

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.

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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>.

2014 NATIONAL BENTGRASS TEST
(Fairway/Tee)

LOCATIONS SUBMITTING DATA FOR 2015

| State | Location | Code |
|---------------|-------------------------------------|------|
| Arkansas | Fayetteville (Traffic) | AR2 |
| California | Riverside (Reduced Irrigation) | CA3 |
| Illinois | Urbana | IL1 |
| Indiana | West Lafayette (Reduced Irrigation) | IN1 |
| Iowa | Ames | IA1 |
| Kansas | Manhattan | KS1 |
| Kentucky | Lexington | KY1 |
| Massachusetts | Amherst (Traffic) | MA1 |
| Maryland | College Park | MD1 |
| Michigan | East Lansing | MI1 |
| Missouri | Columbia | MO1 |
| New Jersey | North Brunswick | NJ1 |
| North Dakota | Fargo | ND1 |
| Utah | Logan | UT1 |
| Virginia | Blacksburg | VA1 |
| Virginia | Blacksburg (Traffic) | VA2 |
| Washington | Pullman | WA1 |

2014 NATIONAL BENTGRASS TEST
(Fairway/Tee)

Entries and Sponsors

| Entry No | Name | Species | Sponsor |
|----------|---------------------|----------|---|
| 1 | DLFPS-AT/3026 | Colonial | DLF Pickseed USA |
| *2 | 007 | Creeping | Standard |
| *3 | Penncross | Creeping | Standard |
| *4 | Crystal Blue Links | Creeping | Standard |
| *5 | Greentime | Colonial | Standard |
| *6 | L-93XD | Creeping | Jacklin Seed by Simplot® |
| *7 | Armor | Creeping | Jacklin Seed by Simplot® |
| *8 | Kingdom | Creeping | Jacklin Seed by Simplot® |
| *9 | Nightlife | Creeping | Jacklin Seed by Simplot® |
| *10 | V-8 | Creeping | Jacklin Seed by Simplot® |
| 11 | Piranha (DC-1) | Creeping | Mountain View Seeds & Toyo Green Co. Ltd. |
| 12 | Musket (PPG-AT 104) | Colonial | Mountain View Seeds |
| 13 | Chinook (H10G-OP) | Creeping | Vista Seed Partners LLC |
| *14 | Shark | Creeping | Mountain View Seeds |
| *15 | Barracuda | Creeping | Mountain View Seeds |
| 16 | PST-0RBS | Creeping | Pure Seed Testing Inc |
| 17 | PST-0CV6 | Creeping | Pure Seed Testing Inc |

* Commercially Available in the USA in 2016

TABLE A. 2015 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN THE 2014 NATIONAL BENTGRASS (FAIRWAY/TEE) 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 |
|----------|---------------------|---------|-----------------------------|---------------------------|---------------------------|--------------|--------------------|---------------------------|
| AR2 | SILT LOAM AND SILT | 6.6-7.0 | 61-150 | 151-240 | 3.1-4.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| CA3 | SANDY LOAM | 7.1-7.5 | 0-60 | 241-375 | 2.1-3.0 | FULL SUN | 0.0-0.5 | ONLY DURING SEVERE STRESS |
| IA1 | SANDY CLAY LOAM | 7.1-7.5 | 0-60 | 0-150 | 2.1-3.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| IL1 | SILT LOAM AND SILT | 6.1-6.5 | 0-60 | 376-500 | 4.1-5.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| IN1 | SILT LOAM AND SILT | 7.1-7.5 | 61-150 | 151-240 | 2.1-3.0 | FULL SUN | 0.0-0.5 | TO PREVENT DORMANCY |
| KS1 | - | - | - | - | - | - | - | - |
| KY1 | SILT LOAM AND SILT | - | - | - | 2.1-3.0 | FULL SUN | 0.6-1.0 | TO PREVENT STRESS |
| MA1 | LOAM | 5.6-6.0 | 0-60 | 241-375 | 2.1-3.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| MD1 | SILT LOAM AND SILT | 6.1-6.5 | 61-150 | 151-240 | 2.1-3.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| MI1 | - | - | - | - | - | - | - | - |
| MO1 | - | - | - | - | - | - | - | - |
| ND1 | SILTY CLAY AND CLAY | 7.1-7.5 | 0-60 | 151-240 | 2.1-3.0 | FULL SUN | 0.0-0.5 | TO PREVENT DORMANCY |
| NJ1 | SANDY LOAM | 5.6-6.0 | 271-450 | 241-375 | 1.1-2.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| UT1 | - | - | - | - | - | - | - | - |
| VA1 | SILTY CLAY LOAM | 6.1-6.5 | 61-150 | 151-240 | 3.1-4.0 | FULL SUN | 0.6-1.0 | TO PREVENT DORMANCY |
| VA2 | SILTY CLAY LOAM | 6.1-6.5 | 61-150 | 151-240 | 3.1-4.0 | FULL SUN | 0.6-1.0 | TO PREVENT DORMANCY |
| WA1 | SILT LOAM AND SILT | 5.6-6.0 | 451+ | 501+ | 2.1-3.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |

| LOCATIONS AND DATA COLLECTED IN 2015 | | | | | | | | | | | | | | | |
|--------------------------------------|------------------------------|-------------------------------|----------------------------|----------------------------|--------------------------|---------------------------|---------------------------|-----------------------------|--------------------------------|------------------------------|-------------------------------|-------------------------------|------------------|-------------------|-----------------|
| LOCATION | JANUARY QUALITY RATING | FEBRUARY QUALITY RATING | MARCH QUALITY RATING | APRIL QUALITY RATING | MAY QUALITY RATING | JUNE QUALITY RATING | JULY QUALITY RATING | AUGUST QUALITY RATING | SEPTEMBER QUALITY RATING | OCTOBER QUALITY RATING | NOVEMBER QUALITY RATING | DECEMBER QUALITY RATING | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE |
| AR2 | | | | | X | X | X | X | X | | | | X | | |
| CA3 | X | X | X | X | X | X | X | X | X | X | X | X | X | | |
| IA1 | | | | X | X | X | X | X | X | X | | | X | | |
| IL1 | | | | X | X | X | X | X | X | X | | | X | | |
| IN1 | | | | | X | X | X | X | X | X | X | | | | X |
| KS1 | | | | X | X | X | X | X | | X | | | X | | |
| KY1 | | | X | X | X | X | X | X | X | X | X | | X | | |
| MA1 | | | | | | | | X | X | X | X | | | | |
| MD1 | | | | | | X | X | X | X | X | X | | | | |
| MI1 | | | | | X | X | X | X | X | X | | | X | X | |
| MO1 | | | | X | X | X | X | X | X | X | | | X | | |
| ND1 | | | | | X | X | X | X | X | | | | | X | |
| NJ1 | | | | X | X | X | X | X | X | X | X | | X | X | X |
| UT1 | | | | | | | | X | X | X | | | | | |
| VA1 | | | | | | X | X | | X | X | X | | X | X | |
| VA2 | | | | | | X | X | | X | X | X | | X | X | |
| WA1 | | | | | | | X | X | X | X | | | X | | |

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2015

| LOCATION | SEEDLING VIGOR | SPRING DENSITY | SUMMER DENSITY | FALL DENSITY | PERCENT COVER SPRING | PERCENT COVER SUMMER | PERCENT COVER FALL | DOLLAR SPOT | BROWN PATCH WARM TEMP. | PYTHIUM ROOT ROT | FALL COLOR NOVEMBER | PERCENT ESTABLISHMENT | DOLLAR JUNE | SPOT JULY | RATING AUGUST |
|----------|----------------|----------------|----------------|--------------|----------------------|----------------------|--------------------|-------------|------------------------|------------------|---------------------|-----------------------|-------------|-----------|---------------|
| AR2 | X | | | | X | X | X | X | | | | | | | |
| CA3 | X | | | | X | X | X | | | | | | | | |
| IA1 | | | | | | | | | | | | | | | |
| IL1 | | | | | | | | | | | X | X | | | |
| IN1 | | X | X | | | | | | | | | | | | |
| KS1 | | | | | | | | X | | | | | X | X | X |
| KY1 | | | | | X | | | | | | | X | | | |
| * MA1 | | | | | | | | | | | | X | | | |
| MD1 | | | | | | | | X | X | | | X | | | |
| MI1 | | | | | | | | X | | | | X | | | |
| MO1 | X | | | | | | | X | X | | | X | | | |
| ND1 | | X | X | X | X | X | X | | | | | | | | |
| NJ1 | X | | | X | | | X | X | X | X | | | | | |
| UT1 | X | | | | | | | | | | | | | | |
| VA1 | | | | | X | X | | | | | | | | | |
| * VA2 | | | | | | | | | | | | | | | |
| WA1 | X | | | | | | | | | | | | | | |

* MORE TRAFFIC DATA FOR MA1 AND VA2 IN TABLE 5-6.

TABLE 1A. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 **/
2015 DATA

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

| NAME | NJ1 | VA1 | KY1 | IL1 | MI1 | IA1 | KS1 | MEAN |
|----------------------|-----|-----|-----|------|-----|-----|-----|------|
| * PIRANHA (DC-1) | 7.4 | 7.6 | 7.6 | 4.6 | 6.8 | 5.9 | 5.6 | 6.5 |
| * L-93XD | 7.3 | 7.6 | 7.3 | 4.2 | 6.4 | 5.7 | 5.3 | 6.2 |
| * CHINOOK (H10G-OP) | 6.3 | 7.2 | 7.4 | 4.5 | 6.6 | 5.9 | 5.6 | 6.2 |
| * 007 | 7.1 | 7.7 | 7.0 | 3.7 | 6.5 | 5.8 | 5.1 | 6.1 |
| * BARRACUDA | 6.3 | 7.2 | 7.2 | 4.3 | 6.3 | 5.7 | 5.3 | 6.0 |
| * V-8 | 6.0 | 7.0 | 7.1 | 4.2 | 6.3 | 5.7 | 5.3 | 5.9 |
| * SHARK | 5.6 | 6.7 | 7.2 | 4.4 | 6.3 | 5.6 | 5.4 | 5.9 |
| DLFPS-AT/3026 | 6.1 | 6.2 | 7.2 | 4.5 | 6.3 | 5.1 | 5.2 | 5.8 |
| * CRYSTAL BLUE LINKS | 5.5 | 6.9 | 7.0 | 4.1 | 6.0 | 5.6 | 5.2 | 5.8 |
| * NIGHTLIFE | 5.6 | 7.2 | 7.0 | 4.2 | 5.5 | 5.6 | 5.2 | 5.7 |
| * KINGDOM | 4.8 | 7.1 | 7.0 | 4.3 | 5.3 | 5.7 | 5.3 | 5.7 |
| MUSKET (PPG-AT 104) | 5.6 | 6.1 | 7.0 | 4.4 | 6.0 | 5.1 | 5.1 | 5.6 |
| PST-ORBS | 4.9 | 6.6 | 7.0 | 4.4 | 5.6 | 5.4 | 5.2 | 5.6 |
| PST-DCV6 | 5.3 | 6.7 | 7.0 | 4.4 | 5.3 | 5.3 | 5.1 | 5.6 |
| * ARMOR | 4.5 | 6.3 | 7.2 | 5.1 | 4.9 | 5.3 | 5.3 | 5.5 |
| * GREENTIME | 4.4 | 5.3 | 7.0 | 4.9 | 5.3 | 4.7 | 5.0 | 5.2 |
| * PENNCROSS | 2.8 | 5.1 | 6.3 | 4.0 | 4.8 | 4.7 | 4.7 | 4.6 |
| LSD VALUE | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| C.V. (%) | 8.0 | 6.7 | 6.3 | 10.3 | 7.6 | 8.2 | 8.6 | 7.8 |

*/ COMMERCIALLY 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

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.

Taken from the 2014 Bentgrass (Fairway/ Tee) test - 2015 data report with permission from NTEP

TABLE 1B.

MEAN TURFGRASS QUALITY RATINGS OF CREEPING BENTGRASS CULTIVARS GROWN ON 1/
 A FAIRWAY OR TEE GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 */
 2015 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

| NAME | NJ1 | VA1 | KY1 | IL1 | MI1 | IA1 | KS1 | MEAN |
|--------------------|-----|-----|-----|------|-----|-----|-----|------|
| PIRANHA (DC-1) | 7.4 | 7.6 | 7.6 | 4.6 | 6.8 | 5.9 | 5.6 | 6.5 |
| L-93XD | 7.3 | 7.6 | 7.3 | 4.2 | 6.4 | 5.7 | 5.3 | 6.2 |
| CHINOOK (H10G-OP) | 6.3 | 7.2 | 7.4 | 4.5 | 6.6 | 5.9 | 5.6 | 6.2 |
| 007 | 7.1 | 7.7 | 7.0 | 3.7 | 6.5 | 5.8 | 5.1 | 6.1 |
| BARRACUDA | 6.3 | 7.2 | 7.2 | 4.3 | 6.3 | 5.7 | 5.3 | 6.0 |
| V-8 | 6.0 | 7.0 | 7.1 | 4.2 | 6.3 | 5.7 | 5.3 | 5.9 |
| SHARK | 5.6 | 6.7 | 7.2 | 4.4 | 6.3 | 5.6 | 5.4 | 5.9 |
| CRYSTAL BLUE LINKS | 5.5 | 6.9 | 7.0 | 4.1 | 6.0 | 5.6 | 5.2 | 5.8 |
| NIGHTLIFE | 5.6 | 7.2 | 7.0 | 4.2 | 5.5 | 5.6 | 5.2 | 5.7 |
| KINGDOM | 4.8 | 7.1 | 7.0 | 4.3 | 5.3 | 5.7 | 5.3 | 5.7 |
| PST-ORBS | 4.9 | 6.6 | 7.0 | 4.4 | 5.6 | 5.4 | 5.2 | 5.6 |
| PST-DCV6 | 5.3 | 6.7 | 7.0 | 4.4 | 5.3 | 5.3 | 5.1 | 5.6 |
| ARMOR | 4.5 | 6.3 | 7.2 | 5.1 | 4.9 | 5.3 | 5.3 | 5.5 |
| PENNCROSS | 2.8 | 5.1 | 6.3 | 4.0 | 4.8 | 4.7 | 4.7 | 4.6 |
| LSD VALUE | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| C.V. (%) | 7.9 | 6.5 | 6.3 | 10.4 | 7.6 | 8.1 | 8.5 | 7.7 |

TABLE 1C.

MEAN TURFGRASS QUALITY RATINGS OF COLONIAL BENTGRASS CULTIVARS GROWN ON 1/
 A FAIRWAY OR TEE GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 */
 2015 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

| NAME | NJ1 | VA1 | KY1 | IL1 | MI1 | IA1 | KS1 | MEAN |
|---------------------|-----|-----|-----|-----|-----|-----|-----|------|
| DLFPS-AT/3026 | 6.1 | 6.2 | 7.2 | 4.5 | 6.3 | 5.1 | 5.2 | 5.8 |
| MUSKET (PPG-AT 104) | 5.6 | 6.1 | 7.0 | 4.4 | 6.0 | 5.1 | 5.1 | 5.6 |
| GREENTIME | 4.4 | 5.3 | 7.0 | 4.9 | 5.3 | 4.7 | 5.0 | 5.2 |
| LSD VALUE | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| C.V. (%) | 8.3 | 7.6 | 6.4 | 9.8 | 7.6 | 9.0 | 8.8 | 8.1 |

*/ 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

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 2A. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
2015 DATA

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

| NAME | ND1 | UT1 | WA1 | MEAN |
|---------------------|-----|-----|-----|------|
| KINGDOM | 6.0 | 7.3 | 7.4 | 6.9 |
| NIGHTLIFE | 5.4 | 7.1 | 6.8 | 6.4 |
| ARMOR | 4.7 | 7.3 | 6.9 | 6.3 |
| CRYSTAL BLUE LINKS | 6.0 | 6.4 | 6.4 | 6.3 |
| PST-ORBS | 5.6 | 6.5 | 6.5 | 6.2 |
| CHINOOK (H10G-OP) | 5.9 | 6.4 | 6.2 | 6.2 |
| BARRACUDA | 5.6 | 6.5 | 6.2 | 6.1 |
| V-8 | 5.9 | 6.2 | 6.1 | 6.1 |
| PIRANHA (DC-1) | 5.3 | 6.8 | 6.1 | 6.1 |
| PST-DCV6 | 4.9 | 6.9 | 6.5 | 6.1 |
| 007 | 5.6 | 6.5 | 6.0 | 6.0 |
| SHARK | 6.0 | 6.0 | 6.1 | 6.0 |
| L-93XD | 4.9 | 6.7 | 5.9 | 5.9 |
| PENNCROSS | 5.8 | 5.2 | 5.9 | 5.6 |
| MUSKET (PPG-AT 104) | 4.9 | 5.6 | 5.3 | 5.3 |
| GREENTIME | 4.3 | 5.6 | 5.3 | 5.1 |
| DLFPS-AT/3026 | 4.7 | 5.5 | 5.0 | 5.1 |
| LSD VALUE | 0.7 | 0.7 | 0.7 | 0.7 |
| C.V. (%) | 8.3 | 7.0 | 7.3 | 7.5 |

*/ 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

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

Taken from the 2014 Bentgrass (Fairway/ Tee) test - 2015 data report with permission from NTEP

TABLE 2B. MEAN TURFGRASS QUALITY RATINGS OF CREEPING BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
2015 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

| NAME | ND1 | UT1 | WA1 | MEAN |
|--------------------|-----|-----|-----|------|
| KINGDOM | 6.0 | 7.3 | 7.4 | 6.9 |
| NIGHTLIFE | 5.4 | 7.1 | 6.8 | 6.4 |
| ARMOR | 4.7 | 7.3 | 6.9 | 6.3 |
| CRYSTAL BLUE LINKS | 6.0 | 6.4 | 6.4 | 6.3 |
| PST-ORBS | 5.6 | 6.5 | 6.5 | 6.2 |
| CHINOOK (H10G-OP) | 5.9 | 6.4 | 6.2 | 6.2 |
| BARRACUDA | 5.6 | 6.5 | 6.2 | 6.1 |
| V-8 | 5.9 | 6.2 | 6.1 | 6.1 |
| PIRANHA (DC-1) | 5.3 | 6.8 | 6.1 | 6.1 |
| PST-DCV6 | 4.9 | 6.9 | 6.5 | 6.1 |
| 007 | 5.6 | 6.5 | 6.0 | 6.0 |
| SHARK | 6.0 | 6.0 | 6.1 | 6.0 |
| L-93XD | 4.9 | 6.7 | 5.9 | 5.9 |
| PENNCROSS | 5.8 | 5.2 | 5.9 | 5.6 |
| LSD VALUE | 0.7 | 0.7 | 0.7 | 0.7 |
| C.V. (%) | 8.1 | 6.8 | 7.1 | 7.3 |

TABLE 2C. MEAN TURFGRASS QUALITY RATINGS OF COLONIAL BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
2015 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

| NAME | ND1 | UT1 | WA1 | MEAN |
|---------------------|-----|-----|-----|------|
| MUSKET (PPG-AT 104) | 4.9 | 5.6 | 5.3 | 5.3 |
| GREENTIME | 4.3 | 5.6 | 5.3 | 5.1 |
| DLFPS-AT/3026 | 4.7 | 5.5 | 5.0 | 5.1 |
| LSD VALUE | 0.7 | 0.7 | 0.7 | 0.7 |
| C.V. (%) | 9.7 | 8.1 | 8.6 | 8.7 |

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

TABLE 3A. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 3 */
2015 DATA

| TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/ | | | |
|--|-----|-----|------|
| NAME | MD1 | M01 | MEAN |
| 007 | 7.7 | 6.0 | 6.9 |
| PIRANHA (DC-1) | 7.6 | 6.0 | 6.8 |
| L-93XD | 7.6 | 5.7 | 6.6 |
| CHINOOK (H10G-OP) | 7.2 | 5.8 | 6.5 |
| BARRACUDA | 7.2 | 5.7 | 6.5 |
| V-8 | 7.0 | 5.7 | 6.3 |
| CRYSTAL BLUE LINKS | 6.9 | 5.6 | 6.3 |
| NIGHTLIFE | 7.2 | 5.4 | 6.3 |
| KINGDOM | 7.1 | 5.4 | 6.3 |
| SHARK | 6.7 | 5.6 | 6.2 |
| PST-ORBS | 6.6 | 5.2 | 5.9 |
| PST-DCV6 | 6.7 | 5.0 | 5.8 |
| DLFPS-AT/3026 | 6.2 | 5.0 | 5.6 |
| MUSKET (PPG-AT 104) | 6.1 | 4.9 | 5.5 |
| ARMOR | 6.3 | 4.6 | 5.4 |
| PENNCROSS | 5.1 | 4.3 | 4.7 |
| GREENTIME | 5.3 | 4.2 | 4.7 |
| LSD VALUE | 0.7 | 0.7 | 0.7 |
| C.V. (%) | 6.7 | 8.5 | 7.5 |

*/ 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

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Taken from the 2014 Bentgrass (Fairway/ Tee) test - 2015 data report with permission from NTEP

TABLE 3B. MEAN TURFGRASS QUALITY RATINGS OF CREEPING BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 3 */
2015 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

| NAME | MD1 | M01 | MEAN |
|--------------------|-----|-----|------|
| 007 | 7.7 | 6.0 | 6.9 |
| PIRANHA (DC-1) | 7.6 | 6.0 | 6.8 |
| L-93XD | 7.6 | 5.7 | 6.6 |
| CHINOOK (H10G-OP) | 7.2 | 5.8 | 6.5 |
| BARRACUDA | 7.2 | 5.7 | 6.5 |
| V-8 | 7.0 | 5.7 | 6.3 |
| CRYSTAL BLUE LINKS | 6.9 | 5.6 | 6.3 |
| NIGHTLIFE | 7.2 | 5.4 | 6.3 |
| KINGDOM | 7.1 | 5.4 | 6.3 |
| SHARK | 6.7 | 5.6 | 6.2 |
| PST-ORBS | 6.6 | 5.2 | 5.9 |
| PST-DCV6 | 6.7 | 5.0 | 5.8 |
| ARMOR | 6.3 | 4.6 | 5.4 |
| PENNCROSS | 5.1 | 4.3 | 4.7 |
| LSD VALUE | 0.7 | 0.7 | 0.7 |
| C.V. (%) | 6.5 | 8.3 | 7.3 |

TABLE 3C. MEAN TURFGRASS QUALITY RATINGS OF COLONIAL BENTGRASS CULTIVARS GROWN ON 1/
A FAIRWAY OR TEE GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 3 */
2015 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

| NAME | MD1 | M01 | MEAN |
|---------------------|-----|-----|------|
| DLFPS-AT/3026 | 6.2 | 5.0 | 5.6 |
| MUSKET (PPG-AT 104) | 6.1 | 4.9 | 5.5 |
| GREENTIME | 5.3 | 4.2 | 4.7 |
| LSD VALUE | 0.7 | 0.7 | 0.7 |
| C.V. (%) | 7.6 | 9.5 | 8.5 |

*/ 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

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.

Taken from the 2014 Bentgrass (Fairway/ Tee) test - 2015 data report with permission from NTEP

TABLE 4A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE UNDER TRAFFIC STRESS AT FAYETTEVILLE, AR 1/
2015 DATA

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

| NAME | GENETIC COLOR | SEEDLING VIGOR | PERCENT COVER SPRING | PERCENT COVER SUMMER | PERCENT COVER FALL | DOLLAR SPOT | MAY | JUN | QUALITY RATINGS | | | MEAN |
|---------------------|------------------|-------------------|----------------------------|----------------------------|--------------------------|----------------|------|-----|-----------------|------|------|------|
| | | | | | | | | | JUL | AUG | SEP | |
| MUSKET (PPG-AT 104) | 6.0 | 7.7 | 98.3 | 96.0 | 92.0 | 9.0 | 8.0 | 8.0 | 8.3 | 6.7 | 6.7 | 7.5 |
| GREENTIME | 6.0 | 7.3 | 97.7 | 92.0 | 80.0 | 8.3 | 7.7 | 7.3 | 7.7 | 7.3 | 6.0 | 7.2 |
| DLFPS-AT/3026 | 6.0 | 7.3 | 97.0 | 99.0 | 94.7 | 9.0 | 7.0 | 7.0 | 8.0 | 7.0 | 6.7 | 7.1 |
| L-93XD | 7.3 | 6.7 | 93.3 | 96.0 | 87.3 | 8.3 | 6.0 | 7.3 | 8.7 | 7.0 | 6.7 | 7.1 |
| CHINOOK (H10G-OP) | 7.3 | 7.0 | 96.0 | 93.0 | 78.0 | 8.0 | 5.7 | 6.7 | 8.3 | 6.7 | 5.7 | 6.6 |
| PIRANHA (DC-1) | 7.7 | 7.7 | 95.7 | 95.7 | 85.0 | 7.7 | 6.3 | 7.0 | 7.3 | 6.7 | 5.7 | 6.6 |
| CRYSTAL BLUE LINKS | 7.0 | 7.7 | 96.0 | 66.7 | 62.0 | 7.3 | 7.3 | 6.7 | 7.7 | 5.7 | 5.0 | 6.5 |
| V-8 | 7.0 | 7.3 | 96.7 | 86.3 | 74.0 | 7.3 | 6.0 | 7.3 | 7.7 | 6.0 | 5.3 | 6.5 |
| 007 | 7.3 | 7.0 | 96.0 | 90.7 | 78.3 | 8.0 | 6.0 | 7.0 | 7.7 | 6.0 | 5.3 | 6.4 |
| BARRACUDA | 7.3 | 7.7 | 91.0 | 78.0 | 64.0 | 8.0 | 6.3 | 6.7 | 8.0 | 5.7 | 4.7 | 6.3 |
| NIGHTLIFE | 8.3 | 6.0 | 93.7 | 75.7 | 66.3 | 6.3 | 5.3 | 7.0 | 6.3 | 5.3 | 5.3 | 5.9 |
| SHARK | 7.0 | 8.0 | 96.0 | 85.0 | 70.7 | 6.0 | 6.3 | 7.3 | 5.7 | 5.7 | 4.7 | 5.9 |
| KINGDOM | 8.7 | 6.7 | 94.7 | 77.7 | 79.7 | 5.7 | 5.7 | 7.0 | 6.3 | 4.7 | 5.0 | 5.7 |
| PST-ORBS | 7.7 | 7.7 | 97.7 | 63.0 | 60.3 | 5.7 | 6.7 | 7.0 | 5.0 | 4.7 | 4.7 | 5.6 |
| PENNCROSS | 7.0 | 7.3 | 94.7 | 64.3 | 76.7 | 6.0 | 5.3 | 5.7 | 5.7 | 5.3 | 5.7 | 5.5 |
| ARMOR | 8.0 | 6.0 | 93.3 | 72.3 | 75.7 | 4.0 | 4.7 | 6.0 | 4.3 | 5.3 | 4.7 | 5.0 |
| PST-DCV6 | 7.3 | 8.0 | 97.0 | 54.7 | 38.7 | 4.7 | 5.7 | 7.0 | 4.3 | 3.7 | 3.7 | 4.9 |
| LSD VALUE | 0.6 | 2.4 | 4.2 | 13.6 | 31.9 | 1.4 | 1.3 | 1.0 | 1.1 | 1.2 | 1.8 | 0.5 |
| C.V. (%) | 5.6 | 12.7 | 2.2 | 10.4 | 20.8 | 12.9 | 11.7 | 7.6 | 9.9 | 12.3 | 16.6 | 5.6 |

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

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

Taken from the 2014 Bentgrass (Fairway/ Tee) test - 2015 data report with permission from NTEP

TABLE 4B. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF CREEPING BENTGRASS CULTIVARS GROWN ON A FAIRWAY OR TEE UNDER TRAFFIC STRESS AT FAYETTEVILLE, AR 1/ 2015 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME | GENETIC COLOR | SEEDLING VIGOR | PERCENT COVER SPRING | PERCENT COVER SUMMER | PERCENT COVER FALL | DOLLAR SPOT | MAY | JUN | QUALITY RATINGS | | | MEAN |
|--------------------|---------------|----------------|----------------------|----------------------|--------------------|-------------|------|-----|-----------------|------|------|------|
| | | | | | | | | | JUL | AUG | SEP | |
| L-93XD | 7.3 | 6.7 | 93.3 | 96.0 | 87.3 | 8.3 | 6.0 | 7.3 | 8.7 | 7.0 | 6.7 | 7.1 |
| CHINOOK (H10G-OP) | 7.3 | 7.0 | 96.0 | 93.0 | 78.0 | 8.0 | 5.7 | 6.7 | 8.3 | 6.7 | 5.7 | 6.6 |
| PIRANHA (DC-1) | 7.7 | 7.7 | 95.7 | 95.7 | 85.0 | 7.7 | 6.3 | 7.0 | 7.3 | 6.7 | 5.7 | 6.6 |
| CRYSTAL BLUE LINKS | 7.0 | 7.7 | 96.0 | 66.7 | 62.0 | 7.3 | 7.3 | 6.7 | 7.7 | 5.7 | 5.0 | 6.5 |
| V-8 | 7.0 | 7.3 | 96.7 | 86.3 | 74.0 | 7.3 | 6.0 | 7.3 | 7.7 | 6.0 | 5.3 | 6.5 |
| 007 | 7.3 | 7.0 | 96.0 | 90.7 | 78.3 | 8.0 | 6.0 | 7.0 | 7.7 | 6.0 | 5.3 | 6.4 |
| BARRACUDA | 7.3 | 7.7 | 91.0 | 78.0 | 64.0 | 8.0 | 6.3 | 6.7 | 8.0 | 5.7 | 4.7 | 6.3 |
| NIGHTLIFE | 8.3 | 6.0 | 93.7 | 75.7 | 66.3 | 6.3 | 5.3 | 7.0 | 6.3 | 5.3 | 5.3 | 5.9 |
| SHARK | 7.0 | 8.0 | 96.0 | 85.0 | 70.7 | 6.0 | 6.3 | 7.3 | 5.7 | 5.7 | 4.7 | 5.9 |
| KINGDOM | 8.7 | 6.7 | 94.7 | 77.7 | 79.7 | 5.7 | 5.7 | 7.0 | 6.3 | 4.7 | 5.0 | 5.7 |
| PST-ORBS | 7.7 | 7.7 | 97.7 | 63.0 | 60.3 | 5.7 | 6.7 | 7.0 | 5.0 | 4.7 | 4.7 | 5.6 |
| PENNCROSS | 7.0 | 7.3 | 94.7 | 64.3 | 76.7 | 6.0 | 5.3 | 5.7 | 5.7 | 5.3 | 5.7 | 5.5 |
| ARMOR | 8.0 | 6.0 | 93.3 | 72.3 | 75.7 | 4.0 | 4.7 | 6.0 | 4.3 | 5.3 | 4.7 | 5.0 |
| PST-DCV6 | 7.3 | 8.0 | 97.0 | 54.7 | 38.7 | 4.7 | 5.7 | 7.0 | 4.3 | 3.7 | 3.7 | 4.9 |
| LSD VALUE | 0.8 | 2.1 | 5.2 | 15.3 | 37.1 | 1.6 | 1.5 | 1.2 | 1.1 | 1.1 | 2.0 | 0.5 |
| C.V. (%) | 5.8 | 12.5 | 2.4 | 11.7 | 22.8 | 14.8 | 12.3 | 8.1 | 10.8 | 11.6 | 17.6 | 5.6 |

TABLE 4C. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COLONIAL BENTGRASS CULTIVARS GROWN ON A FAIRWAY OR TEE UNDER TRAFFIC STRESS AT FAYETTEVILLE, AR 1/ 2015 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME | GENETIC COLOR | SEEDLING VIGOR | PERCENT COVER SPRING | PERCENT COVER SUMMER | PERCENT COVER FALL | DOLLAR SPOT | MAY | JUN | QUALITY RATINGS | | | MEAN |
|---------------------|---------------|----------------|----------------------|----------------------|--------------------|-------------|-----|-----|-----------------|------|------|------|
| | | | | | | | | | JUL | AUG | SEP | |
| MUSKET (PPG-AT 104) | 6 | 7.7 | 98.3 | 96.0 | 92.0 | 9.0 | 8.0 | 8.0 | 8.3 | 6.7 | 6.7 | 7.5 |
| GREENTIME | 6 | 7.3 | 97.7 | 92.0 | 80.0 | 8.3 | 7.7 | 7.3 | 7.7 | 7.3 | 6.0 | 7.2 |
| DLFPS-AT/3026 | 6 | 7.3 | 97.0 | 99.0 | 94.7 | 9.0 | 7.0 | 7.0 | 8.0 | 7.0 | 6.7 | 7.1 |
| LSD VALUE | 0 | 2.0 | 1.3 | 6.5 | 12.4 | 0.8 | 1.2 | 0.8 | 0.9 | 2.5 | 1.8 | 0.7 |
| C.V. (%) | 0 | 11.8 | 0.6 | 2.9 | 6.0 | 3.8 | 7.0 | 4.5 | 5.1 | 15.4 | 12.1 | 4.1 |

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

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

TABLE 5A. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS GROWN ON A FAIRWAY OR TEE UNDER TRAFFIC STRESS AT AMHERST, MA 1/ 2015 DATA

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

| NAME | PERCENT ESTABLISHMENT | WEAR TOLERANCE RATINGS | | | QUALITY RATINGS | | | MEAN | |
|---------------------|-----------------------|------------------------|---------|----------|-----------------|------|-----|------|-----|
| | | SEPTEMBER | OCTOBER | NOVEMBER | AUG | SEP | OCT | | NOV |
| DLFPS-AT/3026 | 50.0 | 3.3 | 2.3 | 4.7 | 6.7 | 6.3 | 6.0 | 6.0 | 6.3 |
| NIGHTLIFE | 45.0 | 7.3 | 5.7 | 6.3 | 5.7 | 7.0 | 6.7 | 5.7 | 6.3 |
| BARRACUDA | 45.0 | 5.0 | 4.0 | 5.3 | 5.7 | 6.7 | 6.0 | 6.0 | 6.1 |
| PST-DCV6 | 40.0 | 5.0 | 5.0 | 5.3 | 5.3 | 6.0 | 7.0 | 5.7 | 6.0 |
| ARMOR | 43.3 | 6.3 | 5.0 | 5.7 | 5.7 | 6.0 | 6.3 | 5.0 | 5.8 |
| CHINOOK (H10G-OP) | 45.0 | 5.0 | 4.0 | 5.0 | 5.0 | 5.7 | 6.3 | 6.0 | 5.8 |
| PIRANHA (DC-1) | 40.0 | 5.7 | 5.0 | 5.7 | 5.3 | 6.3 | 6.3 | 5.3 | 5.8 |
| 007 | 45.0 | 5.7 | 5.0 | 6.0 | 5.7 | 5.7 | 6.0 | 5.3 | 5.7 |
| KINGDOM | 43.3 | 6.7 | 6.0 | 5.3 | 5.3 | 6.3 | 6.0 | 5.0 | 5.7 |
| SHARK | 43.3 | 5.3 | 5.3 | 5.7 | 5.0 | 6.0 | 6.3 | 5.3 | 5.7 |
| MUSKET (PPG-AT 104) | 43.3 | 3.7 | 3.0 | 5.0 | 6.0 | 5.7 | 5.3 | 5.3 | 5.6 |
| L-93XD | 40.0 | 5.0 | 4.7 | 5.3 | 5.7 | 6.3 | 5.3 | 4.7 | 5.5 |
| V-8 | 46.7 | 5.0 | 4.7 | 5.0 | 5.0 | 6.0 | 6.0 | 5.0 | 5.5 |
| GREENTIME | 48.3 | 4.3 | 3.3 | 4.3 | 6.0 | 5.0 | 5.0 | 5.0 | 5.3 |
| PST-ORBS | 43.3 | 5.0 | 4.3 | 4.3 | 5.0 | 5.7 | 6.0 | 4.7 | 5.3 |
| CRYSTAL BLUE LINKS | 40.0 | 5.0 | 4.7 | 4.3 | 5.0 | 5.3 | 5.0 | 4.7 | 5.0 |
| PENNCROSS | 45.0 | 4.0 | 4.0 | 4.0 | 4.3 | 4.7 | 5.3 | 4.7 | 4.8 |
| LSD VALUE | 5.7 | 0.7 | 0.7 | 1.0 | 0.8 | 1.1 | 0.9 | 0.7 | 0.5 |
| C.V. (%) | 6.7 | 8.6 | 9.7 | 11.1 | 8.2 | 10.0 | 8.4 | 7.3 | 5.1 |

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

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

Taken from the 2014 Bentgrass (Fairway/ Tee) test - 2015 data report with permission from NTEP

TABLE 5B. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE UNDER TRAFFIC STRESS AT AMHERST, MA 1/
2015 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME | PERCENT ESTABLISH- MENT | WEAR TOLERANCE RATINGS | | | QUALITY RATINGS | | | | MEAN |
|--------------------|-------------------------------|------------------------|---------|----------|-----------------|------|-----|-----|------|
| | | SEPTEMBER | OCTOBER | NOVEMBER | AUG | SEP | OCT | NOV | |
| NIGHTLIFE | 45.0 | 7.3 | 5.7 | 6.3 | 5.7 | 7.0 | 6.7 | 5.7 | 6.3 |
| BARRACUDA | 45.0 | 5.0 | 4.0 | 5.3 | 5.7 | 6.7 | 6.0 | 6.0 | 6.1 |
| PST-DCV6 | 40.0 | 5.0 | 5.0 | 5.3 | 5.3 | 6.0 | 7.0 | 5.7 | 6.0 |
| ARMOR | 43.3 | 6.3 | 5.0 | 5.7 | 5.7 | 6.0 | 6.3 | 5.0 | 5.8 |
| CHINOOK (H10G-OP) | 45.0 | 5.0 | 4.0 | 5.0 | 5.0 | 5.7 | 6.3 | 6.0 | 5.8 |
| PIRANHA (DC-1) | 40.0 | 5.7 | 5.0 | 5.7 | 5.3 | 6.3 | 6.3 | 5.3 | 5.8 |
| 007 | 45.0 | 5.7 | 5.0 | 6.0 | 5.7 | 5.7 | 6.0 | 5.3 | 5.7 |
| KINGDOM | 43.3 | 6.7 | 6.0 | 5.3 | 5.3 | 6.3 | 6.0 | 5.0 | 5.7 |
| SHARK | 43.3 | 5.3 | 5.3 | 5.7 | 5.0 | 6.0 | 6.3 | 5.3 | 5.7 |
| L-93XD | 40.0 | 5.0 | 4.7 | 5.3 | 5.7 | 6.3 | 5.3 | 4.7 | 5.5 |
| V-8 | 46.7 | 5.0 | 4.7 | 5.0 | 5.0 | 6.0 | 6.0 | 5.0 | 5.5 |
| PST-ORBS | 43.3 | 5.0 | 4.3 | 4.3 | 5.0 | 5.7 | 6.0 | 4.7 | 5.3 |
| CRYSTAL BLUE LINKS | 40.0 | 5.0 | 4.7 | 4.3 | 5.0 | 5.3 | 5.0 | 4.7 | 5.0 |
| PENNCROSS | 45.0 | 4.0 | 4.0 | 4.0 | 4.3 | 4.7 | 5.3 | 4.7 | 4.8 |
| LSD VALUE | 6.0 | 0.6 | 0.8 | 1.0 | 1.0 | 1.2 | 0.8 | 0.7 | 0.5 |
| C.V. (%) | 6.4 | 7.5 | 9.6 | 10.8 | 9.0 | 10.1 | 7.4 | 7.8 | 5.4 |

TABLE 5C. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE UNDER TRAFFIC STRESS AT AMHERST, MA 1/
2015 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME | PERCENT ESTABLISH- MENT | WEAR TOLERANCE RATINGS | | | QUALITY RATINGS | | | | MEAN |
|---------------------|-------------------------------|------------------------|---------|----------|-----------------|-----|------|-----|------|
| | | SEPTEMBER | OCTOBER | NOVEMBER | AUG | SEP | OCT | NOV | |
| DLFPS-AT/3026 | 50.0 | 3.3 | 2.3 | 4.7 | 6.7 | 6.3 | 6.0 | 6.0 | 6.3 |
| MUSKET (PPG-AT 104) | 43.3 | 3.7 | 3.0 | 5.0 | 6.0 | 5.7 | 5.3 | 5.3 | 5.6 |
| GREENTIME | 48.3 | 4.3 | 3.3 | 4.3 | 6.0 | 5.0 | 5.0 | 5.0 | 5.3 |
| LSD VALUE | 10.2 | 1.5 | 0.8 | 1.3 | 0.8 | 0.9 | 1.5 | 0.8 | 0.5 |
| C.V. (%) | 9.3 | 17.6 | 11.5 | 12.4 | 5.4 | 7.2 | 12.2 | 6.1 | 3.4 |

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 6A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE UNDER TRAFFIC STRESS AT BLACKSBURG, VA 1/
2015 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | PERCENT LIVING GROUND COVER | | | | JUN | JUL | QUALITY RATINGS | | | MEAN |
|---------------------|------------------|-------------------|-----------------------------|------|---------------------|-----------------|------|------|-----------------|------|------|------|
| | | | PRE-TRAFFIC 5_6 | 6_30 | POST-TRAFFIC 7_6 | RATINGS 7_22 | | | SEP | OCT | NOV | |
| DLFPS-AT/3026 | 5.7 | 5.0 | 91.7 | 45.0 | 68.3 | 88.3 | 6.0 | 5.3 | 6.3 | 6.3 | 7.0 | 6.2 |
| CHINOOK (H10G-OP) | 7.0 | 7.0 | 85.0 | 46.7 | 75.0 | 81.7 | 4.3 | 6.0 | 6.3 | 6.7 | 6.7 | 6.0 |
| PIRANHA (DC-1) | 7.0 | 7.0 | 78.3 | 45.0 | 68.3 | 73.3 | 3.7 | 6.0 | 6.7 | 6.3 | 6.7 | 5.9 |
| SHARK | 6.7 | 6.7 | 91.7 | 50.0 | 78.3 | 73.3 | 5.3 | 5.7 | 6.0 | 6.0 | 6.7 | 5.9 |
| CRYSTAL BLUE LINKS | 6.7 | 7.0 | 86.7 | 56.7 | 73.3 | 66.7 | 4.3 | 5.7 | 5.3 | 6.0 | 7.0 | 5.7 |
| MUSKET (PPG-AT 104) | 6.3 | 5.0 | 90.0 | 40.0 | 68.3 | 81.7 | 5.0 | 5.0 | 5.7 | 6.0 | 6.7 | 5.7 |
| V-8 | 7.0 | 7.3 | 83.3 | 43.3 | 66.7 | 66.7 | 4.7 | 6.3 | 5.7 | 5.7 | 6.3 | 5.7 |
| L-93XD | 5.0 | 7.0 | 78.3 | 55.0 | 75.0 | 75.0 | 3.7 | 5.7 | 5.7 | 6.0 | 6.0 | 5.4 |
| GREENTIME | 6.3 | 6.7 | 90.0 | 23.3 | 38.3 | 60.0 | 5.0 | 4.7 | 4.7 | 5.3 | 6.3 | 5.2 |
| 007 | 7.0 | 7.3 | 85.0 | 35.0 | 56.7 | 56.7 | 3.7 | 5.7 | 4.3 | 5.3 | 6.3 | 5.1 |
| PST-ORBS | 7.0 | 7.3 | 80.0 | 40.0 | 65.0 | 66.7 | 4.0 | 5.7 | 4.3 | 5.3 | 6.0 | 5.1 |
| KINGDOM | 7.7 | 8.0 | 78.3 | 40.0 | 65.0 | 63.3 | 3.7 | 5.3 | 5.0 | 5.0 | 5.3 | 4.9 |
| NIGHTLIFE | 7.7 | 8.0 | 78.3 | 41.7 | 70.0 | 70.0 | 4.3 | 5.0 | 4.0 | 5.3 | 6.0 | 4.9 |
| BARRACUDA | 6.7 | 7.0 | 85.0 | 38.3 | 63.3 | 68.3 | 4.0 | 5.3 | 3.7 | 5.0 | 5.7 | 4.7 |
| ARMOR | 7.0 | 8.0 | 75.0 | 53.3 | 73.3 | 85.0 | 4.3 | 4.3 | 4.7 | 4.3 | 5.3 | 4.6 |
| PENNCROSS | 7.0 | 7.0 | 78.3 | 33.3 | 56.7 | 46.7 | 4.0 | 3.7 | 3.3 | 5.0 | 6.0 | 4.4 |
| PST-DCV6 | 7.0 | 7.3 | 78.3 | 26.7 | 50.0 | 55.0 | 3.3 | 5.0 | 3.0 | 4.3 | 5.0 | 4.1 |
| LSD VALUE | 2.2 | 1.0 | 9.4 | 61.9 | 30.0 | 25.3 | 1.7 | 3.9 | 3.1 | 2.8 | 3.4 | 2.3 |
| C.V. (%) | 13.5 | 8.7 | 6.2 | 45.9 | 20.1 | 18.0 | 18.6 | 23.9 | 27.8 | 19.3 | 18.2 | 17.3 |

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.

Taken from the 2014 Bentgrass (Fairway/ Tee) test - 2015 data report with permission from NTEP

TABLE 6B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE UNDER TRAFFIC STRESS AT BLACKSBURG, VA 1/
2015 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME | GENETIC COLOR | SPRING GREENUP | PERCENT LIVING GROUND COVER | | | | JUN | JUL | QUALITY RATINGS | | | MEAN |
|--------------------|------------------|-------------------|-----------------------------|----------------------|------|------|------|------|-----------------|------|------|------|
| | | | PRE-TRAFFIC 5_6 | POST-TRAFFIC RATINGS | | | | | SEP | OCT | NOV | |
| CHINOOK (H10G-OP) | 7.0 | 7.0 | 85.0 | 46.7 | 75.0 | 81.7 | 4.3 | 6.0 | 6.3 | 6.7 | 6.7 | 6.0 |
| PIRANHA (DC-1) | 7.0 | 7.0 | 78.3 | 45.0 | 68.3 | 73.3 | 3.7 | 6.0 | 6.7 | 6.3 | 6.7 | 5.9 |
| SHARK | 6.7 | 6.7 | 91.7 | 50.0 | 78.3 | 73.3 | 5.3 | 5.7 | 6.0 | 6.0 | 6.7 | 5.9 |
| CRYSTAL BLUE LINKS | 6.7 | 7.0 | 86.7 | 56.7 | 73.3 | 66.7 | 4.3 | 5.7 | 5.3 | 6.0 | 7.0 | 5.7 |
| V-8 | 7.0 | 7.3 | 83.3 | 43.3 | 66.7 | 66.7 | 4.7 | 6.3 | 5.7 | 5.7 | 6.3 | 5.7 |
| L-93XD | 5.0 | 7.0 | 78.3 | 55.0 | 75.0 | 75.0 | 3.7 | 5.7 | 5.7 | 6.0 | 6.0 | 5.4 |
| 007 | 7.0 | 7.3 | 85.0 | 35.0 | 56.7 | 56.7 | 3.7 | 5.7 | 4.3 | 5.3 | 6.3 | 5.1 |
| PST-ORBS | 7.0 | 7.3 | 80.0 | 40.0 | 65.0 | 66.7 | 4.0 | 5.7 | 4.3 | 5.3 | 6.0 | 5.1 |
| KINGDOM | 7.7 | 8.0 | 78.3 | 40.0 | 65.0 | 63.3 | 3.7 | 5.3 | 5.0 | 5.0 | 5.3 | 4.9 |
| NIGHTLIFE | 7.7 | 8.0 | 78.3 | 41.7 | 70.0 | 70.0 | 4.3 | 5.0 | 4.0 | 5.3 | 6.0 | 4.9 |
| BARRACUDA | 6.7 | 7.0 | 85.0 | 38.3 | 63.3 | 68.3 | 4.0 | 5.3 | 3.7 | 5.0 | 5.7 | 4.7 |
| ARMOR | 7.0 | 8.0 | 75.0 | 53.3 | 73.3 | 85.0 | 4.3 | 4.3 | 4.7 | 4.3 | 5.3 | 4.6 |
| PENNCROSS | 7.0 | 7.0 | 78.3 | 33.3 | 56.7 | 46.7 | 4.0 | 3.7 | 3.3 | 5.0 | 6.0 | 4.4 |
| PST-DCV6 | 7.0 | 7.3 | 78.3 | 26.7 | 50.0 | 55.0 | 3.3 | 5.0 | 3.0 | 4.3 | 5.0 | 4.1 |
| LSD VALUE | 2.6 | 1.2 | 10.8 | 56.3 | 27.1 | 24.0 | 2.3 | 3.9 | 3.0 | 2.7 | 3.5 | 2.5 |
| C.V. (%) | 14.6 | 7.3 | 6.4 | 42.7 | 17.0 | 17.1 | 20.9 | 24.9 | 28.4 | 19.6 | 19.5 | 18.3 |

TABLE 6C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE UNDER TRAFFIC STRESS AT BLACKSBURG, VA 1/
2015 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | PERCENT LIVING GROUND COVER | | | | JUN | JUL | QUALITY RATINGS | | | MEAN |
|---------------------|------------------|-------------------|-----------------------------|----------------------|------|------|------|------|-----------------|------|-----|------|
| | | | PRE-TRAFFIC 5_6 | POST-TRAFFIC RATINGS | | | | | SEP | OCT | NOV | |
| DLFPS-AT/3026 | 5.7 | 5.0 | 91.7 | 45.0 | 68.3 | 88.3 | 6.0 | 5.3 | 6.3 | 6.3 | 7.0 | 6.2 |
| MUSKET (PPG-AT 104) | 6.3 | 5.0 | 90.0 | 40.0 | 68.3 | 81.7 | 5.0 | 5.0 | 5.7 | 6.0 | 6.7 | 5.7 |
| GREENTIME | 6.3 | 6.7 | 90.0 | 23.3 | 38.3 | 60.0 | 5.0 | 4.7 | 4.7 | 5.3 | 6.3 | 5.2 |
| LSD VALUE | 0.8 | 2.0 | 14.0 | 38.7 | 43.5 | 24.2 | 1.3 | 1.9 | 3.1 | 1.5 | 0.9 | 1.0 |
| C.V. (%) | 5.5 | 15.9 | 6.6 | 46.2 | 32.1 | 13.6 | 10.8 | 16.3 | 24.0 | 11.3 | 6.1 | 7.5 |

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

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

TABLE 7A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE UNDER REDUCED IRRIGATION AT RIVERSIDE, CA 1/
2015 DATA

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

| NAME | GENETIC COLOR | SEEDLING VIGOR | PERCENT COVER SPRING | PERCENT COVER SUMMER | PERCENT COVER FALL | QUALITY RATINGS | | | | | | | | | | | MEAN | |
|---------------------|------------------|-------------------|----------------------------|----------------------------|--------------------------|-----------------|------|------|-----|-----|------|------|------|------|------|------|------|-----|
| | | | | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | | DEC |
| PENNCROSS | 7.3 | 6.0 | 91.7 | 91.7 | 91.7 | 6.0 | 6.3 | 6.3 | 6.7 | 6.7 | 5.7 | 6.3 | 5.7 | 6.0 | 6.0 | 6.3 | 6.0 | 6.2 |
| SHARK | 7.0 | 5.0 | 91.7 | 88.3 | 91.7 | 4.7 | 5.3 | 5.7 | 6.7 | 6.7 | 6.3 | 5.7 | 5.7 | 6.7 | 6.0 | 6.3 | 6.0 | 6.0 |
| CHINOOK (H10G-OP) | 7.3 | 4.7 | 88.3 | 94.7 | 88.3 | 4.7 | 5.3 | 6.0 | 6.7 | 6.7 | 6.0 | 7.0 | 6.0 | 6.7 | 5.7 | 5.7 | 5.0 | 5.9 |
| NIGHTLIFE | 8.0 | 6.3 | 91.7 | 91.7 | 88.3 | 5.0 | 5.7 | 6.0 | 6.7 | 6.7 | 6.3 | 6.3 | 6.0 | 6.3 | 6.3 | 5.7 | 4.3 | 5.9 |
| PST-DCV6 | 7.7 | 6.0 | 91.7 | 91.3 | 88.3 | 4.7 | 5.0 | 6.0 | 6.7 | 7.0 | 5.7 | 6.3 | 6.3 | 6.0 | 6.3 | 5.7 | 4.7 | 5.9 |
| PST-ORBS | 7.3 | 5.7 | 91.7 | 94.7 | 88.3 | 5.0 | 5.3 | 6.0 | 6.7 | 6.7 | 6.0 | 7.0 | 6.0 | 5.7 | 5.0 | 5.7 | 5.7 | 5.9 |
| 007 | 7.3 | 5.0 | 91.7 | 93.0 | 90.0 | 4.7 | 5.0 | 6.0 | 6.7 | 6.7 | 6.0 | 6.7 | 5.3 | 5.3 | 6.0 | 6.0 | 5.3 | 5.8 |
| CRYSTAL BLUE LINKS | 7.7 | 4.7 | 91.7 | 94.7 | 86.7 | 5.3 | 5.7 | 5.7 | 6.3 | 6.3 | 5.3 | 7.0 | 5.7 | 5.7 | 5.7 | 5.3 | 5.0 | 5.8 |
| KINGDOM | 8.0 | 5.3 | 91.7 | 90.0 | 90.0 | 4.7 | 5.3 | 5.7 | 6.3 | 6.3 | 6.0 | 6.0 | 5.7 | 5.3 | 6.0 | 6.0 | 5.3 | 5.7 |
| PIRANHA (DC-1) | 7.7 | 4.7 | 91.7 | 90.0 | 88.3 | 4.0 | 5.0 | 5.7 | 6.7 | 6.7 | 6.0 | 6.0 | 6.0 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 |
| L-93XD | 7.0 | 4.3 | 88.3 | 93.3 | 88.3 | 4.7 | 5.0 | 5.3 | 6.0 | 6.0 | 6.0 | 6.7 | 5.3 | 5.3 | 5.7 | 5.7 | 5.3 | 5.6 |
| ARMOR | 8.0 | 4.0 | 85.0 | 90.0 | 88.3 | 4.0 | 4.3 | 5.0 | 6.0 | 6.0 | 5.3 | 6.0 | 6.0 | 5.7 | 5.7 | 5.7 | 5.0 | 5.4 |
| GREENTIME | 7.3 | 4.7 | 85.0 | 94.7 | 85.0 | 4.3 | 4.7 | 5.7 | 6.0 | 6.0 | 5.7 | 7.0 | 5.3 | 5.3 | 4.7 | 5.0 | 4.7 | 5.4 |
| V-8 | 7.0 | 4.0 | 91.7 | 88.3 | 88.3 | 3.3 | 4.3 | 5.3 | 6.3 | 6.7 | 5.3 | 5.7 | 6.0 | 6.0 | 5.7 | 5.7 | 5.0 | 5.4 |
| BARRACUDA | 7.0 | 3.7 | 85.0 | 88.3 | 88.3 | 3.3 | 4.3 | 5.3 | 6.3 | 6.3 | 5.0 | 5.7 | 5.3 | 5.7 | 5.3 | 5.7 | 5.7 | 5.3 |
| DLFPS-AT/3026 | 7.0 | 4.0 | 91.7 | 91.7 | 86.7 | 4.0 | 4.7 | 5.3 | 6.0 | 6.0 | 5.0 | 6.3 | 5.3 | 5.3 | 5.0 | 5.3 | 5.0 | 5.3 |
| MUSKET (PPG-AT 104) | 7.0 | 3.7 | 88.3 | 90.0 | 86.7 | 3.3 | 4.0 | 5.0 | 5.7 | 6.0 | 5.3 | 6.0 | 5.7 | 5.7 | 4.7 | 5.3 | 5.3 | 5.2 |
| LSD VALUE | 0.9 | 2.8 | 12.5 | 11.3 | 9.4 | 2.5 | 1.6 | 1.7 | 1.2 | 1.1 | 2.9 | 2.3 | 3.8 | 4.0 | 2.2 | 1.9 | 2.7 | 1.0 |
| C.V. (%) | 6.0 | 23.9 | 5.0 | 4.3 | 3.6 | 22.9 | 14.8 | 10.9 | 7.6 | 7.1 | 15.7 | 13.0 | 18.1 | 19.9 | 14.7 | 11.1 | 16.9 | 7.1 |

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

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

Taken from the 2014 Bentgrass (Fairway/ Tee) test - 2015 data report with permission from NTEP

TABLE 7B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE UNDER REDUCED IRRIGATION AT RIVERSIDE, CA 1/
2015 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME | GENETIC COLOR | SEEDLING VIGOR | PERCENT COVER SPRING | PERCENT COVER SUMMER | PERCENT COVER FALL | QUALITY RATINGS | | | | | | | | | | | | MEAN |
|--------------------|------------------|-------------------|----------------------------|----------------------------|--------------------------|-----------------|------|------|-----|-----|------|------|------|------|------|------|------|------|
| | | | | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| PENNCROSS | 7.3 | 6.0 | 91.7 | 91.7 | 91.7 | 6.0 | 6.3 | 6.3 | 6.7 | 6.7 | 5.7 | 6.3 | 5.7 | 6.0 | 6.0 | 6.3 | 6.0 | 6.2 |
| SHARK | 7.0 | 5.0 | 91.7 | 88.3 | 91.7 | 4.7 | 5.3 | 5.7 | 6.7 | 6.7 | 6.3 | 5.7 | 5.7 | 6.7 | 6.0 | 6.3 | 6.0 | 6.0 |
| CHINOOK (H10G-OP) | 7.3 | 4.7 | 88.3 | 94.7 | 88.3 | 4.7 | 5.3 | 6.0 | 6.7 | 6.7 | 6.0 | 7.0 | 6.0 | 6.7 | 5.7 | 5.7 | 5.0 | 5.9 |
| NIGHTLIFE | 8.0 | 6.3 | 91.7 | 91.7 | 88.3 | 5.0 | 5.7 | 6.0 | 6.7 | 6.7 | 6.3 | 6.3 | 6.0 | 6.3 | 6.3 | 5.7 | 4.3 | 5.9 |
| PST-DCV6 | 7.7 | 6.0 | 91.7 | 91.3 | 88.3 | 4.7 | 5.0 | 6.0 | 6.7 | 7.0 | 5.7 | 6.3 | 6.3 | 6.0 | 6.3 | 5.7 | 4.7 | 5.9 |
| PST-ORBS | 7.3 | 5.7 | 91.7 | 94.7 | 88.3 | 5.0 | 5.3 | 6.0 | 6.7 | 6.7 | 6.0 | 7.0 | 6.0 | 5.7 | 5.0 | 5.7 | 5.7 | 5.9 |
| 007 | 7.3 | 5.0 | 91.7 | 93.0 | 90.0 | 4.7 | 5.0 | 6.0 | 6.7 | 6.7 | 6.0 | 6.7 | 5.3 | 5.3 | 6.0 | 6.0 | 5.3 | 5.8 |
| CRYSTAL BLUE LINKS | 7.7 | 4.7 | 91.7 | 94.7 | 86.7 | 5.3 | 5.7 | 5.7 | 6.3 | 6.3 | 5.3 | 7.0 | 5.7 | 5.7 | 5.7 | 5.3 | 5.0 | 5.8 |
| KINGDOM | 8.0 | 5.3 | 91.7 | 90.0 | 90.0 | 4.7 | 5.3 | 5.7 | 6.3 | 6.3 | 6.0 | 6.0 | 5.7 | 5.3 | 6.0 | 6.0 | 5.3 | 5.7 |
| PIRANHA (DC-1) | 7.7 | 4.7 | 91.7 | 90.0 | 88.3 | 4.0 | 5.0 | 5.7 | 6.7 | 6.7 | 6.0 | 6.0 | 6.0 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 |
| L-93XD | 7.0 | 4.3 | 88.3 | 93.3 | 88.3 | 4.7 | 5.0 | 5.3 | 6.0 | 6.0 | 6.0 | 6.7 | 5.3 | 5.3 | 5.7 | 5.7 | 5.3 | 5.6 |
| ARMOR | 8.0 | 4.0 | 85.0 | 90.0 | 88.3 | 4.0 | 4.3 | 5.0 | 6.0 | 6.0 | 5.3 | 6.0 | 6.0 | 5.7 | 5.7 | 5.7 | 5.0 | 5.4 |
| V-8 | 7.0 | 4.0 | 91.7 | 88.3 | 88.3 | 3.3 | 4.3 | 5.3 | 6.3 | 6.7 | 5.3 | 5.7 | 6.0 | 6.0 | 5.7 | 5.7 | 5.0 | 5.4 |
| BARRACUDA | 7.0 | 3.7 | 85.0 | 88.3 | 88.3 | 3.3 | 4.3 | 5.3 | 6.3 | 6.3 | 5.0 | 5.7 | 5.3 | 5.7 | 5.3 | 5.7 | 5.7 | 5.3 |
| LSD VALUE | 0.9 | 2.7 | 13.3 | 10.6 | 9.3 | 2.7 | 1.9 | 1.8 | 1.5 | 1.4 | 2.5 | 2.2 | 3.8 | 3.9 | 2.9 | 1.9 | 2.3 | 1.2 |
| C.V. (%) | 6.0 | 22.8 | 5.2 | 4.3 | 3.4 | 23.4 | 15.4 | 11.2 | 7.8 | 7.6 | 14.6 | 13.0 | 19.0 | 20.4 | 15.4 | 10.5 | 15.9 | 7.6 |

TABLE 7C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE UNDER REDUCED IRRIGATION AT RIVERSIDE, CA 1/
2015 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME | GENETIC COLOR | SEEDLING VIGOR | PERCENT COVER SPRING | PERCENT COVER SUMMER | PERCENT COVER FALL | QUALITY RATINGS | | | | | | | | | | | | MEAN |
|---------------------|------------------|-------------------|----------------------------|----------------------------|--------------------------|-----------------|------|-----|-----|-----|------|------|-----|------|-----|------|------|------|
| | | | | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| GREENTIME | 7.3 | 4.7 | 85.0 | 94.7 | 85.0 | 4.3 | 4.7 | 5.7 | 6.0 | 6 | 5.7 | 7.0 | 5.3 | 5.3 | 4.7 | 5.0 | 4.7 | 5.4 |
| DLFPS-AT/3026 | 7.0 | 4.0 | 91.7 | 91.7 | 86.7 | 4.0 | 4.7 | 5.3 | 6.0 | 6 | 5.0 | 6.3 | 5.3 | 5.3 | 5.0 | 5.3 | 5.0 | 5.3 |
| MUSKET (PPG-AT 104) | 7.0 | 3.7 | 88.3 | 90.0 | 86.7 | 3.3 | 4.0 | 5.0 | 5.7 | 6 | 5.3 | 6.0 | 5.7 | 5.7 | 4.7 | 5.3 | 5.3 | 5.2 |
| LSD VALUE | 0.8 | 3.1 | 9.5 | 10.0 | 10.2 | 1.8 | 1.2 | 0.9 | 0.8 | 0 | 1.3 | 2.0 | 1.2 | 1.8 | 0.8 | 2.0 | 2.7 | 0.6 |
| C.V. (%) | 4.7 | 32.4 | 4.6 | 4.7 | 5.1 | 20.1 | 11.9 | 7.7 | 5.7 | 0 | 10.8 | 13.7 | 9.7 | 14.4 | 7.0 | 16.9 | 23.1 | 4.5 |

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

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

TABLE 8A. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE UNDER REDUCED IRRIGATION AT WEST LAFAYETTE, IN 1/
2015 DATA

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

| NAME | LEAFTEX | SPRDENS | SUMDENS | MAY | JUN | JUL | AUG | SEP | OCT | NOV | MEAN |
|---------------------|---------|---------|---------|------|-----|-----|-----|-----|------|-----|------|
| KINGDOM | 8.0 | 8.0 | 8.3 | 8.0 | 7.7 | 7.7 | 7.7 | 7.3 | 7.3 | 8.0 | 7.7 |
| NIGHTLIFE | 7.3 | 7.0 | 8.0 | 7.3 | 7.3 | 7.7 | 8.0 | 7.7 | 7.7 | 8.0 | 7.7 |
| 007 | 7.7 | 7.0 | 9.0 | 7.7 | 7.3 | 7.3 | 8.0 | 7.7 | 7.0 | 7.7 | 7.5 |
| ARMOR | 7.3 | 7.3 | 8.3 | 7.3 | 7.0 | 7.3 | 8.0 | 7.7 | 7.3 | 8.0 | 7.5 |
| BARRACUDA | 7.0 | 7.0 | 7.3 | 7.7 | 7.3 | 7.7 | 7.7 | 7.7 | 7.0 | 7.3 | 7.5 |
| PST-ORBS | 7.7 | 7.3 | 8.0 | 7.3 | 7.3 | 7.3 | 7.7 | 7.3 | 7.0 | 7.3 | 7.3 |
| CHINOOK (H10G-OP) | 6.7 | 6.3 | 7.7 | 7.7 | 7.3 | 7.3 | 7.3 | 7.0 | 7.0 | 7.0 | 7.2 |
| PIRANHA (DC-1) | 7.0 | 7.7 | 8.3 | 7.3 | 7.3 | 7.0 | 7.3 | 6.7 | 7.3 | 7.7 | 7.2 |
| SHARK | 7.3 | 7.3 | 7.7 | 7.3 | 7.0 | 7.0 | 7.3 | 7.0 | 7.3 | 7.0 | 7.1 |
| V-8 | 7.7 | 6.3 | 7.7 | 7.7 | 4.3 | 6.7 | 7.7 | 7.0 | 7.3 | 7.3 | 6.9 |
| PST-DCV6 | 6.7 | 6.3 | 7.0 | 7.0 | 6.7 | 6.3 | 7.0 | 6.7 | 7.0 | 7.0 | 6.8 |
| L-93XD | 6.3 | 8.0 | 7.0 | 6.7 | 7.3 | 7.0 | 6.7 | 6.0 | 6.7 | 6.7 | 6.7 |
| CRYSTAL BLUE LINKS | 6.7 | 6.0 | 6.3 | 6.7 | 5.7 | 6.7 | 7.0 | 6.0 | 6.3 | 7.3 | 6.5 |
| MUSKET (PPG-AT 104) | 7.0 | 6.3 | 7.0 | 6.0 | 5.7 | 6.0 | 7.0 | 7.0 | 5.7 | 6.0 | 6.2 |
| DLFPS-AT/3026 | 6.7 | 5.7 | 6.3 | 5.7 | 5.7 | 6.0 | 7.0 | 6.7 | 5.0 | 5.7 | 6.0 |
| PENNCROSS | 4.3 | 5.0 | 6.0 | 6.0 | 5.0 | 5.7 | 5.7 | 5.0 | 6.0 | 6.3 | 5.7 |
| GREENTIME | 5.7 | 5.0 | 6.7 | 5.3 | 5.3 | 5.7 | 6.0 | 5.7 | 5.3 | 5.7 | 5.6 |
| LSD VALUE | 1.2 | 1.2 | 0.9 | 1.4 | 1.0 | 0.9 | 1.2 | 0.9 | 1.2 | 1.2 | 0.7 |
| C.V. (%) | 10.0 | 10.5 | 7.2 | 10.7 | 9.6 | 7.7 | 9.0 | 8.1 | 10.1 | 9.6 | 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 8B. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF CREEPING BENTGRASS CULTIVARS GROWN ON A FAIRWAY OR TEE UNDER REDUCED IRRIGATION AT WEST LAFAYETTE, IN 1/ 2015 DATA

| TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ | | | | | | | | | | | |
|--|---------|---------|---------|-----|-----|-----|-----|-----|------|-----|------|
| NAME | LEAFTEX | SPRDENS | SUMDENS | MAY | JUN | JUL | AUG | SEP | OCT | NOV | MEAN |
| KINGDOM | 8.0 | 8.0 | 8.3 | 8.0 | 7.7 | 7.7 | 7.7 | 7.3 | 7.3 | 8.0 | 7.7 |
| NIGHTLIFE | 7.3 | 7.0 | 8.0 | 7.3 | 7.3 | 7.7 | 8.0 | 7.7 | 7.7 | 8.0 | 7.7 |
| 007 | 7.7 | 7.0 | 9.0 | 7.7 | 7.3 | 7.3 | 8.0 | 7.7 | 7.0 | 7.7 | 7.5 |
| ARMOR | 7.3 | 7.3 | 8.3 | 7.3 | 7.0 | 7.3 | 8.0 | 7.7 | 7.3 | 8.0 | 7.5 |
| BARRACUDA | 7.0 | 7.0 | 7.3 | 7.7 | 7.3 | 7.7 | 7.7 | 7.7 | 7.0 | 7.3 | 7.5 |
| PST-ORBS | 7.7 | 7.3 | 8.0 | 7.3 | 7.3 | 7.3 | 7.7 | 7.3 | 7.0 | 7.3 | 7.3 |
| CHINOOK (H10G-OP) | 6.7 | 6.3 | 7.7 | 7.7 | 7.3 | 7.3 | 7.3 | 7.0 | 7.0 | 7.0 | 7.2 |
| PIRANHA (DC-1) | 7.0 | 7.7 | 8.3 | 7.3 | 7.3 | 7.0 | 7.3 | 6.7 | 7.3 | 7.7 | 7.2 |
| SHARK | 7.3 | 7.3 | 7.7 | 7.3 | 7.0 | 7.0 | 7.3 | 7.0 | 7.3 | 7.0 | 7.1 |
| V-8 | 7.7 | 6.3 | 7.7 | 7.7 | 4.3 | 6.7 | 7.7 | 7.0 | 7.3 | 7.3 | 6.9 |
| PST-DCV6 | 6.7 | 6.3 | 7.0 | 7.0 | 6.7 | 6.3 | 7.0 | 6.7 | 7.0 | 7.0 | 6.8 |
| L-93XD | 6.3 | 8.0 | 7.0 | 6.7 | 7.3 | 7.0 | 6.7 | 6.0 | 6.7 | 6.7 | 6.7 |
| CRYSTAL BLUE LINKS | 6.7 | 6.0 | 6.3 | 6.7 | 5.7 | 6.7 | 7.0 | 6.0 | 6.3 | 7.3 | 6.5 |
| PENNCROSS | 4.3 | 5.0 | 6.0 | 6.0 | 5.0 | 5.7 | 5.7 | 5.0 | 6.0 | 6.3 | 5.7 |
| LSD VALUE | 1.2 | 1.2 | 0.9 | 1.2 | 1.0 | 1.1 | 1.3 | 0.9 | 1.9 | 1.4 | 0.7 |
| C.V. (%) | 10.1 | 10.0 | 7.1 | 8.0 | 9.5 | 8.1 | 9.2 | 7.6 | 10.1 | 8.6 | 5.9 |

TABLE 8C. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COLONIAL BENTGRASS CULTIVARS GROWN ON A FAIRWAY OR TEE UNDER REDUCED IRRIGATION AT WEST LAFAYETTE, IN 1/ 2015 DATA

| TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ | | | | | | | | | | | |
|--|---------|---------|---------|------|------|-----|-----|------|-----|------|------|
| NAME | LEAFTEX | SPRDENS | SUMDENS | MAY | JUN | JUL | AUG | SEP | OCT | NOV | MEAN |
| MUSKET (PPG-AT 104) | 7.0 | 6.3 | 7.0 | 6.0 | 5.7 | 6.0 | 7.0 | 7.0 | 5.7 | 6.0 | 6.2 |
| DLFPS-AT/3026 | 6.7 | 5.7 | 6.3 | 5.7 | 5.7 | 6.0 | 7.0 | 6.7 | 5.0 | 5.7 | 6.0 |
| GREENTIME | 5.7 | 5.0 | 6.7 | 5.3 | 5.3 | 5.7 | 6.0 | 5.7 | 5.3 | 5.7 | 5.6 |
| LSD VALUE | 1.5 | 0.9 | 0.9 | 1.3 | 1.5 | 0.8 | 1.3 | 1.5 | 0.9 | 1.5 | 0.9 |
| C.V. (%) | 10.3 | 7.2 | 6.1 | 10.2 | 12.0 | 5.7 | 8.7 | 10.3 | 7.7 | 11.5 | 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 9A. GENETIC COLOR RATINGS OF BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2009 DATA

| NAME | GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/ | | | | | | | | | |
|---------------------|--|------|-----|-----|-----|-----|------|-----|-----|------|
| | IA1 | IL1 | KS1 | KY1 | MI1 | MO1 | NJ1 | VA1 | WA1 | MEAN |
| NIGHTLIFE | 8.0 | 7.0 | 8.0 | 8.0 | 7.0 | 8.0 | 4.3 | 7.7 | 8.0 | 7.3 |
| KINGDOM | 9.0 | 6.3 | 8.0 | 8.0 | 6.7 | 8.0 | 4.0 | 7.7 | 8.0 | 7.3 |
| ARMOR | 8.0 | 5.7 | 8.0 | 8.0 | 7.0 | 7.3 | 5.0 | 7.0 | 8.0 | 7.1 |
| PIRANHA (DC-1) | 6.7 | 6.7 | 7.0 | 7.0 | 6.3 | 5.0 | 7.3 | 7.0 | 7.0 | 6.7 |
| 007 | 7.0 | 5.0 | 7.0 | 7.0 | 6.0 | 5.3 | 7.3 | 7.0 | 7.0 | 6.5 |
| L-93XD | 6.7 | 6.7 | 6.7 | 6.7 | 6.0 | 5.0 | 7.3 | 6.7 | 6.7 | 6.5 |
| PST-ORBS | 6.7 | 5.7 | 7.0 | 7.0 | 6.3 | 5.3 | 5.7 | 7.0 | 7.0 | 6.4 |
| SHARK | 6.3 | 6.3 | 6.7 | 7.0 | 6.0 | 4.7 | 7.3 | 6.7 | 6.7 | 6.4 |
| CHINOOK (H10G-OP) | 6.3 | 6.3 | 6.7 | 7.0 | 6.0 | 5.0 | 6.3 | 7.0 | 6.7 | 6.4 |
| BARRACUDA | 6.7 | 5.3 | 6.7 | 7.0 | 6.0 | 4.7 | 7.0 | 6.7 | 7.0 | 6.3 |
| V-8 | 6.0 | 6.0 | 6.0 | 7.0 | 6.0 | 5.0 | 7.0 | 7.0 | 6.3 | 6.3 |
| CRYSTAL BLUE LINKS | 7.0 | 4.3 | 6.3 | 7.0 | 6.3 | 5.0 | 5.3 | 6.7 | 7.3 | 6.1 |
| GREENTIME | 6.7 | 6.0 | 6.7 | 6.7 | 6.0 | 4.0 | 5.3 | 6.3 | 7.7 | 6.1 |
| PST-DCV6 | 6.0 | 5.0 | 6.3 | 7.0 | 6.0 | 5.0 | 6.3 | 7.0 | 6.7 | 6.1 |
| PENNCROSS | 6.7 | 7.0 | 5.3 | 7.0 | 6.0 | 3.7 | 5.0 | 7.0 | 6.7 | 6.0 |
| MUSKET (PPG-AT 104) | 6.0 | 5.7 | 6.3 | 6.3 | 5.7 | 3.7 | 3.7 | 6.3 | 6.7 | 5.6 |
| DLFPS-AT/3026 | 6.0 | 3.7 | 6.7 | 6.0 | 6.0 | 4.0 | 4.3 | 5.7 | 7.3 | 5.5 |
| LSD VALUE | 1.0 | 1.4 | 0.9 | 0.4 | 0.5 | 0.8 | 1.7 | 0.9 | 0.7 | 0.3 |
| C.V. (%) | 9.2 | 15.4 | 8.3 | 3.4 | 5.1 | 9.7 | 18.2 | 7.9 | 6.2 | 9.8 |

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

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

TABLE 9B. GENETIC COLOR RATINGS OF CREEPING BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2009 DATA

| NAME | GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/ | | | | | | | | | |
|--------------------|--|------|-----|-----|-----|-----|------|-----|-----|------|
| | IA1 | IL1 | KS1 | KY1 | MI1 | MO1 | NJ1 | VA1 | WA1 | MEAN |
| NIGHTLIFE | 8.0 | 7.0 | 8.0 | 8.0 | 7.0 | 8.0 | 4.3 | 7.7 | 8.0 | 7.3 |
| KINGDOM | 9.0 | 6.3 | 8.0 | 8.0 | 6.7 | 8.0 | 4.0 | 7.7 | 8.0 | 7.3 |
| ARMOR | 8.0 | 5.7 | 8.0 | 8.0 | 7.0 | 7.3 | 5.0 | 7.0 | 8.0 | 7.1 |
| PIRANHA (DC-1) | 6.7 | 6.7 | 7.0 | 7.0 | 6.3 | 5.0 | 7.3 | 7.0 | 7.0 | 6.7 |
| 007 | 7.0 | 5.0 | 7.0 | 7.0 | 6.0 | 5.3 | 7.3 | 7.0 | 7.0 | 6.5 |
| L-93XD | 6.7 | 6.7 | 6.7 | 6.7 | 6.0 | 5.0 | 7.3 | 6.7 | 6.7 | 6.5 |
| PST-ORBS | 6.7 | 5.7 | 7.0 | 7.0 | 6.3 | 5.3 | 5.7 | 7.0 | 7.0 | 6.4 |
| SHARK | 6.3 | 6.3 | 6.7 | 7.0 | 6.0 | 4.7 | 7.3 | 6.7 | 6.7 | 6.4 |
| CHINOOK (H10G-OP) | 6.3 | 6.3 | 6.7 | 7.0 | 6.0 | 5.0 | 6.3 | 7.0 | 6.7 | 6.4 |
| BARRACUDA | 6.7 | 5.3 | 6.7 | 7.0 | 6.0 | 4.7 | 7.0 | 6.7 | 7.0 | 6.3 |
| V-8 | 6.0 | 6.0 | 6.0 | 7.0 | 6.0 | 5.0 | 7.0 | 7.0 | 6.3 | 6.3 |
| CRYSTAL BLUE LINKS | 7.0 | 4.3 | 6.3 | 7.0 | 6.3 | 5.0 | 5.3 | 6.7 | 7.3 | 6.1 |
| PST-DCV6 | 6.0 | 5.0 | 6.3 | 7.0 | 6.0 | 5.0 | 6.3 | 7.0 | 6.7 | 6.1 |
| PENNCROSS | 6.7 | 7.0 | 5.3 | 7.0 | 6.0 | 3.7 | 5.0 | 7.0 | 6.7 | 6.0 |
| LSD VALUE | 1.1 | 1.1 | 0.9 | 0.2 | 0.5 | 0.7 | 1.6 | 0.9 | 0.7 | 0.3 |
| C.V. (%) | 9.7 | 11.9 | 8.1 | 2.1 | 4.9 | 8.4 | 16.4 | 7.6 | 5.8 | 8.9 |

TABLE 9C. GENETIC COLOR RATINGS OF COLONIAL BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2009 DATA

| NAME | GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/ | | | | | | | | | |
|---------------------|--|------|-----|-----|-----|------|------|-----|-----|------|
| | IA1 | IL1 | KS1 | KY1 | MI1 | MO1 | NJ1 | VA1 | WA1 | MEAN |
| GREENTIME | 6.7 | 6.0 | 6.7 | 6.7 | 6.0 | 4.0 | 5.3 | 6.3 | 7.7 | 6.1 |
| MUSKET (PPG-AT 104) | 6.0 | 5.7 | 6.3 | 6.3 | 5.7 | 3.7 | 3.7 | 6.3 | 6.7 | 5.6 |
| DLFPS-AT/3026 | 6.0 | 3.7 | 6.7 | 6.0 | 6.0 | 4.0 | 4.3 | 5.7 | 7.3 | 5.5 |
| LSD VALUE | 0.5 | 2.4 | 0.9 | 0.8 | 0.5 | 1.1 | 2.1 | 0.9 | 0.9 | 0.4 |
| C.V. (%) | 5.4 | 29.2 | 8.8 | 7.4 | 5.7 | 17.1 | 29.0 | 9.4 | 8.0 | 13.9 |

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 10A. SPRING GREENUP RATINGS OF BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2009 DATA

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

| NAME | MI1 | ND1 | NJ1 | VA1 | MEAN |
|---------------------|------|-----|------|-----|------|
| V-8 | 4.3 | 5.3 | 6.7 | 7.3 | 5.9 |
| 007 | 4.3 | 4.7 | 6.7 | 7.3 | 5.8 |
| CRYSTAL BLUE LINKS | 4.3 | 5.3 | 6.3 | 7.0 | 5.8 |
| CHINOOK (H10G-OP) | 4.3 | 6.0 | 5.0 | 7.0 | 5.6 |
| PST-ORBS | 3.7 | 6.0 | 5.3 | 7.3 | 5.6 |
| SHARK | 3.7 | 6.0 | 6.0 | 6.7 | 5.6 |
| PIRANHA (DC-1) | 4.0 | 4.3 | 6.7 | 7.0 | 5.5 |
| BARRACUDA | 4.7 | 4.3 | 5.7 | 7.0 | 5.4 |
| PENNCROSS | 4.3 | 5.0 | 5.0 | 7.0 | 5.3 |
| PST-DCV6 | 4.0 | 5.0 | 5.0 | 7.3 | 5.3 |
| L-93XD | 3.7 | 4.0 | 6.3 | 7.0 | 5.3 |
| DLFPS-AT/3026 | 3.3 | 4.3 | 7.7 | 5.0 | 5.1 |
| NIGHTLIFE | 4.0 | 4.0 | 3.7 | 8.0 | 4.9 |
| KINGDOM | 4.0 | 4.0 | 3.3 | 8.0 | 4.8 |
| MUSKET (PPG-AT 104) | 3.3 | 4.0 | 7.0 | 5.0 | 4.8 |
| GREENTIME | 3.3 | 4.0 | 5.0 | 6.7 | 4.8 |
| ARMOR | 3.7 | 3.3 | 3.7 | 8.0 | 4.7 |
| LSD VALUE | 1.1 | 0.6 | 1.2 | 1.0 | 0.5 |
| C.V. (%) | 16.7 | 7.9 | 13.5 | 8.5 | 11.5 |

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

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

TABLE 10B. SPRING GREENUP RATINGS OF CREEPING BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2009 DATA

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

| NAME | MI1 | ND1 | NJ1 | VA1 | MEAN |
|--------------------|------|-----|------|-----|------|
| V-8 | 4.3 | 5.3 | 6.7 | 7.3 | 5.9 |
| 007 | 4.3 | 4.7 | 6.7 | 7.3 | 5.8 |
| CRYSTAL BLUE LINKS | 4.3 | 5.3 | 6.3 | 7.0 | 5.8 |
| CHINOOK (H10G-OP) | 4.3 | 6.0 | 5.0 | 7.0 | 5.6 |
| PST-ORBS | 3.7 | 6.0 | 5.3 | 7.3 | 5.6 |
| SHARK | 3.7 | 6.0 | 6.0 | 6.7 | 5.6 |
| PIRANHA (DC-1) | 4.0 | 4.3 | 6.7 | 7.0 | 5.5 |
| BARRACUDA | 4.7 | 4.3 | 5.7 | 7.0 | 5.4 |
| PENNCROSS | 4.3 | 5.0 | 5.0 | 7.0 | 5.3 |
| PST-DCV6 | 4.0 | 5.0 | 5.0 | 7.3 | 5.3 |
| L-93XD | 3.7 | 4.0 | 6.3 | 7.0 | 5.3 |
| NIGHTLIFE | 4.0 | 4.0 | 3.7 | 8.0 | 4.9 |
| KINGDOM | 4.0 | 4.0 | 3.3 | 8.0 | 4.8 |
| ARMOR | 3.7 | 3.3 | 3.7 | 8.0 | 4.7 |
| LSD VALUE | 1.0 | 0.6 | 1.2 | 0.8 | 0.5 |
| C.V. (%) | 15.2 | 7.9 | 13.5 | 7.0 | 10.6 |

TABLE 10C. SPRING GREENUP RATINGS OF COLONIAL BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2009 DATA

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

| NAME | MI1 | ND1 | NJ1 | VA1 | MEAN |
|---------------------|------|-----|------|------|------|
| DLFPS-AT/3026 | 3.3 | 4.3 | 7.7 | 5.0 | 5.1 |
| MUSKET (PPG-AT 104) | 3.3 | 4.0 | 7.0 | 5.0 | 4.8 |
| GREENTIME | 3.3 | 4.0 | 5.0 | 6.7 | 4.8 |
| LSD VALUE | 1.3 | 0.5 | 1.4 | 1.4 | 0.6 |
| C.V. (%) | 24.5 | 8.1 | 13.5 | 15.9 | 15.6 |

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 11A. LEAF TEXTURE RATINGS OF BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2009 DATA

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

| NAME | NJ1 |
|---------------------|------|
| 007 | 8.3 |
| L-93XD | 8.0 |
| PIRANHA (DC-1) | 8.0 |
| CHINOOK (H10G-OP) | 7.7 |
| CRYSTAL BLUE LINKS | 7.7 |
| DLFPS-AT/3026 | 7.7 |
| GREENTIME | 7.7 |
| PST-DCV6 | 7.3 |
| SHARK | 7.3 |
| V-8 | 7.3 |
| BARRACUDA | 7.0 |
| MUSKET (PPG-AT 104) | 7.0 |
| PST-ORBS | 7.0 |
| NIGHTLIFE | 6.7 |
| ARMOR | 6.3 |
| KINGDOM | 5.7 |
| PENNCROSS | 3.3 |
| LSD VALUE | 1.3 |
| C.V. (%) | 11.4 |

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 11B. LEAF TEXTURE RATINGS OF CREEPING BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2009 DATA

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

| NAME | NJ1 |
|--------------------|------|
| 007 | 8.3 |
| L-93XD | 8.0 |
| PIRANHA (DC-1) | 8.0 |
| CHINOOK (H10G-OP) | 7.7 |
| CRYSTAL BLUE LINKS | 7.7 |
| PST-DCV6 | 7.3 |
| SHARK | 7.3 |
| V-8 | 7.3 |
| BARRACUDA | 7.0 |
| PST-ORBS | 7.0 |
| NIGHTLIFE | 6.7 |
| ARMOR | 6.3 |
| KINGDOM | 5.7 |
| PENNCROSS | 3.3 |
| LSD VALUE | 1.3 |
| C.V. (%) | 11.7 |

TABLE 11C. LEAF TEXTURE RATINGS OF COLONIAL BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2009 DATA

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

| NAME | NJ1 |
|---------------------|------|
| DLFPS-AT/3026 | 7.7 |
| GREENTIME | 7.7 |
| MUSKET (PPG-AT 104) | 7.0 |
| LSD VALUE | 1.2 |
| C.V. (%) | 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 12A. SEEDLING VIGOR RATINGS OF BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2009 DATA

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

| NAME | M01 | NJ1 | UT1 | WA1 | MEAN |
|---------------------|------|------|-----|-----|------|
| BARRACUDA | 7.3 | 9.0 | 8.7 | 7.7 | 8.2 |
| CRYSTAL BLUE LINKS | 7.3 | 9.0 | 8.7 | 7.7 | 8.2 |
| SHARK | 6.7 | 8.0 | 8.0 | 8.0 | 7.7 |
| V-8 | 6.3 | 7.0 | 7.7 | 8.3 | 7.3 |
| PIRANHA (DC-1) | 6.0 | 7.3 | 8.0 | 7.7 | 7.3 |
| DLFPS-AT/3026 | 6.3 | 5.7 | 8.0 | 8.3 | 7.1 |
| MUSKET (PPG-AT 104) | 6.7 | 6.0 | 7.7 | 8.0 | 7.1 |
| PENNCROSS | 6.0 | 7.0 | 7.7 | 7.7 | 7.1 |
| NIGHTLIFE | 6.0 | 6.0 | 8.3 | 7.7 | 7.0 |
| 007 | 5.0 | 6.3 | 8.3 | 8.3 | 7.0 |
| CHINOOK (H10G-OP) | 5.3 | 7.0 | 8.0 | 7.3 | 6.9 |
| KINGDOM | 5.7 | 5.3 | 8.3 | 8.0 | 6.8 |
| PST-DCV6 | 5.0 | 6.0 | 8.3 | 7.7 | 6.8 |
| GREENTIME | 5.7 | 4.7 | 8.0 | 7.3 | 6.4 |
| L-93XD | 4.3 | 6.3 | 7.3 | 7.3 | 6.3 |
| ARMOR | 3.3 | 6.0 | 7.3 | 7.3 | 6.0 |
| PST-ORBS | 3.7 | 4.7 | 8.3 | 7.0 | 5.9 |
| LSD VALUE | 1.1 | 1.7 | 1.0 | 1.1 | 0.6 |
| C.V. (%) | 12.1 | 15.9 | 7.4 | 9.1 | 11.0 |

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 12B. SEEDLING VIGOR RATINGS OF CREEPING BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2009 DATA

| SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/ | | | | | |
|--|------|------|-----|-----|------|
| NAME | M01 | NJ1 | UT1 | WA1 | MEAN |
| BARRACUDA | 7.3 | 9.0 | 8.7 | 7.7 | 8.2 |
| CRYSTAL BLUE LINKS | 7.3 | 9.0 | 8.7 | 7.7 | 8.2 |
| SHARK | 6.7 | 8.0 | 8.0 | 8.0 | 7.7 |
| V-8 | 6.3 | 7.0 | 7.7 | 8.3 | 7.3 |
| PIRANHA (DC-1) | 6.0 | 7.3 | 8.0 | 7.7 | 7.3 |
| PENNCROSS | 6.0 | 7.0 | 7.7 | 7.7 | 7.1 |
| NIGHTLIFE | 6.0 | 6.0 | 8.3 | 7.7 | 7.0 |
| 007 | 5.0 | 6.3 | 8.3 | 8.3 | 7.0 |
| CHINOOK (H10G-OP) | 5.3 | 7.0 | 8.0 | 7.3 | 6.9 |
| KINGDOM | 5.7 | 5.3 | 8.3 | 8.0 | 6.8 |
| PST-DCV6 | 5.0 | 6.0 | 8.3 | 7.7 | 6.8 |
| L-93XD | 4.3 | 6.3 | 7.3 | 7.3 | 6.3 |
| ARMOR | 3.3 | 6.0 | 7.3 | 7.3 | 6.0 |
| PST-ORBS | 3.7 | 4.7 | 8.3 | 7.0 | 5.9 |
| LSD VALUE | 1.1 | 1.8 | 1.0 | 1.1 | 0.6 |
| C.V. (%) | 11.8 | 16.6 | 7.9 | 9.0 | 11.4 |

TABLE 12C. SEEDLING VIGOR RATINGS OF COLONIAL BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2009 DATA

| SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/ | | | | | |
|--|------|-----|-----|-----|------|
| NAME | M01 | NJ1 | UT1 | WA1 | MEAN |
| DLFPS-AT/3026 | 6.3 | 5.7 | 8.0 | 8.3 | 7.1 |
| MUSKET (PPG-AT 104) | 6.7 | 6.0 | 7.7 | 8.0 | 7.1 |
| GREENTIME | 5.7 | 4.7 | 8.0 | 7.3 | 6.4 |
| LSD VALUE | 1.3 | 0.8 | 0.5 | 1.2 | 0.5 |
| C.V. (%) | 13.1 | 8.7 | 4.2 | 9.4 | 9.1 |

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

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

TABLE 13A. SPRING DENSITY RATINGS OF BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2009 DATA

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

| NAME | ND1 |
|---------------------|------|
| CHINOOK (H10G-0P) | 4.7 |
| BARRACUDA | 4.3 |
| CRYSTAL BLUE LINKS | 4.3 |
| SHARK | 4.3 |
| PENNCROSS | 4.0 |
| PIRANHA (DC-1) | 4.0 |
| PST-ORBS | 4.0 |
| V-8 | 4.0 |
| 007 | 3.7 |
| ARMOR | 3.3 |
| KINGDOM | 3.3 |
| PST-DCV6 | 3.3 |
| L-93XD | 3.0 |
| NIGHTLIFE | 3.0 |
| DLFPS-AT/3026 | 2.7 |
| GREENTIME | 2.7 |
| MUSKET (PPG-AT 104) | 2.0 |
| LSD VALUE | 0.7 |
| C.V. (%) | 12.4 |

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 13B. SPRING DENSITY RATINGS OF CREEPING BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2009 DATA

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

| NAME | ND1 |
|--------------------|------|
| CHINOOK (H10G-OP) | 4.7 |
| BARRACUDA | 4.3 |
| CRYSTAL BLUE LINKS | 4.3 |
| SHARK | 4.3 |
| PENNCROSS | 4.0 |
| PIRANHA (DC-1) | 4.0 |
| PST-ORBS | 4.0 |
| V-8 | 4.0 |
| 007 | 3.7 |
| ARMOR | 3.3 |
| KINGDOM | 3.3 |
| PST-DCV6 | 3.3 |
| L-93XD | 3.0 |
| NIGHTLIFE | 3.0 |
| LSD VALUE | 0.7 |
| C.V. (%) | 11.5 |

TABLE 13C. SPRING DENSITY RATINGS OF COLONIAL BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2009 DATA

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

| NAME | ND1 |
|---------------------|------|
| DLFPS-AT/3026 | 2.7 |
| GREENTIME | 2.7 |
| MUSKET (PPG-AT 104) | 2.0 |
| LSD VALUE | 0.8 |
| C.V. (%) | 19.3 |

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 14A. SUMMER DENSITY RATINGS OF BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2009 DATA

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

| NAME | ND1 |
|---------------------|-----|
| 007 | 5.0 |
| BARRACUDA | 5.0 |
| CHINOOK (H10G-OP) | 5.0 |
| CRYSTAL BLUE LINKS | 5.0 |
| KINGDOM | 5.0 |
| PENNCROSS | 5.0 |
| SHARK | 5.0 |
| V-8 | 5.0 |
| NIGHTLIFE | 4.7 |
| PIRANHA (DC-1) | 4.7 |
| PST-ORBS | 4.7 |
| DLFPS-AT/3026 | 4.3 |
| GREENTIME | 4.3 |
| MUSKET (PPG-AT 104) | 4.3 |
| PST-DCV6 | 4.3 |
| ARMOR | 4.0 |
| L-93XD | 4.0 |
| LSD VALUE | 0.6 |
| C.V. (%) | 7.9 |

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 14B. SUMMER DENSITY RATINGS OF CREEPING BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2009 DATA

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

| NAME | ND1 |
|--------------------|-----|
| 007 | 5.0 |
| BARRACUDA | 5.0 |
| CHINOOK (H10G-0P) | 5.0 |
| CRYSTAL BLUE LINKS | 5.0 |
| KINGDOM | 5.0 |
| PENNCROSS | 5.0 |
| SHARK | 5.0 |
| V-8 | 5.0 |
| NIGHTLIFE | 4.7 |
| PIRANHA (DC-1) | 4.7 |
| PST-ORBS | 4.7 |
| PST-DCV6 | 4.3 |
| ARMOR | 4.0 |
| L-93XD | 4.0 |
| LSD VALUE | 0.5 |
| C.V. (%) | 6.5 |

TABLE 14C. SUMMER DENSITY RATINGS OF COLONIAL BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2009 DATA

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

| NAME | ND1 |
|---------------------|------|
| DLFPS-AT/3026 | 4.3 |
| GREENTIME | 4.3 |
| MUSKET (PPG-AT 104) | 4.3 |
| LSD VALUE | 0.9 |
| C.V. (%) | 13.3 |

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 15A. FALL DENSITY RATINGS OF BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2009 DATA

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

| NAME | ND1 | NJ1 | MEAN |
|---------------------|-----|------|------|
| BARRACUDA | 6.7 | 6.3 | 6.5 |
| PIRANHA (DC-1) | 6.0 | 7.0 | 6.5 |
| SHARK | 7.0 | 6.0 | 6.5 |
| CHINOOK (H10G-OP) | 7.0 | 5.7 | 6.3 |
| L-93XD | 6.0 | 6.7 | 6.3 |
| V-8 | 7.0 | 5.7 | 6.3 |
| 007 | 6.0 | 6.3 | 6.2 |
| DLFPS-AT/3026 | 5.3 | 7.0 | 6.2 |
| NIGHTLIFE | 6.0 | 6.0 | 6.0 |
| KINGDOM | 6.3 | 5.3 | 5.8 |
| PST-DCV6 | 6.0 | 5.0 | 5.5 |
| PST-ORBS | 6.0 | 5.0 | 5.5 |
| GREENTIME | 6.0 | 4.7 | 5.3 |
| MUSKET (PPG-AT 104) | 6.0 | 4.7 | 5.3 |
| CRYSTAL BLUE LINKS | 6.3 | 4.3 | 5.3 |
| ARMOR | 5.3 | 4.0 | 4.7 |
| PENNCROSS | 6.0 | 2.3 | 4.2 |
| LSD VALUE | 0.5 | 1.7 | 0.9 |
| C.V. (%) | 5.1 | 19.2 | 13.2 |

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

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

TABLE 15B. FALL DENSITY RATINGS OF CREEPING BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2009 DATA

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

| NAME | ND1 | NJ1 | MEAN |
|--------------------|-----|------|------|
| BARRACUDA | 6.7 | 6.3 | 6.5 |
| PIRANHA (DC-1) | 6.0 | 7.0 | 6.5 |
| SHARK | 7.0 | 6.0 | 6.5 |
| CHINOOK (H10G-OP) | 7.0 | 5.7 | 6.3 |
| L-93XD | 6.0 | 6.7 | 6.3 |
| V-8 | 7.0 | 5.7 | 6.3 |
| 007 | 6.0 | 6.3 | 6.2 |
| NIGHTLIFE | 6.0 | 6.0 | 6.0 |
| KINGDOM | 6.3 | 5.3 | 5.8 |
| PST-DCV6 | 6.0 | 5.0 | 5.5 |
| PST-ORBS | 6.0 | 5.0 | 5.5 |
| CRYSTAL BLUE LINKS | 6.3 | 4.3 | 5.3 |
| ARMOR | 5.3 | 4.0 | 4.7 |
| PENNCROSS | 6.0 | 2.3 | 4.2 |
| LSD VALUE | 0.5 | 1.5 | 0.8 |
| C.V. (%) | 4.9 | 17.6 | 12.1 |

TABLE 15C. FALL DENSITY RATINGS OF COLONIAL BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2009 DATA

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

| NAME | ND1 | NJ1 | MEAN |
|---------------------|-----|------|------|
| DLFPS-AT/3026 | 5.3 | 7.0 | 6.2 |
| GREENTIME | 6.0 | 4.7 | 5.3 |
| MUSKET (PPG-AT 104) | 6.0 | 4.7 | 5.3 |
| LSD VALUE | 0.5 | 2.2 | 1.1 |
| C.V. (%) | 5.8 | 25.2 | 17.8 |

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 16A. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2009 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

| NAME | KY1 | ND1 | VA1 | MEAN |
|---------------------|------|------|------|------|
| SHARK | 93.3 | 56.7 | 91.7 | 80.6 |
| CHINOOK (H10G-OP) | 91.7 | 56.7 | 85.0 | 77.8 |
| CRYSTAL BLUE LINKS | 86.7 | 56.7 | 86.7 | 76.7 |
| BARRACUDA | 95.0 | 46.7 | 85.0 | 75.6 |
| 007 | 91.7 | 48.3 | 85.0 | 75.0 |
| V-8 | 85.0 | 56.7 | 83.3 | 75.0 |
| PENNCROSS | 90.0 | 55.0 | 78.3 | 74.4 |
| GREENTIME | 91.7 | 36.7 | 90.0 | 72.8 |
| DLFPS-AT/3026 | 86.7 | 38.3 | 91.7 | 72.2 |
| MUSKET (PPG-AT 104) | 90.0 | 35.0 | 90.0 | 71.7 |
| PST-DCV6 | 91.7 | 45.0 | 78.3 | 71.7 |
| NIGHTLIFE | 90.0 | 45.0 | 78.3 | 71.1 |
| PIRANHA (DC-1) | 88.3 | 46.7 | 78.3 | 71.1 |
| PST-ORBS | 88.3 | 45.0 | 80.0 | 71.1 |
| KINGDOM | 86.7 | 46.7 | 78.3 | 70.6 |
| L-93XD | 86.7 | 45.0 | 78.3 | 70.0 |
| ARMOR | 85.0 | 36.7 | 75.0 | 65.6 |
| LSD VALUE | 8.4 | 4.6 | 8.8 | 4.3 |
| C.V. (%) | 5.9 | 6.2 | 6.6 | 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 16B. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF CREEPING BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2009 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

| NAME | KY1 | ND1 | VA1 | MEAN |
|--------------------|------|------|------|------|
| SHARK | 93.3 | 56.7 | 91.7 | 80.6 |
| CHINOOK (H10G-OP) | 91.7 | 56.7 | 85.0 | 77.8 |
| CRYSTAL BLUE LINKS | 86.7 | 56.7 | 86.7 | 76.7 |
| BARRACUDA | 95.0 | 46.7 | 85.0 | 75.6 |
| 007 | 91.7 | 48.3 | 85.0 | 75.0 |
| V-8 | 85.0 | 56.7 | 83.3 | 75.0 |
| PENNCROSS | 90.0 | 55.0 | 78.3 | 74.4 |
| PST-DCV6 | 91.7 | 45.0 | 78.3 | 71.7 |
| NIGHTLIFE | 90.0 | 45.0 | 78.3 | 71.1 |
| PIRANHA (DC-1) | 88.3 | 46.7 | 78.3 | 71.1 |
| PST-ORBS | 88.3 | 45.0 | 80.0 | 71.1 |
| KINGDOM | 86.7 | 46.7 | 78.3 | 70.6 |
| L-93XD | 86.7 | 45.0 | 78.3 | 70.0 |
| ARMOR | 85.0 | 36.7 | 75.0 | 65.6 |
| LSD VALUE | 7.1 | 4.3 | 8.9 | 4.1 |
| C.V. (%) | 5.0 | 5.4 | 6.8 | 6.0 |

TABLE 16C. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF COLONIAL BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2009 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

| NAME | KY1 | ND1 | VA1 | MEAN |
|---------------------|------|------|------|------|
| GREENTIME | 91.7 | 36.7 | 90.0 | 72.8 |
| DLFPS-AT/3026 | 86.7 | 38.3 | 91.7 | 72.2 |
| MUSKET (PPG-AT 104) | 90.0 | 35.0 | 90.0 | 71.7 |
| LSD VALUE | 12.9 | 6.0 | 8.5 | 5.5 |
| C.V. (%) | 8.9 | 10.2 | 5.8 | 8.2 |

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 17A. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2009 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

| NAME | ND1 | VA1 | MEAN |
|---------------------|------|------|------|
| SHARK | 80.0 | 94.7 | 87.3 |
| V-8 | 75.0 | 96.3 | 85.7 |
| CHINOOK (H10G-OP) | 75.0 | 95.0 | 85.0 |
| CRYSTAL BLUE LINKS | 71.7 | 94.7 | 83.2 |
| PIRANHA (DC-1) | 70.0 | 95.0 | 82.5 |
| PST-ORBS | 70.0 | 94.7 | 82.3 |
| BARRACUDA | 75.0 | 88.3 | 81.7 |
| NIGHTLIFE | 68.3 | 93.3 | 80.8 |
| 007 | 68.3 | 93.0 | 80.7 |
| KINGDOM | 73.3 | 88.0 | 80.7 |
| MUSKET (PPG-AT 104) | 65.0 | 93.3 | 79.2 |
| PENNCROSS | 70.0 | 88.3 | 79.2 |
| DLFPS-AT/3026 | 56.7 | 99.0 | 77.8 |
| ARMOR | 60.0 | 91.7 | 75.8 |
| L-93XD | 60.0 | 91.7 | 75.8 |
| PST-DCV6 | 65.0 | 86.3 | 75.7 |
| GREENTIME | 58.3 | 90.0 | 74.2 |
| LSD VALUE | 3.4 | 9.6 | 5.1 |
| C.V. (%) | 3.1 | 6.5 | 5.6 |

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

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

TABLE 17B. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF CREEPING BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2009 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

| NAME | ND1 | VA1 | MEAN |
|--------------------|------|------|------|
| SHARK | 80.0 | 94.7 | 87.3 |
| V-8 | 75.0 | 96.3 | 85.7 |
| CHINOOK (H10G-OP) | 75.0 | 95.0 | 85.0 |
| CRYSTAL BLUE LINKS | 71.7 | 94.7 | 83.2 |
| PIRANHA (DC-1) | 70.0 | 95.0 | 82.5 |
| PST-ORBS | 70.0 | 94.7 | 82.3 |
| BARRACUDA | 75.0 | 88.3 | 81.7 |
| NIGHTLIFE | 68.3 | 93.3 | 80.8 |
| 007 | 68.3 | 93.0 | 80.7 |
| KINGDOM | 73.3 | 88.0 | 80.7 |
| PENNCROSS | 70.0 | 88.3 | 79.2 |
| ARMOR | 60.0 | 91.7 | 75.8 |
| L-93XD | 60.0 | 91.7 | 75.8 |
| PST-DCV6 | 65.0 | 86.3 | 75.7 |
| LSD VALUE | 3.3 | 10.6 | 5.5 |
| C.V. (%) | 2.9 | 7.1 | 6.0 |

TABLE 17C. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF COLONIAL BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2009 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

| NAME | ND1 | VA1 | MEAN |
|---------------------|------|------|------|
| MUSKET (PPG-AT 104) | 65.0 | 93.3 | 79.2 |
| DLFPS-AT/3026 | 56.7 | 99.0 | 77.8 |
| GREENTIME | 58.3 | 90.0 | 74.2 |
| LSD VALUE | 3.8 | 2.7 | 2.3 |
| C.V. (%) | 3.9 | 1.8 | 2.6 |

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 18A. PERCENT LIVING GROUND COVER (FALL) RATINGS OF BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2009 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

| NAME | ND1 | NJ1 | MEAN |
|---------------------|------|------|------|
| CRYSTAL BLUE LINKS | 99.0 | 76.7 | 87.8 |
| BARRACUDA | 90.0 | 81.7 | 85.8 |
| CHINOOK (H10G-OP) | 99.0 | 65.0 | 82.0 |
| SHARK | 99.0 | 65.0 | 82.0 |
| PIRANHA (DC-1) | 95.0 | 68.3 | 81.7 |
| V-8 | 99.0 | 63.3 | 81.2 |
| PENNCROSS | 90.0 | 70.0 | 80.0 |
| 007 | 96.3 | 60.0 | 78.2 |
| KINGDOM | 97.7 | 51.7 | 74.7 |
| L-93XD | 90.0 | 58.3 | 74.2 |
| NIGHTLIFE | 90.0 | 58.3 | 74.2 |
| ARMOR | 86.7 | 56.7 | 71.7 |
| GREENTIME | 90.0 | 45.0 | 67.5 |
| DLFPS-AT/3026 | 88.3 | 45.0 | 66.7 |
| PST-DCV6 | 85.0 | 45.0 | 65.0 |
| PST-ORBS | 85.0 | 45.0 | 65.0 |
| MUSKET (PPG-AT 104) | 88.3 | 40.0 | 64.2 |
| LSD VALUE | 3.6 | 14.9 | 7.7 |
| C.V. (%) | 2.4 | 15.9 | 9.0 |

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

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

TABLE 18B. PERCENT LIVING GROUND COVER (FALL) RATINGS OF CREEPING BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2009 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

| NAME | ND1 | NJ1 | MEAN |
|--------------------|------|------|------|
| CRYSTAL BLUE LINKS | 99.0 | 76.7 | 87.8 |
| BARRACUDA | 90.0 | 81.7 | 85.8 |
| CHINOOK (H10G-OP) | 99.0 | 65.0 | 82.0 |
| SHARK | 99.0 | 65.0 | 82.0 |
| PIRANHA (DC-1) | 95.0 | 68.3 | 81.7 |
| V-8 | 99.0 | 63.3 | 81.2 |
| PENNCROSS | 90.0 | 70.0 | 80.0 |
| 007 | 96.3 | 60.0 | 78.2 |
| KINGDOM | 97.7 | 51.7 | 74.7 |
| L-93XD | 90.0 | 58.3 | 74.2 |
| NIGHTLIFE | 90.0 | 58.3 | 74.2 |
| ARMOR | 86.7 | 56.7 | 71.7 |
| PST-DCV6 | 85.0 | 45.0 | 65.0 |
| PST-ORBS | 85.0 | 45.0 | 65.0 |
| LSD VALUE | 1.9 | 15.7 | 7.9 |
| C.V. (%) | 1.3 | 15.8 | 9.0 |

TABLE 18C. PERCENT LIVING GROUND COVER (FALL) RATINGS OF COLONIAL BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2009 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

| NAME | ND1 | NJ1 | MEAN |
|---------------------|------|------|------|
| GREENTIME | 90.0 | 45.0 | 67.5 |
| DLFPS-AT/3026 | 88.3 | 45.0 | 66.7 |
| MUSKET (PPG-AT 104) | 88.3 | 40.0 | 64.2 |
| LSD VALUE | 7.6 | 10.4 | 6.4 |
| C.V. (%) | 5.3 | 14.9 | 8.5 |

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

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

TABLE 19A. DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2009 DATA

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

| NAME | KS1 | MD1 | MI1 | MO1 | NJ1 | MEAN |
|---------------------|------|-----|------|------|------|------|
| DLFPS-AT/3026 | 7.3 | 8.7 | 7.3 | 8.7 | 8.7 | 8.1 |
| MUSKET (PPG-AT 104) | 7.0 | 7.0 | 7.0 | 9.0 | 8.0 | 7.6 |
| 007 | 8.0 | 7.7 | 5.7 | 9.0 | 7.3 | 7.5 |
| BARRACUDA | 8.7 | 7.7 | 5.3 | 8.0 | 7.3 | 7.4 |
| CHINOOK (H10G-OP) | 7.7 | 9.0 | 6.3 | 5.3 | 7.3 | 7.1 |
| L-93XD | 7.3 | 8.7 | 5.0 | 6.0 | 7.7 | 6.9 |
| PIRANHA (DC-1) | 7.7 | 8.7 | 6.3 | 5.3 | 6.3 | 6.9 |
| GREENTIME | 7.3 | 7.0 | 3.3 | 8.3 | 8.0 | 6.8 |
| V-8 | 6.0 | 7.7 | 3.7 | 8.3 | 6.7 | 6.5 |
| SHARK | 7.7 | 6.3 | 3.3 | 8.0 | 6.0 | 6.3 |
| CRYSTAL BLUE LINKS | 7.0 | 7.0 | 3.3 | 5.7 | 6.3 | 5.9 |
| NIGHTLIFE | 6.7 | 6.7 | 2.7 | 6.0 | 6.7 | 5.7 |
| PST-ORBS | 7.7 | 4.7 | 2.0 | 6.7 | 6.7 | 5.5 |
| KINGDOM | 6.3 | 6.0 | 2.3 | 6.3 | 5.7 | 5.3 |
| PENNCROSS | 5.3 | 6.0 | 3.3 | 6.0 | 5.7 | 5.3 |
| PST-DCV6 | 7.0 | 3.7 | 2.0 | 5.3 | 6.7 | 4.9 |
| ARMOR | 7.0 | 3.0 | 1.3 | 3.3 | 4.7 | 3.9 |
| LSD VALUE | 2.2 | 1.0 | 1.8 | 3.5 | 1.4 | 1.0 |
| C.V. (%) | 19.4 | 9.0 | 27.1 | 32.2 | 12.7 | 21.3 |

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 19B. DOLLAR SPOT RATINGS OF CREEPING BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2009 DATA

| NAME | DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ | | | | | MEAN |
|--------------------|--|-----|------|------|------|------|
| | KS1 | MD1 | MI1 | MO1 | NJ1 | |
| 007 | 8.0 | 7.7 | 5.7 | 9.0 | 7.3 | 7.5 |
| BARRACUDA | 8.7 | 7.7 | 5.3 | 8.0 | 7.3 | 7.4 |
| CHINOOK (H10G-OP) | 7.7 | 9.0 | 6.3 | 5.3 | 7.3 | 7.1 |
| L-93XD | 7.3 | 8.7 | 5.0 | 6.0 | 7.7 | 6.9 |
| PIRANHA (DC-1) | 7.7 | 8.7 | 6.3 | 5.3 | 6.3 | 6.9 |
| V-8 | 6.0 | 7.7 | 3.7 | 8.3 | 6.7 | 6.5 |
| SHARK | 7.7 | 6.3 | 3.3 | 8.0 | 6.0 | 6.3 |
| CRYSTAL BLUE LINKS | 7.0 | 7.0 | 3.3 | 5.7 | 6.3 | 5.9 |
| NIGHTLIFE | 6.7 | 6.7 | 2.7 | 6.0 | 6.7 | 5.7 |
| PST-ORBS | 7.7 | 4.7 | 2.0 | 6.7 | 6.7 | 5.5 |
| KINGDOM | 6.3 | 6.0 | 2.3 | 6.3 | 5.7 | 5.3 |
| PENNCROSS | 5.3 | 6.0 | 3.3 | 6.0 | 5.7 | 5.3 |
| PST-DCV6 | 7.0 | 3.7 | 2.0 | 5.3 | 6.7 | 4.9 |
| ARMOR | 7.0 | 3.0 | 1.3 | 3.3 | 4.7 | 3.9 |
| LSD VALUE | 2.4 | 1.0 | 1.9 | 3.8 | 1.5 | 1.0 |
| C.V. (%) | 20.5 | 9.0 | 30.7 | 37.4 | 14.4 | 23.7 |

TABLE 19C. DOLLAR SPOT RATINGS OF COLONIAL BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2009 DATA

| NAME | DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ | | | | | MEAN |
|---------------------|--|-----|------|-----|-----|------|
| | KS1 | MD1 | MI1 | MO1 | NJ1 | |
| DLFPS-AT/3026 | 7.3 | 8.7 | 7.3 | 8.7 | 8.7 | 8.1 |
| MUSKET (PPG-AT 104) | 7.0 | 7.0 | 7.0 | 9.0 | 8.0 | 7.6 |
| GREENTIME | 7.3 | 7.0 | 3.3 | 8.3 | 8.0 | 6.8 |
| LSD VALUE | 1.5 | 1.1 | 1.5 | 1.2 | 0.5 | 0.5 |
| C.V. (%) | 13.1 | 8.8 | 16.0 | 8.6 | 4.1 | 10.1 |

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

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

TABLE 20A. BROWN PATCH (WARM TEMPERATURE) RATINGS OF BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2009 DATA

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

| NAME | MD1 | MO1 | NJ1 | MEAN |
|---------------------|-----|-----|------|------|
| ARMOR | 9.0 | 9.0 | 7.0 | 8.3 |
| L-93XD | 9.0 | 9.0 | 7.0 | 8.3 |
| PIRANHA (DC-1) | 9.0 | 9.0 | 6.7 | 8.2 |
| CHINOOK (H10G-OP) | 9.0 | 9.0 | 6.3 | 8.1 |
| NIGHTLIFE | 9.0 | 9.0 | 6.3 | 8.1 |
| PST-DCV6 | 8.7 | 9.0 | 6.7 | 8.1 |
| KINGDOM | 9.0 | 9.0 | 5.7 | 7.9 |
| 007 | 9.0 | 9.0 | 5.3 | 7.8 |
| V-8 | 9.0 | 9.0 | 5.3 | 7.8 |
| PST-ORBS | 9.0 | 9.0 | 5.0 | 7.7 |
| SHARK | 9.0 | 9.0 | 5.0 | 7.7 |
| BARRACUDA | 8.7 | 9.0 | 5.3 | 7.7 |
| CRYSTAL BLUE LINKS | 8.3 | 8.7 | 5.0 | 7.3 |
| PENNCROSS | 8.7 | 9.0 | 3.7 | 7.1 |
| DLFPS-AT/3026 | 6.7 | 6.7 | 3.3 | 5.6 |
| MUSKET (PPG-AT 104) | 6.7 | 6.0 | 2.3 | 5.0 |
| GREENTIME | 5.7 | 3.3 | 1.7 | 3.6 |
| LSD VALUE | 0.9 | 1.1 | 1.7 | 0.7 |
| C.V. (%) | 6.6 | 8.2 | 20.5 | 10.9 |

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

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

TABLE 20B. BROWN PATCH (WARM TEMPERATURE) RATINGS OF CREEPING BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2009 DATA

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

| NAME | MD1 | MO1 | NJ1 | MEAN |
|--------------------|-----|-----|------|------|
| ARMOR | 9.0 | 9.0 | 7.0 | 8.3 |
| L-93XD | 9.0 | 9.0 | 7.0 | 8.3 |
| PIRANHA (DC-1) | 9.0 | 9.0 | 6.7 | 8.2 |
| CHINOOK (H10G-OP) | 9.0 | 9.0 | 6.3 | 8.1 |
| NIGHTLIFE | 9.0 | 9.0 | 6.3 | 8.1 |
| PST-DCV6 | 8.7 | 9.0 | 6.7 | 8.1 |
| KINGDOM | 9.0 | 9.0 | 5.7 | 7.9 |
| 007 | 9.0 | 9.0 | 5.3 | 7.8 |
| V-8 | 9.0 | 9.0 | 5.3 | 7.8 |
| PST-ORBS | 9.0 | 9.0 | 5.0 | 7.7 |
| SHARK | 9.0 | 9.0 | 5.0 | 7.7 |
| BARRACUDA | 8.7 | 9.0 | 5.3 | 7.7 |
| CRYSTAL BLUE LINKS | 8.3 | 8.7 | 5.0 | 7.3 |
| PENNCROSS | 8.7 | 9.0 | 3.7 | 7.1 |
| LSD VALUE | 0.5 | 0.2 | 1.7 | 0.6 |
| C.V. (%) | 3.5 | 1.7 | 18.0 | 8.0 |

TABLE 20C. BROWN PATCH (WARM TEMPERATURE) RATINGS OF COLONIAL BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2009 DATA

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

| NAME | MD1 | MO1 | NJ1 | MEAN |
|---------------------|------|------|------|------|
| DLFPS-AT/3026 | 6.7 | 6.7 | 3.3 | 5.6 |
| MUSKET (PPG-AT 104) | 6.7 | 6.0 | 2.3 | 5.0 |
| GREENTIME | 5.7 | 3.3 | 1.7 | 3.6 |
| LSD VALUE | 1.9 | 2.6 | 1.9 | 1.2 |
| C.V. (%) | 18.2 | 30.0 | 47.2 | 28.0 |

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 21A. PYTHIUM ROOT ROT RATINGS OF BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2015 DATA

PYTHIUM ROOT ROT RATINGS 1-9; 9=NO DISEASE 2/

| NAME | NJ1 |
|---------------------|------|
| ARMOR | 8.7 |
| L-93XD | 8.7 |
| NIGHTLIFE | 8.7 |
| V-8 | 8.7 |
| KINGDOM | 8.3 |
| 007 | 8.0 |
| SHARK | 8.0 |
| BARRACUDA | 7.3 |
| PENNCROSS | 7.0 |
| CHINOOK (H10G-OP) | 6.3 |
| CRYSTAL BLUE LINKS | 6.0 |
| PIRANHA (DC-1) | 6.0 |
| PST-DCV6 | 6.0 |
| PST-ORBS | 6.0 |
| GREENTIME | 3.7 |
| DLFPS-AT/3026 | 3.0 |
| MUSKET (PPG-AT 104) | 3.0 |
| LSD VALUE | 1.5 |
| C.V. (%) | 13.9 |

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 21B. PYTHIUM ROOT ROT RATINGS OF CREEPING BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2015 DATA

PYTHIUM ROOT ROT RATINGS 1-9; 9=NO DISEASE 2/

| NAME | NJ1 |
|--------------------|------|
| ARMOR | 8.7 |
| L-93XD | 8.7 |
| NIGHTLIFE | 8.7 |
| V-8 | 8.7 |
| KINGDOM | 8.3 |
| 007 | 8.0 |
| SHARK | 8.0 |
| BARRACUDA | 7.3 |
| PENNCROSS | 7.0 |
| CHINOOK (H10G-OP) | 6.3 |
| CRYSTAL BLUE LINKS | 6.0 |
| PIRANHA (DC-1) | 6.0 |
| PST-DCV6 | 6.0 |
| PST-ORBS | 6.0 |
| LSD VALUE | 1.4 |
| C.V. (%) | 12.2 |

TABLE 21C. PYTHIUM ROOT ROT RATINGS OF COLONIAL BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2015 DATA

PYTHIUM ROOT ROT RATINGS 1-9; 9=NO DISEASE 2/

| NAME | NJ1 |
|---------------------|------|
| GREENTIME | 3.7 |
| DLFPS-AT/3026 | 3.0 |
| MUSKET (PPG-AT 104) | 3.0 |
| LSD VALUE | 1.7 |
| C.V. (%) | 32.7 |

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 22A. FALL COLOR (NOVEMBER) RATINGS OF BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2015 DATA

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

| NAME | IL1 |
|---------------------|------|
| V-8 | 7.3 |
| NIGHTLIFE | 7.0 |
| PENNCROSS | 6.7 |
| ARMOR | 6.3 |
| PIRANHA (DC-1) | 6.3 |
| PST-DCV6 | 6.3 |
| CHINOOK (H10G-OP) | 6.0 |
| MUSKET (PPG-AT 104) | 6.0 |
| PST-ORBS | 6.0 |
| SHARK | 6.0 |
| BARRACUDA | 5.7 |
| GREENTIME | 5.7 |
| KINGDOM | 5.7 |
| L-93XD | 5.3 |
| 007 | 4.3 |
| CRYSTAL BLUE LINKS | 4.3 |
| DLFPS-AT/3026 | 3.7 |
| LSD VALUE | 1.4 |
| C.V. (%) | 14.5 |

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

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

TABLE 22B. FALL COLOR (NOVEMBER) RATINGS OF CREEPING BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2015 DATA

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

| NAME | IL1 |
|--------------------|------|
| V-8 | 7.3 |
| NIGHTLIFE | 7.0 |
| PENNCROSS | 6.7 |
| ARMOR | 6.3 |
| PIRANHA (DC-1) | 6.3 |
| PST-DCV6 | 6.3 |
| CHINOOK (H10G-OP) | 6.0 |
| PST-ORBS | 6.0 |
| SHARK | 6.0 |
| BARRACUDA | 5.7 |
| KINGDOM | 5.7 |
| L-93XD | 5.3 |
| 007 | 4.3 |
| CRYSTAL BLUE LINKS | 4.3 |
| LSD VALUE | 1.4 |
| C.V. (%) | 15.1 |

TABLE 22C. FALL COLOR (NOVEMBER) RATINGS OF COLONIAL BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE
2015 DATA

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

| NAME | IL1 |
|---------------------|-----|
| MUSKET (PPG-AT 104) | 6.0 |
| GREENTIME | 5.7 |
| DLFPS-AT/3026 | 3.7 |
| LSD VALUE | 0.8 |
| C.V. (%) | 9.2 |

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 23A. PERCENT ESTABLISHMENT RATINGS OF BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE 2/
2015 DATA

| NAME | IL1 | KY1 | MI1 | MO1 | MEAN |
|---------------------|------|------|------|------|------|
| BARRACUDA | 66.7 | 70.0 | 71.7 | 96.0 | 76.1 |
| CRYSTAL BLUE LINKS | 66.7 | 66.7 | 72.3 | 97.3 | 75.8 |
| 007 | 71.7 | 58.3 | 68.3 | 95.7 | 73.5 |
| V-8 | 66.7 | 58.3 | 73.3 | 95.7 | 73.5 |
| PENNCROSS | 65.0 | 58.3 | 75.0 | 93.0 | 72.8 |
| CHINOOK (H10G-OP) | 60.0 | 56.7 | 76.3 | 95.7 | 72.2 |
| NIGHTLIFE | 66.7 | 60.0 | 56.7 | 97.3 | 70.2 |
| KINGDOM | 53.3 | 55.0 | 75.0 | 96.3 | 69.9 |
| GREENTIME | 63.3 | 58.3 | 51.7 | 91.7 | 66.3 |
| DLFPS-AT/3026 | 60.0 | 50.0 | 58.3 | 95.7 | 66.0 |
| PST-DCV6 | 50.0 | 58.3 | 60.0 | 95.7 | 66.0 |
| PIRANHA (DC-1) | 50.0 | 51.7 | 64.0 | 96.0 | 65.4 |
| ARMOR | 56.7 | 46.7 | 61.7 | 93.3 | 64.6 |
| MUSKET (PPG-AT 104) | 51.7 | 58.3 | 50.0 | 97.7 | 64.4 |
| SHARK | 50.0 | 56.7 | 53.3 | 95.7 | 63.9 |
| L-93XD | 53.3 | 46.7 | 58.3 | 94.3 | 63.2 |
| PST-ORBS | 53.3 | 50.0 | 55.0 | 93.0 | 62.8 |
| LSD VALUE | 22.0 | 11.9 | 17.7 | 4.5 | 7.7 |
| C.V. (%) | 23.2 | 13.1 | 17.3 | 3.0 | 14.0 |

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

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

TABLE 23B. PERCENT ESTABLISHMENT RATINGS OF CREEPING BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE 2/
2015 DATA

| NAME | IL1 | KY1 | MI1 | MO1 | MEAN |
|--------------------|------|------|------|------|------|
| BARRACUDA | 66.7 | 70.0 | 71.7 | 96.0 | 76.1 |
| CRYSTAL BLUE LINKS | 66.7 | 66.7 | 72.3 | 97.3 | 75.8 |
| 007 | 71.7 | 58.3 | 68.3 | 95.7 | 73.5 |
| V-8 | 66.7 | 58.3 | 73.3 | 95.7 | 73.5 |
| PENNCROSS | 65.0 | 58.3 | 75.0 | 93.0 | 72.8 |
| CHINOOK (H10G-OP) | 60.0 | 56.7 | 76.3 | 95.7 | 72.2 |
| NIGHTLIFE | 66.7 | 60.0 | 56.7 | 97.3 | 70.2 |
| KINGDOM | 53.3 | 55.0 | 75.0 | 96.3 | 69.9 |
| PST-DCV6 | 50.0 | 58.3 | 60.0 | 95.7 | 66.0 |
| PIRANHA (DC-1) | 50.0 | 51.7 | 64.0 | 96.0 | 65.4 |
| ARMOR | 56.7 | 46.7 | 61.7 | 93.3 | 64.6 |
| SHARK | 50.0 | 56.7 | 53.3 | 95.7 | 63.9 |
| L-93XD | 53.3 | 46.7 | 58.3 | 94.3 | 63.2 |
| PST-ORBS | 53.3 | 50.0 | 55.0 | 93.0 | 62.8 |
| LSD VALUE | 20.6 | 10.4 | 17.2 | 4.3 | 7.3 |
| C.V. (%) | 21.6 | 11.4 | 16.3 | 2.8 | 13.1 |

TABLE 23C. PERCENT ESTABLISHMENT RATINGS OF COLONIAL BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE 2/
2015 DATA

| NAME | IL1 | KY1 | MI1 | MO1 | MEAN |
|---------------------|------|------|------|------|------|
| GREENTIME | 63.3 | 58.3 | 51.7 | 91.7 | 66.3 |
| DLFPS-AT/3026 | 60.0 | 50.0 | 58.3 | 95.7 | 66.0 |
| MUSKET (PPG-AT 104) | 51.7 | 58.3 | 50.0 | 97.7 | 64.4 |
| LSD VALUE | 27.7 | 17.2 | 19.5 | 5.5 | 9.6 |
| C.V. (%) | 29.6 | 19.2 | 22.8 | 3.6 | 18.2 |

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 24A. DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE AT MANHATTAN, KS 1/
2015 DATA

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

| NAME | JUNE | JULY | AUGUST | MEAN |
|---------------------|------|------|--------|------|
| BARRACUDA | 8.7 | 6.0 | 6.3 | 7.0 |
| CHINOOK (H10G-OP) | 7.7 | 6.3 | 7.0 | 7.0 |
| 007 | 8.0 | 5.3 | 6.0 | 6.4 |
| DLFPS-AT/3026 | 7.3 | 6.0 | 6.0 | 6.4 |
| PIRANHA (DC-1) | 7.7 | 6.3 | 5.0 | 6.3 |
| GREENTIME | 7.3 | 5.0 | 6.0 | 6.1 |
| SHARK | 7.7 | 5.3 | 5.0 | 6.0 |
| NIGHTLIFE | 6.7 | 5.0 | 6.0 | 5.9 |
| PST-DCV6 | 7.0 | 6.0 | 4.7 | 5.9 |
| MUSKET (PPG-AT 104) | 7.0 | 5.3 | 5.0 | 5.8 |
| ARMOR | 7.0 | 5.0 | 4.7 | 5.6 |
| PST-ORBS | 7.7 | 5.0 | 4.0 | 5.6 |
| V-8 | 6.0 | 4.7 | 6.0 | 5.6 |
| CRYSTAL BLUE LINKS | 7.0 | 5.3 | 3.7 | 5.3 |
| L-93XD | 7.3 | 4.7 | 3.7 | 5.2 |
| KINGDOM | 6.3 | 4.7 | 4.3 | 5.1 |
| PENNCROSS | 5.3 | 4.0 | 3.7 | 4.3 |
| LSD VALUE | 4.2 | 4.5 | 7.1 | 4.7 |
| C.V. (%) | 19.9 | 26.2 | 43.3 | 24.9 |

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 24B. DOLLAR SPOT RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE AT MANHATTAN, KS 1/
2015 DATA

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

| NAME | DOLLSPOT | DLSPJUL | DLSPAUG | DLSPMEAN |
|--------------------|----------|---------|---------|----------|
| BARRACUDA | 8.7 | 6.0 | 6.3 | 7.0 |
| CHINOOK (H10G-OP) | 7.7 | 6.3 | 7.0 | 7.0 |
| 007 | 8.0 | 5.3 | 6.0 | 6.4 |
| PIRANHA (DC-1) | 7.7 | 6.3 | 5.0 | 6.3 |
| SHARK | 7.7 | 5.3 | 5.0 | 6.0 |
| NIGHTLIFE | 6.7 | 5.0 | 6.0 | 5.9 |
| PST-DCV6 | 7.0 | 6.0 | 4.7 | 5.9 |
| ARMOR | 7.0 | 5.0 | 4.7 | 5.6 |
| PST-ORBS | 7.7 | 5.0 | 4.0 | 5.6 |
| V-8 | 6.0 | 4.7 | 6.0 | 5.6 |
| CRYSTAL BLUE LINKS | 7.0 | 5.3 | 3.7 | 5.3 |
| L-93XD | 7.3 | 4.7 | 3.7 | 5.2 |
| KINGDOM | 6.3 | 4.7 | 4.3 | 5.1 |
| PENNCROSS | 5.3 | 4.0 | 3.7 | 4.3 |
| LSD VALUE | 4.2 | 4.4 | 5.7 | 4.4 |
| C.V. (%) | 21.1 | 27.8 | 40.3 | 25.3 |

TABLE 24C. DOLLAR SPOT RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE AT MANHATTAN, KS 1/
2015 DATA

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

| NAME | DOLLSPOT | DLSPJUL | DLSPAUG | DLSPMEAN |
|---------------------|----------|---------|---------|----------|
| DLFPS-AT/3026 | 7.3 | 6.0 | 6.0 | 6.4 |
| GREENTIME | 7.3 | 5.0 | 6.0 | 6.1 |
| MUSKET (PPG-AT 104) | 7.0 | 5.3 | 5.0 | 5.8 |
| LSD VALUE | 2.4 | 1.5 | 6.9 | 3.2 |
| C.V. (%) | 14.6 | 12.2 | 52.4 | 22.8 |

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.

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE
2015 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

| NAME | QUALITY MEAN 1/ | MAXIMUM IN TOP 25% 2/ |
|---------------------|--------------------|--------------------------|
| 007 | 6.0 | 58.3 |
| ARMOR | 5.5 | 33.3 |
| BARRACUDA | 6.0 | 41.7 |
| CHINOOK (H10G-OP) | 6.1 | 50.0 |
| CRYSTAL BLUE LINKS | 5.8 | 8.3 |
| DLFPS-AT/3026 | 5.6 | 8.3 |
| GREENTIME | 5.1 | 8.3 |
| KINGDOM | 5.9 | 16.7 |
| L-93XD | 6.0 | 25.0 |
| MUSKET (PPG-AT 104) | 5.5 | 0.0 |
| NIGHTLIFE | 5.8 | 25.0 |
| PENNCROSS | 4.9 | 0.0 |
| PIRANHA (DC-1) | 6.3 | 58.3 |
| PST-DCV6 | 5.6 | 16.7 |
| PST-ORBS | 5.7 | 8.3 |
| SHARK | 5.9 | 33.3 |
| V-8 | 5.9 | 8.3 |
| LSD VALUE | 0.2 | |
| C.V. (%) | 7.8 | |

*/ 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.