
| MIDNIGHT                   | 8.3                       | 7.0             | 4.3                | 93.3                       | 76.7            | 41.7               | 9.0                                 | 7.3             | 4.7                | 97.7                       | 75.0            | 50.0               |
| NU CHICAGO                 | 9.0                       | 7.0             | 5.7                | 91.7                       | 81.7            | 65.0               | 8.3                                 | 6.3             | 4.7                | 86.7                       | 63.3            | 41.7               |
| PST-K9-90                  | 9.0                       | 7.7             | 7.0                | 95.0                       | 85.0            | 85.0               | 8.3                                 | 7.3             | 5.3                | 96.0                       | 75.0            | 55.0               |
| SRX 4338                   | 8.7                       | 8.3             | 7.0                | 93.3                       | 88.3            | 70.0               | 8.7                                 | 7.3             | 5.7                | 91.7                       | 70.0            | 58.3               |
| A00-2882                   | 8.0                       | 7.0             | 4.3                | 86.7                       | 73.3            | 50.0               | 9.0                                 | 7.0             | 4.0                | 91.7                       | 66.7            | 36.7               |
| BLUEBANK (A03-1017)        | 9.0                       | 8.3             | 6.3                | 95.0                       | 85.0            | 63.3               | 9.0                                 | 7.7             | 5.0                | 90.0                       | 70.0            | 48.3               |
| ENDURANCE (PST-K4-7)       | 8.7                       | 8.0             | 6.3                | 95.0                       | 85.0            | 65.0               | 8.7                                 | 6.3             | 4.3                | 96.0                       | 65.0            | 41.7               |
| J-1770                     | 8.7                       | 8.0             | 6.3                | 93.3                       | 83.3            | 68.3               | 8.3                                 | 7.3             | 4.0                | 88.3                       | 68.3            | 36.7               |
| PICK TD8                   | 8.3                       | 7.3             | 5.3                | 86.7                       | 80.0            | 60.0               | 8.3                                 | 7.0             | 4.0                | 89.7                       | 73.3            | 45.0               |
| PST-T10-18                 | 9.0                       | 8.3             | 7.0                | 94.7                       | 88.3            | 78.3               | 9.0                                 | 8.0             | 6.0                | 96.3                       | 70.0            | 56.7               |
| RUSH                       | 9.0                       | 8.3             | 6.7                | 95.0                       | 88.3            | 71.7               | 9.0                                 | 7.3             | 4.7                | 97.7                       | 68.3            | 43.3               |
| A06-26                     | 8.7                       | 7.7             | 5.3                | 93.3                       | 80.0            | 61.7               | 8.7                                 | 8.3             | 5.0                | 94.7                       | 85.0            | 53.3               |
| BAR VV 118532              | 8.7                       | 8.3             | 7.3                | 94.7                       | 90.0            | 80.0               | 7.7                                 | 6.3             | 4.3                | 81.7                       | 68.3            | 45.0               |
| A00-4199                   | 9.0                       | 9.0             | 8.3                | 95.0                       | 93.3            | 83.3               | 9.0                                 | 8.7             | 5.7                | 97.7                       | 85.0            | 55.0               |
| A05-999                    | 9.0                       | 9.0             | 7.7                | 96.3                       | 93.3            | 75.0               | 9.0                                 | 8.3             | 4.0                | 99.0                       | 85.0            | 45.0               |
| J-1136                     | 9.0                       | 8.0             | 4.7                | 91.7                       | 85.0            | 55.0               | 8.7                                 | 7.3             | 2.7                | 94.3                       | 70.0            | 31.7               |
| J-1853                     | 9.0                       | 8.7             | 6.0                | 91.7                       | 85.0            | 61.7               | 7.3                                 | 7.3             | 4.3                | 85.0                       | 71.7            | 41.7               |
| AWARD                      | 8.3                       | 7.3             | 4.3                | 88.3                       | 81.7            | 61.7               | 8.3                                 | 6.7             | 4.0                | 93.0                       | 63.3            | 40.0               |
| BAR PP 110358              | 9.0                       | 8.3             | 5.7                | 96.3                       | 93.0            | 68.3               | 9.0                                 | 8.0             | 3.7                | 97.7                       | 81.7            | 43.3               |
| A05-361                    | 9.0                       | 8.0             | 5.3                | 93.0                       | 81.7            | 61.7               | 7.3                                 | 5.7             | 2.3                | 84.7                       | 60.0            | 31.7               |
| AMERICA                    | 8.7                       | 7.7             | 5.3                | 91.7                       | 76.7            | 61.7               | 7.7                                 | 5.7             | 3.7                | 80.0                       | 60.0            | 41.7               |
| BAR 12PP 612               | 9.0                       | 8.7             | 6.0                | 90.0                       | 83.3            | 66.7               | 7.0                                 | 5.7             | 3.3                | 76.7                       | 56.7            | 33.3               |
| BAR VV 112916              | 9.0                       | 8.3             | 7.0                | 95.0                       | 85.0            | 73.3               | 9.0                                 | 7.0             | 4.7                | 96.3                       | 76.7            | 45.0               |
| BARON                      | 8.7                       | 7.7             | 5.3                | 93.3                       | 83.3            | 61.7               | 8.7                                 | 7.7             | 5.0                | 97.7                       | 70.0            | 51.7               |
| BLUE NOTE                  | 9.0                       | 9.0             | 6.0                | 96.3                       | 91.7            | 61.7               | 9.0                                 | 8.0             | 6.0                | 99.0                       | 78.3            | 56.7               |
| BURL 06-11                 | 8.3                       | 8.0             | 5.3                | 93.3                       | 90.0            | 63.3               | 8.3                                 | 6.3             | 4.3                | 94.7                       | 63.3            | 40.0               |
| CABERNET                   | 9.0                       | 8.3             | 8.0                | 93.3                       | 88.3            | 80.0               | 8.3                                 | 7.0             | 4.0                | 86.7                       | 73.3            | 43.3               |
| PICK 4340                  | 9.0                       | 8.3             | 6.0                | 96.3                       | 80.0            | 66.7               | 9.0                                 | 7.7             | 5.3                | 94.7                       | 65.0            | 51.7               |
| PST-K9-97                  | 9.0                       | 8.3             | 6.0                | 88.3                       | 83.3            | 63.3               | 9.0                                 | 6.7             | 4.3                | 99.0                       | 66.7            | 46.7               |
| BAR 8PP 504                | 9.0                       | 9.0             | 7.7                | 97.7                       | 93.3            | 81.7               | 8.0                                 | 6.7             | 4.0                | 87.7                       | 71.7            | 40.0               |
| BLUE COAT (AKB 2282)       | 9.0                       | 9.0             | 7.3                | 95.0                       | 91.7            | 76.7               | 8.3                                 | 7.3             | 3.3                | 96.3                       | 78.3            | 35.0               |
| PST-K4-3                   | 8.7                       | 7.7             | 4.0                | 94.7                       | 80.0            | 53.3               | 8.7                                 | 6.0             | 2.7                | 90.0                       | 61.7            | 35.0               |
| SRX 466                    | 8.0                       | 6.7             | 3.7                | 80.0                       | 71.7            | 40.0               | 8.3                                 | 6.7             | 3.0                | 86.7                       | 70.0            | 30.0               |
| SUDDEN IMPACT              | 8.7                       | 8.0             | 5.0                | 90.0                       | 75.0            | 48.3               | 8.7                                 | 6.7             | 4.0                | 94.7                       | 63.3            | 38.3               |

TABLE 14. (CONT'D)

PERCENT TURFGRASS FULLNESS OF CANOPY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ  
2015 DATA  
TURFGRASS COVER UNIFORMITY RATINGS 1-9; 9=MOST DENSE, UNIFORM TURF COVER 2/ \*/

| NAME                 | BEFORE TRAFFIC ON JULY 13 |              |                 |                            |              |                 | AFTER TRAFFIC IN SUMMER (AUGUST 19) |              |                 |                            |              |                 |
|----------------------|---------------------------|--------------|-----------------|----------------------------|--------------|-----------------|-------------------------------------|--------------|-----------------|----------------------------|--------------|-----------------|
|                      | UNIFORMITY RATINGS        |              |                 | PERCENT FULLNESS OF CANOPY |              |                 | UNIFORMITY RATINGS                  |              |                 | PERCENT FULLNESS OF CANOPY |              |                 |
|                      | NO TRAFFIC                | CADY TRAFFIC | RUTGERS TRAFFIC | NO TRAFFIC                 | CADY TRAFFIC | RUTGERS TRAFFIC | NO TRAFFIC                          | CADY TRAFFIC | RUTGERS TRAFFIC | NO TRAFFIC                 | CADY TRAFFIC | RUTGERS TRAFFIC |
| THERMAL BLUE         | 9.0                       | 8.0          | 6.7             | 93.3                       | 80.0         | 70.0            | 9.0                                 | 8.0          | 6.3             | 94.7                       | 75.0         | 56.7            |
| 3733                 | 8.7                       | 7.0          | 4.0             | 88.3                       | 73.3         | 53.3            | 8.7                                 | 6.7          | 3.0             | 96.0                       | 63.3         | 35.0            |
| BAR PP 119327        | 9.0                       | 8.7          | 7.3             | 96.3                       | 86.7         | 78.3            | 9.0                                 | 8.3          | 6.0             | 96.3                       | 85.0         | 56.7            |
| BARDUKE              | 9.0                       | 8.3          | 6.7             | 95.0                       | 81.7         | 65.0            | 8.7                                 | 7.0          | 4.0             | 94.7                       | 73.3         | 46.7            |
| EMPIRE               | 7.7                       | 6.3          | 3.3             | 76.7                       | 63.3         | 45.0            | 8.3                                 | 6.7          | 3.0             | 88.3                       | 66.7         | 31.7            |
| KEENELAND (A04-342)  | 9.0                       | 8.3          | 5.7             | 91.7                       | 81.7         | 60.0            | 8.3                                 | 7.7          | 4.7             | 89.7                       | 73.3         | 43.3            |
| AKB 2555             | 9.0                       | 8.3          | 5.3             | 93.3                       | 90.0         | 61.7            | 8.7                                 | 5.7          | 2.7             | 93.3                       | 58.3         | 31.7            |
| BURL 3-51            | 7.3                       | 6.0          | 3.3             | 78.3                       | 63.3         | 36.7            | 8.0                                 | 6.0          | 3.3             | 83.3                       | 60.0         | 36.7            |
| GEISHA (DPPP818)     | 9.0                       | 8.3          | 7.0             | 95.0                       | 83.3         | 70.0            | 8.7                                 | 7.0          | 5.3             | 91.7                       | 73.3         | 55.0            |
| SHAMROCK             | 9.0                       | 8.7          | 6.0             | 95.0                       | 90.0         | 61.7            | 9.0                                 | 7.3          | 4.0             | 96.3                       | 76.7         | 41.7            |
| A05-360              | 9.0                       | 8.3          | 5.7             | 88.3                       | 85.0         | 68.3            | 9.0                                 | 8.0          | 3.7             | 93.3                       | 75.0         | 38.3            |
| A98-363              | 8.0                       | 7.3          | 6.0             | 90.0                       | 78.3         | 63.3            | 8.0                                 | 6.7          | 3.0             | 88.0                       | 66.7         | 36.7            |
| BAR PP 119326        | 8.7                       | 7.7          | 5.7             | 90.0                       | 75.0         | 63.3            | 9.0                                 | 7.7          | 6.3             | 97.7                       | 75.0         | 58.3            |
| AVID                 | 8.3                       | 7.7          | 4.7             | 83.3                       | 73.3         | 50.0            | 8.7                                 | 7.3          | 4.7             | 93.0                       | 75.0         | 43.3            |
| BLACKJACK            | 8.0                       | 6.3          | 3.3             | 85.0                       | 68.3         | 43.3            | 8.7                                 | 6.3          | 2.3             | 89.7                       | 63.3         | 30.0            |
| LUNAR (PST-07-261)   | 8.7                       | 7.7          | 4.7             | 83.3                       | 75.0         | 60.0            | 9.0                                 | 6.3          | 2.0             | 93.3                       | 65.0         | 23.3            |
| MERLOT (LTP-08-6)    | 8.3                       | 7.7          | 5.3             | 91.7                       | 76.7         | 61.7            | 8.7                                 | 7.3          | 4.3             | 93.3                       | 76.7         | 48.3            |
| OASIS (A98-344)      | 7.3                       | 5.7          | 3.0             | 75.0                       | 60.0         | 33.3            | 7.7                                 | 6.3          | 3.0             | 88.0                       | 63.3         | 36.7            |
| A04-36               | 9.0                       | 8.7          | 7.3             | 93.3                       | 85.0         | 66.7            | 9.0                                 | 8.0          | 4.3             | 97.7                       | 81.7         | 40.0            |
| A04-38               | 9.0                       | 8.7          | 6.3             | 91.7                       | 85.0         | 68.3            | 8.7                                 | 7.3          | 3.7             | 93.3                       | 71.7         | 41.7            |
| A06-47               | 8.3                       | 7.7          | 4.0             | 85.0                       | 78.3         | 46.7            | 9.0                                 | 7.3          | 3.0             | 96.0                       | 73.3         | 40.0            |
| PICK 033             | 8.7                       | 8.3          | 6.3             | 91.7                       | 80.0         | 65.0            | 8.7                                 | 6.7          | 3.3             | 91.7                       | 68.3         | 33.3            |
| A05-TB-382           | 8.7                       | 7.7          | 4.7             | 89.7                       | 81.7         | 63.3            | 8.0                                 | 6.7          | 2.7             | 85.0                       | 65.0         | 30.0            |
| KENBLUE              | 9.0                       | 9.0          | 7.7             | 96.3                       | 91.7         | 83.3            | 7.3                                 | 6.3          | 3.3             | 81.3                       | 65.0         | 28.3            |
| LEGEND (A10-1)       | 8.0                       | 6.7          | 4.3             | 80.0                       | 73.3         | 58.3            | 8.3                                 | 6.7          | 4.3             | 91.7                       | 66.7         | 38.3            |
| RAD-1492             | 8.7                       | 8.0          | 3.7             | 86.7                       | 81.7         | 43.3            | 8.0                                 | 5.7          | 2.3             | 88.3                       | 61.7         | 25.0            |
| RAD-849              | 9.0                       | 8.0          | 5.0             | 90.0                       | 80.0         | 61.7            | 7.3                                 | 6.0          | 3.0             | 80.0                       | 65.0         | 30.0            |
| ZEDOR (PPH 9131)     | 9.0                       | 8.0          | 6.3             | 91.7                       | 81.7         | 71.7            | 8.7                                 | 6.7          | 4.7             | 91.7                       | 68.3         | 46.7            |
| ZINGER (A05-306)     | 9.0                       | 9.0          | 7.3             | 96.3                       | 90.0         | 80.0            | 8.3                                 | 7.7          | 4.3             | 94.7                       | 75.0         | 46.7            |
| SKYE                 | 9.0                       | 9.0          | 7.3             | 95.0                       | 91.7         | 73.3            | 8.7                                 | 8.3          | 3.7             | 92.7                       | 81.7         | 36.7            |
| MAZAMA (A04-74)      | 8.3                       | 7.0          | 5.0             | 91.7                       | 76.7         | 56.7            | 9.0                                 | 7.7          | 4.3             | 93.0                       | 76.7         | 38.3            |
| PICK MP07            | 8.3                       | 7.3          | 3.7             | 90.0                       | 73.3         | 51.7            | 8.7                                 | 6.3          | 2.3             | 91.3                       | 61.7         | 31.7            |
| RAD-507              | 9.0                       | 7.7          | 4.3             | 93.3                       | 78.3         | 60.0            | 8.3                                 | 6.3          | 2.3             | 88.3                       | 61.7         | 26.7            |
| A05-329              | 7.7                       | 6.3          | 2.7             | 80.0                       | 73.3         | 40.0            | 7.3                                 | 5.7          | 1.3             | 78.3                       | 56.7         | 13.3            |
| PICK TD9             | 8.7                       | 7.7          | 4.0             | 88.3                       | 75.0         | 53.3            | 8.0                                 | 5.7          | 1.0             | 91.3                       | 51.7         | 10.0            |
| WATERWORKS (A05-204) | 7.3                       | 7.3          | 3.0             | 81.7                       | 80.0         | 36.7            | 6.0                                 | 5.3          | 1.0             | 76.7                       | 55.0         | 13.3            |
| LSD VALUE            | 0.7                       | 1.3          | 2.1             | 7.8                        | 11.9         | 24.0            | 4.1                                 | 2.2          | 2.3             | 28.7                       | 17.6         | 20.0            |
| C.V. (%)             | 4.9                       | 9.4          | 21.7            | 5.1                        | 8.5          | 21.1            | 11.8                                | 14.8         | 32.2            | 9.6                        | 13.2         | 27.7            |

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 14. (CONT'D)

PERCENT TURFGRASS FULLNESS OF CANOPY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ  
2015 DATA

TURFGRASS COVER UNIFORMITY RATINGS 1-9; 9=MOST DENSE, UNIFORM TURF COVER 2/ \*/

| NAME                       | BEFORE TRAFFIC ON SEPTEMBER 30 |                 |                    |                    |                 |                    | AFTER TRAFFIC IN FALL ON NOVEMBER 4-6 |                 |                    |                    |                 |                    |
|----------------------------|--------------------------------|-----------------|--------------------|--------------------|-----------------|--------------------|---------------------------------------|-----------------|--------------------|--------------------|-----------------|--------------------|
|                            | UNIFORMITY RATINGS             |                 |                    | FULLNESS OF CANOPY |                 |                    | UNIFORMITY RATINGS                    |                 |                    | FULLNESS OF CANOPY |                 |                    |
|                            | NO<br>TRAFFIC                  | CADY<br>TRAFFIC | RUTGERS<br>TRAFFIC | NO<br>TRAFFIC      | CADY<br>TRAFFIC | RUTGERS<br>TRAFFIC | NO<br>TRAFFIC                         | CADY<br>TRAFFIC | RUTGERS<br>TRAFFIC | NO<br>TRAFFIC      | CADY<br>TRAFFIC | RUTGERS<br>TRAFFIC |
| BARVETTE HGT (BAR VV 0709) | 9.0                            | 9.0             | 9.0                | 97.7               | 95.0            | 85.0               | 9.0                                   | 9.0             | 7.7                | 99.0               | 88.3            | 78.3               |
| RUBIX (4S2W)               | 9.0                            | 8.7             | 6.3                | 94.7               | 80.0            | 56.7               | 9.0                                   | 8.3             | 7.0                | 99.0               | 83.3            | 71.7               |
| ARROWHEAD                  | 9.0                            | 9.0             | 7.0                | 95.0               | 86.7            | 63.3               | 9.0                                   | 8.7             | 7.3                | 97.7               | 85.0            | 65.0               |
| ARAMINTHA (PP 10847)       | 9.0                            | 8.7             | 7.7                | 94.7               | 85.0            | 73.3               | 9.0                                   | 9.0             | 6.3                | 97.7               | 90.0            | 63.3               |
| SRX 2758                   | 9.0                            | 8.7             | 5.3                | 93.3               | 78.3            | 51.7               | 9.0                                   | 9.0             | 6.3                | 94.7               | 86.7            | 63.3               |
| H99-1653                   | 9.0                            | 8.3             | 5.3                | 91.7               | 78.3            | 48.3               | 8.7                                   | 8.7             | 6.3                | 95.0               | 85.0            | 58.3               |
| A06-46                     | 8.7                            | 8.3             | 6.7                | 93.0               | 78.3            | 55.0               | 9.0                                   | 8.3             | 6.3                | 93.3               | 86.7            | 56.7               |
| DAUNTLESS (A05-315)        | 8.7                            | 9.0             | 6.3                | 90.0               | 86.7            | 60.0               | 8.7                                   | 8.0             | 5.7                | 91.7               | 81.7            | 56.7               |
| PST-K9-99                  | 8.3                            | 9.0             | 7.7                | 86.7               | 86.7            | 63.3               | 8.7                                   | 8.0             | 5.3                | 91.7               | 85.0            | 56.7               |
| SRX 5321                   | 8.7                            | 9.0             | 6.0                | 91.7               | 81.7            | 51.7               | 9.0                                   | 8.7             | 6.3                | 93.0               | 85.0            | 56.7               |
| A01-1106                   | 9.0                            | 7.7             | 4.7                | 81.7               | 66.7            | 33.3               | 9.0                                   | 8.7             | 5.7                | 96.3               | 83.3            | 55.0               |
| JACKRABBIT (PST-K10-106D)  | 9.0                            | 8.7             | 6.7                | 86.7               | 75.0            | 51.7               | 9.0                                   | 8.3             | 6.0                | 90.0               | 78.3            | 55.0               |
| MIDNIGHT                   | 9.0                            | 7.7             | 5.0                | 86.7               | 66.7            | 41.7               | 9.0                                   | 8.3             | 5.7                | 95.0               | 85.0            | 55.0               |
| NU CHICAGO                 | 8.3                            | 7.7             | 5.3                | 85.0               | 66.7            | 56.7               | 8.7                                   | 7.7             | 6.3                | 94.7               | 81.7            | 55.0               |
| PST-K9-90                  | 8.7                            | 8.7             | 6.0                | 88.3               | 80.0            | 60.0               | 9.0                                   | 8.0             | 5.0                | 93.0               | 83.3            | 55.0               |
| SRX 4338                   | 9.0                            | 8.3             | 7.0                | 93.3               | 80.0            | 55.0               | 9.0                                   | 8.0             | 5.7                | 99.0               | 86.7            | 55.0               |
| A00-2882                   | 8.7                            | 7.3             | 5.0                | 90.0               | 70.0            | 48.3               | 9.0                                   | 8.3             | 5.0                | 90.0               | 81.7            | 53.3               |
| BLUEBANK (A03-1017)        | 9.0                            | 7.7             | 6.3                | 88.3               | 70.0            | 53.3               | 9.0                                   | 7.7             | 5.7                | 95.0               | 83.3            | 53.3               |
| ENDURANCE (PST-K4-7)       | 9.0                            | 8.0             | 5.3                | 90.0               | 61.7            | 50.0               | 9.0                                   | 7.7             | 5.7                | 95.0               | 78.3            | 53.3               |
| J-1770                     | 9.0                            | 7.7             | 5.0                | 88.3               | 70.0            | 48.3               | 9.0                                   | 7.7             | 5.7                | 93.3               | 73.3            | 53.3               |
| PICK TD8                   | 8.7                            | 7.7             | 5.3                | 88.3               | 71.7            | 55.0               | 8.7                                   | 8.3             | 4.7                | 91.7               | 81.7            | 53.3               |
| PST-T10-18                 | 9.0                            | 8.7             | 7.0                | 90.0               | 71.7            | 46.7               | 9.0                                   | 8.0             | 6.3                | 93.0               | 80.0            | 53.3               |
| RUSH                       | 9.0                            | 8.0             | 5.7                | 90.0               | 75.0            | 56.7               | 9.0                                   | 8.0             | 5.3                | 95.0               | 80.0            | 53.3               |
| A06-26                     | 9.0                            | 8.3             | 5.0                | 88.3               | 73.3            | 48.3               | 8.7                                   | 8.3             | 4.7                | 93.3               | 81.7            | 51.7               |
| BAR VV 118532              | 7.3                            | 7.3             | 5.3                | 73.3               | 66.7            | 51.7               | 9.0                                   | 7.7             | 5.0                | 91.7               | 73.3            | 51.7               |
| A00-4199                   | 9.0                            | 9.0             | 7.3                | 90.0               | 81.7            | 58.3               | 9.0                                   | 8.3             | 5.3                | 94.7               | 88.3            | 50.0               |
| A05-999                    | 9.0                            | 9.0             | 6.3                | 93.3               | 81.7            | 60.0               | 9.0                                   | 8.7             | 5.7                | 96.3               | 85.0            | 50.0               |
| J-1136                     | 8.7                            | 7.3             | 3.7                | 83.3               | 70.0            | 35.0               | 9.0                                   | 7.7             | 4.3                | 93.3               | 76.7            | 50.0               |
| J-1853                     | 7.7                            | 8.3             | 6.0                | 85.0               | 71.7            | 48.3               | 8.7                                   | 8.3             | 6.3                | 90.0               | 80.0            | 50.0               |
| AWARD                      | 8.7                            | 8.0             | 5.7                | 85.0               | 70.0            | 43.3               | 9.0                                   | 8.0             | 5.0                | 95.0               | 78.3            | 48.3               |
| BAR PP 110358              | 9.0                            | 9.0             | 6.0                | 96.3               | 86.7            | 61.7               | 9.0                                   | 8.0             | 3.7                | 99.0               | 88.3            | 48.3               |
| A05-361                    | 8.3                            | 7.3             | 4.7                | 83.3               | 70.0            | 46.7               | 8.3                                   | 7.7             | 4.0                | 86.7               | 76.7            | 46.7               |
| AMERICA                    | 8.3                            | 7.0             | 4.7                | 71.7               | 63.3            | 43.3               | 8.3                                   | 7.3             | 4.3                | 86.7               | 73.3            | 46.7               |
| BAR 12PP 612               | 7.7                            | 7.3             | 6.0                | 76.7               | 73.3            | 53.3               | 7.7                                   | 7.7             | 4.7                | 78.3               | 78.3            | 46.7               |
| BAR VV 112916              | 9.0                            | 8.7             | 6.7                | 91.7               | 80.0            | 61.7               | 9.0                                   | 8.0             | 4.3                | 97.7               | 83.3            | 46.7               |
| BARON                      | 9.0                            | 8.3             | 5.3                | 90.0               | 78.3            | 45.0               | 9.0                                   | 8.3             | 4.3                | 93.3               | 81.7            | 46.7               |
| BLUE NOTE                  | 9.0                            | 8.3             | 5.7                | 95.0               | 78.3            | 43.3               | 8.7                                   | 8.3             | 5.3                | 96.3               | 83.3            | 46.7               |
| BURL 06-11                 | 8.3                            | 7.3             | 5.7                | 81.7               | 66.7            | 40.0               | 8.7                                   | 7.7             | 4.7                | 90.0               | 78.3            | 46.7               |
| CABERNET                   | 8.7                            | 8.0             | 5.3                | 90.0               | 73.3            | 56.7               | 9.0                                   | 8.0             | 5.0                | 86.7               | 80.0            | 46.7               |
| PICK 4340                  | 9.0                            | 7.7             | 5.7                | 90.0               | 71.7            | 46.7               | 9.0                                   | 8.0             | 4.3                | 94.7               | 78.3            | 46.7               |
| PST-K9-97                  | 9.0                            | 7.7             | 5.3                | 91.7               | 70.0            | 50.0               | 8.7                                   | 7.3             | 5.3                | 96.3               | 75.0            | 46.7               |
| BAR 8PP 504                | 8.7                            | 8.3             | 5.3                | 89.7               | 78.3            | 56.7               | 8.7                                   | 8.0             | 4.0                | 91.3               | 85.0            | 45.0               |
| BLUE COAT (AKB 2282)       | 8.7                            | 8.3             | 4.0                | 88.3               | 76.7            | 40.0               | 9.0                                   | 8.3             | 3.7                | 90.0               | 83.3            | 45.0               |
| PST-K4-3                   | 8.7                            | 7.7             | 4.3                | 86.7               | 66.7            | 35.0               | 9.0                                   | 8.0             | 4.0                | 93.0               | 76.7            | 45.0               |
| SRX 466                    | 8.3                            | 8.3             | 3.7                | 76.7               | 75.0            | 38.3               | 9.0                                   | 8.0             | 3.7                | 93.3               | 86.7            | 45.0               |
| SUDDEN IMPACT              | 9.0                            | 8.0             | 5.0                | 90.0               | 70.0            | 40.0               | 9.0                                   | 8.0             | 5.0                | 93.3               | 76.7            | 45.0               |

TABLE 14. (CONT'D)

PERCENT TURFGRASS FULLNESS OF CANOPY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
GROWN UNDER TRAFFIC STRESS AT NORTH BRUNSWICK, NJ  
2015 DATA  
TURFGRASS COVER UNIFORMITY RATINGS 1-9; 9=MOST DENSE, UNIFORM TURF COVER 2/ \*/

| NAME                 | BEFORE TRAFFIC ON SEPTEMBER 30 |                 |                    |                    |                 |                    | AFTER TRAFFIC IN FALL ON NOVEMBER 4-6 |                 |                    |                    |                 |                    |
|----------------------|--------------------------------|-----------------|--------------------|--------------------|-----------------|--------------------|---------------------------------------|-----------------|--------------------|--------------------|-----------------|--------------------|
|                      | UNIFORMITY RATINGS             |                 |                    | FULLNESS OF CANOPY |                 |                    | UNIFORMITY RATINGS                    |                 |                    | FULLNESS OF CANOPY |                 |                    |
|                      | NO<br>TRAFFIC                  | CADY<br>TRAFFIC | RUTGERS<br>TRAFFIC | NO<br>TRAFFIC      | CADY<br>TRAFFIC | RUTGERS<br>TRAFFIC | NO<br>TRAFFIC                         | CADY<br>TRAFFIC | RUTGERS<br>TRAFFIC | NO<br>TRAFFIC      | CADY<br>TRAFFIC | RUTGERS<br>TRAFFIC |
| THERMAL BLUE         | 9.0                            | 7.7             | 6.0                | 88.3               | 73.3            | 53.3               | 9.0                                   | 7.7             | 4.7                | 91.7               | 75.0            | 45.0               |
| 3733                 | 9.0                            | 8.0             | 5.0                | 85.0               | 71.7            | 33.3               | 8.7                                   | 8.0             | 4.3                | 93.3               | 81.7            | 43.3               |
| BAR PP 119327        | 9.0                            | 8.7             | 5.3                | 90.0               | 80.0            | 50.0               | 9.0                                   | 8.0             | 4.3                | 95.0               | 81.7            | 43.3               |
| BARDUKE              | 9.0                            | 7.7             | 5.3                | 90.0               | 65.0            | 41.7               | 8.7                                   | 8.0             | 4.0                | 91.7               | 78.3            | 43.3               |
| EMPIRE               | 7.3                            | 6.7             | 4.3                | 70.0               | 56.7            | 33.3               | 9.0                                   | 8.3             | 4.0                | 90.0               | 78.3            | 43.3               |
| KEENELAND (A04-342)  | 8.3                            | 7.7             | 5.0                | 88.3               | 71.7            | 38.3               | 8.3                                   | 8.0             | 5.0                | 88.3               | 81.7            | 43.3               |
| AKB 2555             | 8.7                            | 6.0             | 4.3                | 90.0               | 58.3            | 41.7               | 8.7                                   | 7.3             | 3.7                | 93.0               | 76.7            | 41.7               |
| BURL 3-51            | 7.7                            | 6.3             | 3.7                | 73.3               | 56.7            | 26.7               | 9.0                                   | 7.7             | 4.0                | 91.7               | 76.7            | 41.7               |
| GEISHA (DPPP818)     | 8.0                            | 7.0             | 5.0                | 80.0               | 65.0            | 48.3               | 8.3                                   | 7.3             | 4.0                | 90.0               | 80.0            | 41.7               |
| SHAMROCK             | 9.0                            | 8.3             | 5.3                | 91.7               | 71.7            | 40.0               | 8.7                                   | 8.3             | 4.7                | 93.3               | 81.7            | 41.7               |
| A05-360              | 9.0                            | 7.7             | 5.3                | 90.0               | 73.3            | 45.0               | 9.0                                   | 8.3             | 3.7                | 95.0               | 85.0            | 40.0               |
| A98-363              | 8.3                            | 7.7             | 4.3                | 81.7               | 63.3            | 38.3               | 8.3                                   | 7.0             | 3.7                | 90.0               | 73.3            | 40.0               |
| BAR PP 119326        | 9.0                            | 7.3             | 5.7                | 91.7               | 70.0            | 46.7               | 8.3                                   | 7.0             | 4.3                | 91.7               | 73.3            | 40.0               |
| AVID                 | 8.7                            | 7.7             | 4.7                | 75.0               | 63.3            | 30.0               | 8.7                                   | 8.3             | 4.7                | 90.0               | 78.3            | 38.3               |
| BLACKJACK            | 8.3                            | 7.7             | 4.0                | 83.3               | 66.7            | 40.0               | 8.7                                   | 7.7             | 3.3                | 90.0               | 75.0            | 38.3               |
| LUNAR (PST-07-261)   | 8.7                            | 6.7             | 3.7                | 81.7               | 58.3            | 36.7               | 9.0                                   | 7.7             | 3.0                | 93.3               | 76.7            | 38.3               |
| MERLOT (LTP-08-6)    | 8.7                            | 8.0             | 5.0                | 85.0               | 73.3            | 38.3               | 8.7                                   | 8.3             | 3.7                | 91.7               | 80.0            | 38.3               |
| OASIS (A98-344)      | 8.3                            | 7.7             | 4.3                | 75.0               | 60.0            | 31.7               | 8.7                                   | 8.0             | 3.3                | 88.3               | 75.0            | 38.3               |
| A04-36               | 9.0                            | 9.0             | 5.0                | 94.7               | 86.7            | 50.0               | 9.0                                   | 8.3             | 3.7                | 91.7               | 81.7            | 36.7               |
| A04-38               | 8.3                            | 8.7             | 5.0                | 91.7               | 76.7            | 45.0               | 9.0                                   | 8.0             | 4.0                | 91.7               | 76.7            | 36.7               |
| A06-47               | 9.0                            | 8.7             | 4.7                | 86.7               | 65.0            | 40.0               | 9.0                                   | 8.0             | 3.7                | 91.7               | 80.0            | 36.7               |
| PICK 033             | 8.7                            | 7.7             | 5.0                | 90.0               | 66.7            | 45.0               | 8.7                                   | 8.0             | 4.3                | 93.3               | 76.7            | 36.7               |
| A05-TB-382           | 8.0                            | 7.7             | 4.7                | 75.0               | 70.0            | 41.7               | 8.7                                   | 8.0             | 3.7                | 85.0               | 76.7            | 35.0               |
| KENBLUE              | 7.7                            | 7.7             | 4.7                | 86.7               | 73.3            | 50.0               | 8.7                                   | 7.7             | 3.7                | 86.7               | 73.3            | 35.0               |
| LEGEND (A10-1)       | 7.7                            | 6.7             | 4.7                | 76.7               | 63.3            | 40.0               | 8.7                                   | 7.7             | 4.3                | 88.3               | 78.3            | 35.0               |
| RAD-1492             | 8.3                            | 7.3             | 4.7                | 80.0               | 70.0            | 33.3               | 8.7                                   | 8.0             | 3.7                | 90.0               | 75.0            | 35.0               |
| RAD-849              | 7.3                            | 7.0             | 3.7                | 80.0               | 61.7            | 33.3               | 7.7                                   | 6.7             | 3.3                | 81.7               | 71.7            | 35.0               |
| ZEDOR (PPH 9131)     | 8.7                            | 7.3             | 5.3                | 81.7               | 68.3            | 45.0               | 9.0                                   | 7.0             | 3.7                | 90.0               | 68.3            | 35.0               |
| ZINGER (A05-306)     | 8.7                            | 8.3             | 5.0                | 90.0               | 78.3            | 38.3               | 8.7                                   | 7.3             | 3.7                | 90.0               | 78.3            | 35.0               |
| SKYE                 | 8.7                            | 9.0             | 3.7                | 86.7               | 81.7            | 41.7               | 8.7                                   | 8.0             | 4.0                | 91.7               | 83.3            | 33.3               |
| MAZAMA (A04-74)      | 8.7                            | 8.3             | 4.7                | 83.3               | 68.3            | 38.3               | 9.0                                   | 8.3             | 3.3                | 94.7               | 83.3            | 31.7               |
| PICK MP07            | 9.0                            | 7.3             | 3.7                | 91.7               | 73.3            | 40.0               | 8.7                                   | 7.7             | 2.7                | 93.3               | 75.0            | 31.7               |
| RAD-507              | 8.3                            | 7.7             | 4.3                | 81.7               | 65.0            | 33.3               | 8.3                                   | 8.0             | 4.0                | 91.7               | 78.3            | 31.7               |
| A05-329              | 7.3                            | 7.3             | 2.0                | 71.7               | 55.0            | 25.0               | 7.7                                   | 7.7             | 2.0                | 85.0               | 75.0            | 30.0               |
| PICK TD9             | 8.3                            | 6.0             | 2.3                | 86.7               | 55.0            | 28.3               | 8.3                                   | 6.0             | 2.0                | 83.3               | 65.0            | 21.7               |
| WATERWORKS (A05-204) | 7.0                            | 7.0             | 4.0                | 71.7               | 65.0            | 35.0               | 7.7                                   | 7.3             | 2.0                | 78.3               | 75.0            | 20.0               |
| LSD VALUE            | 2.9                            | 2.1             | 2.4                | 14.8               | 14.9            | 21.2               | 2.2                                   | 1.5             | 2.2                | 14.1               | 18.8            | 22.3               |
| C.V. (%)             | 9.5                            | 11.8            | 24.3               | 8.8                | 11.7            | 24.9               | 6.4                                   | 8.3             | 26.8               | 6.2                | 8.7             | 25.4               |

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 15.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/  
2015 DATA

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

| NAME                       | JAN | FEB | MAR | APR | QUALITY RATINGS |     |     |     | QUALITY RATINGS             |                                    |                   |                                       |                   |                    |
|----------------------------|-----|-----|-----|-----|-----------------|-----|-----|-----|-----------------------------|------------------------------------|-------------------|---------------------------------------|-------------------|--------------------|
|                            |     |     |     |     | MAY             | JUN | JUL | AUG | BEFORE<br>TRAFFIC<br>SEP 18 | AFTER TRAFFIC<br>OCT 12<br>10 GAME | OCT 26<br>20 GAME | RECOVERY QUALITY<br>NOV 10<br>2-WEEKS | NOV 26<br>1-MONTH | DEC 9<br>1.5-MONTH |
| BARVETTE HGT (BAR VV 0709) | 7.7 | 8.0 | 8.3 | 8.3 | 8.0             | 8.0 | 8.0 | 8.7 | 9.0                         | 9.0                                | 8.7               | 8.7                                   | 8.7               | 6.0                |
| BAR VV 118532              | 6.7 | 6.7 | 7.3 | 7.7 | 8.0             | 8.0 | 8.0 | 6.3 | 8.3                         | 8.0                                | 6.7               | 7.7                                   | 7.7               | 5.7                |
| BLUEBANK (A03-1017)        | 8.0 | 8.3 | 8.0 | 8.0 | 8.3             | 9.0 | 9.0 | 9.0 | 9.0                         | 7.7                                | 6.0               | 7.0                                   | 7.3               | 5.7                |
| A04-36                     | 7.0 | 7.3 | 7.7 | 7.7 | 8.3             | 8.0 | 8.0 | 7.7 | 8.0                         | 7.3                                | 6.0               | 6.3                                   | 6.3               | 5.3                |
| AKB 2555                   | 7.0 | 7.7 | 8.0 | 7.7 | 8.3             | 8.0 | 8.3 | 7.3 | 8.7                         | 7.0                                | 5.3               | 6.7                                   | 7.0               | 5.3                |
| AVID                       | 7.0 | 7.3 | 8.0 | 8.3 | 8.3             | 8.7 | 8.3 | 8.0 | 9.0                         | 8.0                                | 6.7               | 7.3                                   | 7.0               | 5.3                |
| BAR VV 112916              | 7.0 | 7.0 | 7.7 | 7.3 | 7.3             | 8.0 | 8.0 | 7.7 | 8.7                         | 7.7                                | 5.3               | 6.3                                   | 6.3               | 5.3                |
| BLACKJACK                  | 6.7 | 7.0 | 7.3 | 7.3 | 7.7             | 8.0 | 8.0 | 8.0 | 8.0                         | 7.3                                | 6.3               | 6.7                                   | 6.7               | 5.3                |
| EMPIRE                     | 7.0 | 7.0 | 7.7 | 7.7 | 8.0             | 8.7 | 8.0 | 8.0 | 8.3                         | 7.0                                | 5.3               | 6.0                                   | 6.7               | 5.3                |
| J-1770                     | 8.3 | 8.7 | 8.3 | 8.7 | 8.7             | 8.7 | 8.3 | 7.3 | 8.3                         | 7.0                                | 6.0               | 7.0                                   | 7.7               | 5.3                |
| JACKRABBIT (PST-K10-106D)  | 6.7 | 7.0 | 7.7 | 8.0 | 8.3             | 8.7 | 8.0 | 7.7 | 8.7                         | 7.7                                | 6.0               | 6.3                                   | 6.7               | 5.3                |
| 3733                       | 6.7 | 6.7 | 7.7 | 7.7 | 7.7             | 8.7 | 8.3 | 8.0 | 8.7                         | 6.7                                | 5.0               | 5.7                                   | 5.7               | 5.0                |
| A00-2882                   | 6.3 | 6.7 | 7.3 | 7.3 | 7.3             | 8.0 | 7.7 | 7.0 | 8.7                         | 7.3                                | 6.0               | 6.3                                   | 6.7               | 5.0                |
| A00-4199                   | 6.0 | 6.0 | 7.0 | 7.3 | 7.3             | 7.3 | 7.0 | 6.7 | 7.3                         | 6.3                                | 5.0               | 5.0                                   | 5.3               | 5.0                |
| A01-1106                   | 7.3 | 7.7 | 8.0 | 8.0 | 9.0             | 9.0 | 8.3 | 6.7 | 8.0                         | 7.3                                | 5.7               | 6.7                                   | 6.7               | 5.0                |
| A04-38                     | 7.0 | 7.0 | 7.7 | 7.3 | 7.7             | 8.0 | 8.0 | 7.0 | 8.3                         | 6.7                                | 5.0               | 5.7                                   | 5.7               | 5.0                |
| A05-329                    | 6.3 | 6.7 | 7.7 | 7.3 | 8.0             | 8.7 | 8.0 | 6.3 | 8.0                         | 7.0                                | 5.0               | 5.3                                   | 5.7               | 5.0                |
| A05-361                    | 6.7 | 6.7 | 7.7 | 8.0 | 8.3             | 8.0 | 8.3 | 6.7 | 8.3                         | 6.7                                | 5.3               | 6.3                                   | 6.7               | 5.0                |
| A05-999                    | 6.3 | 6.7 | 7.3 | 7.3 | 8.0             | 8.7 | 8.0 | 6.7 | 8.3                         | 7.3                                | 5.0               | 5.7                                   | 5.7               | 5.0                |
| A05-TB-382                 | 7.0 | 7.3 | 8.3 | 8.0 | 8.0             | 8.0 | 8.0 | 8.7 | 9.0                         | 8.0                                | 6.0               | 6.7                                   | 6.7               | 5.0                |
| A06-26                     | 6.3 | 6.3 | 7.7 | 7.3 | 8.0             | 9.0 | 8.0 | 7.3 | 8.0                         | 6.3                                | 4.7               | 5.3                                   | 5.3               | 5.0                |
| A06-46                     | 6.7 | 7.3 | 7.7 | 7.7 | 8.0             | 9.0 | 9.0 | 6.7 | 9.0                         | 6.3                                | 5.0               | 5.7                                   | 5.7               | 5.0                |
| A06-47                     | 6.7 | 7.0 | 7.3 | 7.3 | 8.0             | 8.7 | 8.7 | 7.7 | 8.3                         | 5.7                                | 4.0               | 4.7                                   | 4.7               | 5.0                |
| A98-363                    | 7.0 | 6.7 | 8.0 | 8.3 | 8.0             | 8.0 | 8.0 | 7.7 | 8.3                         | 7.0                                | 5.3               | 5.7                                   | 6.3               | 5.0                |
| AMERICA                    | 6.7 | 6.7 | 7.7 | 8.3 | 8.0             | 8.0 | 8.0 | 7.0 | 8.0                         | 7.7                                | 5.3               | 7.0                                   | 7.0               | 5.0                |
| ARROWHEAD                  | 7.0 | 7.0 | 8.0 | 7.7 | 8.0             | 8.3 | 8.3 | 8.3 | 9.0                         | 7.7                                | 6.0               | 6.7                                   | 7.0               | 5.0                |
| AWARD                      | 7.7 | 7.7 | 8.0 | 8.0 | 8.3             | 9.0 | 8.7 | 8.0 | 8.7                         | 7.0                                | 5.3               | 6.3                                   | 6.7               | 5.0                |
| BAR 12PP 612               | 7.0 | 7.0 | 7.7 | 7.7 | 8.0             | 8.3 | 7.7 | 7.0 | 8.0                         | 6.7                                | 5.3               | 5.7                                   | 6.0               | 5.0                |
| BAR 8PP 504                | 6.3 | 6.3 | 7.3 | 8.0 | 8.0             | 8.0 | 7.7 | 7.0 | 8.0                         | 6.7                                | 5.0               | 6.0                                   | 5.7               | 5.0                |
| BAR PP 110358              | 8.3 | 8.3 | 8.3 | 8.3 | 7.7             | 8.0 | 8.0 | 8.7 | 9.0                         | 7.7                                | 5.7               | 6.7                                   | 7.0               | 5.0                |
| BAR PP 119326              | 6.7 | 6.7 | 7.7 | 7.7 | 7.3             | 8.0 | 7.3 | 6.7 | 8.0                         | 6.7                                | 5.0               | 6.0                                   | 6.3               | 5.0                |
| BAR PP 119327              | 6.7 | 6.7 | 7.7 | 7.7 | 7.7             | 8.0 | 8.0 | 6.0 | 8.7                         | 8.0                                | 6.7               | 7.3                                   | 7.0               | 5.0                |
| BARDUKE                    | 7.0 | 7.3 | 8.0 | 7.7 | 7.7             | 8.0 | 8.0 | 6.7 | 8.3                         | 7.3                                | 6.0               | 6.7                                   | 7.0               | 5.0                |
| BARON                      | 6.7 | 6.7 | 7.7 | 7.0 | 8.0             | 8.0 | 8.0 | 6.3 | 8.7                         | 6.7                                | 5.3               | 6.3                                   | 6.0               | 5.0                |
| BLUE COAT (AKB 2282)       | 7.0 | 7.0 | 7.3 | 7.7 | 8.0             | 8.7 | 8.3 | 7.3 | 8.0                         | 6.0                                | 4.7               | 5.3                                   | 5.3               | 5.0                |
| BLUE NOTE                  | 7.3 | 7.7 | 8.3 | 8.3 | 8.7             | 8.7 | 9.0 | 8.0 | 8.3                         | 7.3                                | 6.7               | 7.0                                   | 7.0               | 5.0                |
| BURL 06-11                 | 7.0 | 7.3 | 7.7 | 7.7 | 8.3             | 8.0 | 8.0 | 8.3 | 8.0                         | 6.3                                | 4.0               | 5.7                                   | 6.0               | 5.0                |
| BURL 3-51                  | 7.7 | 8.0 | 8.3 | 8.7 | 8.7             | 8.7 | 9.0 | 8.0 | 9.0                         | 7.3                                | 6.0               | 6.3                                   | 6.3               | 5.0                |
| CABERNET                   | 7.3 | 7.7 | 7.7 | 8.7 | 8.3             | 8.0 | 8.0 | 8.0 | 8.0                         | 6.7                                | 5.3               | 6.7                                   | 7.3               | 5.0                |
| DAUNTLESS (A05-315)        | 7.0 | 7.0 | 8.0 | 7.7 | 8.0             | 8.0 | 8.0 | 8.0 | 8.7                         | 6.7                                | 5.3               | 6.0                                   | 6.0               | 5.0                |
| GEISHA (DPPP818)           | 7.0 | 6.7 | 8.0 | 7.7 | 8.0             | 8.0 | 7.7 | 6.3 | 8.3                         | 7.0                                | 5.3               | 6.0                                   | 6.7               | 5.0                |
| H99-1653                   | 6.7 | 6.7 | 7.7 | 7.3 | 7.7             | 8.3 | 8.3 | 8.3 | 7.7                         | 6.3                                | 5.0               | 5.7                                   | 5.7               | 5.0                |
| J-1136                     | 7.3 | 8.0 | 8.0 | 8.3 | 8.3             | 9.0 | 8.7 | 7.7 | 8.7                         | 6.7                                | 5.7               | 6.3                                   | 6.3               | 5.0                |
| J-1853                     | 8.0 | 8.3 | 8.0 | 8.7 | 8.7             | 9.0 | 8.7 | 6.7 | 8.7                         | 7.0                                | 6.3               | 6.7                                   | 6.7               | 5.0                |
| LEGEND (A10-1)             | 6.7 | 6.7 | 7.3 | 7.3 | 8.0             | 9.0 | 8.7 | 7.3 | 8.3                         | 7.0                                | 5.3               | 6.0                                   | 6.7               | 5.0                |

TABLE 15. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/  
2015 DATA

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

| NAME                 | JAN | FEB | MAR | QUALITY RATINGS |     | JUN | JUL | AUG | QUALITY RATINGS          |                                    |                   | RECOVERY QUALITY  |                   |                    |
|----------------------|-----|-----|-----|-----------------|-----|-----|-----|-----|--------------------------|------------------------------------|-------------------|-------------------|-------------------|--------------------|
|                      |     |     |     | APR             | MAY |     |     |     | BEFORE TRAFFIC<br>SEP 18 | AFTER TRAFFIC<br>OCT 12<br>10 GAME | OCT 26<br>20 GAME | NOV 10<br>2-WEEKS | NOV 26<br>1-MONTH | DEC 9<br>1.5-MONTH |
| LUNAR (PST-07-261)   | 6.7 | 7.3 | 7.3 | 8.0             | 8.7 | 9.0 | 8.7 | 8.0 | 8.0                      | 6.3                                | 4.7               | 6.0               | 5.7               | 5.0                |
| MAZAMA (A04-74)      | 7.7 | 7.3 | 8.0 | 8.0             | 8.7 | 9.0 | 8.3 | 7.3 | 8.7                      | 6.7                                | 5.3               | 5.7               | 6.3               | 5.0                |
| MERLOT (LTP-08-6)    | 7.0 | 7.0 | 8.0 | 7.7             | 8.0 | 9.0 | 8.7 | 7.7 | 8.3                      | 6.7                                | 5.0               | 5.7               | 6.0               | 5.0                |
| MIDNIGHT             | 8.0 | 8.3 | 8.7 | 8.3             | 9.0 | 9.0 | 9.0 | 7.7 | 9.0                      | 6.7                                | 5.3               | 6.0               | 6.3               | 5.0                |
| NU CHICAGO           | 8.0 | 8.0 | 8.0 | 8.7             | 9.0 | 9.0 | 8.0 | 7.3 | 8.3                      | 7.3                                | 6.0               | 7.0               | 7.3               | 5.0                |
| OASIS (A98-344)      | 6.7 | 7.0 | 7.3 | 8.3             | 8.3 | 8.3 | 8.0 | 6.3 | 8.3                      | 6.3                                | 5.0               | 5.3               | 5.3               | 5.0                |
| PICK 033             | 7.3 | 7.7 | 8.0 | 8.0             | 8.7 | 9.0 | 8.7 | 8.0 | 9.0                      | 6.7                                | 5.3               | 5.7               | 6.3               | 5.0                |
| PICK 4340            | 7.7 | 7.7 | 7.7 | 8.3             | 8.7 | 8.7 | 8.7 | 6.7 | 7.3                      | 6.0                                | 4.7               | 5.3               | 5.7               | 5.0                |
| PICK TD8             | 6.7 | 7.0 | 7.7 | 7.7             | 8.3 | 8.0 | 8.0 | 8.0 | 8.7                      | 7.7                                | 6.0               | 6.0               | 6.0               | 5.0                |
| PICK TD9             | 6.0 | 6.7 | 7.7 | 7.3             | 8.3 | 8.0 | 8.0 | 7.0 | 8.3                      | 7.0                                | 5.0               | 5.7               | 6.0               | 5.0                |
| PST-K4-3             | 6.3 | 6.3 | 7.0 | 7.0             | 7.7 | 9.0 | 8.3 | 7.3 | 8.7                      | 6.3                                | 4.3               | 4.7               | 5.3               | 5.0                |
| PST-K9-90            | 6.3 | 6.3 | 7.0 | 6.7             | 7.7 | 8.3 | 8.0 | 7.7 | 9.0                      | 7.0                                | 5.0               | 5.7               | 5.7               | 5.0                |
| PST-K9-97            | 6.0 | 6.0 | 7.3 | 7.0             | 7.7 | 8.0 | 8.0 | 8.7 | 9.0                      | 7.3                                | 6.3               | 6.7               | 6.3               | 5.0                |
| PST-K9-99            | 6.3 | 6.3 | 7.0 | 6.7             | 7.7 | 8.0 | 8.0 | 6.7 | 8.0                      | 6.7                                | 5.7               | 6.3               | 6.3               | 5.0                |
| PST-T10-18           | 7.0 | 6.3 | 7.7 | 7.7             | 8.3 | 8.0 | 8.3 | 7.3 | 7.7                      | 6.3                                | 5.0               | 5.7               | 6.0               | 5.0                |
| RAD-507              | 6.3 | 6.0 | 7.7 | 8.0             | 8.3 | 8.7 | 8.0 | 7.0 | 8.3                      | 7.0                                | 5.7               | 6.3               | 6.7               | 5.0                |
| RAD-849              | 6.3 | 6.3 | 7.0 | 7.0             | 7.7 | 8.0 | 8.0 | 8.3 | 9.0                      | 7.0                                | 5.3               | 6.0               | 5.7               | 5.0                |
| RUBIX (4S2W)         | 7.3 | 7.3 | 8.3 | 7.3             | 8.0 | 9.0 | 8.7 | 7.0 | 7.3                      | 6.7                                | 5.7               | 6.0               | 6.0               | 5.0                |
| RUSH                 | 7.3 | 7.7 | 8.0 | 8.3             | 8.3 | 8.3 | 8.3 | 6.7 | 8.3                      | 6.3                                | 5.3               | 5.7               | 6.0               | 5.0                |
| SHAMROCK             | 6.7 | 7.3 | 7.7 | 7.7             | 8.0 | 8.0 | 8.0 | 8.0 | 8.7                      | 7.0                                | 6.0               | 6.3               | 6.7               | 5.0                |
| SKYE                 | 7.0 | 7.3 | 8.3 | 8.3             | 8.3 | 8.7 | 8.0 | 8.7 | 8.7                      | 7.7                                | 5.3               | 6.3               | 6.7               | 5.0                |
| SRX 2758             | 7.7 | 7.7 | 8.3 | 8.3             | 8.3 | 8.3 | 7.7 | 7.0 | 8.7                      | 7.3                                | 5.7               | 7.3               | 7.3               | 5.0                |
| SRX 4338             | 6.7 | 6.7 | 8.0 | 8.3             | 8.7 | 9.0 | 9.0 | 7.0 | 8.0                      | 6.3                                | 4.7               | 5.0               | 5.0               | 5.0                |
| SRX 466              | 7.3 | 7.3 | 8.7 | 8.7             | 8.7 | 8.3 | 8.0 | 6.7 | 9.0                      | 7.7                                | 6.0               | 6.7               | 7.0               | 5.0                |
| SRX 5321             | 7.3 | 7.3 | 7.7 | 8.3             | 8.3 | 8.0 | 8.0 | 7.7 | 7.3                      | 6.7                                | 5.0               | 6.0               | 6.3               | 5.0                |
| SUDDEN IMPACT        | 7.7 | 8.0 | 8.0 | 8.3             | 8.3 | 9.0 | 8.3 | 6.7 | 8.7                      | 6.7                                | 5.3               | 5.7               | 6.3               | 5.0                |
| THERMAL BLUE         | 6.3 | 7.0 | 7.7 | 7.7             | 7.7 | 8.0 | 7.0 | 6.0 | 7.7                      | 6.3                                | 4.7               | 5.3               | 5.7               | 5.0                |
| WATERWORKS (A05-204) | 7.0 | 7.0 | 8.0 | 8.0             | 7.7 | 8.7 | 8.0 | 7.7 | 8.7                      | 6.7                                | 5.7               | 6.0               | 6.7               | 5.0                |
| ZINGER (A05-306)     | 6.3 | 6.0 | 7.0 | 7.0             | 7.0 | 8.3 | 8.0 | 7.7 | 8.0                      | 6.7                                | 5.3               | 5.7               | 5.3               | 5.0                |
| A05-360              | 6.3 | 6.7 | 8.0 | 7.7             | 8.7 | 8.0 | 8.0 | 6.0 | 8.0                      | 5.7                                | 4.0               | 4.7               | 5.0               | 4.7                |
| ARAMINTHA (PP 10847) | 7.0 | 7.0 | 8.3 | 8.3             | 8.0 | 8.0 | 7.3 | 6.0 | 8.3                      | 6.7                                | 4.7               | 5.3               | 5.7               | 4.7                |
| KEENELAND (A04-342)  | 7.0 | 7.0 | 8.0 | 8.3             | 8.7 | 9.0 | 8.7 | 8.0 | 8.0                      | 6.3                                | 4.7               | 6.0               | 5.7               | 4.7                |
| KENBLUE              | 6.3 | 6.3 | 7.7 | 7.3             | 8.0 | 8.0 | 7.7 | 8.3 | 8.7                      | 6.0                                | 4.3               | 5.0               | 4.7               | 4.7                |
| PICK MP07            | 6.3 | 6.7 | 7.3 | 7.3             | 7.7 | 8.0 | 8.0 | 6.7 | 8.7                      | 5.7                                | 4.7               | 5.0               | 5.0               | 4.7                |
| RAD-1492             | 6.7 | 6.7 | 7.7 | 7.7             | 8.3 | 8.3 | 8.3 | 7.3 | 9.0                      | 6.7                                | 5.0               | 6.3               | 6.3               | 4.7                |
| ENDURANCE (PST-K4-7) | 6.3 | 6.3 | 7.3 | 7.3             | 8.0 | 8.7 | 8.3 | 7.7 | 8.3                      | 6.7                                | 5.0               | 5.3               | 5.0               | 4.3                |
| ZEDOR (PPH 9131)     | 6.3 | 6.7 | 7.7 | 7.7             | 8.0 | 8.0 | 8.0 | 8.0 | 7.7                      | 6.0                                | 4.3               | 4.0               | 4.0               | 4.3                |
| LSD VALUE            | .   | .   | .   | .               | .   | .   | .   | .   | 1.1                      | 1.4                                | 1.7               | 1.8               | 2.5               | 0.7                |
| C.V. (%)             | .   | .   | .   | .               | .   | .   | .   | .   | 6.5                      | 10.5                               | 15.9              | 14.9              | 16.9              | 6.0                |

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. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/  
2015 DATA

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

| NAME                       | GENETIC<br>COLOR | SUMMER<br>PATCH | SEEDHEAD<br>RATINGS | PERCENT LIVING GROUND COVER RATINGS |      |        |                      | PERCENT LIVING GROUND COVER RATINGS<br>AFTER TRAFFIC |                   | RECOVERY FROM TRAFFIC |                   |
|----------------------------|------------------|-----------------|---------------------|-------------------------------------|------|--------|----------------------|--|-------------------|-----------------------|-------------------|
|                            |                  |                 |                     | MARCH                               | MAY  | AUGUST | PRETRAFFIC<br>SEP 18 | OCT 12<br>10 GAME                                    | OCT 26<br>20 GAME | NOV 10<br>2-WEEKS     | NOV 23<br>1-MONTH |
| BARVETTE HGT (BAR VV 0709) | 4.3              | 9.0             | 9.0                 | 90.7                                | 98.0 | 96.3   | 95.7                 | 87.0   | 74.7              | 90.7                  | 96.0              |
| BAR VV 118532              | 4.3              | 8.0             | 7.3                 | 87.3                                | 98.0 | 86.7   | 92.0                 | 51.3   | 52.0              | 84.7                  | 90.3              |
| BLUEBANK (A03-1017)        | 8.0              | 9.0             | 8.7                 | 85.7                                | 98.0 | 97.0   | 96.0                 | 60.7   | 41.3              | 77.7                  | 84.0              |
| A04-36                     | 5.3              | 8.7             | 8.3                 | 76.3                                | 97.0 | 93.3   | 96.0                 | 27.3   | 43.3              | 66.7                  | 72.7              |
| AKB 2555                   | 6.0              | 8.3             | 8.0                 | 83.7                                | 97.0 | 91.3   | 94.7                 | 55.3   | 32.0              | 72.0                  | 77.3              |
| AVID                       | 8.0              | 8.7             | 8.7                 | 84.7                                | 98.3 | 93.7   | 97.3                 | 67.3   | 45.3              | 75.7                  | 81.0              |
| BAR VV 112916              | 4.7              | 8.7             | 8.0                 | 82.3                                | 96.7 | 93.3   | 96.0                 | 56.0   | 31.3              | 68.3                  | 77.3              |
| BLACKJACK                  | 6.0              | 9.0             | 8.3                 | 76.3                                | 95.3 | 95.0   | 93.3                 | 50.3   | 43.0              | 72.3                  | 78.3              |
| EMPIRE                     | 7.3              | 9.0             | 9.0                 | 83.3                                | 97.0 | 95.0   | 92.7                 | 72.3   | 27.7              | 67.0                  | 76.0              |
| J-1770                     | 8.0              | 8.7             | 8.3                 | 85.7                                | 98.0 | 91.7   | 92.7                 | 60.0   | 37.0              | 72.0                  | 80.7              |
| JACKRABBIT (PST-K10-106D)  | 7.3              | 8.7             | 8.0                 | 78.7                                | 96.0 | 92.3   | 91.7                 | 39.7   | 36.0              | 61.3                  | 74.0              |
| 3733                       | 7.0              | 8.7             | 7.7                 | 76.0                                | 95.0 | 95.0   | 96.3                 | 45.3   | 26.7              | 59.3                  | 67.3              |
| A00-2882                   | 6.7              | 7.7             | 8.0                 | 62.7                                | 82.3 | 87.7   | 95.3                 | 63.0   | 34.7              | 67.7                  | 77.3              |
| A00-4199                   | 5.3              | 8.0             | 8.0                 | 59.0                                | 74.3 | 88.3   | 84.3                 | 35.0   | 21.0              | 44.0                  | 55.0              |
| A01-1106                   | 8.0              | 8.0             | 8.0                 | 83.7                                | 98.3 | 87.7   | 94.7                 | 36.3   | 34.0              | 73.0                  | 80.0              |
| A04-38                     | 5.7              | 8.0             | 7.7                 | 71.3                                | 93.7 | 88.3   | 93.3                 | 12.0   | 24.3              | 53.7                  | 62.0              |
| A05-329                    | 7.0              | 7.7             | 7.0                 | 80.3                                | 97.0 | 85.0   | 95.7                 | 38.3   | 21.0              | 50.0                  | 56.7              |
| A05-361                    | 6.7              | 8.3             | 7.7                 | 83.3                                | 97.0 | 90.0   | 96.0                 | 56.0   | 29.7              | 66.3                  | 78.0              |
| A05-999                    | 6.7              | 8.0             | 7.7                 | 76.0                                | 96.0 | 88.3   | 94.0                 | 65.7   | 26.3              | 58.0                  | 67.7              |
| A05-TB-382                 | 6.0              | 9.0             | 7.7                 | 79.3                                | 96.7 | 97.0   | 96.0                 | 50.0   | 38.0              | 68.7                  | 74.7              |
| A06-26                     | 7.7              | 8.3             | 8.0                 | 72.7                                | 95.3 | 90.7   | 94.0                 | 65.0   | 19.3              | 51.0                  | 55.0              |
| A06-46                     | 8.0              | 7.7             | 8.0                 | 83.3                                | 96.7 | 84.0   | 96.0                 | 61.7   | 23.3              | 59.0                  | 66.3              |
| A06-47                     | 6.3              | 8.7             | 8.0                 | 83.0                                | 97.3 | 92.3   | 91.7                 | 31.0   | 12.3              | 44.7                  | 51.0              |
| A98-363                    | 6.0              | 9.0             | 8.7                 | 85.0                                | 98.0 | 92.3   | 94.7                 | 35.0   | 23.0              | 61.7                  | 72.0              |
| AMERICA                    | 5.7              | 8.3             | 7.0                 | 80.3                                | 97.3 | 89.0   | 95.3                 | 59.3   | 31.0              | 74.0                  | 84.3              |
| ARROWHEAD                  | 6.0              | 9.0             | 7.7                 | 83.0                                | 97.3 | 95.7   | 95.0                 | 73.7   | 41.3              | 72.0                  | 82.3              |
| AWARD                      | 8.3              | 8.7             | 8.3                 | 84.3                                | 98.0 | 94.0   | 93.0                 | 49.0   | 29.0              | 68.7                  | 74.7              |
| BAR 12PP 612               | 5.7              | 8.0             | 7.7                 | 80.3                                | 94.0 | 88.3   | 88.7                 | 42.0   | 22.0              | 54.0                  | 64.3              |
| BAR 8PP 504                | 5.0              | 8.0             | 8.0                 | 72.3                                | 97.3 | 88.3   | 91.7                 | 68.7   | 24.7              | 57.3                  | 62.7              |
| BAR PP 110358              | 6.3              | 9.0             | 8.3                 | 90.3                                | 97.7 | 96.3   | 96.0                 | 52.0   | 28.3              | 75.3                  | 86.7              |
| BAR PP 119326              | 5.7              | 8.0             | 8.0                 | 73.0                                | 94.3 | 89.0   | 90.0                 | 52.0   | 24.0              | 62.0                  | 70.3              |
| BAR PP 119327              | 6.7              | 8.0             | 7.0                 | 80.0                                | 96.7 | 85.0   | 93.7                 | 64.3   | 49.0              | 80.0                  | 87.0              |
| BARDUKE                    | 6.0              | 7.7             | 7.3                 | 85.0                                | 97.0 | 87.3   | 93.0                 | 37.0   | 39.7              | 70.0                  | 79.3              |
| BARON                      | 6.7              | 7.3             | 7.0                 | 77.0                                | 95.7 | 83.3   | 93.7                 | 72.7   | 31.3              | 64.7                  | 66.7              |
| BLUE COAT (AKB 2282)       | 7.0              | 8.3             | 7.7                 | 78.0                                | 96.0 | 91.7   | 81.0                 | 35.0   | 20.7              | 46.7                  | 50.7              |
| BLUE NOTE                  | 6.3              | 8.7             | 7.0                 | 88.3                                | 98.3 | 94.0   | 95.7                 | 51.0   | 48.0              | 75.3                  | 80.7              |
| BURL 06-11                 | 5.7              | 8.7             | 7.3                 | 82.3                                | 98.7 | 94.7   | 93.0                 | 24.3   | 17.0              | 58.7                  | 67.0              |
| BURL 3-51                  | 8.3              | 9.0             | 8.7                 | 86.3                                | 99.0 | 95.0   | 96.7                 | 52.7   | 31.0              | 66.3                  | 73.0              |
| CABERNET                   | 6.3              | 8.7             | 8.3                 | 81.7                                | 98.3 | 94.0   | 92.0                 | 35.7   | 27.7              | 67.7                  | 74.3              |
| DAUNTLESS (A05-315)        | 5.7              | 8.7             | 7.7                 | 78.0                                | 96.7 | 94.7   | 94.7                 | 29.3   | 30.0              | 61.7                  | 72.0              |
| GEISHA (DPPP818)           | 6.0              | 7.7             | 7.7                 | 85.7                                | 97.3 | 85.0   | 95.7                 | 23.3   | 37.0              | 64.3                  | 75.0              |
| H99-1653                   | 6.3              | 8.7             | 8.7                 | 82.7                                | 99.0 | 95.3   | 92.0                 | 25.3   | 25.7              | 55.0                  | 63.7              |
| J-1136                     | 8.3              | 8.7             | 9.0                 | 80.0                                | 97.0 | 92.3   | 93.0                 | 36.0   | 29.0              | 61.0                  | 69.3              |
| J-1853                     | 8.7              | 8.3             | 8.7                 | 84.3                                | 98.3 | 90.0   | 93.7                 | 56.7   | 40.3              | 69.0                  | 72.7              |
| LEGEND (A10-1)             | 8.0              | 8.7             | 8.7                 | 76.7                                | 97.0 | 91.7   | 94.7                 | 62.3   | 28.3              | 64.7                  | 74.0              |



TABLE 15. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/  
2015 DATA

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

| NAME                 | GENETIC<br>COLOR | SUMMER<br>PATCH | SEEDHEAD<br>RATINGS | PERCENT LIVING GROUND COVER RATINGS |      |        |                      | PERCENT LIVING GROUND COVER RATINGS<br>AFTER TRAFFIC |                   |  |                   |
|----------------------|------------------|-----------------|---------------------|-------------------------------------|------|--------|----------------------|--|-------------------|--|-------------------|
|                      |                  |                 |                     | MARCH                               | MAY  | AUGUST | PRETRAFFIC<br>SEP 18 | OCT 12<br>10 GAME                                    | OCT 26<br>20 GAME | RECOVERY FROM TRAFFIC<br>NOV 10<br>2-WEEKS | NOV 23<br>1-MONTH |
| LUNAR (PST-07-261)   | 8.3              | 8.3             | 7.7                 | 77.7                                | 97.3 | 90.7   | 87.7                 | 39.0   | 23.7              | 55.7                                       | 63.0              |
| MAZAMA (A04-74)      | 8.0              | 8.7             | 9.0                 | 83.7                                | 97.7 | 92.0   | 92.7                 | 55.7   | 28.3              | 60.7                                       | 68.0              |
| MERLOT (LTP-08-6)    | 7.3              | 8.7             | 7.0                 | 81.0                                | 96.0 | 92.3   | 93.7                 | 32.0   | 21.7              | 58.3                                       | 66.7              |
| MIDNIGHT             | 9.0              | 8.7             | 9.0                 | 87.0                                | 99.0 | 93.7   | 96.0                 | 66.0   | 32.0              | 59.7                                       | 69.3              |
| NU CHICAGO           | 8.0              | 8.7             | 8.3                 | 83.7                                | 98.7 | 91.7   | 93.0                 | 40.0   | 36.7              | 75.0                                       | 81.7              |
| OASIS (A98-344)      | 7.0              | 7.7             | 7.7                 | 78.7                                | 97.3 | 85.0   | 94.3                 | 44.3   | 16.3              | 51.7                                       | 58.0              |
| PICK 033             | 7.3              | 8.7             | 8.7                 | 84.0                                | 98.7 | 94.0   | 95.0                 | 39.7   | 25.7              | 57.3                                       | 66.7              |
| PICK 4340            | 7.0              | 7.7             | 8.7                 | 83.0                                | 98.7 | 84.0   | 81.0                 | 45.0   | 20.7              | 54.0                                       | 60.7              |
| PICK TD8             | 5.7              | 8.7             | 8.0                 | 79.3                                | 96.7 | 93.7   | 95.7                 | 64.0   | 44.7              | 66.3                                       | 73.3              |
| PICK TD9             | 5.7              | 8.0             | 7.7                 | 79.3                                | 97.7 | 87.3   | 95.0                 | 42.7   | 27.3              | 60.3                                       | 67.3              |
| PST-K4-3             | 7.3              | 8.7             | 8.0                 | 70.0                                | 93.7 | 91.7   | 92.7                 | 24.7   | 13.0              | 41.7                                       | 56.0              |
| PST-K9-90            | 6.0              | 8.7             | 7.7                 | 71.0                                | 89.3 | 94.0   | 95.0                 | 29.3   | 30.3              | 59.7                                       | 65.7              |
| PST-K9-97            | 6.7              | 9.0             | 7.7                 | 71.7                                | 89.0 | 96.3   | 95.7                 | 73.7   | 42.7              | 73.7                                       | 78.3              |
| PST-K9-99            | 7.0              | 8.0             | 7.0                 | 72.0                                | 93.7 | 88.3   | 92.7                 | 39.3   | 32.3              | 65.3                                       | 74.3              |
| PST-T10-18           | 6.0              | 8.7             | 8.0                 | 86.0                                | 98.7 | 91.7   | 93.0                 | 62.3   | 27.3              | 64.3                                       | 71.0              |
| RAD-507              | 6.3              | 8.0             | 8.0                 | 84.0                                | 97.3 | 89.0   | 93.0                 | 66.7   | 37.3              | 72.3                                       | 80.3              |
| RAD-849              | 6.7              | 9.0             | 8.0                 | 66.7                                | 94.3 | 95.7   | 96.3                 | 45.7   | 31.7              | 58.7                                       | 64.7              |
| RUBIX (4S2W)         | 6.3              | 8.3             | 8.0                 | 86.0                                | 97.7 | 90.7   | 77.0                 | 16.0   | 31.0              | 62.0                                       | 65.0              |
| RUSH                 | 8.0              | 8.0             | 8.3                 | 82.0                                | 96.3 | 86.7   | 90.7                 | 15.7   | 28.7              | 58.0                                       | 65.3              |
| SHAMROCK             | 5.3              | 8.7             | 7.3                 | 83.3                                | 97.3 | 94.0   | 96.0                 | 60.3   | 42.0              | 67.0                                       | 75.3              |
| SKYE                 | 6.7              | 9.0             | 8.0                 | 87.0                                | 97.7 | 96.3   | 94.7                 | 26.3   | 34.0              | 71.7                                       | 81.7              |
| SRX 2758             | 6.7              | 8.3             | 8.3                 | 84.3                                | 97.7 | 89.0   | 95.0                 | 20.3   | 38.0              | 76.3                                       | 84.3              |
| SRX 4338             | 7.3              | 8.0             | 8.7                 | 91.3                                | 98.7 | 88.3   | 90.7                 | 21.7   | 22.0              | 56.3                                       | 60.0              |
| SRX 466              | 7.7              | 8.7             | 8.7                 | 85.3                                | 98.7 | 89.0   | 95.7                 | 50.0   | 35.7              | 69.7                                       | 78.0              |
| SRX 5321             | 5.0              | 8.3             | 8.7                 | 85.3                                | 98.3 | 92.0   | 88.0                 | 72.3   | 27.3              | 67.0                                       | 74.0              |
| SUDDEN IMPACT        | 8.7              | 8.0             | 8.7                 | 84.7                                | 98.0 | 86.7   | 93.3                 | 39.0   | 28.3              | 56.7                                       | 68.0              |
| THERMAL BLUE         | 6.0              | 7.7             | 8.0                 | 71.0                                | 94.7 | 84.0   | 87.7                 | 48.3   | 18.7              | 52.3                                       | 63.3              |
| WATERWORKS (A05-204) | 7.3              | 8.7             | 7.0                 | 84.0                                | 96.7 | 93.3   | 95.3                 | 66.3   | 34.3              | 64.3                                       | 70.3              |
| ZINGER (A05-306)     | 5.7              | 8.7             | 8.0                 | 56.0                                | 84.0 | 93.3   | 94.3                 | 39.3   | 28.7              | 54.7                                       | 63.3              |
| A05-360              | 7.0              | 7.3             | 8.7                 | 78.7                                | 98.7 | 82.7   | 85.0                 | 29.7   | 15.3              | 43.0                                       | 53.3              |
| ARAMINTHA (PP 10847) | 5.3              | 7.7             | 8.3                 | 83.7                                | 97.3 | 83.3   | 93.7                 | 25.7   | 29.3              | 54.0                                       | 61.3              |
| KEENELAND (A04-342)  | 7.3              | 8.3             | 8.7                 | 90.3                                | 99.0 | 93.3   | 94.0                 | 31.7   | 23.0              | 61.7                                       | 66.3              |
| KENBLUE              | 4.7              | 8.7             | 8.7                 | 77.3                                | 96.3 | 95.3   | 97.3                 | 48.0   | 16.7              | 46.0                                       | 51.0              |
| PICK MP07            | 6.7              | 8.3             | 8.0                 | 68.0                                | 94.3 | 90.3   | 94.0                 | 22.3   | 19.3              | 45.3                                       | 51.0              |
| RAD-1492             | 6.3              | 8.7             | 7.7                 | 83.0                                | 98.0 | 91.7   | 96.0                 | 52.3   | 26.7              | 64.7                                       | 69.7              |
| ENDURANCE (PST-K4-7) | 7.7              | 8.7             | 8.3                 | 73.0                                | 95.7 | 92.3   | 88.0                 | 65.3   | 23.3              | 49.3                                       | 45.3              |
| ZEDOR (PPH 9131)     | 5.0              | 9.0             | 7.0                 | 78.0                                | 97.7 | 95.7   | 93.7                 | 41.3   | 19.0              | 34.7                                       | 41.3              |
| LSD VALUE            | 1.2              | 1.2             | 0.8                 | 20.5                                | 20.5 | 10.9   | 11.0                 | 145.0  | 21.6              | 25.3                                       | 29.0              |
| C.V. (%)             | 11.3             | 6.7             | 6.1                 | 11.2                                | 6.2  | 5.4    | 5.2                  | 66.0   | 37.3              | 20.0                                       | 19.2              |

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 15. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/  
2015 DATA

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

| NAME                       | TDR MOISTURE PROBE RATINGS AFTER TRAFFIC |                  |                   |                   |                   | CLEGG (GMAX) RATINGS AFTER TRAFFIC |                  |                   |                   |                   |
|----------------------------|--|------------------|-------------------|-------------------|-------------------|------------------------------------|------------------|-------------------|-------------------|-------------------|
|                            | PRETRAFFIC<br>SEP 18                     | 5 GAME<br>SEP 30 | 10 GAME<br>OCT 12 | 15 GAME<br>OCT 22 | 20 GAME<br>OCT 26 | PRETRAFFIC<br>SEP 18               | 5 GAME<br>SEP 30 | 10 GAME<br>OCT 12 | 15 GAME<br>OCT 22 | 20 GAME<br>OCT 26 |
| BARVETTE HGT (BAR VV 0709) | 26.7                                     | 39.3             | 34.3              | 23.0              | 25.3              | 69.0                               | 41.0             | 34.7              | 84.3              | 107.7             |
| BAR VV 118532              | 26.0                                     | 36.0             | 32.0              | 24.7              | 28.3              | 76.7                               | 33.7             | 36.3              | 64.3              | 104.0             |
| BLUEBANK (A03-1017)        | 27.3                                     | 36.3             | 32.3              | 23.0              | 27.7              | 74.0                               | 42.0             | 37.0              | 73.0              | 106.3             |
| A04-36                     | 26.0                                     | 36.7             | 31.7              | 23.3              | 28.0              | 74.3                               | 41.0             | 37.7              | 49.3              | 102.3             |
| AKB 2555                   | 21.7                                     | 35.7             | 33.0              | 21.0              | 25.7              | 84.3                               | 47.0             | 43.3              | 74.7              | 121.7             |
| AVID                       | 28.0                                     | 38.7             | 34.7              | 24.7              | 29.7              | 66.3                               | 43.7             | 36.7              | 76.7              | 98.0              |
| BAR VV 112916              | 26.7                                     | 36.3             | 32.0              | 24.0              | 27.0              | 81.0                               | 38.7             | 40.0              | 75.7              | 100.3             |
| BLACKJACK                  | 26.3                                     | 35.3             | 32.0              | 23.3              | 25.7              | 75.3                               | 39.7             | 42.7              | 77.7              | 112.0             |
| EMPIRE                     | 28.3                                     | 38.0             | 33.3              | 26.3              | 27.0              | 73.3                               | 40.0             | 40.0              | 71.0              | 107.7             |
| J-1770                     | 25.7                                     | 36.0             | 32.3              | 24.0              | 26.0              | 80.0                               | 46.7             | 42.7              | 77.3              | 102.0             |
| JACKRABBIT (PST-K10-106D)  | 26.0                                     | 36.0             | 30.7              | 24.7              | 27.0              | 83.3                               | 41.3             | 46.0              | 91.0              | 110.0             |
| 3733                       | 26.0                                     | 35.0             | 31.3              | 22.7              | 28.0              | 80.3                               | 48.3             | 38.7              | 67.7              | 101.0             |
| A00-2882                   | 26.3                                     | 35.3             | 32.3              | 23.0              | 25.3              | 68.3                               | 48.0             | 41.7              | 93.3              | 109.7             |
| A00-4199                   | 24.3                                     | 33.0             | 34.7              | 22.7              | 25.3              | 77.0                               | 49.3             | 37.3              | 78.7              | 91.3              |
| A01-1106                   | 25.7                                     | 36.7             | 33.3              | 22.0              | 27.3              | 78.3                               | 48.7             | 38.7              | 56.0              | 113.0             |
| A04-38                     | 26.0                                     | 35.3             | 30.0              | 22.0              | 26.3              | 84.0                               | 46.7             | 41.7              | 92.0              | 122.7             |
| A05-329                    | 26.3                                     | 35.7             | 32.7              | 22.0              | 26.3              | 70.3                               | 57.0             | 36.3              | 87.7              | 113.0             |
| A05-361                    | 24.7                                     | 34.3             | 30.7              | 22.7              | 26.3              | 72.0                               | 44.0             | 43.0              | 78.7              | 104.0             |
| A05-999                    | 22.3                                     | 33.7             | 30.7              | 22.3              | 24.7              | 75.0                               | 44.0             | 48.0              | 79.0              | 106.3             |
| A05-TB-382                 | 28.7                                     | 37.7             | 34.0              | 24.3              | 27.3              | 72.0                               | 40.3             | 40.3              | 72.7              | 108.7             |
| A06-26                     | 26.7                                     | 35.7             | 32.7              | 23.0              | 26.3              | 69.3                               | 42.0             | 40.0              | 62.0              | 96.3              |
| A06-46                     | 28.3                                     | 37.3             | 33.7              | 23.7              | 27.3              | 72.3                               | 42.0             | 36.7              | 67.7              | 101.7             |
| A06-47                     | 25.7                                     | 35.7             | 30.3              | 22.7              | 26.3              | 79.3                               | 51.3             | 42.7              | 90.7              | 88.3              |
| A98-363                    | 25.0                                     | 35.0             | 31.3              | 23.0              | 25.7              | 80.7                               | 38.3             | 45.0              | 84.0              | 109.7             |
| AMERICA                    | 26.0                                     | 34.3             | 32.3              | 23.0              | 27.3              | 71.0                               | 42.7             | 40.0              | 90.3              | 101.0             |
| ARROWHEAD                  | 26.7                                     | 35.7             | 30.7              | 23.7              | 26.3              | 78.0                               | 47.0             | 39.7              | 78.0              | 107.7             |
| AWARD                      | 26.7                                     | 36.3             | 31.7              | 24.7              | 27.0              | 74.3                               | 47.7             | 37.0              | 88.0              | 100.7             |
| BAR 12PP 612               | 26.0                                     | 35.0             | 30.7              | 22.0              | 25.3              | 77.0                               | 49.0             | 50.0              | 91.3              | 119.0             |
| BAR 8PP 504                | 27.3                                     | 35.7             | 31.0              | 23.3              | 27.0              | 71.3                               | 44.7             | 40.3              | 82.7              | 97.3              |
| BAR PP 110358              | 27.7                                     | 38.7             | 31.3              | 24.0              | 26.3              | 68.3                               | 46.3             | 34.3              | 80.0              | 97.0              |
| BAR PP 119326              | 27.0                                     | 34.7             | 30.3              | 24.0              | 26.0              | 75.3                               | 45.3             | 44.3              | 76.0              | 103.3             |
| BAR PP 119327              | 24.3                                     | 35.3             | 31.7              | 23.7              | 27.3              | 80.7                               | 43.3             | 39.0              | 62.3              | 112.0             |
| BARDUKE                    | 26.0                                     | 36.0             | 33.7              | 22.3              | 28.0              | 76.7                               | 45.3             | 40.3              | 84.3              | 116.7             |
| BARON                      | 25.0                                     | 36.3             | 32.7              | 24.0              | 27.0              | 77.7                               | 43.3             | 39.0              | 87.0              | 107.7             |
| BLUE COAT (AKB 2282)       | 28.3                                     | 35.0             | 31.7              | 24.7              | 27.0              | 69.3                               | 38.7             | 37.3              | 87.3              | 115.7             |
| BLUE NOTE                  | 27.0                                     | 34.3             | 32.7              | 24.0              | 27.3              | 68.3                               | 44.0             | 45.0              | 74.3              | 98.0              |
| BURL 06-11                 | 24.0                                     | 35.7             | 30.0              | 21.3              | 26.7              | 82.0                               | 48.0             | 43.3              | 89.3              | 111.3             |
| BURL 3-51                  | 25.3                                     | 36.0             | 33.3              | 25.0              | 29.0              | 72.0                               | 40.0             | 43.0              | 78.7              | 80.0              |
| CABERNET                   | 26.3                                     | 35.7             | 32.0              | 24.0              | 27.0              | 75.7                               | 47.3             | 40.7              | 97.0              | 110.3             |
| DAUNTLESS (A05-315)        | 24.7                                     | 34.3             | 30.3              | 22.7              | 25.0              | 72.7                               | 48.3             | 40.0              | 71.3              | 112.0             |
| GEISHA (DPPP818)           | 25.0                                     | 34.3             | 32.0              | 23.0              | 24.0              | 81.7                               | 44.0             | 42.3              | 90.0              | 119.7             |
| H99-1653                   | 29.0                                     | 35.7             | 32.7              | 24.0              | 28.0              | 74.3                               | 40.0             | 41.3              | 80.7              | 97.0              |
| J-1136                     | 25.3                                     | 36.3             | 33.3              | 24.7              | 28.3              | 71.7                               | 42.3             | 37.0              | 62.0              | 104.3             |
| J-1853                     | 28.0                                     | 36.7             | 33.7              | 25.0              | 28.3              | 65.0                               | 41.0             | 43.3              | 72.0              | 80.3              |
| LEGEND (A10-1)             | 26.7                                     | 35.0             | 31.0              | 23.0              | 28.7              | 69.0                               | 45.0             | 44.0              | 74.0              | 102.0             |

TABLE 15. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/  
2015 DATA

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

| NAME                 | TDR MOISTURE PROBE RATINGS AFTER TRAFFIC |                  |                   |                   |                   | CLEGG (GMAX) RATINGS AFTER TRAFFIC |                  |                   |                   |                   |
|----------------------|--|------------------|-------------------|-------------------|-------------------|------------------------------------|------------------|-------------------|-------------------|-------------------|
|                      | PRETRAFFIC<br>SEP 18                     | 5 GAME<br>SEP 30 | 10 GAME<br>OCT 12 | 15 GAME<br>OCT 22 | 20 GAME<br>OCT 26 | PRETRAFFIC<br>SEP 18               | 5 GAME<br>SEP 30 | 10 GAME<br>OCT 12 | 15 GAME<br>OCT 22 | 20 GAME<br>OCT 26 |
| LUNAR (PST-07-261)   | 28.3                                     | 35.0             | 32.0              | 26.0              | 26.0              | 79.3                               | 42.3             | 43.0              | 82.7              | 105.3             |
| MAZAMA (A04-74)      | 27.3                                     | 35.3             | 32.7              | 24.3              | 27.0              | 75.7                               | 43.7             | 40.0              | 79.3              | 114.7             |
| MERLOT (LTP-08-6)    | 22.3                                     | 34.7             | 30.0              | 21.0              | 27.7              | 80.7                               | 48.0             | 42.0              | 91.7              | 107.3             |
| MIDNIGHT             | 26.3                                     | 37.0             | 34.0              | 25.0              | 26.0              | 80.3                               | 51.0             | 35.3              | 56.0              | 104.7             |
| NU CHICAGO           | 26.0                                     | 35.7             | 32.0              | 24.3              | 30.0              | 67.7                               | 42.0             | 41.0              | 78.7              | 94.7              |
| OASIS (A98-344)      | 25.3                                     | 35.0             | 31.0              | 23.0              | 26.3              | 76.3                               | 46.7             | 39.7              | 84.7              | 107.0             |
| PICK 033             | 24.7                                     | 37.0             | 32.3              | 23.0              | 25.7              | 75.7                               | 48.0             | 43.0              | 71.0              | 106.3             |
| PICK 4340            | 26.3                                     | 38.0             | 34.0              | 25.7              | 24.7              | 73.3                               | 37.0             | 40.3              | 67.0              | 108.7             |
| PICK TD8             | 28.0                                     | 36.7             | 33.3              | 26.0              | 29.7              | 68.0                               | 39.0             | 36.7              | 69.7              | 93.3              |
| PICK TD9             | 26.3                                     | 36.3             | 32.3              | 25.7              | 27.3              | 69.0                               | 41.7             | 43.7              | 60.0              | 105.7             |
| PST-K4-3             | 24.3                                     | 34.0             | 30.7              | 22.3              | 23.3              | 83.0                               | 43.0             | 48.0              | 86.3              | 122.3             |
| PST-K9-90            | 24.0                                     | 35.7             | 31.3              | 23.7              | 26.3              | 73.0                               | 46.0             | 43.0              | 76.0              | 95.7              |
| PST-K9-97            | 27.0                                     | 35.3             | 31.0              | 21.7              | 28.3              | 72.7                               | 44.7             | 40.0              | 83.3              | 102.3             |
| PST-K9-99            | 27.7                                     | 34.7             | 32.7              | 23.3              | 27.0              | 70.0                               | 39.7             | 38.7              | 73.7              | 100.3             |
| PST-T10-18           | 25.3                                     | 33.7             | 32.0              | 23.7              | 26.7              | 77.3                               | 46.3             | 38.0              | 73.0              | 101.7             |
| RAD-507              | 26.7                                     | 36.7             | 32.7              | 24.3              | 27.3              | 76.3                               | 42.3             | 36.3              | 86.7              | 112.0             |
| RAD-849              | 29.3                                     | 37.7             | 33.0              | 25.0              | 29.7              | 69.7                               | 40.3             | 42.0              | 74.7              | 93.0              |
| RUBIX (4S2W)         | 26.7                                     | 36.3             | 30.7              | 23.3              | 26.3              | 75.7                               | 43.7             | 46.7              | 77.0              | 108.0             |
| RUSH                 | 28.7                                     | 37.0             | 32.0              | 25.0              | 27.3              | 68.3                               | 41.0             | 38.0              | 87.0              | 99.7              |
| SHAMROCK             | 26.0                                     | 37.3             | 33.7              | 23.0              | 28.3              | 76.7                               | 42.7             | 35.3              | 80.0              | 107.7             |
| SKYE                 | 25.7                                     | 34.7             | 30.7              | 21.7              | 27.7              | 71.7                               | 46.3             | 47.3              | 75.0              | 111.0             |
| SRX 2758             | 25.7                                     | 34.0             | 30.7              | 22.3              | 25.3              | 83.0                               | 49.3             | 38.0              | 84.3              | 115.3             |
| SRX 4338             | 26.0                                     | 34.0             | 31.7              | 23.0              | 28.7              | 71.7                               | 48.3             | 38.3              | 72.7              | 102.0             |
| SRX 466              | 28.7                                     | 35.3             | 31.3              | 24.3              | 24.7              | 68.0                               | 48.7             | 40.7              | 72.7              | 105.0             |
| SRX 5321             | 24.3                                     | 35.7             | 32.3              | 22.0              | 25.7              | 81.3                               | 37.3             | 41.0              | 82.3              | 106.3             |
| SUDDEN IMPACT        | 29.7                                     | 36.3             | 32.3              | 26.0              | 27.3              | 70.7                               | 39.7             | 42.0              | 81.0              | 96.7              |
| THERMAL BLUE         | 22.7                                     | 34.0             | 30.3              | 23.0              | 24.3              | 79.7                               | 45.0             | 47.7              | 74.3              | 123.0             |
| WATERWORKS (A05-204) | 28.3                                     | 35.7             | 31.7              | 23.7              | 27.7              | 71.3                               | 45.3             | 41.0              | 78.7              | 103.7             |
| ZINGER (A05-306)     | 25.0                                     | 34.7             | 31.0              | 24.0              | 27.7              | 69.7                               | 44.7             | 40.0              | 86.7              | 100.7             |
| A05-360              | 28.7                                     | 36.3             | 34.3              | 24.7              | 26.7              | 75.0                               | 45.0             | 34.0              | 89.3              | 116.0             |
| ARAMINTHA (PP 10847) | 26.7                                     | 36.0             | 33.3              | 24.3              | 26.7              | 76.3                               | 44.7             | 37.3              | 77.7              | 102.7             |
| KEENELAND (A04-342)  | 23.7                                     | 35.3             | 31.7              | 22.0              | 27.0              | 77.0                               | 47.0             | 41.3              | 87.7              | 109.3             |
| KENBLUE              | 27.3                                     | 33.3             | 30.7              | 25.0              | 28.0              | 70.3                               | 45.0             | 40.0              | 68.0              | 98.7              |
| PICK MP07            | 26.7                                     | 36.3             | 32.7              | 23.3              | 25.0              | 74.7                               | 46.0             | 34.7              | 64.7              | 109.3             |
| RAD-1492             | 25.7                                     | 35.0             | 31.7              | 23.0              | 25.7              | 81.0                               | 45.0             | 38.3              | 75.3              | 97.0              |
| ENDURANCE (PST-K4-7) | 28.3                                     | 36.0             | 32.3              | 25.3              | 30.3              | 68.3                               | 38.7             | 38.7              | 73.3              | 96.3              |
| ZEDOR (PPH 9131)     | 25.3                                     | 35.3             | 33.0              | 24.7              | 27.3              | 74.3                               | 43.3             | 35.3              | 77.7              | 83.3              |
| LSD VALUE            | 10.0                                     | 3.9              | 4.5               | 8.8               | 9.2               | 46.9                               | 34.7             | 41.1              | 75.8              | 59.6              |
| C.V. (%)             | 10.3                                     | 4.6              | 5.3               | 8.9               | 8.7               | 12.4                               | 16.3             | 18.1              | 21.9              | 14.3              |

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 16.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER TRAFFIC STRESS AT MADISON), WI 1/  
2015 DATA

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

| NAME                       | PERCENT<br>COVER<br>SPRING | PERCENT<br>COVER<br>SUMMER | PERCENT<br>COVER<br>FALL | PERCENT<br>WINTER<br>KILL | TYPHULA<br>BLIGHT | PERCENT<br>WEEDS | THATCH MEASUREMENTS<br>IN MM |         | QUALITY RATINGS |     |     |     |     |     |     |      |
|----------------------------|----------------------------|----------------------------|--------------------------|---------------------------|-------------------|------------------|------------------------------|---------|-----------------|-----|-----|-----|-----|-----|-----|------|
|                            |                            |                            |                          |                           |                   |                  | THATCH1                      | THATCH2 | MAY             | JUN | JUL | AUG | SEP | OCT | NOV | MEAN |
| A05-360                    | 95.0                       | 98.7                       | 98.7                     | 0.7                       | 9.0               | 2.7              | 2.3                          | 0.0     | 6.7             | 6.3 | 7.7 | 7.3 | 7.0 | 7.3 | 6.7 | 7.0  |
| BARVETTE HGT (BAR VV 0709) | 97.7                       | 99.0                       | 98.7                     | 1.0                       | 9.0               | 1.7              | 0.0                          | 0.0     | 6.0             | 5.0 | 7.0 | 8.0 | 6.3 | 7.3 | 8.0 | 6.8  |
| J-1136                     | 94.0                       | 98.3                       | 98.0                     | 0.7                       | 9.0               | 4.0              | 1.7                          | 1.0     | 5.7             | 6.7 | 7.0 | 7.7 | 6.3 | 7.0 | 6.7 | 6.7  |
| NU CHICAGO                 | 93.0                       | 99.0                       | 99.0                     | 0.0                       | 9.0               | 5.3              | 1.7                          | 0.0     | 5.0             | 6.0 | 7.3 | 8.0 | 7.3 | 6.7 | 6.3 | 6.7  |
| J-1770                     | 96.0                       | 98.0                       | 98.0                     | 1.0                       | 9.0               | 1.7              | 2.0                          | 1.7     | 6.0             | 7.0 | 6.7 | 7.0 | 6.0 | 7.3 | 6.3 | 6.6  |
| MIDNIGHT                   | 91.7                       | 97.7                       | 99.0                     | 0.3                       | 9.0               | 5.0              | 3.3                          | 1.0     | 5.0             | 6.3 | 6.3 | 7.3 | 6.3 | 7.3 | 7.3 | 6.6  |
| AWARD                      | 91.7                       | 98.0                       | 98.3                     | 1.0                       | 9.0               | 6.7              | 1.7                          | 1.3     | 5.3             | 6.0 | 6.7 | 7.3 | 6.3 | 7.0 | 7.0 | 6.5  |
| ZINGER (A05-306)           | 96.3                       | 99.0                       | 98.7                     | 0.7                       | 9.0               | 3.3              | 0.0                          | 0.0     | 5.7             | 6.0 | 7.3 | 7.3 | 6.0 | 6.7 | 6.3 | 6.5  |
| BAR PP 110358              | 95.3                       | 97.3                       | 97.7                     | 1.7                       | 9.0               | 3.7              | 1.0                          | 0.7     | 5.7             | 6.0 | 6.7 | 6.7 | 5.7 | 7.3 | 7.0 | 6.4  |
| A04-38                     | 94.7                       | 97.7                       | 96.0                     | 1.3                       | 9.0               | 4.0              | 1.3                          | 1.7     | 5.7             | 6.0 | 7.3 | 6.7 | 6.3 | 6.3 | 6.0 | 6.3  |
| BLUE NOTE                  | 96.7                       | 94.7                       | 97.7                     | 2.0                       | 9.0               | 1.3              | 1.7                          | 1.7     | 6.7             | 6.3 | 6.7 | 6.3 | 6.3 | 6.3 | 5.7 | 6.3  |
| LEGEND (A10-1)             | 88.3                       | 97.7                       | 98.3                     | 1.7                       | 9.0               | 6.7              | 5.0                          | 0.0     | 4.7             | 6.3 | 6.3 | 7.0 | 6.3 | 7.0 | 5.7 | 6.3  |
| SKYE                       | 95.7                       | 97.3                       | 98.3                     | 1.3                       | 9.0               | 3.7              | 0.7                          | 1.3     | 6.0             | 5.7 | 6.3 | 6.7 | 6.0 | 7.0 | 6.3 | 6.3  |
| SRX 2758                   | 91.7                       | 97.0                       | 98.7                     | 0.3                       | 9.0               | 4.0              | 4.3                          | 1.0     | 5.7             | 6.7 | 6.3 | 7.0 | 5.3 | 7.0 | 6.0 | 6.3  |
| BAR VV 112916              | 95.7                       | 98.3                       | 98.0                     | 2.0                       | 9.0               | 3.3              | 0.7                          | 0.7     | 6.3             | 5.0 | 6.3 | 6.7 | 5.3 | 7.0 | 7.0 | 6.2  |
| BLUEBANK (A03-1017)        | 90.0                       | 94.3                       | 97.7                     | 1.3                       | 9.0               | 5.7              | 4.3                          | 3.3     | 4.3             | 6.0 | 6.3 | 7.0 | 6.3 | 7.3 | 6.0 | 6.2  |
| H99-1653                   | 95.3                       | 99.0                       | 97.7                     | 1.7                       | 9.0               | 4.0              | 0.7                          | 0.0     | 6.0             | 5.7 | 7.0 | 7.3 | 5.7 | 6.7 | 5.3 | 6.2  |
| A04-36                     | 96.0                       | 98.0                       | 97.3                     | 0.7                       | 9.0               | 4.0              | 0.0                          | 1.0     | 6.0             | 6.0 | 6.3 | 7.0 | 6.0 | 6.0 | 5.7 | 6.1  |
| PST-T10-18                 | 95.3                       | 98.3                       | 98.3                     | 1.3                       | 9.0               | 4.0              | 0.7                          | 0.7     | 5.7             | 5.3 | 6.3 | 7.0 | 5.7 | 7.0 | 5.7 | 6.1  |
| A06-26                     | 93.0                       | 98.0                       | 98.7                     | 0.7                       | 9.0               | 4.0              | 3.0                          | 1.0     | 5.0             | 5.7 | 6.0 | 7.0 | 6.3 | 6.3 | 5.3 | 6.0  |
| AVID                       | 85.0                       | 92.7                       | 96.0                     | 3.3                       | 9.0               | 3.3              | 11.7                         | 1.7     | 4.3             | 6.0 | 7.7 | 6.3 | 6.0 | 6.3 | 5.3 | 6.0  |
| BAR PP 119326              | 96.0                       | 98.7                       | 98.7                     | 0.7                       | 9.0               | 1.7              | 1.7                          | 0.7     | 5.7             | 6.3 | 6.3 | 7.3 | 5.3 | 6.0 | 5.3 | 6.0  |
| CABERNET                   | 93.7                       | 93.7                       | 96.3                     | 3.3                       | 9.0               | 4.0              | 2.3                          | 3.3     | 6.3             | 6.0 | 6.0 | 6.0 | 5.7 | 6.3 | 5.3 | 6.0  |
| EMPIRE                     | 94.0                       | 95.0                       | 98.3                     | 1.3                       | 9.0               | 4.0              | 2.0                          | 5.0     | 5.7             | 5.7 | 7.0 | 6.0 | 6.7 | 5.7 | 5.7 | 6.0  |
| ENDURANCE (PST-K4-7)       | 91.3                       | 95.0                       | 94.0                     | 4.0                       | 9.0               | 3.3              | 5.0                          | 1.0     | 5.0             | 6.0 | 6.7 | 6.3 | 6.0 | 6.3 | 5.7 | 6.0  |
| PICK 033                   | 92.7                       | 92.3                       | 96.3                     | 3.3                       | 9.0               | 4.0              | 3.3                          | 4.0     | 5.7             | 6.0 | 6.0 | 6.7 | 5.3 | 6.7 | 5.3 | 6.0  |
| RUSH                       | 85.0                       | 97.0                       | 98.0                     | 1.0                       | 9.0               | 6.7              | 8.3                          | 2.3     | 4.7             | 6.0 | 6.3 | 7.0 | 6.0 | 6.0 | 5.7 | 6.0  |
| A98-363                    | 95.0                       | 92.3                       | 97.7                     | 1.7                       | 9.0               | 4.0              | 1.0                          | 2.3     | 5.3             | 5.7 | 6.7 | 6.3 | 5.3 | 6.3 | 5.3 | 5.9  |
| BURL 3-51                  | 85.0                       | 96.0                       | 98.7                     | 1.3                       | 9.0               | 6.7              | 8.3                          | 3.0     | 4.7             | 6.0 | 6.3 | 6.7 | 6.3 | 6.0 | 5.3 | 5.9  |
| OASIS (A98-344)            | 94.3                       | 94.7                       | 95.0                     | 2.3                       | 9.0               | 4.3              | 1.3                          | 3.3     | 4.7             | 6.7 | 6.0 | 6.0 | 5.7 | 6.7 | 5.7 | 5.9  |
| SRX 5321                   | 91.0                       | 98.3                       | 97.0                     | 3.0                       | 9.0               | 3.3              | 5.7                          | 1.0     | 4.3             | 6.3 | 6.3 | 6.7 | 5.3 | 6.7 | 5.7 | 5.9  |
| A05-361                    | 91.0                       | 96.7                       | 90.3                     | 7.3                       | 9.0               | 5.7              | 3.3                          | 2.3     | 5.3             | 6.0 | 6.3 | 6.3 | 6.0 | 5.7 | 5.0 | 5.8  |
| ARAMINTHA (PP 10847)       | 93.3                       | 93.0                       | 96.0                     | 1.0                       | 9.0               | 5.0              | 1.7                          | 6.0     | 5.0             | 6.3 | 7.0 | 5.3 | 5.0 | 6.3 | 5.3 | 5.8  |
| PST-K9-90                  | 86.7                       | 97.7                       | 96.0                     | 3.7                       | 9.0               | 5.7              | 7.7                          | 0.0     | 4.7             | 6.0 | 5.7 | 7.0 | 5.7 | 6.3 | 5.3 | 5.8  |
| SRX 466                    | 93.0                       | 94.7                       | 87.7                     | 6.7                       | 8.7               | 3.3              | 3.7                          | 4.0     | 6.3             | 7.0 | 6.3 | 6.0 | 5.0 | 4.7 | 5.0 | 5.8  |
| A06-46                     | 91.0                       | 92.7                       | 94.0                     | 5.0                       | 9.0               | 4.0              | 5.0                          | 4.0     | 5.0             | 5.7 | 6.0 | 5.7 | 5.7 | 6.0 | 6.0 | 5.7  |
| J-1853                     | 87.7                       | 92.3                       | 94.7                     | 5.3                       | 9.0               | 3.3              | 9.0                          | 0.7     | 5.0             | 5.3 | 5.7 | 6.7 | 6.3 | 5.3 | 5.7 | 5.7  |
| A00-4199                   | 87.7                       | 94.3                       | 96.0                     | 1.7                       | 9.0               | 5.7              | 6.7                          | 3.3     | 5.0             | 5.7 | 6.3 | 6.7 | 5.3 | 5.3 | 5.0 | 5.6  |
| BARON                      | 91.7                       | 92.7                       | 97.7                     | 1.7                       | 9.0               | 6.7              | 1.7                          | 3.3     | 4.7             | 5.7 | 6.3 | 5.3 | 5.7 | 6.3 | 5.3 | 5.6  |
| MERLOT (LTP-08-6)          | 89.7                       | 94.3                       | 85.0                     | 10.0                      | 8.7               | 5.0              | 5.0                          | 3.7     | 5.0             | 5.7 | 5.7 | 6.3 | 5.3 | 5.3 | 5.7 | 5.6  |
| THERMAL BLUE               | 94.3                       | 95.7                       | 97.3                     | 2.0                       | 9.0               | 5.7              | 0.0                          | 3.3     | 5.0             | 6.3 | 6.3 | 6.3 | 5.0 | 5.3 | 4.7 | 5.6  |
| AMERICA                    | 90.0                       | 96.0                       | 95.0                     | 2.3                       | 9.0               | 8.3              | 1.7                          | 3.0     | 4.3             | 5.3 | 6.0 | 6.0 | 5.7 | 5.3 | 5.7 | 5.5  |
| DAUNTLESS (A05-315)        | 94.3                       | 95.3                       | 93.7                     | 3.0                       | 8.7               | 5.0              | 0.7                          | 4.0     | 5.3             | 6.0 | 6.0 | 6.0 | 5.0 | 5.0 | 5.0 | 5.5  |
| SUDDEN IMPACT              | 88.3                       | 92.3                       | 97.3                     | 2.0                       | 9.0               | 7.0              | 4.7                          | 2.3     | 4.0             | 5.0 | 5.7 | 6.0 | 5.7 | 6.7 | 5.3 | 5.5  |
| BAR VV 118532              | 93.3                       | 89.0                       | 94.0                     | 3.3                       | 9.0               | 4.0              | 2.7                          | 7.3     | 5.3             | 6.0 | 6.0 | 5.3 | 4.7 | 5.7 | 5.0 | 5.4  |

TABLE 16. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER TRAFFIC STRESS AT MADISON), WI 1/  
2015 DATA

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

| NAME                      | PERCENT<br>COVER<br>SPRING | PERCENT<br>COVER<br>SUMMER | PERCENT<br>COVER<br>FALL | PERCENT<br>WINTER<br>KILL | TYPHULA<br>BLIGHT | PERCENT<br>WEEDS | THATCH MEASUREMENTS<br>IN MM |         | QUALITY RATINGS |      |      |      |      |      |      |      |
|---------------------------|----------------------------|----------------------------|--------------------------|---------------------------|-------------------|------------------|------------------------------|---------|-----------------|------|------|------|------|------|------|------|
|                           |                            |                            |                          |                           |                   |                  | THATCH1                      | THATCH2 | MAY             | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | MEAN |
| BLUE COAT (AKB 2282)      | 91.0                       | 91.7                       | 94.0                     | 4.0                       | 9.0               | 5.7              | 3.3                          | 6.3     | 5.0             | 5.7  | 5.0  | 5.7  | 5.7  | 6.0  | 5.0  | 5.4  |
| BURL 06-11                | 93.0                       | 91.0                       | 96.7                     | 2.0                       | 9.0               | 2.3              | 4.7                          | 4.0     | 6.0             | 5.3  | 5.3  | 5.3  | 4.7  | 6.3  | 4.7  | 5.4  |
| RUBIX (4S2W)              | 88.3                       | 91.0                       | 92.7                     | 2.0                       | 8.7               | 10.0             | 1.7                          | 1.7     | 4.7             | 6.3  | 6.3  | 5.7  | 4.7  | 5.7  | 4.7  | 5.4  |
| SHAMROCK                  | 87.7                       | 91.7                       | 96.3                     | 3.0                       | 9.0               | 9.0              | 3.3                          | 6.7     | 4.7             | 5.7  | 5.7  | 5.3  | 5.3  | 6.0  | 4.7  | 5.3  |
| GEISHA (DPPP818)          | 90.0                       | 89.7                       | 94.7                     | 2.3                       | 9.0               | 8.3              | 1.7                          | 6.7     | 5.0             | 5.3  | 6.0  | 5.3  | 5.3  | 5.0  | 4.7  | 5.2  |
| KENBLUE                   | 95.0                       | 93.7                       | 96.0                     | 4.0                       | 9.0               | 5.0              | 0.0                          | 4.3     | 5.0             | 4.3  | 5.0  | 5.0  | 5.3  | 6.3  | 5.7  | 5.2  |
| PICK MPO7                 | 93.3                       | 94.0                       | 95.0                     | 4.3                       | 9.0               | 5.0              | 1.7                          | 3.0     | 4.7             | 5.7  | 6.0  | 5.7  | 5.0  | 5.3  | 4.3  | 5.2  |
| WATERWORKS (A05-204)      | 89.7                       | 90.0                       | 94.3                     | 5.0                       | 9.0               | 3.7              | 6.3                          | 3.0     | 5.3             | 5.0  | 5.3  | 5.7  | 5.0  | 5.7  | 4.7  | 5.2  |
| BARDUKE                   | 91.7                       | 92.7                       | 92.3                     | 2.7                       | 8.7               | 4.3              | 4.0                          | 7.3     | 4.7             | 5.0  | 5.3  | 5.0  | 4.7  | 5.0  | 5.0  | 5.0  |
| PICK 4340                 | 89.3                       | 86.7                       | 91.7                     | 2.3                       | 8.7               | 6.7              | 4.0                          | 6.7     | 5.0             | 5.3  | 5.7  | 4.3  | 4.3  | 6.0  | 4.7  | 5.0  |
| RAD-507                   | 89.3                       | 92.0                       | 94.7                     | 4.0                       | 9.0               | 5.7              | 5.0                          | 6.7     | 4.7             | 5.0  | 5.3  | 5.3  | 4.7  | 5.7  | 4.7  | 5.0  |
| A00-2882                  | 81.7                       | 91.0                       | 91.3                     | 3.7                       | 8.7               | 8.3              | 10.0                         | 5.0     | 4.0             | 5.0  | 5.3  | 5.0  | 4.7  | 5.0  | 5.0  | 4.9  |
| PST-K4-3                  | 82.7                       | 94.0                       | 86.3                     | 13.3                      | 9.0               | 9.0              | 8.3                          | 0.7     | 4.3             | 4.7  | 5.7  | 6.0  | 4.7  | 4.7  | 4.3  | 4.9  |
| 3733                      | 86.7                       | 87.7                       | 86.0                     | 13.3                      | 9.0               | 5.0              | 8.3                          | 6.7     | 4.7             | 4.7  | 5.0  | 5.0  | 5.0  | 4.3  | 4.3  | 4.7  |
| A05-TB-382                | 88.3                       | 83.3                       | 96.0                     | 3.3                       | 9.0               | 6.7              | 5.0                          | 8.3     | 4.3             | 5.3  | 4.7  | 4.0  | 4.3  | 6.3  | 3.7  | 4.7  |
| ARROWHEAD                 | 88.3                       | 89.0                       | 77.7                     | 17.3                      | 8.7               | 6.7              | 5.0                          | 9.0     | 4.3             | 4.3  | 5.3  | 5.0  | 4.7  | 4.7  | 4.7  | 4.7  |
| PICK TD8                  | 80.0                       | 85.0                       | 82.7                     | 14.0                      | 9.0               | 8.3              | 11.7                         | 8.3     | 4.3             | 5.0  | 5.3  | 5.0  | 4.7  | 4.0  | 4.3  | 4.7  |
| RAD-1492                  | 81.7                       | 84.3                       | 82.7                     | 15.7                      | 9.0               | 8.3              | 10.0                         | 4.0     | 4.0             | 5.0  | 4.7  | 5.0  | 5.0  | 4.7  | 4.7  | 4.7  |
| JACKRABBIT (PST-K10-106D) | 85.0                       | 84.7                       | 89.7                     | 6.7                       | 8.7               | 8.3              | 6.7                          | 8.0     | 4.0             | 5.3  | 5.7  | 4.0  | 4.7  | 4.3  | 4.0  | 4.6  |
| SRX 4338                  | 85.0                       | 88.3                       | 74.7                     | 11.7                      | 7.7               | 8.3              | 6.7                          | 7.7     | 4.3             | 5.3  | 6.0  | 4.7  | 3.7  | 4.0  | 4.0  | 4.6  |
| A01-1106                  | 86.7                       | 92.3                       | 91.0                     | 2.3                       | 8.3               | 8.3              | 5.0                          | 6.7     | 4.0             | 5.3  | 5.0  | 5.3  | 4.7  | 4.0  | 3.3  | 4.5  |
| PICK TD9                  | 82.7                       | 81.7                       | 85.0                     | 8.3                       | 8.7               | 9.0              | 8.3                          | 10.0    | 4.7             | 5.3  | 4.3  | 4.0  | 5.0  | 4.3  | 3.7  | 4.5  |
| A05-999                   | 88.3                       | 89.3                       | 85.0                     | 6.7                       | 8.3               | 10.0             | 1.7                          | 8.3     | 4.0             | 5.0  | 5.0  | 4.3  | 4.7  | 4.0  | 3.7  | 4.4  |
| BAR 12PP 612              | 66.7                       | 91.0                       | 88.3                     | 10.0                      | 9.0               | 13.3             | 20.0                         | 5.7     | 3.7             | 4.3  | 4.7  | 4.7  | 4.3  | 4.7  | 4.3  | 4.4  |
| BAR 8PP 504               | 86.7                       | 85.3                       | 90.7                     | 2.3                       | 8.7               | 10.0             | 3.3                          | 9.0     | 4.0             | 5.0  | 5.3  | 4.3  | 4.0  | 4.3  | 4.0  | 4.4  |
| AKB 2555                  | 68.3                       | 81.3                       | 70.3                     | 20.7                      | 8.3               | 11.7             | 20.0                         | 10.0    | 4.0             | 4.3  | 4.7  | 4.7  | 4.3  | 4.0  | 4.0  | 4.3  |
| KEENELAND (A04-342)       | 86.7                       | 81.0                       | 82.0                     | 5.7                       | 8.0               | 6.7              | 6.7                          | 18.3    | 4.3             | 5.3  | 5.3  | 3.7  | 3.7  | 4.0  | 3.7  | 4.3  |
| MAZAMA (A04-74)           | 83.3                       | 88.3                       | 86.0                     | 10.7                      | 8.7               | 6.7              | 10.0                         | 5.0     | 3.7             | 4.3  | 5.3  | 4.3  | 4.0  | 4.7  | 3.7  | 4.3  |
| PST-K9-97                 | 75.0                       | 83.3                       | 78.3                     | 20.0                      | 9.0               | 8.3              | 16.7                         | 5.0     | 3.7             | 4.0  | 4.7  | 4.7  | 4.0  | 4.3  | 4.3  | 4.2  |
| PST-K9-99                 | 85.0                       | 80.0                       | 86.0                     | 5.0                       | 8.3               | 10.0             | 5.0                          | 15.0    | 4.0             | 5.0  | 4.3  | 4.0  | 4.0  | 4.3  | 3.7  | 4.2  |
| RAD-849                   | 81.7                       | 76.7                       | 86.0                     | 7.3                       | 8.7               | 8.3              | 10.0                         | 13.3    | 4.3             | 5.0  | 4.7  | 4.0  | 3.7  | 4.3  | 3.7  | 4.2  |
| BAR PP 119327             | 71.7                       | 78.3                       | 84.3                     | 11.7                      | 8.7               | 11.7             | 16.7                         | 8.3     | 3.3             | 5.3  | 4.3  | 3.7  | 3.7  | 3.7  | 4.3  | 4.0  |
| A05-329                   | 53.3                       | 71.7                       | 80.0                     | 13.3                      | 8.7               | 13.3             | 33.3                         | 5.0     | 2.3             | 4.0  | 5.3  | 4.0  | 4.3  | 3.7  | 3.3  | 3.9  |
| BLACKJACK                 | 71.7                       | 76.0                       | 73.3                     | 20.0                      | 8.7               | 15.0             | 13.3                         | 12.3    | 3.3             | 4.3  | 4.0  | 3.3  | 3.7  | 3.7  | 3.3  | 3.7  |
| A06-47                    | 66.7                       | 78.7                       | 76.7                     | 16.7                      | 8.7               | 18.3             | 15.0                         | 9.0     | 2.7             | 4.0  | 4.0  | 4.0  | 3.7  | 3.7  | 3.3  | 3.6  |
| ZEDOR (PPH 9131)          | 66.7                       | 52.7                       | 72.0                     | 14.0                      | 7.7               | 25.0             | 8.3                          | 30.7    | 3.0             | 3.3  | 3.3  | 3.0  | 3.7  | 4.0  | 3.7  | 3.4  |
| LUNAR (PST-07-261)        | 75.0                       | 60.0                       | 48.3                     | 38.3                      | 7.7               | 10.0             | 15.0                         | 25.0    | 3.7             | 4.0  | 3.3  | 3.0  | 3.3  | 2.7  | 3.3  | 3.3  |
| LSD VALUE                 | 15.4                       | 11.8                       | 15.9                     | 14.9                      | 0.8               | 7.9              | 11.8                         | 9.2     | 1.8             | 1.7  | 1.4  | 1.9  | 1.7  | 1.8  | 1.5  | 1.1  |
| C.V. (%)                  | 9.8                        | 7.9                        | 9.8                      | 137.5                     | 4.3               | 65.0             | 112.6                        | 106.6   | 20.3            | 15.8 | 14.7 | 19.6 | 18.0 | 18.8 | 17.5 | 13.0 |

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 17.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER SUMMER PATCH STRESS AT RALEIGH, NC 1/  
2015 DATA

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

| NAME                       | GENETIC |                |              |                |                |              | QUALITY RATINGS |     |     |     |     |     |     |     |     |     |     | MEAN |
|----------------------------|---------|----------------|--------------|----------------|----------------|--------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
|                            | COLOR   | SPRING GREENUP | LEAF TEXTURE | DENSITY SPRING | DENSITY SUMMER | DENSITY FALL | JAN             | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV |      |
| BAR PP 110358              | 7.0     | 7.0            | 7.7          | 7.3            | 8.0            | 7.7          | 6.3             | 6.0 | 6.3 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.0 | 6.0 | 7.0 | 6.5  |
| J-1770                     | 8.3     | 5.0            | 8.0          | 7.7            | 8.0            | 8.0          | 7.0             | 5.7 | 5.0 | 7.0 | 8.0 | 7.3 | 7.0 | 5.7 | 5.3 | 5.7 | 6.7 | 6.4  |
| SRX 466                    | 8.0     | 6.7            | 8.0          | 7.0            | 7.0            | 7.7          | 6.7             | 6.0 | 5.7 | 6.7 | 7.7 | 7.0 | 6.7 | 6.7 | 5.3 | 5.7 | 5.7 | 6.3  |
| AWARD                      | 8.3     | 5.0            | 8.0          | 7.7            | 8.0            | 8.0          | 6.7             | 6.0 | 5.3 | 6.0 | 7.0 | 7.3 | 6.3 | 4.7 | 5.3 | 6.7 | 6.2 |      |
| BARVETTE HGT (BAR VV 0709) | 6.0     | 6.3            | 8.0          | 7.3            | 8.0            | 8.0          | 6.0             | 5.7 | 6.0 | 6.0 | 6.3 | 6.3 | 6.0 | 5.5 | 6.0 | 7.0 | 6.2 |      |
| PICK 033                   | 7.3     | 7.3            | 8.0          | 7.0            | 7.7            | 7.3          | 6.7             | 5.7 | 5.7 | 6.7 | 7.7 | 7.7 | 7.3 | 6.0 | 4.7 | 4.7 | 5.3 | 6.2  |
| MIDNIGHT                   | 8.7     | 5.0            | 8.0          | 8.0            | 7.7            | 7.7          | 6.7             | 5.3 | 5.3 | 7.0 | 8.0 | 7.3 | 7.0 | 5.0 | 4.7 | 5.3 | 5.3 | 6.1  |
| A05-TB-382                 | 7.3     | 8.0            | 7.0          | 6.7            | 6.3            | 7.3          | 6.7             | 6.0 | 6.0 | 6.0 | 6.0 | 6.3 | 5.7 | 6.0 | 4.7 | 5.7 | 6.7 | 6.0  |
| MAZAMA (A04-74)            | 8.7     | 5.3            | 7.7          | 7.3            | 7.7            | 7.3          | 6.7             | 5.7 | 5.0 | 5.7 | 6.7 | 5.7 | 7.0 | 6.0 | 4.7 | 5.7 | 6.7 | 5.9  |
| A05-360                    | 7.0     | 7.7            | 8.0          | 8.0            | 7.3            | 7.3          | 6.7             | 6.0 | 6.0 | 7.0 | 7.7 | 7.3 | 6.7 | 4.0 | 3.7 | 4.3 | 4.7 | 5.8  |
| NU CHICAGO                 | 8.3     | 4.7            | 8.0          | 7.7            | 8.0            | 7.7          | 7.0             | 5.3 | 4.7 | 6.3 | 7.3 | 7.0 | 6.7 | 5.0 | 3.7 | 4.0 | 5.3 | 5.7  |
| SKYE                       | 8.0     | 6.3            | 8.0          | 8.0            | 8.0            | 8.0          | 6.0             | 5.0 | 5.0 | 7.0 | 7.7 | 7.3 | 6.7 | 3.7 | 3.3 | 4.7 | 6.0 | 5.7  |
| SRX 2758                   | 7.7     | 6.3            | 7.7          | 7.7            | 7.7            | 8.0          | 5.7             | 5.0 | 5.0 | 6.0 | 6.7 | 6.7 | 7.0 | 5.7 | 4.3 | 4.7 | 6.0 | 5.7  |
| KEENELAND (A04-342)        | 8.0     | 6.0            | 7.7          | 8.0            | 7.3            | 7.7          | 6.3             | 5.7 | 5.3 | 6.7 | 7.0 | 7.0 | 6.3 | 3.7 | 3.3 | 4.0 | 5.0 | 5.5  |
| PICK 4340                  | 8.3     | 6.0            | 8.0          | 8.0            | 7.7            | 7.0          | 6.7             | 5.7 | 5.7 | 7.3 | 8.0 | 8.0 | 6.3 | 3.7 | 3.0 | 3.0 | 3.0 | 5.5  |
| BLUEBANK (A03-1017)        | 8.7     | 5.0            | 8.0          | 7.7            | 6.7            | 7.7          | 6.0             | 5.0 | 4.7 | 5.3 | 5.7 | 5.0 | 5.7 | 5.7 | 4.7 | 5.0 | 6.3 | 5.4  |
| J-1136                     | 8.7     | 5.7            | 8.0          | 8.0            | 8.0            | 8.0          | 6.0             | 5.0 | 5.0 | 6.3 | 6.7 | 7.3 | 7.3 | 3.7 | 3.0 | 4.0 | 4.7 | 5.4  |
| A01-1106                   | 8.0     | 7.0            | 7.7          | 8.0            | 7.3            | 6.7          | 6.7             | 6.0 | 5.7 | 6.7 | 7.3 | 6.3 | 5.3 | 4.0 | 2.7 | 3.3 | 4.3 | 5.3  |
| BAR 8PP 504                | 6.7     | 5.0            | 7.3          | 7.0            | 7.0            | 7.3          | 5.3             | 4.3 | 5.0 | 6.0 | 6.0 | 6.3 | 5.7 | 5.3 | 4.3 | 5.0 | 5.3 | 5.3  |
| CABERNET                   | 7.0     | 6.7            | 8.0          | 7.0            | 7.7            | 7.0          | 5.3             | 5.0 | 5.3 | 6.3 | 7.0 | 7.0 | 6.3 | 5.0 | 3.3 | 3.7 | 4.3 | 5.3  |
| MERLOT (LTP-08-6)          | 8.3     | 6.0            | 7.0          | 7.3            | 7.7            | 7.7          | 6.0             | 5.7 | 5.7 | 6.0 | 5.3 | 5.7 | 6.0 | 4.7 | 3.3 | 4.3 | 5.3 | 5.3  |
| SRX 4338                   | 8.3     | 7.3            | 8.0          | 7.3            | 7.0            | 7.3          | 5.3             | 5.0 | 5.0 | 5.7 | 6.0 | 5.7 | 6.0 | 5.0 | 4.0 | 4.7 | 5.7 | 5.3  |
| A06-46                     | 8.0     | 7.3            | 8.0          | 7.7            | 7.0            | 7.7          | 6.0             | 5.3 | 5.7 | 6.3 | 6.0 | 6.3 | 5.3 | 4.0 | 3.3 | 4.0 | 5.3 | 5.2  |
| PST-T10-18                 | 6.7     | 6.7            | 8.0          | 8.0            | 7.7            | 7.7          | 5.0             | 4.7 | 5.7 | 6.7 | 7.0 | 6.7 | 6.7 | 3.3 | 3.3 | 3.7 | 4.3 | 5.2  |
| A00-2882                   | 8.7     | 7.0            | 7.3          | 8.0            | 7.0            | 7.0          | 7.0             | 6.0 | 5.7 | 7.0 | 7.0 | 7.7 | 5.0 | 2.7 | 2.7 | 2.7 | 3.0 | 5.1  |
| A98-363                    | 7.3     | 7.7            | 7.7          | 7.7            | 7.3            | 7.3          | 5.7             | 5.7 | 5.7 | 6.7 | 6.3 | 6.0 | 5.7 | 3.7 | 2.7 | 3.3 | 4.7 | 5.1  |
| AVID                       | 8.0     | 5.7            | 7.0          | 7.7            | 7.7            | 7.7          | 6.0             | 5.0 | 4.3 | 5.0 | 5.3 | 6.3 | 6.3 | 4.0 | 3.3 | 4.3 | 5.7 | 5.1  |
| BAR VV 118532              | 7.0     | 6.0            | 7.0          | 7.0            | 6.7            | 7.3          | 5.7             | 5.3 | 5.0 | 6.0 | 6.3 | 5.7 | 5.3 | 3.3 | 3.3 | 4.0 | 5.7 | 5.1  |
| BLUE NOTE                  | 7.7     | 7.0            | 8.0          | 8.0            | 7.3            | 8.0          | 5.7             | 5.7 | 5.7 | 6.3 | 6.0 | 5.3 | 6.0 | 3.7 | 3.0 | 3.7 | 4.7 | 5.1  |
| A06-26                     | 8.3     | 6.7            | 7.0          | 7.3            | 7.7            | 7.3          | 5.7             | 5.3 | 5.0 | 6.0 | 5.7 | 7.0 | 6.0 | 3.3 | 3.3 | 3.3 | 4.7 | 5.0  |
| ZEDOR (PPH 9131)           | 7.0     | 5.3            | 7.0          | 7.3            | 6.7            | 6.7          | 5.3             | 5.0 | 5.0 | 6.0 | 7.0 | 5.3 | 4.7 | 3.7 | 3.3 | 4.3 | 5.3 | 5.0  |
| A05-361                    | 7.7     | 7.0            | 7.3          | 7.0            | 7.0            | 6.7          | 6.0             | 5.3 | 5.0 | 5.7 | 5.3 | 5.7 | 5.3 | 4.3 | 3.0 | 4.0 | 4.7 | 4.9  |
| BURL 06-11                 | 7.3     | 7.0            | 7.0          | 7.0            | 7.0            | 7.0          | 5.7             | 5.0 | 5.3 | 6.3 | 6.0 | 6.7 | 5.7 | 3.3 | 2.7 | 3.3 | 4.3 | 4.9  |
| A00-4199                   | 7.7     | 6.0            | 7.3          | 7.0            | 7.7            | 7.3          | 5.3             | 5.0 | 4.7 | 6.3 | 6.3 | 6.3 | 5.7 | 3.3 | 3.0 | 3.0 | 3.7 | 4.8  |
| A06-47                     | 7.0     | 7.0            | 7.7          | 7.7            | 7.3            | 6.7          | 5.3             | 5.0 | 4.7 | 5.3 | 6.0 | 6.0 | 6.0 | 3.0 | 3.0 | 3.7 | 5.0 | 4.8  |
| H99-1653                   | 6.7     | 7.0            | 7.7          | 7.3            | 7.3            | 7.0          | 5.0             | 5.3 | 5.7 | 6.0 | 6.7 | 7.0 | 5.3 | 3.0 | 2.7 | 2.7 | 3.7 | 4.8  |
| J-1853                     | 8.7     | 5.7            | 7.0          | 8.0            | 8.0            | 7.7          | 5.7             | 4.7 | 4.7 | 6.0 | 6.0 | 6.7 | 6.3 | 3.3 | 2.7 | 3.3 | 4.0 | 4.8  |
| SUDDEN IMPACT              | 8.0     | 5.7            | 8.0          | 8.0            | 7.7            | 7.3          | 5.3             | 4.3 | 4.3 | 4.7 | 6.0 | 7.0 | 6.0 | 3.7 | 3.0 | 3.7 | 4.7 | 4.8  |
| BAR 12PP 612               | 8.0     | 7.0            | 7.0          | 7.0            | 6.7            | 6.7          | 4.7             | 4.0 | 4.0 | 5.0 | 4.7 | 5.7 | 5.7 | 4.7 | 3.0 | 4.3 | 5.7 | 4.7  |
| BURL 3-51                  | 8.0     | 6.0            | 7.7          | 6.7            | 6.0            | 6.7          | 5.3             | 4.7 | 4.0 | 4.0 | 4.0 | 4.0 | 4.7 | 5.3 | 4.7 | 5.0 | 6.0 | 4.7  |
| BAR VV 112916              | 6.0     | 7.3            | 8.7          | 8.0            | 7.3            | 6.7          | 6.0             | 5.7 | 6.0 | 6.0 | 6.0 | 4.7 | 4.3 | 3.0 | 2.3 | 3.0 | 4.0 | 4.6  |
| RAD-507                    | 7.7     | 6.0            | 7.0          | 7.7            | 7.0            | 7.0          | 4.7             | 4.3 | 5.0 | 6.0 | 5.7 | 6.3 | 5.7 | 3.3 | 3.0 | 3.0 | 4.0 | 4.6  |
| KENBLUE                    | 6.0     | 6.3            | 9.0          | 7.3            | 8.0            | 8.0          | 4.3             | 3.7 | 5.0 | 5.7 | 5.7 | 5.7 | 5.0 | 3.7 | 3.3 | 3.3 | 3.7 | 4.5  |
| LUNAR (PST-07-261)         | 8.7     | 5.7            | 7.3          | 7.0            | 7.0            | 7.0          | 5.7             | 5.0 | 4.7 | 4.7 | 4.7 | 5.3 | 5.7 | 3.7 | 3.0 | 3.3 | 4.0 | 4.5  |
| OASIS (A98-344)            | 8.0     | 7.3            | 7.0          | 6.0            | 7.0            | 7.3          | 4.7             | 4.7 | 4.7 | 5.0 | 5.3 | 6.0 | 5.7 | 3.3 | 2.7 | 3.3 | 4.0 | 4.5  |

TABLE 17. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER SUMMER PATCH STRESS AT RALEIGH, NC 1/  
2015 DATA

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

| NAME                      | GENETIC<br>COLOR | SPRING<br>GREENUP | LEAF<br>TEXTURE | DENSITY<br>SPRING | DENSITY<br>SUMMER | DENSITY<br>FALL | QUALITY RATINGS |      |      |      |      |      |      |      |      |      |      | MEAN |
|---------------------------|------------------|-------------------|-----------------|-------------------|-------------------|-----------------|-----------------|------|------|------|------|------|------|------|------|------|------|------|
|                           |                  |                   |                 |                   |                   |                 | JAN             | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  |      |
| PICK TD8                  | 8.0              | 6.3               | 7.3             | 7.0               | 7.3               | 7.0             | 5.0             | 4.7  | 4.3  | 5.0  | 5.0  | 6.0  | 5.3  | 3.3  | 2.7  | 3.7  | 4.0  | 4.5  |
| PST-K9-99                 | 7.7              | 5.3               | 7.0             | 7.7               | 7.0               | 6.7             | 4.7             | 4.7  | 4.7  | 5.0  | 4.7  | 6.3  | 6.0  | 3.3  | 2.7  | 3.3  | 4.3  | 4.5  |
| AMERICA                   | 8.0              | 6.3               | 7.0             | 7.0               | 6.7               | 6.3             | 4.7             | 4.3  | 4.3  | 4.7  | 4.7  | 5.0  | 5.3  | 4.0  | 2.7  | 3.7  | 4.7  | 4.4  |
| ARAMINTHA (PP 10847)      | 7.3              | 5.0               | 7.0             | 7.7               | 7.7               | 6.7             | 5.0             | 4.3  | 4.3  | 6.0  | 5.3  | 5.3  | 5.7  | 2.3  | 2.3  | 3.3  | 4.3  | 4.4  |
| BAR PP 119327             | 8.0              | 5.0               | 7.0             | 7.3               | 7.3               | 7.0             | 4.0             | 3.7  | 3.7  | 5.3  | 5.7  | 6.0  | 6.0  | 3.0  | 2.7  | 3.7  | 4.3  | 4.4  |
| EMPIRE                    | 8.0              | 7.3               | 7.0             | 6.7               | 7.0               | 7.0             | 5.7             | 5.0  | 4.7  | 4.7  | 5.3  | 6.0  | 5.3  | 3.7  | 2.7  | 2.7  | 2.7  | 4.4  |
| GEISHA (DPPP818)          | 8.0              | 4.7               | 7.0             | 6.3               | 6.7               | 6.7             | 5.0             | 4.3  | 4.3  | 5.0  | 5.0  | 5.7  | 5.7  | 3.7  | 3.0  | 3.3  | 3.7  | 4.4  |
| PICK MP07                 | 7.0              | 7.0               | 7.7             | 7.0               | 7.3               | 7.3             | 4.7             | 4.7  | 4.7  | 5.7  | 6.0  | 6.3  | 4.7  | 3.0  | 2.7  | 3.0  | 3.0  | 4.4  |
| SRX 5321                  | 7.7              | 6.3               | 7.7             | 7.7               | 7.7               | 7.0             | 6.0             | 5.3  | 5.0  | 5.7  | 5.3  | 5.3  | 5.3  | 2.7  | 2.3  | 2.3  | 2.7  | 4.4  |
| ENDURANCE (PST-K4-7)      | 8.3              | 6.3               | 7.3             | 7.0               | 7.0               | 7.3             | 5.3             | 4.7  | 4.3  | 4.3  | 4.3  | 4.7  | 5.0  | 3.7  | 3.3  | 3.3  | 4.3  | 4.3  |
| RUBIX (4S2W)              | 7.7              | 7.3               | 8.0             | 8.0               | 7.3               | 7.3             | 5.3             | 5.0  | 5.3  | 5.7  | 5.3  | 6.0  | 5.3  | 2.3  | 2.3  | 2.3  | 2.7  | 4.3  |
| ARROWHEAD                 | 8.0              | 6.7               | 7.0             | 7.3               | 7.0               | 6.7             | 4.0             | 3.7  | 4.3  | 4.7  | 5.0  | 6.3  | 5.7  | 2.7  | 2.3  | 3.0  | 4.0  | 4.2  |
| PST-K9-97                 | 9.0              | 6.7               | 7.7             | 7.7               | 7.0               | 7.3             | 4.7             | 4.3  | 4.3  | 4.3  | 4.7  | 4.7  | 5.0  | 3.3  | 3.0  | 3.3  | 4.3  | 4.2  |
| BLACKJACK                 | 7.3              | 6.7               | 7.7             | 7.3               | 7.0               | 6.3             | 4.3             | 4.0  | 4.3  | 4.7  | 5.0  | 5.0  | 5.0  | 3.0  | 2.7  | 2.7  | 4.0  | 4.1  |
| DAUNTLESS (A05-315)       | 7.7              | 7.0               | 7.0             | 7.0               | 7.0               | 6.7             | 5.3             | 4.3  | 4.7  | 5.0  | 5.0  | 6.3  | 5.0  | 2.0  | 2.0  | 2.3  | 2.7  | 4.1  |
| JACKRABBIT (PST-K10-106D) | 8.0              | 7.0               | 8.0             | 6.7               | 6.7               | 6.0             | 4.7             | 4.0  | 4.3  | 5.0  | 5.0  | 5.7  | 5.0  | 2.7  | 2.7  | 2.3  | 3.3  | 4.1  |
| LEGEND (A10-1)            | 8.3              | 5.7               | 7.0             | 6.3               | 6.0               | 6.7             | 4.7             | 4.3  | 4.0  | 4.0  | 4.7  | 5.3  | 5.3  | 3.0  | 2.3  | 3.0  | 4.0  | 4.1  |
| SHAMROCK                  | 7.7              | 6.3               | 7.0             | 7.0               | 7.0               | 7.0             | 4.7             | 4.3  | 4.3  | 5.3  | 5.7  | 6.3  | 4.0  | 2.7  | 2.7  | 2.3  | 3.0  | 4.1  |
| WATERWORKS (A05-204)      | 8.0              | 6.0               | 7.0             | 6.3               | 6.0               | 7.0             | 5.0             | 4.3  | 4.3  | 4.7  | 4.7  | 5.0  | 4.3  | 2.7  | 2.3  | 3.0  | 4.3  | 4.1  |
| BARDUKE                   | 8.0              | 6.0               | 6.7             | 7.0               | 7.0               | 7.0             | 5.0             | 4.3  | 4.3  | 4.7  | 5.0  | 6.3  | 4.0  | 2.7  | 2.3  | 2.7  | 2.7  | 4.0  |
| BARON                     | 8.0              | 6.0               | 7.0             | 7.0               | 7.0               | 7.0             | 4.3             | 4.0  | 4.0  | 4.3  | 4.7  | 6.0  | 4.3  | 3.0  | 2.7  | 3.0  | 3.7  | 4.0  |
| A04-36                    | 7.3              | 6.7               | 7.0             | 7.0               | 6.7               | 6.3             | 4.0             | 4.0  | 4.3  | 5.7  | 6.0  | 6.7  | 4.0  | 2.0  | 2.0  | 2.0  | 2.3  | 3.9  |
| A05-999                   | 8.0              | 6.7               | 7.3             | 7.3               | 6.3               | 6.0             | 4.0             | 4.0  | 4.3  | 5.0  | 5.7  | 6.3  | 3.3  | 2.3  | 2.3  | 2.7  | 2.7  | 3.9  |
| RAD-1492                  | 8.0              | 6.7               | 7.3             | 7.0               | 7.0               | 6.7             | 4.3             | 4.3  | 4.3  | 5.0  | 5.0  | 5.3  | 5.0  | 2.3  | 2.0  | 2.3  | 3.0  | 3.9  |
| 3733                      | 8.0              | 6.0               | 7.0             | 6.7               | 6.7               | 6.7             | 4.0             | 4.0  | 4.0  | 4.7  | 4.7  | 5.3  | 4.7  | 2.7  | 2.3  | 2.3  | 3.0  | 3.8  |
| A04-38                    | 7.7              | 6.3               | 7.0             | 7.7               | 7.3               | 7.0             | 4.0             | 4.0  | 4.0  | 4.7  | 5.7  | 6.0  | 4.3  | 2.3  | 2.0  | 2.3  | 3.0  | 3.8  |
| THERMAL BLUE              | 7.0              | 6.7               | 6.3             | 6.3               | 6.3               | 6.5             | 3.7             | 3.7  | 4.0  | 4.3  | 4.7  | 4.7  | 4.0  | 4.0  | 3.0  | 3.0  | 4.0  | 3.8  |
| A05-329                   | 8.0              | 6.3               | 7.0             | 6.3               | 6.3               | 6.7             | 4.0             | 3.7  | 3.7  | 4.0  | 4.3  | 4.3  | 4.3  | 3.0  | 2.7  | 3.0  | 4.0  | 3.7  |
| BAR PP 119326             | 7.3              | 6.3               | 6.3             | 6.0               | 5.7               | 6.0             | 4.0             | 3.7  | 3.7  | 4.7  | 5.3  | 5.3  | 3.7  | 2.3  | 2.3  | 2.7  | 3.3  | 3.7  |
| PST-K4-3                  | 8.0              | 6.7               | 7.7             | 6.7               | 6.0               | 7.0             | 4.3             | 4.0  | 3.7  | 4.0  | 4.0  | 4.0  | 4.0  | 3.3  | 2.7  | 2.7  | 3.7  | 3.7  |
| BLUE COAT (AKB 2282)      | 9.0              | 6.3               | 7.3             | 7.7               | 7.0               | 7.0             | 3.7             | 3.3  | 3.3  | 3.7  | 4.3  | 5.7  | 5.0  | 2.3  | 2.3  | 2.3  | 3.3  | 3.6  |
| RUSH                      | 8.0              | 6.0               | 7.0             | 7.3               | 7.3               | 7.0             | 4.0             | 3.7  | 3.3  | 3.7  | 4.3  | 6.0  | 4.7  | 2.3  | 2.0  | 2.7  | 3.3  | 3.6  |
| AKB 2555                  | 8.0              | 5.7               | 7.3             | 7.3               | 6.3               | 6.7             | 4.3             | 4.0  | 4.0  | 4.0  | 3.7  | 5.0  | 3.7  | 2.7  | 2.3  | 2.7  | 2.7  | 3.5  |
| ZINGER (A05-306)          | 8.0              | 6.7               | 7.3             | 8.0               | 7.0               | 6.7             | 4.0             | 4.0  | 4.0  | 4.7  | 5.0  | 4.7  | 4.0  | 2.3  | 2.0  | 2.0  | 2.3  | 3.5  |
| RAD-849                   | 7.7              | 7.0               | 7.0             | 6.7               | 6.7               | 7.0             | 3.7             | 3.3  | 3.3  | 4.3  | 4.7  | 5.0  | 3.3  | 2.3  | 2.0  | 2.3  | 2.7  | 3.4  |
| PICK TD9                  | 8.0              | 7.3               | 7.3             | 6.7               | 6.7               | 6.7             | 3.0             | 3.0  | 3.0  | 3.7  | 4.0  | 4.0  | 3.3  | 3.0  | 2.7  | 3.0  | 3.3  | 3.3  |
| PST-K9-90                 | 8.3              | 7.3               | 7.0             | 6.3               | 5.0               | 5.3             | 2.0             | 2.0  | 2.0  | 2.3  | 2.3  | 3.0  | 2.7  | 2.0  | 1.7  | 2.0  | 2.7  | 2.2  |
| LSD VALUE                 | 0.7              | 1.2               | 0.6             | 0.9               | 1.3               | 1.2             | 1.5             | 1.2  | 1.5  | 1.8  | 1.6  | 2.1  | 1.9  | 1.6  | 1.3  | 1.6  | 1.9  | 1.0  |
| C.V. (%)                  | 5.5              | 11.1              | 4.8             | 7.0               | 9.6               | 8.6             | 17.1            | 15.7 | 17.5 | 18.5 | 17.5 | 18.5 | 20.1 | 27.2 | 25.1 | 26.5 | 26.4 | 13.0 |

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 17.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER SUMMER PATCH STRESS AT RALEIGH, NC 1/  
2015 DATA

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

| NAME                       | PERCENT<br>COVER<br>SPRING | PERCENT<br>COVER<br>SUMMER | PERCENT<br>COVER<br>FALL | WINTER<br>COLOR | SEEDHEAD<br>RATINGS | PERCENT<br>WINTER<br>KILL | SUMMER<br>PATCH<br>AUGUST | RATINGS<br>SEPTEMBER |
|----------------------------|----------------------------|----------------------------|--------------------------|-----------------|---------------------|---------------------------|---------------------------|----------------------|
| BAR PP 110358              | 97.7                       | 99.0                       | 99.0                     | 6.3             | 9.0                 | 10.0                      | 7.0                       | 6.7                  |
| J-1770                     | 97.7                       | 99.0                       | 99.0                     | 7.3             | 9.0                 | 20.0                      | 6.0                       | 5.7                  |
| SRX 466                    | 96.0                       | 97.7                       | 98.3                     | 7.7             | 9.0                 | 13.3                      | 6.7                       | 6.3                  |
| AWARD                      | 93.3                       | 99.0                       | 99.0                     | 7.0             | 9.0                 | 21.7                      | 6.3                       | 4.7                  |
| BARVETTE HGT (BAR VV 0709) | 99.0                       | 99.0                       | 99.0                     | 5.7             | 9.0                 | 21.7                      | 6.0                       | 7.5                  |
| PICK 033                   | 99.0                       | 97.7                       | 97.0                     | 7.3             | 8.3                 | 13.3                      | 6.3                       | 5.7                  |
| MIDNIGHT                   | 93.3                       | 97.7                       | 97.0                     | 7.0             | 8.7                 | 18.3                      | 4.7                       | 4.7                  |
| A05-TB-382                 | 96.3                       | 99.0                       | 99.0                     | 7.0             | 6.3                 | 11.7                      | 6.0                       | 6.0                  |
| MAZAMA (A04-74)            | 93.3                       | 99.0                       | 99.0                     | 8.0             | 9.0                 | 20.0                      | 6.7                       | 6.0                  |
| A05-360                    | 97.7                       | 91.0                       | 89.7                     | 7.7             | 9.0                 | 8.3                       | 4.0                       | 3.7                  |
| NU CHICAGO                 | 93.0                       | 99.0                       | 98.3                     | 7.0             | 8.7                 | 26.7                      | 5.0                       | 4.7                  |
| SKYE                       | 97.7                       | 97.7                       | 99.0                     | 6.7             | 8.7                 | 25.0                      | 4.0                       | 3.7                  |
| SRX 2758                   | 96.0                       | 96.0                       | 98.3                     | 7.0             | 8.7                 | 15.0                      | 6.0                       | 4.7                  |
| KEENELAND (A04-342)        | 93.0                       | 94.3                       | 93.7                     | 6.7             | 8.3                 | 15.0                      | 3.3                       | 3.0                  |
| PICK 4340                  | 97.7                       | 85.0                       | 85.0                     | 7.0             | 8.7                 | 18.3                      | 3.3                       | 2.7                  |
| BLUEBANK (A03-1017)        | 81.7                       | 99.0                       | 97.7                     | 7.0             | 9.0                 | 23.3                      | 6.0                       | 5.3                  |
| J-1136                     | 91.7                       | 99.0                       | 98.3                     | 7.0             | 8.7                 | 23.3                      | 3.3                       | 3.0                  |
| A01-1106                   | 96.3                       | 88.0                       | 89.7                     | 7.7             | 8.3                 | 11.7                      | 4.3                       | 3.0                  |
| BAR 8PP 504                | 97.7                       | 97.7                       | 97.7                     | 5.0             | 5.7                 | 36.7                      | 5.0                       | 5.7                  |
| CABERNET                   | 97.7                       | 96.3                       | 94.0                     | 6.3             | 8.0                 | 20.0                      | 4.3                       | 4.0                  |
| MERLOT (LTP-08-6)          | 91.7                       | 96.3                       | 97.0                     | 6.7             | 8.7                 | 23.3                      | 4.0                       | 3.7                  |
| SRX 4338                   | 79.7                       | 92.7                       | 99.0                     | 6.7             | 8.3                 | 15.0                      | 4.7                       | 4.7                  |
| A06-46                     | 94.3                       | 93.0                       | 97.0                     | 6.7             | 8.3                 | 15.0                      | 4.7                       | 3.0                  |
| PST-T10-18                 | 96.3                       | 99.0                       | 99.0                     | 5.3             | 8.3                 | 28.3                      | 3.0                       | 3.0                  |
| A00-2882                   | 95.0                       | 91.3                       | 88.0                     | 8.0             | 8.7                 | 11.7                      | 2.7                       | 2.0                  |
| A98-363                    | 96.0                       | 91.7                       | 93.0                     | 6.3             | 7.0                 | 15.0                      | 4.0                       | 2.7                  |
| AVID                       | 81.7                       | 97.7                       | 97.7                     | 7.3             | 9.0                 | 16.7                      | 3.7                       | 3.7                  |
| BAR VV 118532              | 94.7                       | 96.0                       | 96.0                     | 5.7             | 6.7                 | 20.0                      | 4.0                       | 3.3                  |
| BLUE NOTE                  | 93.3                       | 97.7                       | 97.0                     | 6.7             | 8.3                 | 16.7                      | 4.0                       | 3.3                  |
| A06-26                     | 93.3                       | 92.7                       | 96.0                     | 6.0             | 8.7                 | 18.3                      | 3.3                       | 3.0                  |
| ZEDOR (PPH 9131)           | 96.3                       | 94.3                       | 94.3                     | 5.0             | 8.0                 | 31.7                      | 3.7                       | 3.7                  |
| A05-361                    | 90.0                       | 97.7                       | 97.0                     | 7.3             | 7.7                 | 21.7                      | 3.7                       | 3.3                  |
| BURL 06-11                 | 91.7                       | 86.7                       | 90.0                     | 7.0             | 8.3                 | 15.0                      | 3.3                       | 2.7                  |
| A00-4199                   | 94.7                       | 89.7                       | 88.0                     | 7.0             | 8.7                 | 23.3                      | 3.3                       | 2.3                  |
| A06-47                     | 89.7                       | 86.0                       | 90.3                     | 6.3             | 7.3                 | 15.0                      | 3.3                       | 2.7                  |
| H99-1653                   | 96.0                       | 93.0                       | 95.0                     | 5.7             | 7.7                 | 23.3                      | 3.0                       | 2.7                  |
| J-1853                     | 88.3                       | 93.0                       | 96.3                     | 6.3             | 8.7                 | 20.0                      | 2.7                       | 2.7                  |
| SUDDEN IMPACT              | 88.3                       | 96.0                       | 98.3                     | 7.3             | 8.3                 | 16.7                      | 4.3                       | 2.7                  |
| BAR 12PP 612               | 86.7                       | 97.7                       | 98.3                     | 6.3             | 7.0                 | 20.0                      | 4.3                       | 4.7                  |
| BURL 3-51                  | 75.0                       | 95.3                       | 98.3                     | 6.7             | 9.0                 | 13.3                      | 6.3                       | 5.7                  |
| BAR VV 112916              | 99.0                       | 89.7                       | 96.3                     | 6.0             | 6.0                 | 23.3                      | 3.7                       | 2.7                  |
| RAD-507                    | 88.0                       | 83.0                       | 86.3                     | 5.7             | 7.7                 | 25.0                      | 3.3                       | 2.7                  |
| KENBLUE                    | 99.0                       | 91.3                       | 90.3                     | 5.0             | 6.3                 | 48.3                      | 3.7                       | 3.7                  |
| LUNAR (PST-07-261)         | 76.7                       | 93.0                       | 93.0                     | 7.3             | 6.7                 | 18.3                      | 3.7                       | 3.7                  |
| OASIS (A98-344)            | 86.7                       | 83.0                       | 76.3                     | 6.3             | 8.0                 | 15.0                      | 3.3                       | 2.7                  |



TABLE 17.  
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN UNDER SUMMER PATCH STRESS AT RALEIGH, NC 1/  
2015 DATA

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

| NAME                      | PERCENT<br>COVER<br>SPRING | PERCENT<br>COVER<br>SUMMER | PERCENT<br>COVER<br>FALL | WINTER<br>COLOR | SEEDHEAD<br>RATINGS | PERCENT<br>WINTER<br>KILL | SUMMER<br>PATCH<br>AUGUST | RATINGS<br>SEPTEMBER |
|---------------------------|----------------------------|----------------------------|--------------------------|-----------------|---------------------|---------------------------|---------------------------|----------------------|
| PICK TD8                  | 88.3                       | 93.0                       | 91.3                     | 7.0             | 8.0                 | 13.3                      | 3.0                       | 2.3                  |
| PST-K9-99                 | 90.0                       | 88.0                       | 91.3                     | 5.7             | 7.0                 | 31.7                      | 3.0                       | 2.7                  |
| AMERICA                   | 73.3                       | 89.7                       | 95.7                     | 5.0             | 8.0                 | 21.7                      | 3.3                       | 3.0                  |
| ARAMINTHA (PP 10847)      | 88.0                       | 94.7                       | 94.0                     | 5.0             | 8.0                 | 33.3                      | 2.7                       | 2.3                  |
| BAR PP 119327             | 88.3                       | 93.0                       | 93.0                     | 5.7             | 6.7                 | 35.0                      | 2.3                       | 2.3                  |
| EMPIRE                    | 73.3                       | 91.7                       | 93.3                     | 6.3             | 9.0                 | 11.7                      | 4.3                       | 3.3                  |
| GEISHA (DPPP818)          | 81.7                       | 91.3                       | 92.3                     | 6.0             | 8.0                 | 28.3                      | 4.0                       | 3.3                  |
| PICK MP07                 | 89.7                       | 96.3                       | 94.0                     | 6.7             | 6.7                 | 13.3                      | 3.3                       | 2.7                  |
| SRX 5321                  | 94.7                       | 88.3                       | 86.7                     | 6.7             | 8.7                 | 11.7                      | 3.0                       | 1.7                  |
| ENDURANCE (PST-K4-7)      | 65.0                       | 94.7                       | 97.7                     | 6.3             | 8.7                 | 20.0                      | 3.5                       | 2.5                  |
| RUBIX (4S2W)              | 83.0                       | 81.7                       | 85.0                     | 6.7             | 8.7                 | 8.3                       | 2.3                       | 2.3                  |
| ARROWHEAD                 | 71.7                       | 95.0                       | 93.3                     | 5.3             | 7.3                 | 18.3                      | 3.3                       | 2.7                  |
| PST-K9-97                 | 68.3                       | 95.0                       | 95.7                     | 7.0             | 9.0                 | 15.0                      | 3.0                       | 3.7                  |
| BLACKJACK                 | 86.3                       | 93.0                       | 93.0                     | 6.0             | 7.0                 | 25.0                      | 3.0                       | 2.3                  |
| DAUNTLESS (A05-315)       | 81.3                       | 81.7                       | 86.3                     | 6.7             | 8.0                 | 21.7                      | 2.3                       | 2.0                  |
| JACKRABBIT (PST-K10-106D) | 78.0                       | 89.0                       | 86.3                     | 6.0             | 7.0                 | 16.7                      | 2.7                       | 2.3                  |
| LEGEND (A10-1)            | 73.3                       | 91.7                       | 93.0                     | 6.7             | 8.3                 | 16.7                      | 3.0                       | 2.7                  |
| SHAMROCK                  | 93.0                       | 78.0                       | 73.0                     | 6.3             | 7.3                 | 20.0                      | 3.0                       | 2.3                  |
| WATERWORKS (A05-204)      | 78.3                       | 92.3                       | 96.3                     | 6.7             | 7.3                 | 16.7                      | 2.3                       | 2.3                  |
| BARDUKE                   | 86.7                       | 88.3                       | 88.3                     | 6.0             | 8.3                 | 23.3                      | 2.7                       | 2.0                  |
| BARON                     | 85.0                       | 91.7                       | 94.7                     | 6.3             | 7.7                 | 30.0                      | 2.3                       | 2.7                  |
| A04-36                    | 99.0                       | 68.3                       | 63.3                     | 6.7             | 7.0                 | 16.7                      | 2.0                       | 1.7                  |
| A05-999                   | 88.3                       | 81.7                       | 75.0                     | 6.0             | 8.0                 | 15.0                      | 2.3                       | 2.0                  |
| RAD-1492                  | 85.0                       | 86.7                       | 88.3                     | 5.0             | 6.7                 | 23.3                      | 2.3                       | 2.0                  |
| 3733                      | 75.0                       | 86.3                       | 86.3                     | 5.7             | 6.7                 | 21.7                      | 3.3                       | 2.0                  |
| A04-38                    | 81.3                       | 83.3                       | 73.3                     | 6.3             | 7.0                 | 20.0                      | 2.0                       | 1.7                  |
| THERMAL BLUE              | 86.3                       | 97.0                       | 94.5                     | 4.7             | 6.7                 | 30.0                      | 2.5                       | 2.5                  |
| A05-329                   | 65.0                       | 85.0                       | 85.0                     | 5.0             | 8.0                 | 11.7                      | 3.0                       | 2.7                  |
| BAR PP 119326             | 94.7                       | 88.3                       | 88.0                     | 5.0             | 7.0                 | 31.7                      | 2.3                       | 2.0                  |
| PST-K4-3                  | 70.0                       | 92.3                       | 93.0                     | 6.0             | 8.0                 | 13.3                      | 2.7                       | 2.7                  |
| BLUE COAT (AKB 2282)      | 70.0                       | 90.0                       | 91.7                     | 7.0             | 7.3                 | 16.7                      | 2.7                       | 2.3                  |
| RUSH                      | 71.7                       | 91.7                       | 93.0                     | 6.0             | 8.0                 | 21.7                      | 2.3                       | 2.3                  |
| AKB 2555                  | 70.0                       | 86.7                       | 86.7                     | 6.0             | 7.7                 | 20.0                      | 3.0                       | 2.7                  |
| ZINGER (A05-306)          | 91.3                       | 73.3                       | 68.3                     | 6.3             | 7.3                 | 20.0                      | 2.0                       | 1.3                  |
| RAD-849                   | 71.7                       | 78.3                       | 88.3                     | 5.0             | 8.0                 | 15.0                      | 2.3                       | 1.7                  |
| PICK TD9                  | 60.0                       | 93.3                       | 91.7                     | 5.7             | 6.7                 | 11.7                      | 3.0                       | 2.3                  |
| PST-K9-90                 | 35.0                       | 80.0                       | 81.7                     | 5.3             | 7.0                 | 8.3                       | 2.3                       | 1.7                  |
| LSD VALUE                 | 23.2                       | 17.9                       | 16.0                     | 1.4             | 0.8                 | 9.3                       | 1.9                       | 1.6                  |
| C.V. (%)                  | 14.5                       | 8.9                        | 9.0                      | 12.4            | 6.8                 | 29.4                      | 30.8                      | 31.6                 |

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 ORGANIC MAINTENANCE AT GUELPH (CANADA), ON 1/  
2015 DATA

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

| NAME                      | APR | MAY | JUN | JUL | AUG | SEP | OCT | MEAN |
|---------------------------|-----|-----|-----|-----|-----|-----|-----|------|
| AMERICA                   | 6.0 | 7.3 | 8.0 | 8.0 | 7.7 | 8.0 | 7.0 | 7.4  |
| H99-1653                  | 5.7 | 7.0 | 8.0 | 8.0 | 7.7 | 7.7 | 8.0 | 7.4  |
| KEENELAND (A04-342)       | 5.7 | 6.3 | 8.0 | 7.7 | 7.7 | 7.7 | 8.0 | 7.3  |
| BARDUKE                   | 5.7 | 6.7 | 7.7 | 8.0 | 7.7 | 7.3 | 7.7 | 7.2  |
| GEISHA (DPPP818)          | 5.3 | 7.0 | 8.0 | 8.0 | 7.0 | 7.3 | 8.0 | 7.2  |
| A05-361                   | 4.7 | 7.0 | 8.0 | 8.0 | 7.3 | 7.3 | 7.3 | 7.1  |
| ARAMINTHA (PP 10847)      | 5.3 | 5.7 | 8.0 | 8.0 | 7.7 | 7.7 | 7.7 | 7.1  |
| BLUE NOTE                 | 5.3 | 6.3 | 7.7 | 8.0 | 7.7 | 7.7 | 7.3 | 7.1  |
| MERLOT (LTP-08-6)         | 5.7 | 6.3 | 7.3 | 8.0 | 7.7 | 7.3 | 7.7 | 7.1  |
| PICK MP07                 | 5.3 | 6.0 | 7.3 | 7.7 | 8.0 | 8.0 | 7.7 | 7.1  |
| SRX 466                   | 5.3 | 7.0 | 8.0 | 7.7 | 7.0 | 7.7 | 7.0 | 7.1  |
| A00-2882                  | 5.7 | 6.7 | 8.0 | 7.7 | 6.7 | 7.3 | 7.3 | 7.0  |
| A98-363                   | 5.3 | 6.7 | 7.3 | 7.7 | 6.7 | 7.7 | 7.7 | 7.0  |
| AWARD                     | 5.3 | 5.3 | 7.3 | 8.0 | 7.7 | 8.0 | 7.0 | 7.0  |
| BAR 12PP 612              | 5.3 | 6.3 | 7.7 | 7.7 | 7.3 | 7.7 | 7.0 | 7.0  |
| BAR 8PP 504               | 5.3 | 6.7 | 7.3 | 7.7 | 7.7 | 8.0 | 6.7 | 7.0  |
| BURL 3-51                 | 6.0 | 7.7 | 7.0 | 7.7 | 6.7 | 6.7 | 7.0 | 7.0  |
| J-1770                    | 4.7 | 6.3 | 7.7 | 7.7 | 7.3 | 8.0 | 7.7 | 7.0  |
| KENBLUE                   | 4.7 | 6.3 | 7.7 | 8.0 | 7.3 | 7.7 | 7.3 | 7.0  |
| RAD-1492                  | 5.0 | 6.7 | 7.7 | 8.0 | 7.3 | 7.3 | 7.3 | 7.0  |
| SRX 4338                  | 5.0 | 6.3 | 7.7 | 7.7 | 7.0 | 7.3 | 7.7 | 7.0  |
| WATERWORKS (A05-204)      | 5.7 | 5.7 | 7.3 | 7.7 | 7.3 | 7.7 | 7.3 | 7.0  |
| BAR PP 119327             | 5.7 | 6.7 | 7.0 | 7.3 | 6.7 | 7.3 | 7.3 | 6.9  |
| J-1136                    | 5.7 | 5.7 | 7.3 | 7.7 | 7.0 | 8.0 | 6.7 | 6.9  |
| BLUEBANK (A03-1017)       | 5.7 | 6.7 | 7.3 | 7.3 | 7.0 | 7.0 | 6.7 | 6.8  |
| NU CHICAGO                | 4.7 | 6.7 | 7.3 | 7.7 | 7.0 | 7.7 | 6.7 | 6.8  |
| RAD-849                   | 5.3 | 5.3 | 7.7 | 6.3 | 7.7 | 7.7 | 7.7 | 6.8  |
| A04-38                    | 4.7 | 5.3 | 7.3 | 7.7 | 7.7 | 7.3 | 7.0 | 6.7  |
| ZEDOR (PPH 9131)          | 4.3 | 5.0 | 7.7 | 7.3 | 6.7 | 8.0 | 7.7 | 6.7  |
| A05-329                   | 5.0 | 5.3 | 7.3 | 7.0 | 7.0 | 7.3 | 7.0 | 6.6  |
| A05-360                   | 4.7 | 4.7 | 7.7 | 8.0 | 7.0 | 7.3 | 7.0 | 6.6  |
| BURL 06-11                | 5.0 | 6.7 | 6.7 | 6.7 | 6.3 | 7.0 | 7.7 | 6.6  |
| CABERNET                  | 5.3 | 5.3 | 7.3 | 7.3 | 6.3 | 7.7 | 6.7 | 6.6  |
| J-1853                    | 4.0 | 6.0 | 7.7 | 7.7 | 6.3 | 7.7 | 7.0 | 6.6  |
| PICK 4340                 | 5.3 | 5.0 | 7.0 | 7.0 | 7.0 | 7.7 | 7.3 | 6.6  |
| MAZAMA (A04-74)           | 5.3 | 5.7 | 7.0 | 7.3 | 6.3 | 6.7 | 7.0 | 6.5  |
| OASIS (A98-344)           | 4.7 | 5.3 | 7.3 | 7.7 | 6.7 | 7.0 | 7.0 | 6.5  |
| PST-K4-3                  | 5.0 | 5.3 | 7.3 | 6.7 | 7.0 | 7.0 | 7.3 | 6.5  |
| SRX 2758                  | 4.7 | 6.3 | 7.0 | 7.3 | 6.3 | 6.7 | 7.0 | 6.5  |
| BAR PP 110358             | 5.0 | 7.0 | 7.0 | 6.7 | 6.0 | 6.7 | 6.7 | 6.4  |
| BAR VV 112916             | 5.0 | 7.0 | 7.0 | 6.7 | 5.3 | 6.7 | 7.0 | 6.4  |
| EMPIRE                    | 4.3 | 7.3 | 7.0 | 6.7 | 6.0 | 6.7 | 7.0 | 6.4  |
| JACKRABBIT (PST-K10-106D) | 5.7 | 7.0 | 7.0 | 7.0 | 5.7 | 6.3 | 6.3 | 6.4  |
| RUSH                      | 5.3 | 6.0 | 7.0 | 7.7 | 6.0 | 7.0 | 6.0 | 6.4  |
| BARON                     | 5.3 | 5.3 | 7.0 | 6.7 | 6.3 | 6.3 | 7.0 | 6.3  |

TABLE 18. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
(CONT'D) GROWN UNDER ORGANIC MAINTENANCE AT GUELPH (CANADA), ON 1/  
2015 DATA

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

| NAME                       | APR  | MAY  | JUN  | JUL | AUG  | SEP | OCT | MEAN |
|----------------------------|------|------|------|-----|------|-----|-----|------|
| PICK 033                   | 5.0  | 4.7  | 7.3  | 7.0 | 6.7  | 6.7 | 6.7 | 6.3  |
| PICK TD9                   | 5.0  | 6.7  | 7.3  | 6.7 | 5.7  | 6.0 | 7.0 | 6.3  |
| RUBIX (4S2W)               | 5.3  | 6.0  | 6.7  | 6.7 | 5.7  | 7.0 | 6.7 | 6.3  |
| SUDDEN IMPACT              | 4.7  | 5.3  | 7.0  | 7.3 | 6.3  | 7.3 | 6.3 | 6.3  |
| A05-TB-382                 | 5.0  | 5.7  | 6.3  | 7.0 | 6.3  | 6.3 | 7.0 | 6.2  |
| BAR PP 119326              | 5.3  | 5.3  | 6.0  | 7.0 | 6.0  | 6.7 | 7.0 | 6.2  |
| LEGEND (A10-1)             | 4.7  | 5.3  | 7.0  | 6.3 | 6.3  | 6.7 | 7.0 | 6.2  |
| PST-K9-90                  | 5.0  | 6.3  | 7.3  | 6.3 | 5.7  | 6.3 | 6.3 | 6.2  |
| RAD-507                    | 5.7  | 6.3  | 6.3  | 6.0 | 5.7  | 6.3 | 6.3 | 6.1  |
| A06-46                     | 4.0  | 6.0  | 6.3  | 6.7 | 5.7  | 6.3 | 6.7 | 6.0  |
| AVID                       | 4.3  | 6.0  | 6.7  | 6.3 | 5.3  | 6.0 | 7.0 | 6.0  |
| BLUE COAT (AKB 2282)       | 5.0  | 6.7  | 6.0  | 5.3 | 5.0  | 6.7 | 7.0 | 6.0  |
| ZINGER (A05-306)           | 4.0  | 6.0  | 6.3  | 6.7 | 5.3  | 6.3 | 7.0 | 6.0  |
| MIDNIGHT                   | 5.3  | 5.3  | 6.0  | 5.7 | 5.3  | 6.3 | 7.0 | 5.9  |
| PICK TD8                   | 5.0  | 6.3  | 5.7  | 5.3 | 4.7  | 7.0 | 7.0 | 5.9  |
| 3733                       | 5.3  | 5.7  | 6.3  | 6.0 | 5.3  | 6.0 | 6.0 | 5.8  |
| A04-36                     | 5.3  | 5.7  | 6.3  | 5.7 | 5.3  | 6.0 | 6.0 | 5.8  |
| AKB 2555                   | 5.0  | 5.7  | 6.3  | 6.0 | 4.7  | 6.0 | 6.7 | 5.8  |
| SKYE                       | 4.7  | 6.0  | 6.0  | 5.7 | 4.7  | 6.7 | 7.0 | 5.8  |
| LUNAR (PST-07-261)         | 4.7  | 5.3  | 6.3  | 5.7 | 5.3  | 6.0 | 6.3 | 5.7  |
| PST-K9-99                  | 4.3  | 5.7  | 6.0  | 5.3 | 4.7  | 7.0 | 6.7 | 5.7  |
| A06-47                     | 5.3  | 5.3  | 5.7  | 5.3 | 4.7  | 6.0 | 7.0 | 5.6  |
| BARVETTE HGT (BAR VV 0709) | 5.0  | 5.3  | 6.0  | 6.0 | 5.0  | 6.0 | 6.0 | 5.6  |
| A01-1106                   | 5.7  | 5.7  | 6.0  | 5.0 | 4.7  | 5.7 | 6.0 | 5.5  |
| A00-4199                   | 4.7  | 5.3  | 5.7  | 5.3 | 4.7  | 6.0 | 6.0 | 5.4  |
| A06-26                     | 5.0  | 5.0  | 5.3  | 5.3 | 4.0  | 6.3 | 6.3 | 5.3  |
| BAR VV 118532              | 4.7  | 5.0  | 5.3  | 4.7 | 4.7  | 6.0 | 7.0 | 5.3  |
| DAUNTLESS (A05-315)        | 5.0  | 5.3  | 5.7  | 5.0 | 5.3  | 5.3 | 5.7 | 5.3  |
| PST-K9-97                  | 4.7  | 5.3  | 5.3  | 5.0 | 4.7  | 6.0 | 6.0 | 5.3  |
| THERMAL BLUE               | 4.3  | 5.0  | 5.7  | 5.7 | 4.3  | 5.7 | 6.3 | 5.3  |
| ENDURANCE (PST-K4-7)       | 5.0  | 5.0  | 5.7  | 4.7 | 4.7  | 5.7 | 5.0 | 5.1  |
| SHAMROCK                   | 5.0  | 4.7  | 5.3  | 5.0 | 5.3  | 5.0 | 5.7 | 5.1  |
| SRX 5321                   | 4.7  | 5.0  | 5.0  | 5.0 | 4.3  | 6.0 | 6.0 | 5.1  |
| A05-999                    | 4.7  | 4.7  | 5.3  | 5.0 | 4.7  | 5.3 | 5.3 | 5.0  |
| ARROWHEAD                  | 4.3  | 4.7  | 5.0  | 4.3 | 4.3  | 6.0 | 6.3 | 5.0  |
| PST-T10-18                 | 4.3  | 4.7  | 5.3  | 4.7 | 4.3  | 5.3 | 5.7 | 4.9  |
| BLACKJACK                  | 3.7  | 4.0  | 4.3  | 4.3 | 3.7  | 5.0 | 5.3 | 4.3  |
| LSD VALUE                  | 1.8  | 1.4  | 1.1  | 0.9 | 0.9  | 1.0 | 0.9 | 0.6  |
| C.V. (%)                   | 13.9 | 13.4 | 10.4 | 8.9 | 10.1 | 8.8 | 8.3 | 6.4  |

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

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

TABLE 19.

GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2015 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

| NAME                      | IA1 | IL1 | IN1 | KS1 | MN1 | NJ2 | OK1 | TN1 | UT1 | WA1 | WI1 | MEAN |
|---------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| NU CHICAGO                | 8.3 | 7.0 | 8.3 | 8.7 | 7.7 | 8.3 | 7.3 | 8.7 | 7.0 | 8.3 | 7.7 | 7.9  |
| J-1136                    | 8.7 | 6.0 | 8.7 | 8.7 | 7.3 | 8.3 | 7.3 | 8.7 | 7.0 | 8.3 | 7.7 | 7.9  |
| J-1853                    | 8.7 | 6.3 | 8.3 | 9.0 | 7.3 | 8.0 | 7.3 | 8.7 | 7.3 | 8.3 | 7.3 | 7.9  |
| BLUEBANK (A03-1017)       | 8.3 | 6.7 | 8.0 | 8.7 | 6.3 | 8.3 | 7.7 | 8.7 | 8.0 | 8.0 | 7.7 | 7.8  |
| J-1770                    | 8.0 | 6.3 | 8.3 | 9.0 | 7.0 | 8.3 | 7.0 | 8.3 | 7.7 | 8.7 | 7.3 | 7.8  |
| BURL 3-51                 | 8.0 | 7.0 | 8.0 | 9.0 | 8.0 | 7.7 | 7.0 | 8.0 | 7.0 | 8.7 | 7.0 | 7.8  |
| RAD-1492                  | 7.0 | 6.0 | 7.3 | 9.0 | 7.7 | 8.0 | 8.0 | 8.0 | 8.3 | 8.7 | 7.3 | 7.8  |
| SUDDEN IMPACT             | 8.3 | 6.7 | 8.3 | 9.0 | 6.7 | 7.7 | 7.0 | 8.3 | 7.3 | 8.3 | 7.3 | 7.7  |
| MIDNIGHT                  | 8.3 | 6.3 | 7.0 | 8.7 | 7.3 | 8.3 | 7.0 | 8.3 | 7.7 | 8.7 | 7.0 | 7.7  |
| MAZAMA (A04-74)           | 7.7 | 6.0 | 8.0 | 9.0 | 7.3 | 8.3 | 6.0 | 8.0 | 8.0 | 8.0 | 8.0 | 7.7  |
| BLUE COAT (AKB 2282)      | 7.7 | 6.7 | 7.7 | 8.7 | 8.3 | 7.3 | 6.0 | 8.3 | 6.7 | 9.0 | 7.3 | 7.6  |
| LEGEND (A10-1)            | 7.3 | 7.0 | 8.0 | 8.7 | 9.0 | 8.0 | 6.3 | 8.0 | 6.0 | 8.3 | 7.0 | 7.6  |
| OASIS (A98-344)           | 7.7 | 6.3 | 7.7 | 8.7 | 8.0 | 8.3 | 6.7 | 7.7 | 6.7 | 8.7 | 7.3 | 7.6  |
| AWARD                     | 7.7 | 6.3 | 8.0 | 8.7 | 6.7 | 8.0 | 6.7 | 8.0 | 8.0 | 8.3 | 7.3 | 7.6  |
| LUNAR (PST-07-261)        | 7.7 | 6.3 | 7.3 | 8.7 | 8.0 | 7.7 | 8.0 | 8.0 | 6.0 | 8.3 | 7.3 | 7.6  |
| EMPIRE                    | 7.7 | 6.3 | 8.0 | 8.7 | 7.7 | 7.3 | 6.7 | 7.7 | 7.0 | 8.0 | 7.3 | 7.5  |
| PST-K9-90                 | 7.7 | 6.0 | 8.3 | 9.0 | 6.7 | 6.7 | 5.7 | 8.0 | 8.7 | 8.3 | 7.0 | 7.5  |
| KEENELAND (A04-342)       | 7.3 | 6.7 | 7.7 | 9.0 | 7.0 | 6.7 | 6.3 | 8.0 | 7.3 | 8.7 | 6.3 | 7.4  |
| MERLOT (LTP-08-6)         | 7.3 | 6.3 | 7.7 | 8.3 | 7.0 | 8.0 | 6.7 | 8.0 | 6.0 | 8.0 | 7.3 | 7.3  |
| WATERWORKS (A05-204)      | 7.3 | 6.0 | 7.7 | 8.3 | 8.0 | 7.0 | 6.7 | 8.0 | 4.3 | 9.0 | 7.7 | 7.3  |
| A00-2882                  | 7.0 | 6.0 | 5.3 | 8.3 | 7.0 | 7.0 | 7.3 | 8.0 | 8.0 | 8.0 | 7.0 | 7.2  |
| PICK 4340                 | 7.3 | 6.3 | 8.0 | 8.0 | 6.3 | 6.7 | 7.0 | 7.7 | 7.0 | 8.0 | 6.7 | 7.2  |
| RUSH                      | 7.7 | 6.0 | 8.0 | 9.0 | 6.0 | 6.0 | 6.7 | 8.0 | 5.7 | 7.7 | 8.0 | 7.2  |
| AVID                      | 7.3 | 6.3 | 8.3 | 8.7 | 6.0 | 6.7 | 6.7 | 8.0 | 5.0 | 8.3 | 7.3 | 7.2  |
| ENDURANCE (PST-K4-7)      | 7.0 | 6.7 | 7.0 | 8.0 | 7.0 | 6.0 | 7.0 | 8.0 | 7.0 | 7.7 | 7.0 | 7.1  |
| A01-1106                  | 7.0 | 6.3 | 6.7 | 8.7 | 5.0 | 6.7 | 7.3 | 8.0 | 7.0 | 8.0 | 7.7 | 7.1  |
| A05-329                   | 7.3 | 6.3 | 6.7 | 8.3 | 6.0 | 5.3 | 6.3 | 8.3 | 7.0 | 8.3 | 8.3 | 7.1  |
| A06-26                    | 6.0 | 6.3 | 7.0 | 8.0 | 7.3 | 6.7 | 7.0 | 8.0 | 6.0 | 8.0 | 7.3 | 7.1  |
| PST-K4-3                  | 8.3 | 5.7 | 8.0 | 9.0 | 6.7 | 5.0 | 5.7 | 8.0 | 6.7 | 7.7 | 7.0 | 7.1  |
| PICK TD8                  | 7.3 | 6.3 | 6.7 | 8.3 | 7.3 | 6.7 | 6.3 | 8.0 | 5.0 | 8.0 | 6.7 | 7.0  |
| ARROWHEAD                 | 6.7 | 6.0 | 7.3 | 8.3 | 7.3 | 5.7 | 6.7 | 8.0 | 5.7 | 8.0 | 7.0 | 7.0  |
| SRX 2758                  | 8.0 | 6.3 | 6.0 | 8.3 | 6.3 | 6.7 | 6.0 | 8.0 | 5.7 | 7.7 | 7.3 | 6.9  |
| PST-K9-97                 | 6.7 | 6.0 | 6.7 | 9.0 | 5.0 | 5.3 | 6.7 | 8.3 | 6.0 | 8.3 | 8.0 | 6.9  |
| A06-46                    | 7.7 | 5.0 | 6.3 | 8.0 | 5.3 | 7.0 | 6.3 | 8.0 | 8.0 | 7.3 | 6.7 | 6.9  |
| SRX 466                   | 7.7 | 5.3 | 6.3 | 8.0 | 7.0 | 6.3 | 6.0 | 8.7 | 5.7 | 8.3 | 6.3 | 6.9  |
| JACKRABBIT (PST-K10-106D) | 7.3 | 5.7 | 7.0 | 8.0 | 4.7 | 5.7 | 6.7 | 8.0 | 6.0 | 7.7 | 7.7 | 6.8  |
| PICK 033                  | 7.0 | 6.0 | 5.7 | 8.0 | 6.3 | 6.3 | 5.0 | 8.3 | 7.0 | 7.7 | 6.7 | 6.7  |
| SRX 4338                  | 6.0 | 5.0 | 7.0 | 7.7 | 6.3 | 5.7 | 6.3 | 8.0 | 6.7 | 8.3 | 6.3 | 6.7  |
| 3733                      | 6.3 | 6.3 | 6.3 | 8.0 | 6.7 | 5.3 | 6.0 | 7.7 | 5.3 | 8.0 | 6.7 | 6.6  |
| SKYE                      | 7.0 | 6.0 | 6.7 | 8.0 | 6.7 | 4.0 | 6.7 | 8.0 | 5.7 | 7.7 | 6.3 | 6.6  |
| BAR 12PP 612              | 6.3 | 6.7 | 6.7 | 7.7 | 4.3 | 5.7 | 6.7 | 8.0 | 5.7 | 7.3 | 7.3 | 6.6  |
| A05-361                   | 6.7 | 5.7 | 7.0 | 7.7 | 6.3 | 5.7 | 6.3 | 7.7 | 4.7 | 7.7 | 6.3 | 6.5  |
| AKB 2555                  | 6.7 | 6.3 | 6.3 | 7.3 | 5.3 | 5.0 | 6.3 | 7.7 | 5.0 | 7.7 | 7.7 | 6.5  |
| A00-4199                  | 7.0 | 5.7 | 6.0 | 7.3 | 6.0 | 4.7 | 6.0 | 8.0 | 5.7 | 7.3 | 7.3 | 6.5  |
| BARON                     | 7.3 | 6.0 | 6.3 | 7.7 | 4.3 | 6.3 | 5.7 | 8.0 | 5.3 | 7.3 | 6.7 | 6.5  |
| A05-TB-382                | 7.0 | 6.0 | 5.0 | 7.0 | 5.3 | 6.3 | 5.3 | 8.3 | 5.7 | 8.0 | 6.7 | 6.4  |

TABLE 19. (CONT'D)

GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2015 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

| NAME                       | IA1  | IL1  | IN1  | KS1 | MN1  | NJ2  | OK1 | TN1 | UT1  | WA1 | WI1  | MEAN |
|----------------------------|------|------|------|-----|------|------|-----|-----|------|-----|------|------|
| RAD-507                    | 7.7  | 5.0  | 6.0  | 8.0 | 6.3  | 4.3  | 6.3 | 7.7 | 5.3  | 8.0 | 5.7  | 6.4  |
| BLACKJACK                  | 7.3  | 4.7  | 5.7  | 7.7 | 4.0  | 5.7  | 6.0 | 8.0 | 5.0  | 8.3 | 7.3  | 6.3  |
| GEISHA (DPPP818)           | 7.0  | 5.3  | 6.0  | 7.7 | 4.7  | 6.0  | 6.0 | 7.3 | 4.3  | 7.0 | 8.0  | 6.3  |
| PICK TD9                   | 6.7  | 5.7  | 5.0  | 7.7 | 6.0  | 6.0  | 5.7 | 7.7 | 5.3  | 7.0 | 6.7  | 6.3  |
| A04-38                     | 7.3  | 6.7  | 7.3  | 7.3 | 5.7  | 3.3  | 6.3 | 7.7 | 4.3  | 7.0 | 5.7  | 6.2  |
| A05-360                    | 6.0  | 5.0  | 6.3  | 7.7 | 5.0  | 5.7  | 5.0 | 8.0 | 6.0  | 7.3 | 6.7  | 6.2  |
| A98-363                    | 6.3  | 6.3  | 5.3  | 7.7 | 6.0  | 4.3  | 5.7 | 7.3 | 5.3  | 7.3 | 6.7  | 6.2  |
| CABERNET                   | 8.0  | 5.3  | 5.7  | 7.7 | 6.0  | 3.7  | 5.7 | 7.7 | 5.0  | 7.7 | 6.0  | 6.2  |
| BLUE NOTE                  | 6.0  | 5.7  | 6.3  | 8.0 | 5.7  | 4.7  | 6.7 | 8.3 | 4.0  | 6.7 | 6.0  | 6.2  |
| A06-47                     | 6.7  | 6.0  | 5.7  | 7.7 | 4.3  | 4.3  | 5.7 | 7.7 | 5.7  | 7.3 | 6.7  | 6.2  |
| RUBIX (4S2W)               | 6.0  | 6.3  | 6.7  | 8.0 | 4.0  | 6.3  | 6.0 | 7.7 | 3.3  | 7.0 | 6.3  | 6.2  |
| BURL 06-11                 | 6.7  | 5.7  | 6.7  | 8.3 | 6.0  | 4.3  | 5.3 | 7.3 | 3.3  | 8.0 | 5.7  | 6.1  |
| SHAMROCK                   | 6.3  | 5.7  | 5.7  | 8.0 | 5.3  | 5.3  | 5.3 | 7.7 | 4.0  | 7.3 | 6.7  | 6.1  |
| A05-999                    | 7.3  | 5.3  | 6.3  | 8.3 | 4.0  | 4.0  | 5.3 | 8.0 | 5.7  | 6.7 | 6.3  | 6.1  |
| RAD-849                    | 6.0  | 5.3  | 5.0  | 7.3 | 5.0  | 5.0  | 6.0 | 8.0 | 5.3  | 7.3 | 6.7  | 6.1  |
| AMERICA                    | 6.3  | 4.3  | 6.0  | 8.0 | 5.0  | 5.3  | 5.7 | 7.3 | 4.3  | 7.0 | 7.0  | 6.0  |
| BARDUKE                    | 6.3  | 5.7  | 5.7  | 7.0 | 4.3  | 5.0  | 5.7 | 7.3 | 5.0  | 7.3 | 6.3  | 6.0  |
| A04-36                     | 6.3  | 5.7  | 6.3  | 7.7 | 5.3  | 4.0  | 5.7 | 7.7 | 4.0  | 7.7 | 5.3  | 6.0  |
| DAUNTLESS (A05-315)        | 6.7  | 5.7  | 5.7  | 7.3 | 3.7  | 4.3  | 6.0 | 7.7 | 4.0  | 7.0 | 6.0  | 5.8  |
| SRX 5321                   | 6.7  | 5.7  | 6.3  | 6.7 | 6.3  | 2.7  | 6.7 | 6.7 | 3.3  | 7.0 | 6.0  | 5.8  |
| H99-1653                   | 6.3  | 5.0  | 5.0  | 7.0 | 4.0  | 5.0  | 6.7 | 7.7 | 3.0  | 7.3 | 6.3  | 5.8  |
| BAR VV 112916              | 7.0  | 5.0  | 5.0  | 7.3 | 5.0  | 5.0  | 5.3 | 7.3 | 4.0  | 6.3 | 5.3  | 5.7  |
| PST-K9-99                  | 6.3  | 4.7  | 6.0  | 7.3 | 3.3  | 4.3  | 5.7 | 8.0 | 4.0  | 5.7 | 7.3  | 5.7  |
| BAR PP 119327              | 6.3  | 5.0  | 6.3  | 7.0 | 2.3  | 4.0  | 6.0 | 7.7 | 3.0  | 6.7 | 8.0  | 5.7  |
| BAR PP 119326              | 6.3  | 4.7  | 5.3  | 7.7 | 4.0  | 3.0  | 6.3 | 7.7 | 4.0  | 7.7 | 5.3  | 5.6  |
| PICK MPO7                  | 7.0  | 5.0  | 6.3  | 7.3 | 4.0  | 2.7  | 5.3 | 8.0 | 4.3  | 6.0 | 6.0  | 5.6  |
| ZINGER (A05-306)           | 6.0  | 5.3  | 6.7  | 7.7 | 2.3  | 3.7  | 5.7 | 8.0 | 3.7  | 6.3 | 6.0  | 5.6  |
| BAR VV 118532              | 6.7  | 5.3  | 6.0  | 6.3 | 5.0  | 4.7  | 4.7 | 7.7 | 2.7  | 6.3 | 5.7  | 5.5  |
| ZEDOR (PPH 9131)           | 7.3  | 5.0  | 5.7  | 7.3 | 1.7  | 3.3  | 5.3 | 6.7 | 4.3  | 6.7 | 7.7  | 5.5  |
| THERMAL BLUE               | 6.3  | 5.3  | 5.3  | 7.3 | 4.0  | 3.0  | 5.7 | 7.7 | 3.3  | 6.7 | 5.7  | 5.5  |
| BAR PP 110358              | 7.3  | 4.7  | 4.7  | 7.0 | 5.3  | 3.7  | 4.3 | 7.7 | 3.3  | 6.7 | 5.3  | 5.5  |
| PST-T10-18                 | 6.3  | 5.3  | 4.3  | 7.0 | 4.3  | 3.3  | 5.7 | 8.0 | 2.7  | 6.7 | 5.3  | 5.4  |
| BAR 8PP 504                | 7.0  | 5.0  | 5.0  | 7.0 | 2.3  | 2.3  | 5.0 | 7.7 | 4.7  | 6.0 | 6.7  | 5.3  |
| KENBLUE                    | 6.7  | 5.3  | 4.7  | 7.0 | 4.3  | 4.7  | 4.7 | 7.3 | 2.7  | 6.0 | 4.0  | 5.2  |
| ARAMINTHA (PP 10847)       | 6.7  | 4.3  | 5.7  | 7.3 | 2.0  | 2.0  | 5.3 | 7.7 | 2.7  | 5.0 | 6.3  | 5.0  |
| BARVETTE HGT (BAR VV 0709) | 6.3  | 4.3  | 4.7  | 7.0 | 3.0  | 2.3  | 5.0 | 7.3 | 3.7  | 6.7 | 4.7  | 5.0  |
| LSD VALUE                  | 1.3  | 1.2  | 1.1  | 1.0 | 1.9  | 1.7  | 0.9 | 0.8 | 1.4  | 0.9 | 1.2  | 0.4  |
| C.V. (%)                   | 11.0 | 13.4 | 10.6 | 7.5 | 21.0 | 18.7 | 9.5 | 6.4 | 15.5 | 7.8 | 10.8 | 11.9 |

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

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

TABLE 20.

 SPRING GREENUP RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
 2015 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

| NAME                       | IL1 | IN1 | KS1 | MI1 | MN1 | NJ1 | NJ2 | UT1 | WA1 | MEAN |
|----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| A05-360                    | 6.0 | 6.7 | 7.0 | 5.5 | 6.0 | 7.7 | 7.3 | 6.3 | 6.3 | 6.5  |
| BAR VV 112916              | 7.3 | 3.7 | 6.0 | 5.3 | 7.0 | 8.7 | 8.0 | 6.7 | 6.0 | 6.5  |
| RUBIX (4S2W)               | 6.3 | 5.3 | 7.7 | 4.7 | 5.0 | 8.3 | 6.7 | 6.3 | 7.3 | 6.4  |
| A05-361                    | 5.3 | 5.7 | 7.3 | 5.0 | 5.7 | 7.7 | 6.0 | 7.7 | 6.0 | 6.3  |
| ARROWHEAD                  | 6.0 | 5.0 | 8.7 | 5.3 | 5.3 | 6.3 | 6.0 | 6.3 | 7.0 | 6.2  |
| PST-T10-18                 | 6.3 | 4.3 | 6.0 | 4.3 | 6.7 | 8.0 | 6.7 | 6.7 | 6.7 | 6.2  |
| H99-1653                   | 6.0 | 4.0 | 6.7 | 4.7 | 5.7 | 8.0 | 7.0 | 6.3 | 6.7 | 6.1  |
| BARVETTE HGT (BAR VV 0709) | 5.7 | 3.0 | 5.3 | 5.0 | 6.0 | 9.0 | 8.3 | 5.7 | 6.3 | 6.0  |
| KENBLUE                    | 6.0 | 3.0 | 5.7 | 5.0 | 6.7 | 8.7 | 7.3 | 6.3 | 5.3 | 6.0  |
| CABERNET                   | 6.0 | 4.3 | 7.0 | 5.0 | 6.0 | 6.3 | 6.7 | 6.7 | 6.0 | 6.0  |
| SRX 466                    | 5.7 | 6.0 | 7.7 | 4.3 | 6.0 | 6.7 | 6.0 | 6.0 | 5.0 | 5.9  |
| SHAMROCK                   | 6.3 | 6.3 | 7.7 | 4.0 | 5.7 | 6.7 | 5.0 | 6.0 | 5.3 | 5.9  |
| A05-TB-382                 | 6.7 | 3.3 | 7.0 | 5.3 | 5.7 | 7.0 | 5.7 | 6.7 | 5.7 | 5.9  |
| PST-K9-97                  | 6.0 | 6.0 | 8.7 | 5.0 | 4.7 | 6.0 | 5.0 | 6.0 | 5.3 | 5.9  |
| BURL 06-11                 | 6.0 | 4.3 | 7.0 | 5.0 | 5.3 | 5.7 | 6.7 | 6.3 | 5.7 | 5.8  |
| BAR PP 110358              | 6.7 | 2.3 | 5.7 | 4.5 | 4.7 | 8.7 | 7.7 | 5.7 | 6.0 | 5.8  |
| EMPIRE                     | 6.7 | 6.7 | 7.3 | 4.7 | 5.0 | 4.0 | 5.0 | 6.0 | 6.3 | 5.7  |
| DAUNTLESS (A05-315)        | 5.3 | 4.7 | 7.0 | 4.3 | 5.0 | 6.3 | 6.0 | 6.7 | 6.3 | 5.7  |
| A01-1106                   | 7.0 | 6.0 | 7.0 | 4.3 | 4.7 | 6.3 | 4.7 | 6.0 | 5.3 | 5.7  |
| A05-999                    | 5.3 | 4.7 | 7.3 | 4.0 | 6.0 | 7.3 | 6.0 | 5.3 | 5.3 | 5.7  |
| A00-2882                   | 5.7 | 5.7 | 8.0 | 5.3 | 5.0 | 6.3 | 4.7 | 5.0 | 5.7 | 5.7  |
| RAD-849                    | 6.0 | 4.0 | 7.0 | 4.5 | 5.0 | 5.0 | 7.0 | 6.3 | 6.3 | 5.7  |
| A04-36                     | 5.7 | 5.3 | 7.7 | 4.5 | 5.7 | 5.7 | 5.7 | 6.3 | 4.7 | 5.7  |
| BAR 12PP 612               | 6.3 | 4.7 | 7.7 | 4.7 | 4.3 | 5.7 | 5.3 | 6.0 | 6.3 | 5.7  |
| JACKRABBIT (PST-K10-106D)  | 6.3 | 6.3 | 7.3 | 4.7 | 4.7 | 5.7 | 5.3 | 6.0 | 4.7 | 5.7  |
| SRX 2758                   | 6.0 | 4.3 | 6.7 | 5.0 | 5.3 | 6.0 | 5.7 | 7.0 | 5.0 | 5.7  |
| PST-K4-3                   | 6.0 | 5.0 | 8.7 | 4.3 | 5.0 | 4.7 | 6.0 | 5.3 | 5.3 | 5.6  |
| SKYE                       | 5.3 | 3.3 | 8.7 | 5.0 | 5.0 | 6.3 | 5.3 | 6.0 | 5.3 | 5.6  |
| A06-46                     | 5.7 | 4.0 | 8.3 | 4.7 | 4.7 | 6.7 | 4.7 | 6.3 | 5.0 | 5.6  |
| BAR VV 118532              | 6.0 | 4.3 | 6.0 | 5.3 | 4.0 | 5.7 | 5.7 | 6.0 | 7.0 | 5.6  |
| THERMAL BLUE               | 6.3 | 3.7 | 7.0 | 4.7 | 5.3 | 5.7 | 5.3 | 5.7 | 6.3 | 5.6  |
| A98-363                    | 5.7 | 4.3 | 7.3 | 5.0 | 4.7 | 5.7 | 5.7 | 5.7 | 6.0 | 5.6  |
| PICK TD8                   | 5.3 | 3.7 | 8.0 | 4.3 | 4.7 | 6.0 | 5.3 | 6.3 | 6.0 | 5.5  |
| OASIS (A98-344)            | 5.0 | 4.7 | 7.0 | 4.7 | 5.0 | 4.0 | 5.0 | 7.7 | 6.3 | 5.5  |
| A06-47                     | 5.3 | 4.3 | 7.0 | 4.3 | 4.3 | 6.3 | 6.3 | 6.0 | 5.3 | 5.5  |
| PICK 033                   | 6.0 | 3.7 | 5.7 | 5.0 | 4.7 | 6.7 | 6.7 | 5.3 | 5.3 | 5.4  |
| BLUE NOTE                  | 5.3 | 4.0 | 7.3 | 4.3 | 4.7 | 6.3 | 4.7 | 6.3 | 6.0 | 5.4  |
| A04-38                     | 5.7 | 5.3 | 8.3 | 5.0 | 3.0 | 5.3 | 4.7 | 6.0 | 5.3 | 5.4  |
| LEGEND (A10-1)             | 5.0 | 6.0 | 8.7 | 5.3 | 5.0 | 3.7 | 4.7 | 6.0 | 4.3 | 5.4  |
| PICK MP07                  | 6.0 | 4.0 | 7.0 | 4.3 | 5.3 | 6.0 | 5.7 | 5.0 | 5.0 | 5.4  |
| BAR 8PP 504                | 5.3 | 3.3 | 7.0 | 4.5 | 4.7 | 5.7 | 5.7 | 5.7 | 6.3 | 5.4  |
| ENDURANCE (PST-K4-7)       | 5.0 | 4.0 | 8.3 | 5.0 | 4.7 | 5.0 | 5.0 | 6.0 | 4.7 | 5.3  |
| MERLOT (LTP-08-6)          | 5.7 | 3.3 | 8.0 | 4.5 | 4.7 | 3.7 | 5.0 | 7.3 | 5.3 | 5.3  |
| A05-329                    | 5.3 | 5.0 | 8.0 | 4.5 | 3.7 | 4.0 | 4.0 | 7.0 | 6.0 | 5.3  |
| BURL 3-51                  | 5.3 | 5.0 | 7.7 | 5.7 | 4.7 | 4.0 | 4.0 | 6.0 | 5.0 | 5.3  |
| RAD-1492                   | 5.3 | 4.0 | 9.0 | 5.3 | 4.3 | 3.7 | 5.0 | 5.7 | 4.7 | 5.2  |

TABLE 20. (CONT'D)

SPRING GREENUP RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2015 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

| NAME                 | IL1  | IN1  | KS1  | MI1  | MN1  | NJ1  | NJ2  | UT1  | WA1  | MEAN |
|----------------------|------|------|------|------|------|------|------|------|------|------|
| PST-K9-99            | 4.7  | 4.0  | 8.0  | 5.0  | 3.3  | 4.7  | 4.7  | 7.0  | 5.3  | 5.2  |
| 3733                 | 5.7  | 4.7  | 8.0  | 4.0  | 5.7  | 4.7  | 4.3  | 5.7  | 3.7  | 5.1  |
| MAZAMA (A04-74)      | 5.3  | 5.0  | 8.0  | 4.7  | 3.7  | 2.7  | 5.0  | 7.0  | 5.0  | 5.1  |
| WATERWORKS (A05-204) | 4.7  | 4.7  | 8.3  | 4.3  | 4.3  | 3.0  | 5.0  | 6.7  | 5.0  | 5.1  |
| AMERICA              | 5.3  | 4.0  | 7.7  | 4.7  | 4.3  | 3.7  | 5.0  | 6.3  | 4.7  | 5.1  |
| LUNAR (PST-07-261)   | 5.7  | 2.7  | 8.0  | 5.0  | 4.0  | 5.0  | 5.0  | 5.7  | 4.3  | 5.0  |
| PICK TD9             | 6.0  | 3.0  | 6.0  | 4.3  | 3.3  | 5.3  | 5.7  | 6.3  | 5.3  | 5.0  |
| RAD-507              | 5.3  | 4.0  | 7.3  | 4.7  | 4.3  | 3.3  | 5.3  | 6.0  | 5.0  | 5.0  |
| AVID                 | 6.0  | 5.0  | 7.7  | 4.7  | 4.7  | 2.7  | 3.7  | 6.7  | 4.0  | 5.0  |
| BLACKJACK            | 5.7  | 4.3  | 7.3  | 4.3  | 4.0  | 5.3  | 3.7  | 5.3  | 5.0  | 5.0  |
| ZINGER (A05-306)     | 4.3  | 4.3  | 7.0  | 4.0  | 4.3  | 4.0  | 5.3  | 5.7  | 6.0  | 5.0  |
| BAR PP 119327        | 4.7  | 3.7  | 7.0  | 5.0  | 4.3  | 3.3  | 4.7  | 6.3  | 5.7  | 5.0  |
| SRX 4338             | 4.7  | 2.7  | 8.7  | 4.0  | 4.0  | 5.0  | 4.3  | 5.7  | 5.7  | 5.0  |
| KEENELAND (A04-342)  | 5.3  | 3.0  | 8.7  | 4.0  | 5.3  | 3.0  | 4.0  | 5.7  | 5.7  | 5.0  |
| PICK 4340            | 4.7  | 3.7  | 8.7  | 4.3  | 4.3  | 3.0  | 4.7  | 5.7  | 5.7  | 5.0  |
| BAR PP 119326        | 5.7  | 3.3  | 6.3  | 4.7  | 4.3  | 3.7  | 5.0  | 5.7  | 5.7  | 4.9  |
| A06-26               | 4.7  | 3.7  | 7.7  | 4.3  | 3.7  | 4.0  | 4.3  | 6.3  | 5.3  | 4.9  |
| BARDUKE              | 5.7  | 4.0  | 7.0  | 5.0  | 3.3  | 2.7  | 5.0  | 6.3  | 5.0  | 4.9  |
| ZEDOR (PPH 9131)     | 6.0  | 3.7  | 6.3  | 4.3  | 4.0  | 3.0  | 5.0  | 6.0  | 5.0  | 4.8  |
| ARAMINTHA (PP 10847) | 4.7  | 2.0  | 7.0  | 5.0  | 4.0  | 4.0  | 5.0  | 5.0  | 5.3  | 4.7  |
| BARON                | 5.0  | 4.0  | 7.0  | 4.7  | 3.7  | 1.7  | 4.0  | 6.3  | 5.7  | 4.7  |
| SRX 5321             | 4.3  | 3.0  | 7.7  | 4.3  | 2.7  | 5.3  | 3.7  | 6.7  | 4.3  | 4.7  |
| AKB 2555             | 5.3  | 4.0  | 7.7  | 4.7  | 3.0  | 3.7  | 3.7  | 5.7  | 4.0  | 4.6  |
| BLUE COAT (AKB 2282) | 4.7  | 2.3  | 9.0  | 4.7  | 3.0  | 4.0  | 2.3  | 5.7  | 6.0  | 4.6  |
| RUSH                 | 4.0  | 5.0  | 8.3  | 4.0  | 4.3  | 2.7  | 3.0  | 5.0  | 4.3  | 4.5  |
| A00-4199             | 5.0  | 3.0  | 7.3  | 4.7  | 4.0  | 2.0  | 4.0  | 6.0  | 4.7  | 4.5  |
| J-1853               | 4.0  | 5.0  | 9.0  | 4.5  | 3.0  | 2.7  | 3.3  | 5.3  | 3.7  | 4.5  |
| GEISHA (DPPP818)     | 5.7  | 3.7  | 7.7  | 5.0  | 4.0  | 1.0  | 3.7  | 5.0  | 4.7  | 4.5  |
| AWARD                | 4.3  | 4.3  | 8.3  | 4.7  | 4.0  | 4.0  | 2.7  | 4.3  | 3.0  | 4.4  |
| PST-K9-90            | 4.7  | 3.3  | 8.7  | 4.0  | 3.3  | 1.7  | 3.0  | 5.3  | 5.0  | 4.3  |
| MIDNIGHT             | 5.0  | 4.3  | 8.3  | 4.5  | 3.3  | 1.7  | 3.0  | 4.7  | 4.0  | 4.3  |
| NU CHICAGO           | 4.0  | 4.3  | 9.0  | 4.3  | 4.3  | 1.7  | 3.3  | 4.7  | 3.0  | 4.3  |
| SUDDEN IMPACT        | 4.3  | 4.0  | 9.0  | 4.5  | 3.7  | 2.0  | 2.7  | 5.0  | 3.0  | 4.2  |
| BLUEBANK (A03-1017)  | 4.0  | 4.0  | 8.7  | 4.5  | 3.7  | 1.7  | 3.0  | 4.7  | 2.7  | 4.1  |
| J-1136               | 4.7  | 3.3  | 7.7  | 4.7  | 3.3  | 2.0  | 3.0  | 4.3  | 2.7  | 4.0  |
| J-1770               | 4.7  | 3.7  | 7.0  | 4.5  | 3.0  | 1.7  | 2.7  | 4.7  | 3.3  | 3.9  |
| LSD VALUE            | 1.3  | 1.3  | 1.5  | 1.0  | 1.6  | 2.2  | 1.4  | 1.1  | 1.5  | 0.5  |
| C.V. (%)             | 14.5 | 18.6 | 12.5 | 11.8 | 21.6 | 28.5 | 16.8 | 11.3 | 17.2 | 17.2 |

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 21.

LEAF TEXTURE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2015 DATA

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

| NAME                       | IN1 | OK1 | WI1 | MEAN | NAME                      | IN1  | OK1 | WI1  | MEAN |
|----------------------------|-----|-----|-----|------|---------------------------|------|-----|------|------|
| KENBLUE                    | 8.3 | 6.7 | 7.7 | 7.6  | PST-K9-97                 | 6.0  | 6.3 | 4.7  | 5.7  |
| BARVETTE HGT (BAR VV 0709) | 7.7 | 7.3 | 6.7 | 7.2  | RAD-507                   | 6.0  | 6.3 | 4.7  | 5.7  |
| BAR VV 112916              | 8.0 | 6.7 | 6.0 | 6.9  | SKYE                      | 5.7  | 6.3 | 5.0  | 5.7  |
| BLUE NOTE                  | 7.3 | 6.7 | 5.7 | 6.6  | SRX 2758                  | 5.7  | 6.0 | 5.3  | 5.7  |
| PST-T10-18                 | 7.0 | 6.7 | 5.7 | 6.4  | ZINGER (A05-306)          | 6.0  | 6.0 | 5.0  | 5.7  |
| H99-1653                   | 6.0 | 7.0 | 6.0 | 6.3  | BLACKJACK                 | 5.7  | 6.5 | 4.7  | 5.6  |
| RAD-1492                   | 6.3 | 7.0 | 5.7 | 6.3  | A00-2882                  | 5.7  | 6.0 | 5.0  | 5.6  |
| PICK TD9                   | 6.0 | 6.5 | 6.3 | 6.3  | ARAMINTHA (PP 10847)      | 5.7  | 6.0 | 5.0  | 5.6  |
| BAR PP 110358              | 6.3 | 6.7 | 5.7 | 6.2  | MAZAMA (A04-74)           | 6.0  | 7.0 | 3.7  | 5.6  |
| PST-K9-90                  | 5.7 | 7.0 | 6.0 | 6.2  | RUSH                      | 6.0  | 6.0 | 4.7  | 5.6  |
| RUBIX (4S2W)               | 6.3 | 6.3 | 6.0 | 6.2  | SHAMROCK                  | 5.7  | 6.0 | 5.0  | 5.6  |
| SRX 4338                   | 6.3 | 7.0 | 5.3 | 6.2  | SUDDEN IMPACT             | 5.7  | 6.0 | 5.0  | 5.6  |
| PICK 033                   | 6.0 | 6.7 | 5.7 | 6.1  | BARDUKE                   | 6.0  | 6.3 | 4.3  | 5.6  |
| CABERNET                   | 6.3 | 6.7 | 5.3 | 6.1  | A00-4199                  | 6.0  | 6.0 | 4.3  | 5.4  |
| DAUNTLESS (A05-315)        | 6.0 | 7.0 | 5.3 | 6.1  | ARROWHEAD                 | 5.7  | 6.3 | 4.3  | 5.4  |
| KEENELAND (A04-342)        | 6.0 | 7.0 | 5.3 | 6.1  | LUNAR (PST-07-261)        | 6.0  | 6.3 | 4.0  | 5.4  |
| NU CHICAGO                 | 6.7 | 6.3 | 5.3 | 6.1  | MERLOT (LTP-08-6)         | 5.7  | 6.3 | 4.3  | 5.4  |
| PST-K4-3                   | 6.0 | 6.5 | 5.7 | 6.1  | THERMAL BLUE              | 5.3  | 6.0 | 5.0  | 5.4  |
| A05-360                    | 6.3 | 6.3 | 5.3 | 6.0  | LEGEND (A10-1)            | 5.3  | 6.5 | 4.3  | 5.4  |
| A06-47                     | 5.7 | 7.0 | 5.3 | 6.0  | AKB 2555                  | 5.3  | 6.0 | 4.7  | 5.3  |
| AWARD                      | 6.0 | 6.3 | 5.7 | 6.0  | BAR PP 119326             | 5.3  | 6.0 | 4.7  | 5.3  |
| BLUEBANK (A03-1017)        | 6.0 | 6.3 | 5.7 | 6.0  | BARON                     | 5.7  | 6.0 | 4.3  | 5.3  |
| PICK 4340                  | 5.7 | 7.0 | 5.3 | 6.0  | A01-1106                  | 5.7  | 5.7 | 4.3  | 5.2  |
| BURL 06-11                 | 6.3 | 6.5 | 5.0 | 5.9  | AMERICA                   | 5.7  | 6.3 | 3.7  | 5.2  |
| A04-38                     | 6.0 | 6.7 | 5.0 | 5.9  | BLUE COAT (AKB 2282)      | 5.0  | 6.3 | 4.3  | 5.2  |
| A06-26                     | 6.0 | 7.0 | 4.7 | 5.9  | GEISHA (DPPP818)          | 5.7  | 6.0 | 3.7  | 5.1  |
| A06-46                     | 6.0 | 7.0 | 4.7 | 5.9  | JACKRABBIT (PST-K10-106D) | 5.7  | 6.0 | 3.7  | 5.1  |
| J-1770                     | 5.7 | 6.3 | 5.7 | 5.9  | 3733                      | 5.3  | 5.7 | 4.3  | 5.1  |
| MIDNIGHT                   | 5.7 | 6.3 | 5.7 | 5.9  | A05-TB-382                | 5.3  | 6.0 | 4.0  | 5.1  |
| A05-361                    | 6.0 | 6.3 | 5.3 | 5.9  | BAR 8PP 504               | 5.3  | 6.0 | 4.0  | 5.1  |
| J-1853                     | 6.0 | 6.3 | 5.3 | 5.9  | EMPIRE                    | 5.3  | 6.0 | 4.0  | 5.1  |
| A98-363                    | 6.0 | 6.5 | 5.0 | 5.8  | AVID                      | 4.7  | 5.7 | 4.7  | 5.0  |
| A05-999                    | 6.0 | 6.0 | 5.3 | 5.8  | OASIS (A98-344)           | 4.7  | 6.0 | 4.3  | 5.0  |
| J-1136                     | 6.0 | 6.0 | 5.3 | 5.8  | PST-K9-99                 | 5.3  | 6.0 | 3.3  | 4.9  |
| PICK MP07                  | 6.3 | 6.0 | 5.0 | 5.8  | WATERWORKS (A05-204)      | 5.3  | 6.0 | 3.3  | 4.9  |
| PICK TD8                   | 6.3 | 6.3 | 4.7 | 5.8  | A05-329                   | 5.0  | 6.3 | 3.0  | 4.8  |
| RAD-849                    | 5.3 | 7.0 | 5.0 | 5.8  | BAR 12PP 612              | 4.7  | 6.0 | 3.7  | 4.8  |
| SRX 466                    | 6.0 | 6.3 | 5.0 | 5.8  | ZEDOR (PPH 9131)          | 5.0  | 5.7 | 3.7  | 4.8  |
| SRX 5321                   | 6.0 | 6.3 | 5.0 | 5.8  | BAR PP 119327             | 5.0  | 5.7 | 2.3  | 4.3  |
| A04-36                     | 5.7 | 6.0 | 5.3 | 5.7  |                           |      |     |      |      |
| BAR VV 118532              | 5.3 | 6.7 | 5.0 | 5.7  | LSD VALUE                 | 0.9  | 0.8 | 1.3  | 0.6  |
| BURL 3-51                  | 5.7 | 6.7 | 4.7 | 5.7  | C.V. (%)                  | 10.0 | 7.4 | 16.8 | 11.3 |
| ENDURANCE (PST-K4-7)       | 6.0 | 6.3 | 4.7 | 5.7  |                           |      |     |      |      |

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 22.

SUMMER DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2015 DATA

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

| NAME                       | IN1 | OK1 | MEAN | NAME                      | IN1  | OK1  | MEAN |
|----------------------------|-----|-----|------|---------------------------|------|------|------|
| BARVETTE HGT (BAR VV 0709) | 7.3 | 6.7 | 7.0  | PICK TD8                  | 4.7  | 3.7  | 4.2  |
| BAR PP 110358              | 7.0 | 5.7 | 6.3  | 3733                      | 4.3  | 4.0  | 4.2  |
| BURL 06-11                 | 5.7 | 7.0 | 6.3  | AWARD                     | 5.3  | 3.0  | 4.2  |
| KENBLUE                    | 7.0 | 4.0 | 5.5  | BARDUKE                   | 4.0  | 4.3  | 4.2  |
| MAZAMA (A04-74)            | 6.0 | 5.0 | 5.5  | EMPIRE                    | 4.3  | 4.0  | 4.2  |
| SRX 5321                   | 6.0 | 4.7 | 5.3  | SUDDEN IMPACT             | 5.3  | 3.0  | 4.2  |
| BLUEBANK (A03-1017)        | 6.3 | 4.3 | 5.3  | WATERWORKS (A05-204)      | 4.3  | 4.0  | 4.2  |
| BLUE NOTE                  | 6.7 | 3.7 | 5.2  | MERLOT (LTP-08-6)         | 4.0  | 4.0  | 4.0  |
| A06-46                     | 6.3 | 4.0 | 5.2  | PST-K9-97                 | 4.3  | 3.7  | 4.0  |
| BURL 3-51                  | 5.0 | 5.0 | 5.0  | KEENELAND (A04-342)       | 2.3  | 5.5  | 3.9  |
| PST-T10-18                 | 5.3 | 4.7 | 5.0  | A06-47                    | 4.7  | 3.0  | 3.8  |
| A06-26                     | 5.7 | 4.0 | 4.8  | A98-363                   | 4.7  | 3.0  | 3.8  |
| BLUE COAT (AKB 2282)       | 5.0 | 4.7 | 4.8  | ARAMINTHA (PP 10847)      | 4.7  | 3.0  | 3.8  |
| PST-K9-90                  | 5.7 | 4.0 | 4.8  | THERMAL BLUE              | 4.7  | 3.0  | 3.8  |
| SRX 466                    | 5.0 | 4.7 | 4.8  | A05-999                   | 4.3  | 3.3  | 3.8  |
| J-1853                     | 5.3 | 4.3 | 4.8  | JACKRABBIT (PST-K10-106D) | 4.0  | 3.7  | 3.8  |
| PST-K4-3                   | 5.0 | 4.5 | 4.8  | OASIS (A98-344)           | 4.3  | 3.3  | 3.8  |
| ARROWHEAD                  | 5.7 | 3.7 | 4.7  | PICK 033                  | 4.3  | 3.3  | 3.8  |
| BAR VV 112916              | 5.7 | 3.7 | 4.7  | SRX 2758                  | 4.0  | 3.7  | 3.8  |
| SKYE                       | 6.0 | 3.3 | 4.7  | BLACKJACK                 | 3.3  | 4.0  | 3.7  |
| A04-36                     | 5.3 | 4.0 | 4.7  | PICK 4340                 | 2.3  | 5.0  | 3.7  |
| A05-TB-382                 | 5.0 | 4.3 | 4.7  | RUSH                      | 5.0  | 2.3  | 3.7  |
| ENDURANCE (PST-K4-7)       | 5.3 | 4.0 | 4.7  | PICK MP07                 | 4.3  | 3.0  | 3.7  |
| A04-38                     | 5.3 | 3.7 | 4.5  | RUBIX (4S2W)              | 4.3  | 3.0  | 3.7  |
| BARON                      | 4.3 | 4.7 | 4.5  | RAD-849                   | 2.0  | 5.0  | 3.5  |
| CABERNET                   | 5.3 | 3.7 | 4.5  | SRX 4338                  | 2.3  | 4.5  | 3.4  |
| DAUNTLESS (A05-315)        | 4.7 | 4.3 | 4.5  | BAR 12PP 612              | 3.3  | 3.3  | 3.3  |
| GEISHA (DPPP818)           | 4.7 | 4.3 | 4.5  | BAR PP 119326             | 4.0  | 2.7  | 3.3  |
| LEGEND (A10-1)             | 5.0 | 4.0 | 4.5  | BAR VV 118532             | 4.3  | 2.3  | 3.3  |
| MIDNIGHT                   | 4.7 | 4.3 | 4.5  | PICK TD9                  | 3.0  | 3.5  | 3.3  |
| NU CHICAGO                 | 5.0 | 4.0 | 4.5  | A01-1106                  | 3.0  | 3.3  | 3.2  |
| RAD-507                    | 5.0 | 4.0 | 4.5  | AKB 2555                  | 3.3  | 3.0  | 3.2  |
| SHAMROCK                   | 5.3 | 3.7 | 4.5  | A00-2882                  | 3.7  | 2.7  | 3.2  |
| A05-361                    | 4.7 | 4.0 | 4.3  | A05-329                   | 2.7  | 3.7  | 3.2  |
| AMERICA                    | 4.7 | 4.0 | 4.3  | BAR PP 119327             | 3.7  | 2.7  | 3.2  |
| LUNAR (PST-07-261)         | 4.7 | 4.0 | 4.3  | AVID                      | 3.7  | 2.3  | 3.0  |
| RAD-1492                   | 4.7 | 4.0 | 4.3  | BAR 8PP 504               | 2.3  | 3.0  | 2.7  |
| A00-4199                   | 6.0 | 2.7 | 4.3  | PST-K9-99                 | 3.0  | 2.3  | 2.7  |
| A05-360                    | 5.0 | 3.7 | 4.3  | ZEDOR (PPH 9131)          | 2.7  | 2.7  | 2.7  |
| H99-1653                   | 5.0 | 3.7 | 4.3  |                           |      |      |      |
| J-1136                     | 4.3 | 4.3 | 4.3  | LSD VALUE                 | 2.0  | 1.8  | 1.3  |
| ZINGER (A05-306)           | 5.0 | 3.7 | 4.3  | C.V. (%)                  | 26.3 | 27.8 | 27.1 |
| J-1770                     | 5.0 | 3.3 | 4.2  |                           |      |      |      |

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 23. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2015 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

| NAME                       | OK1  | TN1  | VA1  | WI1  | MEAN |
|----------------------------|------|------|------|------|------|
| BARVETTE HGT (BAR VV 0709) | 99.0 | 97.3 | 99.0 | 95.3 | 97.7 |
| J-1770                     | 96.3 | 96.7 | 99.0 | 93.0 | 96.3 |
| KENBLUE                    | 98.3 | 96.0 | 99.0 | 90.0 | 95.8 |
| H99-1653                   | 95.3 | 98.3 | 99.0 | 90.0 | 95.7 |
| BLUE NOTE                  | 94.0 | 98.0 | 99.0 | 91.0 | 95.5 |
| J-1136                     | 94.0 | 97.3 | 99.0 | 91.0 | 95.3 |
| BAR PP 110358              | 99.0 | 97.7 | 99.0 | 85.3 | 95.3 |
| A06-46                     | 97.0 | 98.7 | 99.0 | 86.0 | 95.2 |
| BLUEBANK (A03-1017)        | 97.3 | 97.0 | 99.0 | 86.7 | 95.0 |
| PST-T10-18                 | 95.0 | 98.3 | 99.0 | 87.7 | 95.0 |
| BAR VV 112916              | 94.0 | 95.7 | 99.0 | 91.0 | 94.9 |
| A05-360                    | 97.0 | 98.3 | 99.0 | 85.0 | 94.8 |
| MERLOT (LTP-08-6)          | 98.0 | 97.0 | 99.0 | 83.3 | 94.3 |
| NU CHICAGO                 | 90.7 | 97.0 | 99.0 | 90.0 | 94.2 |
| SRX 4338                   | 97.5 | 98.0 | 99.0 | 81.7 | 94.0 |
| ZINGER (A05-306)           | 92.7 | 96.0 | 99.0 | 88.3 | 94.0 |
| THERMAL BLUE               | 97.0 | 96.0 | 94.3 | 87.7 | 93.8 |
| BAR PP 119326              | 87.7 | 96.3 | 99.0 | 91.7 | 93.7 |
| KEENELAND (A04-342)        | 96.0 | 98.0 | 99.0 | 81.7 | 93.7 |
| A98-363                    | 97.0 | 97.7 | 99.0 | 80.0 | 93.4 |
| ARAMINTHA (PP 10847)       | 95.0 | 96.3 | 96.0 | 86.3 | 93.4 |
| A04-38                     | 90.7 | 95.3 | 99.0 | 88.3 | 93.3 |
| BLUE COAT (AKB 2282)       | 89.3 | 96.3 | 99.0 | 88.7 | 93.3 |
| SRX 2758                   | 94.5 | 97.7 | 99.0 | 81.7 | 93.2 |
| OASIS (A98-344)            | 94.5 | 96.0 | 99.0 | 83.3 | 93.2 |
| A05-361                    | 95.0 | 97.0 | 99.0 | 81.7 | 93.2 |
| SKYE                       | 96.0 | 97.7 | 99.0 | 80.0 | 93.2 |
| SRX 466                    | 99.0 | 97.7 | 99.0 | 76.7 | 93.1 |
| J-1853                     | 96.3 | 96.7 | 94.3 | 85.0 | 93.1 |
| BAR VV 118532              | 96.0 | 95.3 | 99.0 | 81.7 | 93.0 |
| SRX 5321                   | 93.0 | 97.7 | 92.7 | 88.3 | 92.9 |
| MIDNIGHT                   | 90.3 | 97.3 | 99.0 | 85.0 | 92.9 |
| ENDURANCE (PST-K4-7)       | 97.0 | 98.0 | 92.7 | 83.3 | 92.8 |
| CABERNET                   | 94.7 | 98.3 | 99.0 | 78.3 | 92.6 |
| DAUNTLESS (A05-315)        | 97.0 | 96.7 | 92.7 | 83.7 | 92.5 |
| BURL 06-11                 | 90.5 | 98.0 | 99.0 | 81.7 | 92.3 |
| A05-TB-382                 | 96.7 | 97.7 | 99.0 | 75.0 | 92.1 |
| EMPIRE                     | 92.7 | 97.7 | 99.0 | 78.3 | 91.9 |
| A04-36                     | 96.0 | 97.0 | 91.0 | 83.3 | 91.8 |
| 3733                       | 84.5 | 97.0 | 99.0 | 83.3 | 91.0 |
| PICK 033                   | 87.3 | 98.7 | 99.0 | 78.3 | 90.8 |
| PICK MP07                  | 95.0 | 95.3 | 91.0 | 82.0 | 90.8 |
| SUDDEN IMPACT              | 86.0 | 97.0 | 99.0 | 80.0 | 90.5 |
| BARDUKE                    | 93.7 | 96.0 | 96.0 | 76.0 | 90.4 |
| SHAMROCK                   | 93.3 | 95.7 | 91.0 | 81.7 | 90.4 |
| PST-K4-3                   | 96.5 | 97.0 | 92.7 | 75.0 | 90.3 |
| AWARD                      | 91.3 | 97.3 | 81.3 | 89.7 | 89.9 |

TABLE 23. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
(CONT'D) 2015 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

| NAME                      | OK1  | TN1  | VA1  | WI1  | MEAN |
|---------------------------|------|------|------|------|------|
| GEISHA (DPPP818)          | 92.0 | 95.3 | 96.0 | 75.0 | 89.6 |
| RUBIX (4S2W)              | 81.5 | 98.0 | 86.0 | 92.7 | 89.5 |
| BURL 3-51                 | 95.0 | 97.3 | 99.0 | 66.7 | 89.5 |
| PICK 4340                 | 98.0 | 98.0 | 86.3 | 73.3 | 88.9 |
| A00-4199                  | 90.5 | 97.3 | 91.0 | 76.7 | 88.9 |
| RAD-507                   | 96.5 | 96.7 | 84.7 | 75.0 | 88.2 |
| A05-999                   | 83.7 | 96.0 | 92.7 | 80.0 | 88.1 |
| AMERICA                   | 96.5 | 96.3 | 91.0 | 68.3 | 88.0 |
| RAD-849                   | 96.7 | 97.0 | 79.7 | 76.7 | 87.5 |
| A01-1106                  | 90.3 | 98.0 | 88.0 | 73.3 | 87.4 |
| PICK TD8                  | 84.5 | 97.7 | 99.0 | 68.3 | 87.4 |
| A06-47                    | 92.5 | 98.0 | 91.0 | 66.7 | 87.0 |
| A00-2882                  | 86.5 | 98.0 | 83.3 | 78.3 | 86.5 |
| BARON                     | 91.0 | 94.3 | 82.7 | 77.7 | 86.4 |
| WATERWORKS (A05-204)      | 76.5 | 92.7 | 99.0 | 74.3 | 85.6 |
| RAD-1492                  | 85.3 | 97.7 | 74.7 | 80.0 | 84.4 |
| ARROWHEAD                 | 92.0 | 96.0 | 87.7 | 61.7 | 84.3 |
| LUNAR (PST-07-261)        | 97.3 | 95.0 | 82.7 | 61.7 | 84.2 |
| BAR 8PP 504               | 95.0 | 95.0 | 88.0 | 58.3 | 84.1 |
| JACKRABBIT (PST-K10-106D) | 94.0 | 96.0 | 86.3 | 58.3 | 83.7 |
| A05-329                   | 91.5 | 95.7 | 99.0 | 48.3 | 83.6 |
| LEGEND (A10-1)            | 57.0 | 97.7 | 99.0 | 80.0 | 83.4 |
| MAZAMA (A04-74)           | 61.5 | 96.7 | 99.0 | 75.0 | 83.0 |
| RUSH                      | 69.7 | 95.7 | 81.7 | 85.0 | 83.0 |
| A06-26                    | 55.5 | 96.7 | 89.3 | 83.3 | 81.2 |
| ZEDOR (PPH 9131)          | 97.0 | 96.0 | 81.3 | 50.0 | 81.1 |
| PST-K9-99                 | 93.3 | 96.3 | 81.3 | 51.7 | 80.7 |
| BAR 12PP 612              | 95.5 | 97.0 | 63.3 | 66.7 | 80.6 |
| AKB 2555                  | 68.5 | 96.0 | 84.7 | 71.7 | 80.2 |
| AVID                      | 53.3 | 97.0 | 92.7 | 76.7 | 79.9 |
| PST-K9-97                 | 79.0 | 95.7 | 79.7 | 63.3 | 79.4 |
| PST-K9-90                 | 65.0 | 95.7 | 73.3 | 81.7 | 78.9 |
| BLACKJACK                 | 57.0 | 94.3 | 76.7 | 76.7 | 76.2 |
| BAR PP 119327             | 89.0 | 96.0 | 66.7 | 48.3 | 75.0 |
| PICK TD9                  | 45.0 | 95.7 | 73.3 | 71.7 | 71.4 |
| LSD VALUE                 | 23.3 | 1.6  | 16.3 | 19.9 | 8.3  |
| C.V. (%)                  | 14.4 | 1.1  | 11.0 | 15.7 | 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 24. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2015 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

| NAME                       | OK1  | TN1  | WI1  | MEAN |
|----------------------------|------|------|------|------|
| BARVETTE HGT (BAR VV 0709) | 96.3 | 95.0 | 98.3 | 96.6 |
| BAR PP 110358              | 93.3 | 94.3 | 97.3 | 95.0 |
| A05-360                    | 93.7 | 91.7 | 94.3 | 93.2 |
| BLUE NOTE                  | 89.7 | 93.7 | 95.7 | 93.0 |
| NU CHICAGO                 | 89.7 | 89.7 | 98.3 | 92.6 |
| BLUE COAT (AKB 2282)       | 91.7 | 94.0 | 91.3 | 92.3 |
| PST-T10-18                 | 97.0 | 88.3 | 91.3 | 92.2 |
| H99-1653                   | 90.7 | 88.3 | 96.7 | 91.9 |
| DAUNTLESS (A05-315)        | 94.3 | 90.0 | 90.7 | 91.7 |
| SRX 466                    | 94.3 | 94.0 | 86.7 | 91.7 |
| RAD-1492                   | 90.3 | 90.7 | 92.7 | 91.2 |
| J-1853                     | 90.0 | 86.7 | 96.7 | 91.1 |
| CABERNET                   | 87.0 | 96.0 | 90.0 | 91.0 |
| A04-38                     | 87.7 | 93.0 | 92.0 | 90.9 |
| BARON                      | 89.3 | 90.3 | 93.0 | 90.9 |
| A06-46                     | 91.0 | 88.3 | 92.7 | 90.7 |
| PICK 4340                  | 96.3 | 92.7 | 82.7 | 90.6 |
| 3733                       | 92.0 | 88.3 | 91.0 | 90.4 |
| A04-36                     | 86.7 | 90.0 | 93.7 | 90.1 |
| BAR PP 119326              | 82.3 | 91.7 | 96.3 | 90.1 |
| ENDURANCE (PST-K4-7)       | 93.0 | 80.7 | 95.7 | 89.8 |
| EMPIRE                     | 90.3 | 88.3 | 90.3 | 89.7 |
| KENBLUE                    | 81.0 | 93.3 | 93.0 | 89.1 |
| J-1136                     | 87.0 | 82.0 | 97.3 | 88.8 |
| SKYE                       | 83.3 | 94.3 | 88.3 | 88.7 |
| A05-361                    | 89.0 | 84.0 | 92.0 | 88.3 |
| RAD-849                    | 94.7 | 85.3 | 85.0 | 88.3 |
| SHAMROCK                   | 86.0 | 93.3 | 85.7 | 88.3 |
| MIDNIGHT                   | 74.3 | 94.0 | 95.7 | 88.0 |
| BAR VV 118532              | 80.5 | 91.0 | 92.0 | 87.8 |
| PST-K9-97                  | 88.7 | 92.0 | 82.7 | 87.8 |
| BURL 3-51                  | 85.0 | 88.0 | 90.3 | 87.8 |
| A05-TB-382                 | 88.0 | 96.3 | 78.3 | 87.6 |
| BAR VV 112916              | 90.0 | 76.7 | 94.0 | 86.9 |
| BLUEBANK (A03-1017)        | 82.3 | 82.0 | 96.0 | 86.8 |
| AWARD                      | 76.7 | 87.0 | 96.0 | 86.6 |
| THERMAL BLUE               | 87.0 | 84.3 | 88.3 | 86.6 |
| BARDUKE                    | 87.7 | 89.7 | 81.0 | 86.1 |
| ZINGER (A05-306)           | 88.0 | 76.7 | 93.7 | 86.1 |
| SRX 5321                   | 66.7 | 95.3 | 94.0 | 85.3 |
| MAZAMA (A04-74)            | 86.0 | 85.7 | 81.7 | 84.4 |
| SRX 2758                   | 66.3 | 88.3 | 98.0 | 84.2 |
| J-1770                     | 70.0 | 82.7 | 99.0 | 83.9 |
| OASIS (A98-344)            | 73.0 | 86.7 | 92.0 | 83.9 |
| PST-K4-3                   | 63.7 | 90.7 | 92.0 | 82.1 |
| RAD-507                    | 72.3 | 92.3 | 81.7 | 82.1 |
| BAR 8PP 504                | 91.3 | 90.7 | 63.0 | 81.7 |

TABLE 24. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
(CONT'D) 2015 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

| NAME                      | OK1  | TN1  | WI1  | MEAN |
|---------------------------|------|------|------|------|
| A01-1106                  | 79.0 | 90.0 | 72.7 | 80.6 |
| LUNAR (PST-07-261)        | 86.3 | 93.0 | 61.7 | 80.3 |
| PICK 033                  | 63.3 | 95.0 | 82.3 | 80.2 |
| A98-363                   | 60.7 | 93.3 | 83.0 | 79.0 |
| MERLOT (LTP-08-6)         | 63.0 | 82.7 | 90.7 | 78.8 |
| A06-47                    | 66.0 | 91.7 | 75.0 | 77.6 |
| WATERWORKS (A05-204)      | 74.0 | 73.3 | 85.0 | 77.4 |
| ARAMINTHA (PP 10847)      | 53.3 | 82.7 | 91.7 | 75.9 |
| ARROWHEAD                 | 64.0 | 96.0 | 66.7 | 75.6 |
| SRX 4338                  | 52.7 | 91.0 | 82.7 | 75.4 |
| KEENELAND (A04-342)       | 66.0 | 90.0 | 70.0 | 75.3 |
| RUSH                      | 51.0 | 80.7 | 93.7 | 75.1 |
| PICK MP07                 | 54.3 | 89.0 | 82.0 | 75.1 |
| AMERICA                   | 61.0 | 82.3 | 81.0 | 74.8 |
| PICK TD8                  | 50.0 | 88.3 | 85.3 | 74.6 |
| LEGEND (A10-1)            | 55.0 | 75.0 | 93.3 | 74.4 |
| A06-26                    | 43.0 | 90.0 | 88.7 | 73.9 |
| A05-329                   | 65.7 | 85.7 | 70.0 | 73.8 |
| SUDDEN IMPACT             | 31.3 | 93.0 | 97.0 | 73.8 |
| AKB 2555                  | 40.5 | 92.3 | 87.7 | 73.5 |
| A00-2882                  | 57.7 | 79.3 | 82.7 | 73.2 |
| A05-999                   | 59.0 | 84.0 | 76.7 | 73.2 |
| GEISHA (DPPP818)          | 53.5 | 85.3 | 78.3 | 72.4 |
| JACKRABBIT (PST-K10-106D) | 63.0 | 92.3 | 61.0 | 72.1 |
| BURL 06-11                | 37.0 | 90.7 | 86.7 | 71.4 |
| PST-K9-90                 | 34.0 | 87.3 | 92.7 | 71.3 |
| A00-4199                  | 56.3 | 83.7 | 73.3 | 71.1 |
| RUBIX (4S2W)              | 39.3 | 84.3 | 89.3 | 71.0 |
| BAR 12PP 612              | 50.7 | 87.0 | 75.0 | 70.9 |
| BLACKJACK                 | 46.0 | 90.3 | 72.7 | 69.7 |
| AVID                      | 39.0 | 84.0 | 83.3 | 68.8 |
| PICK TD9                  | 35.3 | 88.3 | 76.7 | 66.8 |
| BAR PP 119327             | 61.7 | 81.7 | 51.7 | 65.0 |
| ZEDOR (PPH 9131)          | 46.0 | 85.0 | 55.0 | 62.0 |
| PST-K9-99                 | 60.3 | 79.3 | 45.0 | 61.6 |
| LSD VALUE                 | 49.3 | 10.9 | 19.4 | 17.2 |
| C.V. (%)                  | 40.2 | 7.7  | 14.1 | 22.2 |

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 25. PERCENT LIVING GROUND COVER (FALL) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2015 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

| NAME                       | OK1  | TN1  | VA1  | WI1  | MEAN |
|----------------------------|------|------|------|------|------|
| BARVETTE HGT (BAR VV 0709) | 97.3 | 96.3 | 86.7 | 94.7 | 93.8 |
| SRX 466                    | 93.7 | 93.3 | 83.3 | 87.0 | 89.3 |
| J-1853                     | 87.3 | 93.3 | 70.0 | 93.3 | 86.0 |
| A05-360                    | 78.3 | 86.7 | 80.0 | 96.3 | 85.3 |
| SKYE                       | 90.0 | 92.7 | 66.7 | 86.0 | 83.8 |
| A05-TB-382                 | 94.0 | 94.7 | 66.7 | 78.3 | 83.4 |
| PST-T10-18                 | 85.7 | 87.0 | 66.7 | 93.3 | 83.2 |
| BLUE NOTE                  | 80.7 | 93.7 | 63.3 | 94.3 | 83.0 |
| CABERNET                   | 87.7 | 90.7 | 70.0 | 83.3 | 82.9 |
| A98-363                    | 65.3 | 94.3 | 73.3 | 93.3 | 81.6 |
| OASIS (A98-344)            | 73.3 | 90.0 | 70.0 | 91.0 | 81.1 |
| A06-46                     | 80.0 | 89.0 | 66.7 | 87.7 | 80.8 |
| KENBLUE                    | 74.7 | 94.3 | 60.0 | 90.0 | 79.8 |
| J-1770                     | 88.5 | 88.7 | 43.3 | 98.3 | 79.7 |
| NU CHICAGO                 | 89.3 | 91.7 | 43.3 | 94.3 | 79.7 |
| 3733                       | 82.5 | 92.7 | 60.0 | 83.3 | 79.6 |
| H99-1653                   | 78.0 | 83.0 | 60.0 | 96.3 | 79.3 |
| BARON                      | 86.0 | 94.0 | 43.3 | 93.7 | 79.3 |
| BLUEBANK (A03-1017)        | 91.0 | 90.0 | 50.0 | 85.7 | 79.2 |
| ZINGER (A05-306)           | 82.7 | 84.0 | 60.0 | 90.0 | 79.2 |
| SHAMROCK                   | 86.7 | 93.7 | 60.0 | 76.0 | 79.1 |
| J-1136                     | 92.0 | 88.7 | 40.0 | 95.3 | 79.0 |
| A04-36                     | 79.3 | 94.3 | 50.0 | 91.7 | 78.8 |
| A04-38                     | 81.0 | 94.0 | 56.7 | 83.0 | 78.7 |
| BAR VV 112916              | 80.7 | 93.7 | 46.7 | 93.3 | 78.6 |
| ARAMINTHA (PP 10847)       | 75.5 | 93.7 | 53.3 | 91.7 | 78.5 |
| BLUE COAT (AKB 2282)       | 91.3 | 90.7 | 46.7 | 85.0 | 78.4 |
| BAR PP 110358              | 97.3 | 97.0 | 23.3 | 95.3 | 78.3 |
| A05-361                    | 77.0 | 92.0 | 60.0 | 82.7 | 77.9 |
| AWARD                      | 78.0 | 90.7 | 46.7 | 96.3 | 77.9 |
| PICK 033                   | 68.3 | 92.3 | 73.3 | 77.7 | 77.9 |
| MERLOT (LTP-08-6)          | 61.0 | 92.0 | 70.0 | 88.3 | 77.8 |
| MIDNIGHT                   | 77.7 | 93.7 | 46.7 | 92.7 | 77.7 |
| EMPIRE                     | 91.0 | 90.3 | 43.3 | 85.0 | 77.4 |
| BAR VV 118532              | 79.0 | 94.0 | 50.0 | 86.0 | 77.3 |
| THERMAL BLUE               | 67.5 | 94.0 | 63.3 | 83.7 | 77.1 |
| ENDURANCE (PST-K4-7)       | 91.5 | 90.0 | 30.0 | 96.3 | 77.0 |
| RAD-507                    | 73.3 | 94.3 | 53.3 | 86.0 | 76.8 |
| RAD-849                    | 90.3 | 92.7 | 50.0 | 73.3 | 76.6 |
| DAUNTLESS (A05-315)        | 87.0 | 91.0 | 43.3 | 83.3 | 76.2 |
| BURL 3-51                  | 81.7 | 92.3 | 43.3 | 86.7 | 76.0 |
| BAR PP 119326              | 55.0 | 93.7 | 56.7 | 94.3 | 74.9 |
| BARDUKE                    | 86.7 | 90.7 | 40.0 | 80.0 | 74.3 |
| PICK 4340                  | 97.7 | 83.3 | 30.0 | 85.0 | 74.0 |
| MAZAMA (A04-74)            | 66.5 | 93.7 | 53.3 | 82.3 | 74.0 |
| SRX 5321                   | 68.7 | 94.0 | 50.0 | 82.7 | 73.8 |
| SRX 2758                   | 54.7 | 93.0 | 53.3 | 91.7 | 73.2 |

TABLE 25. PERCENT LIVING GROUND COVER (FALL) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
(CONT'D) 2015 DATA

| PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/ |      |      |      |      |      |
|---|------|------|------|------|------|
| NAME  | OK1  | TN1  | VA1  | WI1  | MEAN |
| RAD-1492  | 67.7 | 95.3 | 36.7 | 87.7 | 71.8 |
| LEGEND (A10-1)                                    | 55.7 | 82.0 | 53.3 | 96.0 | 71.8 |
| WATERWORKS (A05-204)                              | 61.5 | 92.3 | 46.7 | 86.0 | 71.6 |
| PICK TD8  | 63.7 | 92.7 | 50.0 | 73.3 | 69.9 |
| PST-K9-97   | 84.3 | 91.3 | 30.0 | 71.7 | 69.3 |
| A05-999   | 52.0 | 91.7 | 50.0 | 79.3 | 68.3 |
| A01-1106  | 70.3 | 95.3 | 43.3 | 63.3 | 68.1 |
| A06-47  | 65.7 | 92.3 | 53.3 | 60.0 | 67.8 |
| ARROWHEAD   | 62.3 | 94.0 | 46.7 | 66.7 | 67.4 |
| GEISHA (DPPP818)                                  | 51.0 | 94.3 | 50.0 | 73.3 | 67.2 |
| PST-K4-3  | 59.0 | 94.7 | 33.3 | 78.3 | 66.3 |
| RUBIX (4S2W)                                      | 48.5 | 89.7 | 36.7 | 90.3 | 66.3 |
| AMERICA   | 56.7 | 92.7 | 43.3 | 72.3 | 66.3 |
| LUNAR (PST-07-261)                                | 89.0 | 93.7 | 36.7 | 45.0 | 66.1 |
| PICK MP07   | 45.7 | 91.7 | 50.0 | 76.7 | 66.0 |
| SUDDEN IMPACT                                     | 41.0 | 90.7 | 36.7 | 93.3 | 65.4 |
| BAR 8PP 504                                       | 72.0 | 90.3 | 40.0 | 59.3 | 65.4 |
| BURL 06-11  | 39.3 | 93.7 | 40.0 | 88.3 | 65.3 |
| KEENELAND (A04-342)                               | 65.3 | 82.0 | 40.0 | 73.3 | 65.2 |
| A05-329   | 63.0 | 92.7 | 26.7 | 76.7 | 64.8 |
| JACKRABBIT (PST-K10-106D)                         | 62.0 | 93.3 | 43.3 | 59.3 | 64.5 |
| SRX 4338  | 59.3 | 91.7 | 33.3 | 73.3 | 64.4 |
| PST-K9-90   | 32.0 | 93.0 | 36.7 | 94.3 | 64.0 |
| BAR 12PP 612                                      | 57.0 | 92.0 | 33.3 | 73.3 | 63.9 |
| A06-26  | 33.3 | 93.0 | 36.7 | 88.3 | 62.8 |
| AKB 2555  | 44.7 | 93.0 | 36.7 | 76.7 | 62.8 |
| ZEDOR (PPH 9131)                                  | 78.7 | 91.3 | 36.7 | 43.3 | 62.5 |
| AVID  | 58.7 | 93.7 | 30.0 | 61.7 | 61.0 |
| A00-4199  | 46.3 | 86.3 | 43.3 | 65.0 | 60.3 |
| BAR PP 119327                                     | 54.0 | 93.3 | 43.3 | 50.0 | 60.2 |
| A00-2882  | 23.7 | 87.7 | 46.7 | 81.7 | 59.9 |
| RUSH  | 37.3 | 87.0 | 23.3 | 90.0 | 59.4 |
| PST-K9-99   | 62.0 | 86.3 | 26.7 | 55.0 | 57.5 |
| BLACKJACK   | 43.0 | 89.0 | 43.3 | 45.0 | 55.1 |
| PICK TD9  | 18.7 | 89.3 | 26.7 | 58.3 | 48.3 |
| LSD VALUE   | 45.8 | 8.8  | 26.1 | 23.8 | 14.1 |
| C.V. (%)  | 38.9 | 6.0  | 33.3 | 18.2 | 23.9 |

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 26.

PERCENT WINTER KILL RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2015 DATA

## PERCENT WINTER KILL RATINGS: LOCATIONS 2/

| NAME                      | WI1  | NAME                       | WI1  |
|---------------------------|------|----------------------------|------|
| LUNAR (PST-07-261)        | 45.0 | RAD-1492                   | 12.3 |
| BAR PP 119327             | 40.0 | A00-2882                   | 11.7 |
| AVID                      | 38.3 | A00-4199                   | 11.7 |
| ZEDOR (PPH 9131)          | 36.7 | BAR VV 118532              | 11.7 |
| BLACKJACK                 | 31.7 | BURL 06-11                 | 11.7 |
| PST-K9-99                 | 31.7 | BURL 3-51                  | 11.7 |
| AMERICA                   | 27.7 | KEENELAND (A04-342)        | 11.7 |
| A06-47                    | 26.7 | PICK 4340                  | 11.7 |
| PST-K9-97                 | 26.7 | SRX 466                    | 10.7 |
| BAR 8PP 504               | 25.7 | A04-38                     | 10.0 |
| JACKRABBIT (PST-K10-106D) | 25.0 | A06-26                     | 10.0 |
| A01-1106                  | 23.3 | KENBLUE                    | 10.0 |
| RAD-849                   | 23.3 | MERLOT (LTP-08-6)          | 10.0 |
| BAR 12PP 612              | 21.7 | RUSH                       | 10.0 |
| PICK TD8                  | 21.7 | OASIS (A98-344)            | 9.0  |
| PICK TD9                  | 21.7 | SRX 2758                   | 8.3  |
| SHAMROCK                  | 21.7 | ZINGER (A05-306)           | 8.3  |
| AKB 2555                  | 20.0 | MIDNIGHT                   | 7.3  |
| ARROWHEAD                 | 20.0 | RUBIX (4S2W)               | 7.3  |
| PICK 033                  | 20.0 | A04-36                     | 6.7  |
| PICK MP07                 | 20.0 | A98-363                    | 6.7  |
| PST-K4-3                  | 20.0 | ARAMINTHA (PP 10847)       | 6.7  |
| A05-TB-382                | 18.3 | BAR VV 112916              | 6.7  |
| GEISHA (DPPP818)          | 18.3 | J-1853                     | 6.7  |
| SRX 4338                  | 18.3 | PST-T10-18                 | 6.7  |
| SRX 5321                  | 17.3 | SUDDEN IMPACT              | 6.7  |
| 3733                      | 16.7 | BARON                      | 6.3  |
| A05-329                   | 16.7 | BAR PP 119326              | 5.7  |
| BARDUKE                   | 16.7 | BLUE NOTE                  | 5.7  |
| CABERNET                  | 16.7 | NU CHICAGO                 | 5.7  |
| A05-361                   | 15.7 | PST-K9-90                  | 5.7  |
| A05-999                   | 15.7 | BARVETTE HGT (BAR VV 0709) | 5.3  |
| MAZAMA (A04-74)           | 15.3 | BAR PP 110358              | 4.7  |
| BLUE COAT (AKB 2282)      | 15.0 | J-1136                     | 4.7  |
| DAUNTLESS (A05-315)       | 15.0 | LEGEND (A10-1)             | 4.0  |
| EMPIRE                    | 15.0 | A05-360                    | 3.7  |
| SKYE                      | 14.0 | AWARD                      | 3.3  |
| THERMAL BLUE              | 14.0 | ENDURANCE (PST-K4-7)       | 3.3  |
| WATERWORKS (A05-204)      | 14.0 | H99-1653                   | 2.0  |
| RAD-507                   | 13.3 | J-1770                     | 1.7  |
| BLUEBANK (A03-1017)       | 12.7 |                            |      |
| A06-46                    | 12.3 | LSD VALUE                  | 16.3 |
|                           |      | C.V. (%)                   | 68.9 |

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

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



TABLE 27.

TYPHULA BLIGHT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2015 DATA

## TYPHULA BLIGHT RATINGS 1-9; 9=NO DISEASE 2/

| NAME                       | WI1 | NAME                      | WI1 |
|----------------------------|-----|---------------------------|-----|
| 3733                       | 9.0 | PST-T10-18                | 9.0 |
| A04-36                     | 9.0 | RAD-1492                  | 9.0 |
| A05-360                    | 9.0 | RAD-507                   | 9.0 |
| A05-361                    | 9.0 | RUBIX (4S2W)              | 9.0 |
| A05-TB-382                 | 9.0 | RUSH                      | 9.0 |
| A06-26                     | 9.0 | SHAMROCK                  | 9.0 |
| A06-46                     | 9.0 | SKYE                      | 9.0 |
| A98-363                    | 9.0 | SRX 2758                  | 9.0 |
| AKB 2555                   | 9.0 | SRX 466                   | 9.0 |
| AMERICA                    | 9.0 | SRX 5321                  | 9.0 |
| ARAMINTHA (PP 10847)       | 9.0 | SUDDEN IMPACT             | 9.0 |
| AVID                       | 9.0 | THERMAL BLUE              | 9.0 |
| AWARD                      | 9.0 | WATERWORKS (A05-204)      | 9.0 |
| BAR PP 110358              | 9.0 | ZINGER (A05-306)          | 9.0 |
| BAR PP 119326              | 9.0 | A05-329                   | 8.7 |
| BAR VV 112916              | 9.0 | A05-999                   | 8.7 |
| BAR VV 118532              | 9.0 | BAR 12PP 612              | 8.7 |
| BARON                      | 9.0 | BARDUKE                   | 8.7 |
| BARVETTE HGT (BAR VV 0709) | 9.0 | PICK 4340                 | 8.7 |
| BLUE COAT (AKB 2282)       | 9.0 | PICK MP07                 | 8.7 |
| BLUE NOTE                  | 9.0 | PICK TD8                  | 8.7 |
| BLUEBANK (A03-1017)        | 9.0 | RAD-849                   | 8.7 |
| BURL 06-11                 | 9.0 | A00-2882                  | 8.3 |
| BURL 3-51                  | 9.0 | A04-38                    | 8.3 |
| CABERNET                   | 9.0 | BAR PP 119327             | 8.3 |
| DAUNTLESS (A05-315)        | 9.0 | GEISHA (DPPP818)          | 8.3 |
| EMPIRE                     | 9.0 | LUNAR (PST-07-261)        | 8.3 |
| ENDURANCE (PST-K4-7)       | 9.0 | SRX 4338                  | 8.3 |
| H99-1653                   | 9.0 | A06-47                    | 8.0 |
| J-1136                     | 9.0 | ARROWHEAD                 | 8.0 |
| J-1770                     | 9.0 | PST-K9-99                 | 8.0 |
| J-1853                     | 9.0 | A01-1106                  | 7.7 |
| KENBLUE                    | 9.0 | BAR 8PP 504               | 7.7 |
| LEGEND (A10-1)             | 9.0 | JACKRABBIT (PST-K10-106D) | 7.7 |
| MAZAMA (A04-74)            | 9.0 | KEENELAND (A04-342)       | 7.7 |
| MERLOT (LTP-08-6)          | 9.0 | PICK TD9                  | 7.3 |
| MIDNIGHT                   | 9.0 | ZEDOR (PPH 9131)          | 7.0 |
| NU CHICAGO                 | 9.0 | A00-4199                  | 6.7 |
| OASIS (A98-344)            | 9.0 | BLACKJACK                 | 6.7 |
| PICK 033                   | 9.0 |                           |     |
| PST-K4-3                   | 9.0 | LSD VALUE                 | 1.2 |
| PST-K9-90                  | 9.0 | C.V. (%)                  | 8.8 |
| PST-K9-97                  | 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 28. LEAF SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2015 DATA

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

| NAME                      | NJ1 | NJ2 | OK1 | MEAN |
|---------------------------|-----|-----|-----|------|
| BAR PP 110358             | 9.0 | 7.3 | 8.7 | 8.3  |
| KEENELAND (A04-342)       | 9.0 | 7.3 | 8.3 | 8.2  |
| PICK TD8                  | 9.0 | 6.7 | 8.7 | 8.1  |
| A06-26                    | 9.0 | 6.3 | 8.7 | 8.0  |
| AVID                      | 9.0 | 7.7 | 7.3 | 8.0  |
| BURL 06-11                | 9.0 | 6.0 | 9.0 | 8.0  |
| PICK 4340                 | 9.0 | 7.3 | 7.7 | 8.0  |
| AMERICA                   | 9.0 | 6.7 | 8.0 | 7.9  |
| ARAMINTHA (PP 10847)      | 9.0 | 6.7 | 8.0 | 7.9  |
| ENDURANCE (PST-K4-7)      | 9.0 | 6.7 | 8.0 | 7.9  |
| PICK 033                  | 9.0 | 7.0 | 7.7 | 7.9  |
| BURL 3-51                 | 9.0 | 6.7 | 7.7 | 7.8  |
| MERLOT (LTP-08-6)         | 9.0 | 6.0 | 8.3 | 7.8  |
| RAD-1492                  | 9.0 | 6.7 | 7.7 | 7.8  |
| CABERNET                  | 9.0 | 6.3 | 8.0 | 7.8  |
| OASIS (A98-344)           | 9.0 | 6.3 | 8.0 | 7.8  |
| PST-K9-90                 | 8.7 | 6.7 | 8.0 | 7.8  |
| ZEDOR (PPH 9131)          | 9.0 | 6.3 | 8.0 | 7.8  |
| A04-36                    | 9.0 | 7.3 | 6.7 | 7.7  |
| A05-360                   | 9.0 | 6.0 | 8.0 | 7.7  |
| PST-K9-99                 | 9.0 | 6.7 | 7.3 | 7.7  |
| A04-38                    | 9.0 | 7.0 | 6.7 | 7.6  |
| A98-363                   | 9.0 | 6.0 | 7.7 | 7.6  |
| BAR 12PP 612              | 9.0 | 7.3 | 6.3 | 7.6  |
| GEISHA (DPPP818)          | 9.0 | 5.0 | 8.7 | 7.6  |
| H99-1653                  | 8.0 | 6.3 | 8.3 | 7.6  |
| SRX 4338                  | 8.7 | 7.0 | 7.0 | 7.6  |
| BAR 8PP 504               | 8.7 | 5.3 | 8.3 | 7.4  |
| J-1136                    | 9.0 | 7.7 | 5.7 | 7.4  |
| RAD-849                   | 9.0 | 5.7 | 7.7 | 7.4  |
| A05-361                   | 8.7 | 6.3 | 7.3 | 7.4  |
| MAZAMA (A04-74)           | 9.0 | 6.3 | 7.0 | 7.4  |
| PST-T10-18                | 8.7 | 5.7 | 8.0 | 7.4  |
| SRX 2758                  | 9.0 | 6.0 | 7.3 | 7.4  |
| SRX 466                   | 9.0 | 7.0 | 6.3 | 7.4  |
| PICK TD9                  | 9.0 | 5.7 | 7.5 | 7.4  |
| A05-TB-382                | 8.7 | 5.7 | 7.7 | 7.3  |
| DAUNTLESS (A05-315)       | 8.7 | 6.3 | 7.0 | 7.3  |
| PST-K9-97                 | 8.7 | 7.7 | 5.7 | 7.3  |
| JACKRABBIT (PST-K10-106D) | 8.3 | 7.0 | 6.0 | 7.1  |
| AWARD                     | 9.0 | 7.0 | 5.3 | 7.1  |
| A06-46                    | 8.7 | 7.0 | 5.3 | 7.0  |
| BLUE NOTE                 | 9.0 | 6.7 | 5.3 | 7.0  |
| EMPIRE                    | 9.0 | 7.0 | 5.0 | 7.0  |
| LEGEND (A10-1)            | 9.0 | 7.0 | 5.0 | 7.0  |
| WATERWORKS (A05-204)      | 9.0 | 6.0 | 6.0 | 7.0  |

TABLE 28. LEAF SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
(CONT'D) 2015 DATA

| LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/ |     |      |      |      |
|--|-----|------|------|------|
| NAME                                   | NJ1 | NJ2  | OK1  | MEAN |
| J-1853                                 | 9.0 | 7.0  | 4.7  | 6.9  |
| A05-329                                | 9.0 | 6.3  | 5.3  | 6.9  |
| RAD-507                                | 9.0 | 6.3  | 5.3  | 6.9  |
| ZINGER (A05-306)                       | 9.0 | 6.3  | 5.3  | 6.9  |
| BLUEBANK (A03-1017)                    | 9.0 | 6.7  | 4.7  | 6.8  |
| SRX 5321                               | 9.0 | 6.7  | 4.7  | 6.8  |
| 3733                                   | 9.0 | 6.0  | 5.3  | 6.8  |
| A06-47                                 | 8.7 | 6.7  | 5.0  | 6.8  |
| AKB 2555                               | 9.0 | 6.3  | 5.0  | 6.8  |
| BARDUKE                                | 8.7 | 4.3  | 7.3  | 6.8  |
| BARON                                  | 8.7 | 5.0  | 6.7  | 6.8  |
| NU CHICAGO                             | 9.0 | 6.3  | 5.0  | 6.8  |
| THERMAL BLUE                           | 8.0 | 6.0  | 6.3  | 6.8  |
| BAR VV 118532                          | 9.0 | 4.7  | 6.3  | 6.7  |
| BLUE COAT (AKB 2282)                   | 8.7 | 6.3  | 5.0  | 6.7  |
| PICK MP07                              | 8.3 | 4.7  | 7.0  | 6.7  |
| A00-2882                               | 9.0 | 7.0  | 3.7  | 6.6  |
| BAR PP 119327                          | 9.0 | 6.0  | 4.7  | 6.6  |
| BAR VV 112916                          | 7.7 | 4.0  | 8.0  | 6.6  |
| PST-K4-3                               | 9.0 | 5.7  | 5.0  | 6.6  |
| SHAMROCK                               | 9.0 | 6.0  | 4.7  | 6.6  |
| SKYE                                   | 9.0 | 6.3  | 4.3  | 6.6  |
| BAR PP 119326                          | 9.0 | 5.7  | 4.7  | 6.4  |
| RUSH                                   | 9.0 | 6.0  | 4.3  | 6.4  |
| BLACKJACK                              | 8.7 | 5.0  | 5.5  | 6.4  |
| A00-4199                               | 9.0 | 6.3  | 3.7  | 6.3  |
| J-1770                                 | 8.7 | 6.7  | 3.7  | 6.3  |
| RUBIX (4S2W)                           | 8.0 | 6.3  | 4.7  | 6.3  |
| LUNAR (PST-07-261)                     | 8.7 | 4.3  | 5.7  | 6.2  |
| A01-1106                               | 9.0 | 6.3  | 3.3  | 6.2  |
| SUDDEN IMPACT                          | 9.0 | 6.7  | 2.7  | 6.1  |
| MIDNIGHT                               | 9.0 | 6.0  | 3.0  | 6.0  |
| KENBLUE                                | 6.3 | 1.7  | 9.0  | 5.7  |
| A05-999                                | 5.7 | 5.0  | 5.7  | 5.4  |
| ARROWHEAD                              | 9.0 | 6.0  | 1.3  | 5.4  |
| BARVETTE HGT (BAR VV 0709)             | 2.7 | 4.3  | 8.7  | 5.2  |
| LSD VALUE                              | 0.7 | 1.4  | 2.6  | 1.0  |
| C.V. (%)                               | 5.1 | 13.6 | 25.1 | 15.0 |

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.

DOLLAR SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2015 DATA

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

| NAME                       | OK1 | NAME                      | OK1  |
|----------------------------|-----|---------------------------|------|
| A00-2882                   | 9.0 | RAD-1492                  | 9.0  |
| A01-1106                   | 9.0 | RAD-849                   | 9.0  |
| A05-329                    | 9.0 | RUSH                      | 9.0  |
| A05-360                    | 9.0 | SHAMROCK                  | 9.0  |
| A06-26                     | 9.0 | SKYE                      | 9.0  |
| A06-46                     | 9.0 | SRX 4338                  | 9.0  |
| A06-47                     | 9.0 | SRX 466                   | 9.0  |
| AKB 2555                   | 9.0 | SRX 5321                  | 9.0  |
| AMERICA                    | 9.0 | SUDDEN IMPACT             | 9.0  |
| ARAMINTHA (PP 10847)       | 9.0 | WATERWORKS (A05-204)      | 9.0  |
| ARROWHEAD                  | 9.0 | 3733                      | 8.7  |
| AVID                       | 9.0 | A00-4199                  | 8.7  |
| AWARD                      | 9.0 | A04-36                    | 8.7  |
| BAR 12PP 612               | 9.0 | A05-999                   | 8.7  |
| BAR PP 119326              | 9.0 | A05-TB-382                | 8.7  |
| BAR PP 119327              | 9.0 | A98-363                   | 8.7  |
| BAR VV 118532              | 9.0 | BAR PP 110358             | 8.7  |
| BARDUKE                    | 9.0 | BARON                     | 8.7  |
| BARVETTE HGT (BAR VV 0709) | 9.0 | BLUE NOTE                 | 8.7  |
| BLUE COAT (AKB 2282)       | 9.0 | H99-1653                  | 8.7  |
| BLUEBANK (A03-1017)        | 9.0 | JACKRABBIT (PST-K10-106D) | 8.7  |
| BURL 06-11                 | 9.0 | RAD-507                   | 8.7  |
| BURL 3-51                  | 9.0 | RUBIX (4S2W)              | 8.7  |
| DAUNTLESS (A05-315)        | 9.0 | PICK TD9                  | 8.5  |
| EMPIRE                     | 9.0 | PST-K4-3                  | 8.5  |
| ENDURANCE (PST-K4-7)       | 9.0 | A04-38                    | 8.3  |
| GEISHA (DPPP818)           | 9.0 | ZINGER (A05-306)          | 8.3  |
| J-1136                     | 9.0 | A05-361                   | 8.0  |
| J-1770                     | 9.0 | BLACKJACK                 | 8.0  |
| J-1853                     | 9.0 | CABERNET                  | 8.0  |
| KEENELAND (A04-342)        | 9.0 | PST-K9-99                 | 8.0  |
| LEGEND (A10-1)             | 9.0 | BAR 8PP 504               | 7.7  |
| LUNAR (PST-07-261)         | 9.0 | OASIS (A98-344)           | 7.7  |
| MAZAMA (A04-74)            | 9.0 | PICK 033                  | 7.7  |
| MERLOT (LTP-08-6)          | 9.0 | SRX 2758                  | 7.3  |
| MIDNIGHT                   | 9.0 | KENBLUE                   | 6.7  |
| NU CHICAGO                 | 9.0 | BAR VV 112916             | 6.3  |
| PICK 4340                  | 9.0 | THERMAL BLUE              | 5.0  |
| PICK MP07                  | 9.0 | ZEDOR (PPH 9131)          | 4.0  |
| PICK TD8                   | 9.0 |                           |      |
| PST-K9-90                  | 9.0 | LSD VALUE                 | 1.5  |
| PST-K9-97                  | 9.0 | C.V. (%)                  | 10.6 |
| PST-T10-18                 | 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 30. BROWN PATCH (WARM TEMPERATURE) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2015 DATA

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

| NAME                       | OK1 | NAME                 | OK1  |
|----------------------------|-----|----------------------|------|
| BARVETTE HGT (BAR VV 0709) | 8.0 | A05-329              | 4.7  |
| BURL 3-51                  | 7.7 | AWARD                | 4.7  |
| BURL 06-11                 | 7.0 | EMPIRE               | 4.7  |
| SRX 4338                   | 7.0 | H99-1653             | 4.7  |
| SUDDEN IMPACT              | 7.0 | KENBLUE              | 4.7  |
| MAZAMA (A04-74)            | 6.7 | LUNAR (PST-07-261)   | 4.7  |
| SRX 466                    | 6.7 | OASIS (A98-344)      | 4.7  |
| BAR 12PP 612               | 6.3 | SRX 2758             | 4.7  |
| BAR PP 110358              | 6.3 | A98-363              | 4.5  |
| BLUE NOTE                  | 6.3 | AMERICA              | 4.5  |
| J-1136                     | 6.3 | BLACKJACK            | 4.5  |
| MIDNIGHT                   | 6.3 | A05-361              | 4.3  |
| A06-46                     | 6.0 | A06-26               | 4.3  |
| AKB 2555                   | 6.0 | ARROWHEAD            | 4.3  |
| KEENELAND (A04-342)        | 6.0 | CABERNET             | 4.3  |
| MERLOT (LTP-08-6)          | 6.0 | GEISHA (DPPP818)     | 4.3  |
| PST-K4-3                   | 6.0 | PICK 033             | 4.3  |
| RAD-849                    | 6.0 | PST-T10-18           | 4.3  |
| A04-36                     | 5.7 | A05-360              | 4.0  |
| BLUE COAT (AKB 2282)       | 5.7 | A05-999              | 4.0  |
| J-1853                     | 5.7 | A06-47               | 4.0  |
| NU CHICAGO                 | 5.7 | BAR PP 119327        | 4.0  |
| PICK 4340                  | 5.7 | ENDURANCE (PST-K4-7) | 4.0  |
| SHAMROCK                   | 5.7 | PST-K9-99            | 4.0  |
| BARDUKE                    | 5.3 | RAD-1492             | 4.0  |
| BARON                      | 5.3 | ZINGER (A05-306)     | 4.0  |
| BLUEBANK (A03-1017)        | 5.3 | BAR VV 118532        | 3.7  |
| J-1770                     | 5.3 | PST-K9-97            | 3.7  |
| RAD-507                    | 5.3 | PICK TD9             | 3.5  |
| SRX 5321                   | 5.3 | A00-4199             | 3.3  |
| WATERWORKS (A05-204)       | 5.3 | BAR 8PP 504          | 3.3  |
| A00-2882                   | 5.0 | BAR PP 119326        | 3.3  |
| A05-TB-382                 | 5.0 | ARAMINTHA (PP 10847) | 3.0  |
| BAR VV 112916              | 5.0 | PST-K9-90            | 3.0  |
| DAUNTLESS (A05-315)        | 5.0 | RUBIX (4S2W)         | 3.0  |
| JACKRABBIT (PST-K10-106D)  | 5.0 | THERMAL BLUE         | 3.0  |
| LEGEND (A10-1)             | 5.0 | ZEDOR (PPH 9131)     | 3.0  |
| PICK TD8                   | 5.0 | AVID                 | 2.7  |
| RUSH                       | 5.0 | PICK MP07            | 2.5  |
| SKYE                       | 5.0 |                      |      |
| 3733                       | 4.7 | LSD VALUE            | 2.6  |
| A01-1106                   | 4.7 | C.V. (%)             | 30.9 |
| A04-38                     | 4.7 |                      |      |

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 31.

SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2015 DATA

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

| NAME                       | KS1 | VA1 | MEAN | NAME                      | KS1  | VA1  | MEAN |
|----------------------------|-----|-----|------|---------------------------|------|------|------|
| BARVETTE HGT (BAR VV 0709) | 8.7 | 9.0 | 8.8  | SRX 5321                  | 7.0  | 6.3  | 6.7  |
| PICK 033                   | 8.7 | 9.0 | 8.8  | THERMAL BLUE              | 5.3  | 8.0  | 6.7  |
| A05-TB-382                 | 8.7 | 8.7 | 8.7  | AMERICA                   | 7.0  | 6.0  | 6.5  |
| BLUE NOTE                  | 8.3 | 8.7 | 8.5  | AWARD                     | 7.0  | 6.0  | 6.5  |
| SRX 466                    | 8.3 | 8.7 | 8.5  | BURL 3-51                 | 7.7  | 5.3  | 6.5  |
| SKYE                       | 8.3 | 8.3 | 8.3  | JACKRABBIT (PST-K10-106D) | 6.3  | 6.7  | 6.5  |
| A06-47                     | 8.3 | 8.0 | 8.2  | MIDNIGHT                  | 6.7  | 6.3  | 6.5  |
| 3733                       | 7.7 | 8.7 | 8.2  | A05-999                   | 5.0  | 7.7  | 6.3  |
| MERLOT (LTP-08-6)          | 7.3 | 9.0 | 8.2  | BAR PP 119326             | 4.3  | 8.3  | 6.3  |
| PST-T10-18                 | 7.3 | 9.0 | 8.2  | RAD-849                   | 6.0  | 6.7  | 6.3  |
| A05-360                    | 7.0 | 9.0 | 8.0  | BAR PP 110358             | 9.0  | 3.7  | 6.3  |
| A05-361                    | 7.0 | 9.0 | 8.0  | RAD-1492                  | 6.3  | 6.3  | 6.3  |
| BAR VV 118532              | 7.7 | 8.3 | 8.0  | A01-1106                  | 5.7  | 6.7  | 6.2  |
| CABERNET                   | 6.7 | 9.0 | 7.8  | EMPIRE                    | 6.7  | 5.7  | 6.2  |
| DAUNTLESS (A05-315)        | 7.7 | 8.0 | 7.8  | A00-2882                  | 6.3  | 6.0  | 6.2  |
| OASIS (A98-344)            | 6.7 | 9.0 | 7.8  | BLACKJACK                 | 6.3  | 6.0  | 6.2  |
| LEGEND (A10-1)             | 7.0 | 8.3 | 7.7  | A04-38                    | 4.7  | 7.3  | 6.0  |
| BLUEBANK (A03-1017)        | 8.0 | 7.0 | 7.5  | A06-26                    | 6.7  | 5.3  | 6.0  |
| J-1853                     | 6.7 | 8.3 | 7.5  | BAR VV 112916             | 5.3  | 6.7  | 6.0  |
| RAD-507                    | 7.7 | 7.3 | 7.5  | PICK MP07                 | 4.7  | 7.3  | 6.0  |
| WATERWORKS (A05-204)       | 8.0 | 7.0 | 7.5  | PICK TD9                  | 7.3  | 4.7  | 6.0  |
| ZINGER (A05-306)           | 6.3 | 8.7 | 7.5  | A00-4199                  | 6.7  | 5.0  | 5.8  |
| H99-1653                   | 5.7 | 9.0 | 7.3  | BAR PP 119327             | 4.7  | 7.0  | 5.8  |
| A04-36                     | 6.0 | 8.3 | 7.2  | NU CHICAGO                | 6.7  | 5.0  | 5.8  |
| BAR 8PP 504                | 7.7 | 6.7 | 7.2  | AKB 2555                  | 7.3  | 4.3  | 5.8  |
| GEISHA (DPPP818)           | 6.7 | 7.7 | 7.2  | BARON                     | 5.3  | 6.3  | 5.8  |
| KEENELAND (A04-342)        | 8.3 | 6.0 | 7.2  | BAR 12PP 612              | 6.7  | 4.7  | 5.7  |
| BURL 06-11                 | 7.0 | 7.3 | 7.2  | BARDUKE                   | 5.7  | 5.7  | 5.7  |
| ARROWHEAD                  | 7.0 | 7.0 | 7.0  | A05-329                   | 6.3  | 5.0  | 5.7  |
| LUNAR (PST-07-261)         | 8.0 | 6.0 | 7.0  | AVID                      | 6.0  | 5.0  | 5.5  |
| PICK TD8                   | 6.7 | 7.3 | 7.0  | BLUE COAT (AKB 2282)      | 5.3  | 5.7  | 5.5  |
| SRX 2758                   | 6.3 | 7.7 | 7.0  | RUBIX (4S2W)              | 5.7  | 5.3  | 5.5  |
| A06-46                     | 5.7 | 8.0 | 6.8  | J-1136                    | 5.3  | 5.0  | 5.2  |
| A98-363                    | 4.7 | 9.0 | 6.8  | ENDURANCE (PST-K4-7)      | 5.7  | 4.0  | 4.8  |
| ARAMINTHA (PP 10847)       | 7.7 | 6.0 | 6.8  | PST-K4-3                  | 5.0  | 4.7  | 4.8  |
| J-1770                     | 7.7 | 6.0 | 6.8  | PST-K9-97                 | 5.7  | 4.0  | 4.8  |
| MAZAMA (A04-74)            | 7.0 | 6.7 | 6.8  | PST-K9-90                 | 4.3  | 5.0  | 4.7  |
| SHAMROCK                   | 5.7 | 8.0 | 6.8  | RUSH                      | 5.7  | 3.3  | 4.5  |
| SRX 4338                   | 8.0 | 5.7 | 6.8  | PST-K9-99                 | 5.3  | 3.3  | 4.3  |
| ZEDOR (PPH 9131)           | 7.0 | 6.7 | 6.8  |                           |      |      |      |
| KENBLUE                    | 6.3 | 7.3 | 6.8  | LSD VALUE                 | 2.5  | 3.2  | 2.0  |
| PICK 4340                  | 8.7 | 5.0 | 6.8  | C.V. (%)                  | 23.5 | 29.2 | 26.5 |
| SUDDEN IMPACT              | 7.7 | 5.7 | 6.7  |                           |      |      |      |

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 32.

CROWN RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2015 DATA

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

| NAME                       | OK1 | NAME                | OK1  |
|----------------------------|-----|---------------------|------|
| A05-360                    | 9.0 | NU CHICAGO          | 7.3  |
| AMERICA                    | 9.0 | PICK TD8            | 7.3  |
| BAR PP 110358              | 9.0 | PST-K4-3            | 7.3  |
| OASIS (A98-344)            | 9.0 | PST-K9-99           | 7.3  |
| SRX 466                    | 9.0 | RUBIX (4S2W)        | 7.3  |
| A05-999                    | 8.7 | 3733                | 7.0  |
| AVID                       | 8.7 | CABERNET            | 7.0  |
| BLUE COAT (AKB 2282)       | 8.7 | SRX 2758            | 7.0  |
| ENDURANCE (PST-K4-7)       | 8.7 | A04-36              | 6.7  |
| H99-1653                   | 8.7 | AKB 2555            | 6.7  |
| KEENELAND (A04-342)        | 8.7 | KENBLUE             | 6.7  |
| MERLOT (LTP-08-6)          | 8.7 | LEGEND (A10-1)      | 6.7  |
| SRX 4338                   | 8.7 | SRX 5321            | 6.7  |
| PICK MP07                  | 8.5 | J-1136              | 6.3  |
| PST-K9-90                  | 8.5 | ZEDOR (PPH 9131)    | 6.3  |
| A05-TB-382                 | 8.3 | A05-329             | 6.0  |
| A06-26                     | 8.3 | BLUE NOTE           | 6.0  |
| A98-363                    | 8.3 | DAUNTLESS (A05-315) | 6.0  |
| BAR 12PP 612               | 8.3 | SHAMROCK            | 6.0  |
| BAR PP 119327              | 8.3 | SKYE                | 6.0  |
| BARVETTE HGT (BAR VV 0709) | 8.3 | ZINGER (A05-306)    | 6.0  |
| BURL 06-11                 | 8.3 | A00-2882            | 5.7  |
| BURL 3-51                  | 8.3 | A04-38              | 5.7  |
| MAZAMA (A04-74)            | 8.3 | AWARD               | 5.7  |
| RAD-507                    | 8.3 | RUSH                | 5.7  |
| BAR 8PP 504                | 8.0 | BLACKJACK           | 5.5  |
| BARDUKE                    | 8.0 | BLUEBANK (A03-1017) | 5.3  |
| EMPIRE                     | 8.0 | A06-47              | 5.0  |
| JACKRABBIT (PST-K10-106D)  | 8.0 | J-1853              | 5.0  |
| PICK TD9                   | 8.0 | RAD-1492            | 5.0  |
| RAD-849                    | 8.0 | THERMAL BLUE        | 5.0  |
| WATERWORKS (A05-204)       | 8.0 | A01-1106            | 4.7  |
| ARAMINTHA (PP 10847)       | 7.7 | BAR PP 119326       | 4.7  |
| BAR VV 118532              | 7.7 | J-1770              | 4.7  |
| GEISHA (DPPP818)           | 7.7 | A00-4199            | 4.3  |
| LUNAR (PST-07-261)         | 7.7 | PST-K9-97           | 4.3  |
| PICK 033                   | 7.7 | ARROWHEAD           | 3.7  |
| PICK 4340                  | 7.7 | MIDNIGHT            | 3.7  |
| PST-T10-18                 | 7.7 | SUDDEN IMPACT       | 3.7  |
| A05-361                    | 7.3 |                     |      |
| A06-46                     | 7.3 | LSD VALUE           | 2.2  |
| BAR VV 112916              | 7.3 | C.V. (%)            | 18.8 |
| BARON                      | 7.3 |                     |      |

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 33. FALL COLOR (SEPTEMBER) RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2015 DATA

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

| NAME                 | OK1 | NAME                       | OK1  |
|----------------------|-----|----------------------------|------|
| SRX 4338             | 7.5 | 3733                       | 6.0  |
| A05-TB-382           | 7.3 | A00-4199                   | 6.0  |
| MIDNIGHT             | 7.3 | A04-36                     | 6.0  |
| RAD-1492             | 7.3 | A05-329                    | 6.0  |
| SRX 466              | 7.3 | AKB 2555                   | 6.0  |
| A06-46               | 7.0 | AMERICA                    | 6.0  |
| A06-47               | 7.0 | ARAMINTHA (PP 10847)       | 6.0  |
| BLUEBANK (A03-1017)  | 7.0 | BAR 8PP 504                | 6.0  |
| KEENELAND (A04-342)  | 7.0 | BAR PP 119327              | 6.0  |
| MERLOT (LTP-08-6)    | 7.0 | BAR VV 112916              | 6.0  |
| NU CHICAGO           | 7.0 | BAR VV 118532              | 6.0  |
| AWARD                | 6.7 | BARDUKE                    | 6.0  |
| BLUE NOTE            | 6.7 | BARON                      | 6.0  |
| BURL 3-51            | 6.7 | BLACKJACK                  | 6.0  |
| J-1136               | 6.7 | DAUNTLESS (A05-315)        | 6.0  |
| J-1770               | 6.7 | EMPIRE                     | 6.0  |
| J-1853               | 6.7 | ENDURANCE (PST-K4-7)       | 6.0  |
| LUNAR (PST-07-261)   | 6.7 | GEISHA (DPPP818)           | 6.0  |
| MAZAMA (A04-74)      | 6.7 | JACKRABBIT (PST-K10-106D)  | 6.0  |
| OASIS (A98-344)      | 6.7 | PICK MP07                  | 6.0  |
| PICK 033             | 6.7 | PST-K9-90                  | 6.0  |
| PICK 4340            | 6.7 | PST-K9-97                  | 6.0  |
| RAD-849              | 6.7 | RAD-507                    | 6.0  |
| RUSH                 | 6.7 | RUBIX (4S2W)               | 6.0  |
| SKYE                 | 6.7 | ZINGER (A05-306)           | 6.0  |
| SUDDEN IMPACT        | 6.7 | BAR PP 110358              | 5.7  |
| WATERWORKS (A05-204) | 6.7 | BAR PP 119326              | 5.7  |
| BAR 12PP 612         | 6.5 | BARVETTE HGT (BAR VV 0709) | 5.7  |
| BURL 06-11           | 6.5 | PST-T10-18                 | 5.7  |
| PICK TD9             | 6.5 | THERMAL BLUE               | 5.7  |
| PST-K4-3             | 6.5 | ZEDOR (PPH 9131)           | 5.7  |
| A01-1106             | 6.3 | A00-2882                   | 5.5  |
| A04-38               | 6.3 | A98-363                    | 5.5  |
| A05-361              | 6.3 | LEGEND (A10-1)             | 5.5  |
| A05-999              | 6.3 | ARROWHEAD                  | 5.3  |
| A06-26               | 6.3 | H99-1653                   | 5.3  |
| AVID                 | 6.3 | KENBLUE                    | 5.3  |
| BLUE COAT (AKB 2282) | 6.3 | A05-360                    | 5.0  |
| CABERNET             | 6.3 | PST-K9-99                  | 5.0  |
| PICK TD8             | 6.3 |                            |      |
| SHAMROCK             | 6.3 | LSD VALUE                  | 1.1  |
| SRX 2758             | 6.3 | C.V. (%)                   | 10.4 |
| SRX 5321             | 6.3 |                            |      |

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 34.

POA ANNUA RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2015 DATA

POA ANNUA RATINGS 1-9; 9=NONE 2/

| NAME                       | OK1 | NAME                 | OK1  |
|----------------------------|-----|----------------------|------|
| A06-47                     | 9.0 | KEENELAND (A04-342)  | 8.7  |
| AMERICA                    | 9.0 | PICK 033             | 8.7  |
| ARAMINTHA (PP 10847)       | 9.0 | PST-K9-99            | 8.7  |
| AVID                       | 9.0 | ZEDOR (PPH 9131)     | 8.7  |
| BAR 12PP 612               | 9.0 | A05-329              | 8.3  |
| BAR 8PP 504                | 9.0 | A98-363              | 8.3  |
| BAR PP 110358              | 9.0 | EMPIRE               | 8.3  |
| BAR VV 118532              | 9.0 | PST-K9-90            | 8.3  |
| BARVETTE HGT (BAR VV 0709) | 9.0 | SHAMROCK             | 8.3  |
| BLUEBANK (A03-1017)        | 9.0 | THERMAL BLUE         | 8.3  |
| BURL 06-11                 | 9.0 | ENDURANCE (PST-K4-7) | 8.0  |
| BURL 3-51                  | 9.0 | SUDDEN IMPACT        | 8.0  |
| CABERNET                   | 9.0 | A00-2882             | 7.7  |
| GEISHA (DPPP818)           | 9.0 | A04-36               | 7.7  |
| H99-1653                   | 9.0 | A06-26               | 7.7  |
| J-1136                     | 9.0 | MAZAMA (A04-74)      | 7.7  |
| J-1770                     | 9.0 | OASIS (A98-344)      | 7.7  |
| J-1853                     | 9.0 | PICK MP07            | 7.7  |
| JACKRABBIT (PST-K10-106D)  | 9.0 | PICK TD8             | 7.7  |
| KENBLUE                    | 9.0 | RAD-1492             | 7.7  |
| LUNAR (PST-07-261)         | 9.0 | ARROWHEAD            | 7.3  |
| MERLOT (LTP-08-6)          | 9.0 | BAR VV 112916        | 7.3  |
| MIDNIGHT                   | 9.0 | BARDUKE              | 7.3  |
| NU CHICAGO                 | 9.0 | PST-K4-3             | 7.3  |
| PICK 4340                  | 9.0 | PST-K9-97            | 7.3  |
| PST-T10-18                 | 9.0 | WATERWORKS (A05-204) | 7.3  |
| RAD-507                    | 9.0 | 3733                 | 7.0  |
| SKYE                       | 9.0 | A05-361              | 7.0  |
| SRX 2758                   | 9.0 | BARON                | 7.0  |
| SRX 4338                   | 9.0 | BLUE COAT (AKB 2282) | 7.0  |
| SRX 466                    | 9.0 | PICK TD9             | 7.0  |
| SRX 5321                   | 9.0 | RAD-849              | 7.0  |
| A00-4199                   | 8.7 | AKB 2555             | 6.7  |
| A01-1106                   | 8.7 | RUBIX (4S2W)         | 6.7  |
| A04-38                     | 8.7 | LEGEND (A10-1)       | 6.0  |
| A05-360                    | 8.7 | ZINGER (A05-306)     | 6.0  |
| A05-TB-382                 | 8.7 | BLACKJACK            | 5.7  |
| A06-46                     | 8.7 | RUSH                 | 5.3  |
| AWARD                      | 8.7 | A05-999              | 4.7  |
| BAR PP 119326              | 8.7 |                      |      |
| BAR PP 119327              | 8.7 | LSD VALUE            | 1.8  |
| BLUE NOTE                  | 8.7 | C.V. (%)             | 13.8 |
| DAUNTLESS (A05-315)        | 8.7 |                      |      |

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 35.

MOWING QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2015 DATA

MOWING QUALITY RATINGS 1-9; 9=CLEANEST CUT 2/

| NAME                       | NJ2 | NAME                 | NJ2  |
|----------------------------|-----|----------------------|------|
| A05-360                    | 9.0 | SKYE                 | 5.7  |
| A06-46                     | 9.0 | SRX 4338             | 5.7  |
| BAR PP 110358              | 9.0 | BLACKJACK            | 5.3  |
| BARVETTE HGT (BAR VV 0709) | 9.0 | BLUEBANK (A03-1017)  | 5.3  |
| KENBLUE                    | 9.0 | J-1136               | 5.3  |
| PST-K9-90                  | 9.0 | NU CHICAGO           | 5.3  |
| JACKRABBIT (PST-K10-106D)  | 8.7 | OASIS (A98-344)      | 5.3  |
| PST-T10-18                 | 8.7 | SHAMROCK             | 5.3  |
| BAR 8PP 504                | 8.3 | AWARD                | 5.0  |
| H99-1653                   | 8.3 | BAR 12PP 612         | 5.0  |
| THERMAL BLUE               | 8.3 | BAR VV 118532        | 5.0  |
| BAR VV 112916              | 8.0 | MAZAMA (A04-74)      | 5.0  |
| BLUE NOTE                  | 8.0 | PICK 4340            | 5.0  |
| PICK 033                   | 8.0 | PST-K9-99            | 5.0  |
| RAD-849                    | 8.0 | RUSH                 | 5.0  |
| SRX 466                    | 8.0 | A00-4199             | 4.7  |
| A98-363                    | 7.7 | BARDUKE              | 4.7  |
| BAR PP 119326              | 7.7 | J-1853               | 4.7  |
| CABERNET                   | 7.7 | LUNAR (PST-07-261)   | 4.7  |
| A00-2882                   | 7.3 | MIDNIGHT             | 4.7  |
| A05-361                    | 7.3 | PICK TD8             | 4.7  |
| A05-999                    | 7.3 | PST-K9-97            | 4.7  |
| PICK TD9                   | 7.3 | RAD-507              | 4.7  |
| SRX 2758                   | 7.3 | 3733                 | 4.3  |
| ZINGER (A05-306)           | 7.3 | BLUE COAT (AKB 2282) | 4.3  |
| ARAMINTHA (PP 10847)       | 7.0 | EMPIRE               | 4.3  |
| ARROWHEAD                  | 7.0 | ZEDOR (PPH 9131)     | 4.3  |
| RUBIX (4S2W)               | 7.0 | AKB 2555             | 4.0  |
| A01-1106                   | 6.7 | BARON                | 4.0  |
| RAD-1492                   | 6.7 | BURL 3-51            | 4.0  |
| A05-TB-382                 | 6.3 | J-1770               | 4.0  |
| DAUNTLESS (A05-315)        | 6.3 | SUDDEN IMPACT        | 4.0  |
| KEENELAND (A04-342)        | 6.3 | WATERWORKS (A05-204) | 4.0  |
| MERLOT (LTP-08-6)          | 6.3 | A05-329              | 3.7  |
| PST-K4-3                   | 6.3 | ENDURANCE (PST-K4-7) | 3.7  |
| SRX 5321                   | 6.3 | LEGEND (A10-1)       | 3.7  |
| A04-36                     | 6.0 | AMERICA              | 3.3  |
| A06-47                     | 6.0 | AVID                 | 3.3  |
| BURL 06-11                 | 6.0 | GEISHA (DPPP818)     | 2.3  |
| A04-38                     | 5.7 |                      |      |
| A06-26                     | 5.7 | LSD VALUE            | 1.9  |
| BAR PP 119327              | 5.7 | C.V. (%)             | 19.9 |
| PICK MP07                  | 5.7 |                      |      |

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 36.

TURF UNIFORMITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2015 DATA

TURF UNIFORMITY RATINGS 1-9; 9=COMPLETELY UNIFORM 2/

| NAME                       | IA1 | NJ2 | MEAN | NAME                      | IA1  | NJ2  | MEAN |
|----------------------------|-----|-----|------|---------------------------|------|------|------|
| SUDDEN IMPACT              | 8.3 | 6.3 | 7.3  | OASIS (A98-344)           | 6.7  | 5.0  | 5.8  |
| BAR PP 110358              | 6.0 | 8.3 | 7.2  | PST-T10-18                | 6.0  | 5.7  | 5.8  |
| J-1770                     | 7.7 | 6.7 | 7.2  | A00-4199                  | 7.3  | 4.3  | 5.8  |
| ARROWHEAD                  | 7.0 | 7.3 | 7.2  | AKB 2555                  | 6.7  | 4.7  | 5.7  |
| PST-K9-90                  | 7.3 | 7.0 | 7.2  | RAD-507                   | 6.7  | 4.7  | 5.7  |
| J-1136                     | 7.0 | 7.0 | 7.0  | A05-TB-382                | 6.3  | 5.0  | 5.7  |
| BLUEBANK (A03-1017)        | 7.0 | 6.7 | 6.8  | BURL 3-51                 | 6.3  | 5.0  | 5.7  |
| SKYE                       | 6.7 | 7.0 | 6.8  | DAUNTLESS (A05-315)       | 6.0  | 5.3  | 5.7  |
| PICK 4340                  | 6.3 | 7.3 | 6.8  | SRX 466                   | 7.3  | 4.0  | 5.7  |
| SRX 4338                   | 6.7 | 6.7 | 6.7  | ZINGER (A05-306)          | 6.0  | 5.3  | 5.7  |
| AWARD                      | 7.0 | 6.3 | 6.7  | 3733                      | 6.7  | 4.3  | 5.5  |
| RUBIX (4S2W)               | 7.0 | 6.3 | 6.7  | A06-26                    | 6.0  | 5.0  | 5.5  |
| A05-361                    | 6.7 | 6.3 | 6.5  | A06-47                    | 6.0  | 5.0  | 5.5  |
| A06-46                     | 6.7 | 6.3 | 6.5  | AMERICA                   | 6.3  | 4.7  | 5.5  |
| J-1853                     | 6.3 | 6.7 | 6.5  | BAR VV 112916             | 6.0  | 5.0  | 5.5  |
| NU CHICAGO                 | 7.3 | 5.7 | 6.5  | BARON                     | 6.3  | 4.7  | 5.5  |
| A05-360                    | 7.0 | 5.7 | 6.3  | ENDURANCE (PST-K4-7)      | 6.3  | 4.7  | 5.5  |
| BLUE COAT (AKB 2282)       | 6.7 | 6.0 | 6.3  | LUNAR (PST-07-261)        | 6.3  | 4.7  | 5.5  |
| KEENELAND (A04-342)        | 6.7 | 6.0 | 6.3  | PICK TD8                  | 6.3  | 4.7  | 5.5  |
| BARVETTE HGT (BAR VV 0709) | 6.3 | 6.3 | 6.3  | PICK TD9                  | 6.3  | 4.7  | 5.5  |
| SRX 2758                   | 6.3 | 6.3 | 6.3  | PST-K9-99                 | 6.0  | 5.0  | 5.5  |
| CABERNET                   | 6.7 | 5.7 | 6.2  | SRX 5321                  | 6.0  | 5.0  | 5.5  |
| MAZAMA (A04-74)            | 6.7 | 5.7 | 6.2  | THERMAL BLUE              | 6.0  | 5.0  | 5.5  |
| A04-38                     | 6.3 | 6.0 | 6.2  | WATERWORKS (A05-204)      | 6.3  | 4.7  | 5.5  |
| ARAMINTHA (PP 10847)       | 6.0 | 6.3 | 6.2  | A05-329                   | 6.7  | 4.0  | 5.3  |
| BLUE NOTE                  | 6.0 | 6.3 | 6.2  | BAR VV 118532             | 6.0  | 4.7  | 5.3  |
| EMPIRE                     | 7.0 | 5.3 | 6.2  | JACKRABBIT (PST-K10-106D) | 6.0  | 4.7  | 5.3  |
| H99-1653                   | 6.3 | 6.0 | 6.2  | ZEDOR (PPH 9131)          | 6.0  | 4.7  | 5.3  |
| LEGEND (A10-1)             | 6.3 | 6.0 | 6.2  | RAD-1492                  | 7.0  | 3.7  | 5.3  |
| MIDNIGHT                   | 7.0 | 5.3 | 6.2  | A98-363                   | 6.0  | 4.3  | 5.2  |
| PICK 033                   | 7.0 | 5.3 | 6.2  | BARDUKE                   | 6.0  | 4.3  | 5.2  |
| A04-36                     | 6.0 | 6.0 | 6.0  | SHAMROCK                  | 6.3  | 4.0  | 5.2  |
| AVID                       | 6.7 | 5.3 | 6.0  | BAR PP 119326             | 6.7  | 3.3  | 5.0  |
| BAR 8PP 504                | 6.3 | 5.7 | 6.0  | BLACKJACK                 | 6.7  | 3.3  | 5.0  |
| PICK MP07                  | 7.0 | 5.0 | 6.0  | RUSH                      | 7.0  | 3.0  | 5.0  |
| PST-K4-3                   | 6.3 | 5.7 | 6.0  | BAR PP 119327             | 6.7  | 3.0  | 4.8  |
| PST-K9-97                  | 6.3 | 5.7 | 6.0  | BAR 12PP 612              | 6.3  | 3.3  | 4.8  |
| RAD-849                    | 6.7 | 5.3 | 6.0  | GEISHA (DPPP818)          | 6.3  | 3.0  | 4.7  |
| A00-2882                   | 6.7 | 5.0 | 5.8  | KENBLUE                   | 5.3  | 2.0  | 3.7  |
| A01-1106                   | 7.0 | 4.7 | 5.8  |                           |      |      |      |
| A05-999                    | 7.0 | 4.7 | 5.8  | LSD VALUE                 | 1.2  | 1.8  | 1.1  |
| BURL 06-11                 | 6.7 | 5.0 | 5.8  | C.V. (%)                  | 11.8 | 21.2 | 16.2 |
| MERLOT (LTP-08-6)          | 6.7 | 5.0 | 5.8  |                           |      |      |      |

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 37.

PERCENT WEED RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2015 DATA 2/

| NAME                      | WI1  | NAME                       | WI1  |
|---------------------------|------|----------------------------|------|
| PST-K9-99                 | 36.7 | KEENELAND (A04-342)        | 11.7 |
| BAR 8PP 504               | 35.0 | LEGEND (A10-1)             | 11.7 |
| JACKRABBIT (PST-K10-106D) | 35.0 | RAD-849                    | 11.7 |
| BAR PP 119327             | 30.0 | BAR PP 110358              | 10.7 |
| LUNAR (PST-07-261)        | 28.3 | A06-26                     | 10.0 |
| ZEDOR (PPH 9131)          | 25.0 | ARAMINTHA (PP 10847)       | 10.0 |
| ARROWHEAD                 | 20.0 | J-1853                     | 10.0 |
| A05-329                   | 18.3 | MERLOT (LTP-08-6)          | 10.0 |
| GEISHA (DPPP818)          | 18.3 | MIDNIGHT                   | 10.0 |
| A06-47                    | 16.7 | OASIS (A98-344)            | 10.0 |
| AKB 2555                  | 16.7 | PICK 033                   | 10.0 |
| AMERICA                   | 16.7 | SHAMROCK                   | 10.0 |
| BURL 3-51                 | 16.7 | SRX 4338                   | 10.0 |
| MAZAMA (A04-74)           | 16.7 | SUDDEN IMPACT              | 9.0  |
| PICK TD8                  | 16.7 | A05-360                    | 8.3  |
| PICK TD9                  | 16.7 | BLUE COAT (AKB 2282)       | 8.3  |
| PST-K9-97                 | 16.7 | BLUEBANK (A03-1017)        | 8.3  |
| RAD-507                   | 16.7 | H99-1653                   | 8.3  |
| A05-999                   | 15.0 | PST-K9-90                  | 8.3  |
| BAR 12PP 612              | 15.0 | PST-T10-18                 | 8.3  |
| BLACKJACK                 | 15.0 | RUSH                       | 8.3  |
| SRX 466                   | 15.0 | SRX 2758                   | 7.7  |
| BARON                     | 14.0 | A06-46                     | 7.3  |
| 3733                      | 13.3 | DAUNTLESS (A05-315)        | 7.3  |
| A00-4199                  | 13.3 | SRX 5321                   | 7.3  |
| A01-1106                  | 13.3 | THERMAL BLUE               | 7.3  |
| A98-363                   | 13.3 | KENBLUE                    | 6.7  |
| BARDUKE                   | 13.3 | NU CHICAGO                 | 6.7  |
| CABERNET                  | 13.3 | RUBIX (4S2W)               | 6.7  |
| PICK 4340                 | 13.3 | ZINGER (A05-306)           | 6.7  |
| PST-K4-3                  | 13.3 | BAR PP 119326              | 5.7  |
| RAD-1492                  | 13.3 | BAR VV 112916              | 5.7  |
| SKYE                      | 13.3 | A04-38                     | 5.0  |
| PICK MP07                 | 12.3 | AVID                       | 5.0  |
| WATERWORKS (A05-204)      | 12.3 | AWARD                      | 5.0  |
| A00-2882                  | 11.7 | J-1136                     | 5.0  |
| A04-36                    | 11.7 | BLUE NOTE                  | 4.3  |
| A05-361                   | 11.7 | BARVETTE HGT (BAR VV 0709) | 4.0  |
| A05-TB-382                | 11.7 | J-1770                     | 4.0  |
| BAR VV 118532             | 11.7 |                            |      |
| BURL 06-11                | 11.7 | LSD VALUE                  | 15.2 |
| EMPIRE                    | 11.7 | C.V. (%)                   | 75.0 |
| ENDURANCE (PST-K4-7)      | 11.7 |                            |      |

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 38. THATCH MEASUREMENTS OF KENTUCKY BLUEGRASS CULTIVARS  
AT MADISON, WI, 1/  
2015 DATA

THATCH MEASUREMENTS IN MILLIMETERS 2/

| NAME                      | THATCH1 | THATCH2 | MEAN |
|---------------------------|---------|---------|------|
| A05-329                   | 33.3    | 15.0    | 24.2 |
| BAR PP 119327             | 21.7    | 21.7    | 21.7 |
| ZEDOR (PPH 9131)          | 25.0    | 15.0    | 20.0 |
| ARROWHEAD                 | 18.3    | 16.7    | 17.5 |
| KEENELAND (A04-342)       | 6.7     | 26.7    | 16.7 |
| A06-47                    | 16.7    | 13.3    | 15.0 |
| PST-K9-99                 | 11.7    | 18.3    | 15.0 |
| BAR 12PP 612              | 18.3    | 10.0    | 14.2 |
| LUNAR (PST-07-261)        | 10.0    | 16.7    | 13.3 |
| JACKRABBIT (PST-K10-106D) | 6.7     | 18.3    | 12.5 |
| PICK TD9                  | 11.7    | 13.3    | 12.5 |
| A01-1106                  | 13.3    | 10.7    | 12.0 |
| AMERICA                   | 15.0    | 9.0     | 12.0 |
| BAR 8PP 504               | 6.7     | 17.3    | 12.0 |
| PST-K9-97                 | 20.0    | 4.0     | 12.0 |
| A00-4199                  | 10.0    | 13.3    | 11.7 |
| BARDUKE                   | 10.7    | 12.3    | 11.5 |
| PICK TD8                  | 15.0    | 7.7     | 11.3 |
| A05-TB-382                | 13.3    | 8.3     | 10.8 |
| BLACKJACK                 | 8.3     | 12.3    | 10.3 |
| BURL 3-51                 | 16.7    | 4.0     | 10.3 |
| PICK 4340                 | 13.3    | 7.3     | 10.3 |
| A00-2882                  | 10.0    | 10.0    | 10.0 |
| RAD-849                   | 11.7    | 8.3     | 10.0 |
| WATERWORKS (A05-204)      | 13.3    | 6.7     | 10.0 |
| AVID                      | 18.3    | 0.0     | 9.2  |
| SRX 4338                  | 8.3     | 10.0    | 9.2  |
| AKB 2555                  | 11.7    | 5.7     | 8.7  |
| PICK 033                  | 11.7    | 5.7     | 8.7  |
| RAD-507                   | 8.3     | 8.3     | 8.3  |
| SHAMROCK                  | 8.3     | 8.3     | 8.3  |
| A98-363                   | 6.7     | 9.7     | 8.2  |
| GEISHA (DPPP818)          | 6.7     | 9.7     | 8.2  |
| EMPIRE                    | 10.0    | 5.7     | 7.8  |
| PICK MP07                 | 5.7     | 10.0    | 7.8  |
| PST-K4-3                  | 11.7    | 4.0     | 7.8  |
| A05-999                   | 5.0     | 10.0    | 7.5  |
| MAZAMA (A04-74)           | 8.3     | 6.7     | 7.5  |
| DAUNTLESS (A05-315)       | 9.0     | 5.0     | 7.0  |
| BURL 06-11                | 6.7     | 6.7     | 6.7  |
| PST-K9-90                 | 10.0    | 3.3     | 6.7  |
| SRX 466                   | 8.3     | 5.0     | 6.7  |
| A06-26                    | 6.7     | 5.7     | 6.2  |
| CABERNET                  | 8.3     | 4.0     | 6.2  |
| BAR VV 118532             | 6.7     | 5.3     | 6.0  |

TABLE 38. THATCH MEASUREMENTS OF KENTUCKY BLUEGRASS CULTIVARS  
 (CONT'D) AT MADISON, WI, 1/  
 2015 DATA

THATCH MEASUREMENTS IN MILLIMETERS 2/

| NAME                       | THATCH1 | THATCH2 | MEAN |
|----------------------------|---------|---------|------|
| BARON                      | 8.3     | 3.7     | 6.0  |
| MERLOT (LTP-08-6)          | 6.7     | 5.0     | 5.8  |
| THERMAL BLUE               | 5.0     | 6.7     | 5.8  |
| SKYE                       | 6.7     | 4.3     | 5.5  |
| SUDDEN IMPACT              | 11.0    | 0.0     | 5.5  |
| LEGEND (A10-1)             | 8.3     | 2.3     | 5.3  |
| OASIS (A98-344)            | 6.7     | 4.0     | 5.3  |
| SRX 2758                   | 10.7    | 0.0     | 5.3  |
| A04-38                     | 6.7     | 3.3     | 5.0  |
| A05-360                    | 6.7     | 3.3     | 5.0  |
| A05-361                    | 6.7     | 3.3     | 5.0  |
| A06-46                     | 6.7     | 3.3     | 5.0  |
| ARAMINTHA (PP 10847)       | 3.7     | 5.7     | 4.7  |
| ZINGER (A05-306)           | 5.0     | 4.3     | 4.7  |
| PST-T10-18                 | 4.0     | 5.0     | 4.5  |
| RAD-1492                   | 6.7     | 2.3     | 4.5  |
| RUSH                       | 6.7     | 2.3     | 4.5  |
| ENDURANCE (PST-K4-7)       | 5.0     | 3.3     | 4.2  |
| A04-36                     | 5.0     | 2.7     | 3.8  |
| RUBIX (4S2W)               | 0.7     | 7.0     | 3.8  |
| 3733                       | 3.3     | 4.0     | 3.7  |
| KENBLUE                    | 3.3     | 4.0     | 3.7  |
| BAR VV 112916              | 3.3     | 3.3     | 3.3  |
| BLUE NOTE                  | 4.7     | 2.0     | 3.3  |
| BLUEBANK (A03-1017)        | 5.0     | 1.7     | 3.3  |
| AWARD                      | 5.0     | 1.3     | 3.2  |
| BLUE COAT (AKB 2282)       | 3.0     | 3.3     | 3.2  |
| SRX 5321                   | 4.3     | 1.7     | 3.0  |
| J-1136                     | 4.0     | 1.7     | 2.8  |
| J-1853                     | 5.0     | 0.7     | 2.8  |
| MIDNIGHT                   | 5.0     | 0.7     | 2.8  |
| BAR PP 119326              | 2.7     | 1.7     | 2.2  |
| BAR PP 110358              | 4.0     | 0.0     | 2.0  |
| H99-1653                   | 1.7     | 2.3     | 2.0  |
| NU CHICAGO                 | 3.3     | 0.7     | 2.0  |
| J-1770                     | 3.0     | 0.0     | 1.5  |
| BARVETTE HGT (BAR VV 0709) | 0.7     | 0.3     | 0.5  |
| LSD VALUE                  | 11.1    | 10.9    | 8.1  |
| C.V. (%)                   | 68.7    | 89.3    | 60.2 |

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 39. PERCENT SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
 AT KNOXVILLE, TN 2/  
 2015 DATA

| NAME                 | AUGUST | SEPTEMBER | MEAN |
|----------------------|--------|-----------|------|
| LEGEND (A10-1)       | 25.0   | 28.3      | 26.7 |
| A00-2882             | 20.7   | 25.7      | 23.2 |
| WATERWORKS (A05-204) | 26.7   | 19.3      | 23.0 |
| ZINGER (A05-306)     | 23.3   | 19.0      | 21.2 |
| RUSH                 | 19.3   | 22.7      | 21.0 |
| ENDURANCE (PST-K4-7) | 19.3   | 20.7      | 20.0 |
| J-1136               | 16.7   | 22.7      | 19.7 |
| PST-K9-99            | 20.7   | 18.3      | 19.5 |
| H99-1653             | 11.7   | 23.3      | 17.5 |
| BLUEBANK (A03-1017)  | 16.7   | 17.3      | 17.0 |
| J-1770               | 17.3   | 16.7      | 17.0 |
| MERLOT (LTP-08-6)    | 17.3   | 16.7      | 17.0 |
| BAR VV 112916        | 23.3   | 10.0      | 16.7 |
| RUBIX (4S2W)         | 15.7   | 17.3      | 16.5 |
| EMPIRE               | 11.7   | 21.0      | 16.3 |
| KEENELAND (A04-342)  | 10.0   | 22.7      | 16.3 |
| AWARD                | 11.7   | 20.7      | 16.2 |
| AMERICA              | 17.7   | 14.3      | 16.0 |
| A00-4199             | 16.3   | 15.0      | 15.7 |
| AVID                 | 16.0   | 12.7      | 14.3 |
| J-1853               | 13.3   | 15.0      | 14.2 |
| A05-361              | 16.0   | 11.7      | 13.8 |
| BAR PP 119327        | 18.3   | 9.3       | 13.8 |
| A06-46               | 11.7   | 15.7      | 13.7 |
| A05-360              | 8.3    | 18.3      | 13.3 |
| ARAMINTHA (PP 10847) | 17.3   | 9.0       | 13.2 |
| A05-329              | 14.3   | 11.0      | 12.7 |
| A05-999              | 16.0   | 9.3       | 12.7 |
| MAZAMA (A04-74)      | 14.3   | 10.7      | 12.5 |
| THERMAL BLUE         | 15.7   | 9.3       | 12.5 |
| ZEDOR (PPH 9131)     | 15.0   | 10.0      | 12.5 |
| PST-T10-18           | 11.7   | 12.7      | 12.2 |
| PICK TD9             | 10.7   | 13.0      | 11.8 |
| BAR 12PP 612         | 11.7   | 11.7      | 11.7 |
| BURL 3-51            | 11.0   | 12.3      | 11.7 |
| OASIS (A98-344)      | 13.3   | 10.0      | 11.7 |
| BAR PP 119326        | 8.3    | 14.3      | 11.3 |
| PICK MP07            | 11.0   | 11.7      | 11.3 |
| RAD-849              | 13.3   | 9.3       | 11.3 |
| NU CHICAGO           | 10.3   | 11.0      | 10.7 |
| SRX 2758             | 11.7   | 9.7       | 10.7 |
| PST-K9-90            | 12.7   | 8.3       | 10.5 |
| GEISHA (DPPP818)     | 14.7   | 6.0       | 10.3 |
| SUDDEN IMPACT        | 5.7    | 15.0      | 10.3 |
| 3733                 | 11.7   | 8.3       | 10.0 |
| PICK 4340            | 5.0    | 15.0      | 10.0 |
| BARDUKE              | 10.3   | 9.3       | 9.8  |

TABLE 39. PERCENT SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
 (CONT'D) AT KNOXVILLE, TN 2/  
 2015 DATA

| NAME                       | AUGUST | SEPTEMBER | MEAN |
|----------------------------|--------|-----------|------|
| A06-26                     | 10.0   | 9.3       | 9.7  |
| PICK TD8                   | 11.7   | 7.7       | 9.7  |
| SRX 4338                   | 7.7    | 11.7      | 9.7  |
| BURL 06-11                 | 8.3    | 10.0      | 9.2  |
| PST-K9-97                  | 6.7    | 11.0      | 8.8  |
| A06-47                     | 8.3    | 9.0       | 8.7  |
| SKYE                       | 5.7    | 11.7      | 8.7  |
| BAR 8PP 504                | 8.3    | 8.7       | 8.5  |
| BLUE COAT (AKB 2282)       | 6.0    | 11.0      | 8.5  |
| AKB 2555                   | 6.7    | 10.0      | 8.3  |
| BLACKJACK                  | 8.3    | 8.3       | 8.3  |
| RAD-1492                   | 8.3    | 8.3       | 8.3  |
| BAR VV 118532              | 9.0    | 6.7       | 7.8  |
| A04-36                     | 10.0   | 5.3       | 7.7  |
| PICK 033                   | 5.0    | 10.3      | 7.7  |
| DAUNTLESS (A05-315)        | 10.0   | 5.0       | 7.5  |
| PST-K4-3                   | 8.3    | 6.7       | 7.5  |
| A01-1106                   | 10.0   | 4.7       | 7.3  |
| JACKRABBIT (PST-K10-106D)  | 7.7    | 6.7       | 7.2  |
| CABERNET                   | 1.7    | 12.3      | 7.0  |
| KENBLUE                    | 5.3    | 7.3       | 6.3  |
| SHAMROCK                   | 6.7    | 5.3       | 6.0  |
| SRX 466                    | 5.0    | 7.0       | 6.0  |
| BLUE NOTE                  | 5.0    | 6.7       | 5.8  |
| BARON                      | 9.7    | 1.7       | 5.7  |
| LUNAR (PST-07-261)         | 6.0    | 4.3       | 5.2  |
| A04-38                     | 6.0    | 3.3       | 4.7  |
| A05-TB-382                 | 1.7    | 6.7       | 4.2  |
| RAD-507                    | 6.7    | 1.7       | 4.2  |
| A98-363                    | 5.3    | 2.7       | 4.0  |
| ARROWHEAD                  | 1.7    | 6.0       | 3.8  |
| MIDNIGHT                   | 3.3    | 2.7       | 3.0  |
| BAR PP 110358              | 3.3    | 1.7       | 2.5  |
| SRX 5321                   | 3.3    | 1.7       | 2.5  |
| BARVETTE HGT (BAR VV 0709) | 2.7    | 0.0       | 1.3  |
| LSD VALUE                  | 14.6   | 21.7      | 16.3 |
| C.V. (%)                   | 62.4   | 75.6      | 62.6 |

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.



APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR KENTUCKY BLUEGRASS CULTIVARS \*/  
 2015 DATA  
 TURFGRASS QUALITY RATINGS 1 9; 9=IDEAL TURF \*\*/

| NAME                       | QUALITY |                          | NAME                      | QUALITY |                          |
|----------------------------|---------|--------------------------|---------------------------|---------|--------------------------|
|                            | MEAN 1/ | MAXIMUM<br>IN TOP 25% 2/ |                           | MEAN 1/ | MAXIMUM<br>IN TOP 25% 2/ |
| 3733                       | 5.4     | 13.3                     | H99-1653                  | 5.8     | 26.7                     |
| A00-2882                   | 5.6     | 26.7                     | J-1136                    | 6.1     | 40.0                     |
| A00-4199                   | 5.6     | 26.7                     | J-1770                    | 6.2     | 60.0                     |
| A01-1106                   | 5.8     | 33.3                     | J-1853                    | 6.1     | 66.7                     |
| A04-36                     | 5.5     | 0.0                      | JACKRABBIT (PST-K10-106D) | 5.4     | 6.7                      |
| A04-38                     | 5.8     | 33.3                     | KEENELAND (A04-342)       | 5.8     | 40.0                     |
| A05-329                    | 5.0     | 0.0                      | KENBLUE                   | 4.8     | 6.7                      |
| A05-360                    | 6.2     | 53.3                     | LEGEND (A10-1)            | 5.8     | 20.0                     |
| A05-361                    | 5.9     | 20.0                     | LUNAR (PST-07-261)        | 5.2     | 13.3                     |
| A05-999                    | 5.3     | 6.7                      | MAZAMA (A04-74)           | 6.0     | 40.0                     |
| A05-TB-382                 | 5.5     | 20.0                     | MERLOT (LTP-08-6)         | 5.8     | 33.3                     |
| A06-26                     | 5.5     | 13.3                     | MIDNIGHT                  | 6.1     | 46.7                     |
| A06-46                     | 6.4     | 66.7                     | NU CHICAGO                | 6.0     | 46.7                     |
| A06-47                     | 5.6     | 20.0                     | OASIS (A98-344)           | 5.8     | 20.0                     |
| A98-363                    | 5.5     | 13.3                     | PICK 033                  | 5.9     | 33.3                     |
| AKB 2555                   | 5.2     | 0.0                      | PICK 4340                 | 5.9     | 40.0                     |
| AMERICA                    | 5.5     | 6.7                      | PICK MPO7                 | 4.9     | 0.0                      |
| ARAMINTHA (PP 10847)       | 5.6     | 13.3                     | PICK TD8                  | 5.6     | 6.7                      |
| ARROWHEAD                  | 5.9     | 46.7                     | PICK TD9                  | 5.0     | 0.0                      |
| AVID                       | 5.3     | 13.3                     | PST-K4-3                  | 5.5     | 26.7                     |
| AWARD                      | 5.9     | 46.7                     | PST-K9-90                 | 5.6     | 33.3                     |
| BAR 12PP 612               | 5.2     | 6.7                      | PST-K9-97                 | 5.5     | 0.0                      |
| BAR 8PP 504                | 5.4     | 20.0                     | PST-K9-99                 | 5.0     | 6.7                      |
| BAR PP 110358              | 6.1     | 46.7                     | PST-T10-18                | 5.8     | 20.0                     |
| BAR PP 119326              | 5.3     | 13.3                     | RAD-1492                  | 5.3     | 6.7                      |
| BAR PP 119327              | 5.1     | 13.3                     | RAD-507                   | 5.6     | 20.0                     |
| BAR VV 112916              | 5.4     | 0.0                      | RAD-849                   | 5.4     | 13.3                     |
| BAR VV 118532              | 5.4     | 6.7                      | RUBIX (4S2W)              | 5.6     | 26.7                     |
| BARDUKE                    | 5.2     | 6.7                      | RUSH                      | 5.7     | 33.3                     |
| BARON                      | 5.3     | 6.7                      | SHAMROCK                  | 5.5     | 0.0                      |
| BARVETTE HGT (BAR VV 0709) | 5.9     | 26.7                     | SKYE                      | 6.0     | 40.0                     |
| BLACKJACK                  | 4.7     | 0.0                      | SRX 2758                  | 6.0     | 46.7                     |
| BLUE COAT (AKB 2282)       | 5.8     | 33.3                     | SRX 4338                  | 5.6     | 20.0                     |
| BLUE NOTE                  | 6.3     | 73.3                     | SRX 466                   | 6.2     | 46.7                     |
| BLUEBANK (A03-1017)        | 6.3     | 60.0                     | SRX 5321                  | 5.8     | 26.7                     |
| BURL 06-11                 | 5.6     | 20.0                     | SUDDEN IMPACT             | 6.0     | 60.0                     |
| BURL 3-51                  | 5.8     | 33.3                     | THERMAL BLUE              | 5.4     | 6.7                      |
| CABERNET                   | 5.9     | 26.7                     | WATERWORKS (A05-204)      | 5.3     | 13.3                     |
| DAUNTLESS (A05-315)        | 5.7     | 20.0                     | ZEDOR (PPH 9131)          | 5.1     | 6.7                      |
| EMPIRE                     | 5.7     | 26.7                     | ZINGER (A05-306)          | 5.3     | 6.7                      |
| ENDURANCE (PST-K4-7)       | 6.1     | 66.7                     |                           |         |                          |
| GEISHA (DPPP818)           | 5.3     | 6.7                      | LSD VALUE                 | 0.3     |                          |
|                            |         |                          | C.V. (%)                  | 13.0    |                          |

\*/ 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).

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

1/ MEAN AN AVERAGE OF ALL THE TURFGRASS QUALITY RATINGS FROM ALL LOCATIONS.

2/ MAXIMUM IN TOP 25% THE PERCENTAGE OF LOCATIONS WHERE THAT ENTRY FINISHED IN THE TOP 25% OF ALL ENTRIES.