

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 1999-2002 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>.

2003 NATIONAL BENTGRASS TEST
(Fairway/Tee)

LOCATIONS SUBMITTING DATA FOR 2007

| <u>State</u> | <u>Location</u> | <u>Code</u> |
|---------------|----------------------------------|-------------|
| Illinois | Urbana | IL1 |
| Illinois | Lemont | IL3 |
| Indiana | West Lafayette | IN1 |
| Iowa | Ames | IA1 |
| Kansas | Manhattan | KS1 |
| Kentucky | Lexington | KY1 |
| Maryland | College Park | MD1 |
| Massachusetts | Amherst | MA1 |
| Michigan | East Lansing | MI1 |
| Minnesota | St. Paul | MN1 |
| Nebraska | Mead | NE1 |
| New Jersey | North Brunswick | NJ1 |
| New York | Ithaca | NY1 |
| New York | Farmingdale (Reduced Fungicides) | NY2 |
| North Dakota | Fargo | ND1 |
| Oklahoma | Stillwater | OK1 |
| Pennsylvania | University Park | PA1 |
| Quebec | Quebec City | QE1 |
| Virginia | Blacksburg | VA1 |
| Washington | Pullman | WA1 |
| Washington | Puyallup (Low Maintenance) | WA3 |
| Wisconsin | Madison (Traffic Study) | WI1 |

2003 NATIONAL BENTGRASS TEST
(Fairway/Tee)

Entries and Sponsors

| Entry No. | Name | Species | Sponsor |
|-----------|-----------------------------|----------|--------------------------------------|
| * 1 | LS-44 | creeping | Links Seed, LLC |
| * 2 | L-93 | creeping | Standard Entry |
| * 3 | Bardot | colonial | Standard Entry |
| * 4 | Penncross | creeping | Standard Entry |
| 5 | EWTR | colonial | Landmark Seed Co. |
| * 6 | Alpha | creeping | Jacklin Seed by Simplot |
| * 7 | T-1 | creeping | Jacklin Seed by Simplot |
| * 8 | Princeville | creeping | LESCO, Inc. |
| 9 | 13-M | creeping | Pennington Seed |
| *10 | Declaration | creeping | Lebanon Turf Products |
| *11 | Independence | creeping | Lebanon Turf Products |
| *12 | Tiger II | colonial | Standard Entry |
| *13 | Authority (235050) | creeping | LESCO, Inc. |
| *14 | Bengal | creeping | Barenbrug USA |
| *15 | Kingpin (9200) | creeping | ProSeeds Marketing |
| *16 | Greentime (IS-AT 7) | colonial | DLF International Seeds |
| *17 | Runner (IS-AP 14) | creeping | DLF International Seeds |
| *18 | Shark (23R) | creeping | Mountain View Seeds, Ltd. |
| *19 | SR 7150 | colonial | Seed Research of Oregon |
| *20 | MacKenzie (SRX 1GPD) | creeping | Seed Research of Oregon/ Pickseed |
| *21 | SR 1119 | creeping | Seed Research of Oregon |
| *22 | SR 1150 (SRX 1PDH) | creeping | Seed Research of Oregon |
| *23 | Pennlinks II | creeping | Tee-2-Green Corp. |
| *24 | Penneagle II | creeping | Tee-2-Green Corp. |
| *25 | Crystal BlueLinks (PST-OEB) | creeping | Tee-2-Green Corp. |
| 26 | PST-9NBC | colonial | Pure-Seed Testing, Inc. |
| 27 | PST-9VN | colonial | Pure-Seed Testing, Inc. |
| *28 | Seaside | creeping | Standard Entry |

* COMMERCIALY AVAILABLE IN THE USA IN 2008.

TABLE A.

2007 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN
THE 2003 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 |
|----------|---------------------|---------|-----------------------------|---------------------------|---------------------------|--------------|--------------------|----------------------|
| IA1 | SANDY CLAY LOAM | 7.1-7.5 | 0-60 | 241-375 | 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 |
| IL3 | SILTY CLAY LOAM | 7.6-8.5 | 0-60 | 151-240 | 1.1-2.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| IN1 | SILT LOAM AND SILT | 6.6-7.0 | 151-270 | 241-375 | 2.1-3.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| KS1 | - | - | - | - | - | - | - | - |
| KY1 | SILT LOAM AND SILT | 6.1-6.5 | 61-150 | 241-375 | 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 | 5.6-6.0 | 61-150 | 0-150 | 4.1-5.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| MI1 | SANDY LOAM | 7.1-7.5 | 61-150 | 151-240 | 4.1-5.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| MN1 | SILTY CLAY LOAM | 7.1-7.5 | 61-150 | 151-240 | 3.1-4.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| ND1 | SILTY CLAY AND CLAY | 7.6-8.5 | 0-60 | 0-150 | 1.1-2.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| NE1 | SILTY CLAY AND CLAY | 7.1-7.5 | 61-150 | 241-375 | 1.1-2.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| NJ1 | SANDY LOAM | 5.6-6.0 | 151-270 | 0-150 | 1.1-2.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| NY1 | SANDY LOAM | 6.1-6.5 | 151-270 | 241-375 | 3.1-4.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| NY2 | LOAMY SAND | 7.1-7.5 | 61-150 | 0-150 | 2.1-3.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| OK1 | LOAM | 7.1-7.5 | 151-270 | 501+ | 2.1-3.0 | LIGHT SHADE | 0.0-0.5 | TO PREVENT STRESS |
| PA1 | SILT LOAM AND SILT | 6.6-7.0 | 151-270 | 0-150 | 3.1-4.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| QE1 | - | - | - | - | - | - | - | - |
| 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 |
| WA1 | SILT LOAM AND SILT | 5.6-6.0 | 271-450 | 501+ | 2.1-3.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| WA3 | SANDY LOAM | 4.6-5.5 | 61-150 | 241-375 | 2.1-3.0 | FULL SUN | 0.0-0.5 | TO PREVENT DORMANCY |
| WI1 | SILT LOAM AND SILT | 6.6-7.0 | 61-150 | 241-375 | 1.1-2.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |

TABLE B.

LOCATIONS AND DATA COLLECTED IN 2007

| 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 |
|----------|------------------------------|-------------------------------|----------------------------|----------------------------|--------------------------|---------------------------|---------------------------|-----------------------------|--------------------------------|------------------------------|-------------------------------|-------------------------------|------------------|-------------------|-----------------|
| IA1 | | | | X | X | X | X | X | X | X | | | X | X | X |
| IL1 | | | | X | X | X | X | X | X | X | | | X | X | |
| IL3 | | | | X | X | X | X | X | X | X | X | | | X | |
| IN1 | | | | X | X | X | X | X | X | X | | | X | X | |
| KS1 | | | | | X | X | X | X | | | | | | | |
| KY1 | | | X | X | X | X | X | X | X | X | | | | X | |
| MA1 | | | | X | X | X | X | X | X | X | | | X | X | |
| MD1 | | | | X | X | X | X | X | X | X | | | | | |
| MI1 | | | | X | X | X | X | X | X | X | X | | X | X | X |
| MN1 | | | | | X | X | X | X | X | X | | | X | X | |
| ND1 | | | | | X | X | X | X | X | X | | | | X | |
| NE1 | | | | | | X | X | X | X | X | | | X | | |
| NJ1 | | | | X | X | X | X | X | X | X | X | | X | X | |
| NY1 | | | | X | X | X | X | X | X | X | X | | | X | |
| NY2 | | | | X | X | X | X | X | X | X | X | | | X | |
| OK1 | | | | | X | X | X | X | X | X | X | X | X | | |
| PA1 | | | | | X | X | X | X | X | X | | | X | X | |
| QE1 | | | | | X | X | X | X | X | X | | | X | X | X |
| VA1 | | | | | X | X | X | X | X | X | | | X | | |
| WA1 | | | | X | X | X | X | X | X | X | | | X | | |
| WA3 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | |
| WI1 | | | | | X | X | X | X | X | X | | | | | |

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2007

| LOCATION | SPRING DENSITY | SUMMER DENSITY | FALL DENSITY | PERCENT COVER SPRING | PERCENT COVER SUMMER | PERCENT COVER FALL | WINTER COLOR | DROUGHT TOLERANCE WILTING | DOLLAR SPOT | BROWN PATCH WARM TEMP. | ANTHRACNOSE RATINGS | PINK SNOW MOLD |
|----------|-------------------|-------------------|-----------------|----------------------------|----------------------------|--------------------------|-----------------|---------------------------------|----------------|------------------------------|------------------------|----------------------|
| IA1 | | | | | | | | | | | | |
| IL1 | | X | | | | | | | | | | |
| IL3 | | | | | | | X | | | | | |
| IN1 | | | | | | | | | X | | | |
| KS1 | | | | | | | | | X | | | |
| KY1 | | | | | | | | | | | | |
| MA1 | | X | | | | X | | | X | X | X | |
| MD1 | | | | | | | | | X | | | |
| MI1 | X | | X | X | | X | | | X | | | |
| MN1 | | X | | | | | | | X | | | |
| ND1 | X | X | X | X | X | X | | | | | | |
| NE1 | | X | X | | | | | | | | | |
| NJ1 | | | X | | | | | | X | X | | |
| NY1 | | | | | | | | | | | | |
| NY2 | | | | | | | | | | | | |
| OK1 | | X | | X | X | | X | | | | | |
| PA1 | | X | | | | | | | | | | |
| QE1 | X | X | X | | | | | | | | | |
| VA1 | | | | | | | | X | X | | | |
| WA1 | | X | | | | | | | | | | X |
| WA3 | | X | | | | | | | | | | |
| WI1 | | | | X | X | X | | | | | | |

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2007

| LOCATION | FALL COLOR NOVEMBER | POA ANNUA | MOWING QUALITY | PERCENT TYPHULA BLIGHT | PERCENT MAY | DOLLAR JUNE | SPOT JULY |
|----------|---------------------------|--------------|-------------------|------------------------------|----------------|----------------|--------------|
| IA1 | | | | | | | |
| IL1 | | | | | | | |
| IL3 | | | | | X | X | X |
| IN1 | | X | | | | | |
| KS1 | | | | | | | |
| KY1 | | | | | | | |
| MA1 | | | | X | | | |
| MD1 | | | X | | | | |
| MI1 | | | | | | | |
| MN1 | | | | | | | |
| ND1 | X | | | | | | |
| NE1 | | | | | | | |
| NJ1 | | | | | | | |
| NY1 | | | | | | | |
| NY2 | | | | | | | |
| OK1 | | | | | | | |
| PA1 | | | | | | | |
| QE1 | | | | | | | |
| VA1 | | | | | | | |
| WA1 | | | | | | | |
| WA3 | | X | | | | | |
| WI1 | | | | | | | |

TABLE 1A. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON
A FAIRWAY OR TEE AT FIVE LOCATIONS 1/
IN THE NORTHEAST REGION
2007 DATA

| TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/ | | | | | | |
|--|-----|------|-----|------|-----|------|
| NAME | MA1 | NJ1 | NY1 | PA1 | QE1 | MEAN |
| * T-1 | 5.0 | 6.3 | 7.0 | 7.6 | 4.5 | 6.1 |
| 13-M | 5.1 | 7.0 | 6.2 | 7.6 | 4.3 | 6.0 |
| * LS-44 | 5.3 | 5.9 | 7.0 | 7.4 | 4.2 | 6.0 |
| * CRYSTAL BLUELINKS (PST-OEB) | 5.0 | 5.5 | 6.8 | 7.4 | 4.4 | 5.9 |
| * DECLARATION | 4.3 | 6.9 | 6.0 | 8.1 | 3.8 | 5.8 |
| * KINGPIN (9200) | 4.8 | 6.3 | 6.6 | 7.0 | 4.1 | 5.8 |
| * SHARK (23R) | 4.6 | 6.0 | 6.9 | 7.2 | 4.1 | 5.8 |
| * SR 1150 (SRX 1PDH) | 4.8 | 5.6 | 6.7 | 7.4 | 4.2 | 5.7 |
| * PENNEAGLE II | 4.9 | 5.2 | 6.5 | 7.7 | 4.2 | 5.7 |
| * AUTHORITY (235050) | 4.6 | 5.7 | 6.3 | 7.7 | 4.1 | 5.7 |
| * MACKENZIE (SRX 1GPD) | 4.7 | 6.1 | 6.5 | 6.4 | 4.1 | 5.6 |
| * L-93 | 4.9 | 5.1 | 6.6 | 6.4 | 4.6 | 5.5 |
| * ALPHA | 4.9 | 4.9 | 6.3 | 7.0 | 4.3 | 5.5 |
| * RUNNER (IS-AP 14) | 4.5 | 5.2 | 6.5 | 6.6 | 4.2 | 5.4 |
| * INDEPENDENCE | 4.7 | 4.9 | 6.5 | 6.8 | 4.2 | 5.4 |
| * SR 1119 | 5.0 | 4.5 | 6.3 | 6.1 | 4.3 | 5.2 |
| * PENNLINKS II | 4.7 | 4.4 | 7.0 | 5.3 | 4.6 | 5.2 |
| * BENGAL | 4.5 | 4.6 | 6.5 | 6.1 | 4.3 | 5.2 |
| PST-9NBC | 5.3 | 5.7 | 6.5 | 3.1 | 5.3 | 5.2 |
| EWTR | 5.2 | 4.5 | 7.1 | 3.6 | 5.3 | 5.1 |
| * BARDOT | 5.4 | 4.8 | 6.7 | 2.9 | 5.5 | 5.1 |
| * PRINCEVILLE | 5.0 | 4.4 | 6.6 | 4.7 | 4.4 | 5.0 |
| * GREENTIME (IS-AT 7) | 5.3 | 4.8 | 6.7 | 3.2 | 4.8 | 5.0 |
| * TIGER II | 5.3 | 5.1 | 6.2 | 3.1 | 4.6 | 4.9 |
| PST-9VN | 4.9 | 5.2 | 7.0 | 2.2 | 5.0 | 4.9 |
| * PENNCROSS | 4.8 | 3.3 | 6.5 | 4.7 | 4.6 | 4.8 |
| * SR 7150 | 4.9 | 3.8 | 6.4 | 1.8 | 5.1 | 4.4 |
| * SEASIDE | 4.3 | 1.3 | 6.5 | 1.5 | 4.6 | 3.6 |
| LSD VALUE | 0.5 | 1.0 | 0.5 | 0.9 | 0.5 | 0.3 |
| C.V. (%) | 6.5 | 12.4 | 4.6 | 10.3 | 6.4 | 8.4 |

* COMMERCIALY AVAILABLE IN THE USA IN 2008.

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 1B. MEAN TURFGRASS QUALITY RATINGS OF CREEPING BENTGRASS CULTIVARS GROWN ON
A FAIRWAY OR TEE AT FIVE LOCATIONS 1/
IN THE NORTHEAST REGION
2007 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

| NAME | MA1 | NJ1 | NY1 | PA1 | QE1 | MEAN |
|-----------------------------|-----|------|-----|-----|-----|------|
| T-1 | 5.0 | 6.3 | 7.0 | 7.6 | 4.5 | 6.1 |
| 13-M | 5.1 | 7.0 | 6.2 | 7.6 | 4.3 | 6.0 |
| LS-44 | 5.3 | 5.9 | 7.0 | 7.4 | 4.2 | 6.0 |
| CRYSTAL BLUELINKS (PST-OEB) | 5.0 | 5.5 | 6.8 | 7.4 | 4.4 | 5.9 |
| DECLARATION | 4.3 | 6.9 | 6.0 | 8.1 | 3.8 | 5.8 |
| KINGPIN (9200) | 4.8 | 6.3 | 6.6 | 7.0 | 4.1 | 5.8 |
| SHARK (23R) | 4.6 | 6.0 | 6.9 | 7.2 | 4.1 | 5.8 |
| SR 1150 (SRX 1PDH) | 4.8 | 5.6 | 6.7 | 7.4 | 4.2 | 5.7 |
| PENNEAGLE II | 4.9 | 5.2 | 6.5 | 7.7 | 4.2 | 5.7 |
| AUTHORITY (235050) | 4.6 | 5.7 | 6.3 | 7.7 | 4.1 | 5.7 |
| MACKENZIE (SRX 1GPD) | 4.7 | 6.1 | 6.5 | 6.4 | 4.1 | 5.6 |
| L-93 | 4.9 | 5.1 | 6.6 | 6.4 | 4.6 | 5.5 |
| ALPHA | 4.9 | 4.9 | 6.3 | 7.0 | 4.3 | 5.5 |
| RUNNER (IS-AP 14) | 4.5 | 5.2 | 6.5 | 6.6 | 4.2 | 5.4 |
| INDEPENDENCE | 4.7 | 4.9 | 6.5 | 6.8 | 4.2 | 5.4 |
| SR 1119 | 5.0 | 4.5 | 6.3 | 6.1 | 4.3 | 5.2 |
| PENNLINKS II | 4.7 | 4.4 | 7.0 | 5.3 | 4.6 | 5.2 |
| BENGAL | 4.5 | 4.6 | 6.5 | 6.1 | 4.3 | 5.2 |
| PRINCEVILLE | 5.0 | 4.4 | 6.6 | 4.7 | 4.4 | 5.0 |
| PENNCROSS | 4.8 | 3.3 | 6.5 | 4.7 | 4.6 | 4.8 |
| SEASIDE | 4.3 | 1.3 | 6.5 | 1.5 | 4.6 | 3.6 |
| LSD VALUE | 0.5 | 1.1 | 0.5 | 0.6 | 0.4 | 0.3 |
| C.V. (%) | 7.1 | 12.6 | 4.3 | 5.6 | 5.9 | 7.4 |

TABLE 1C. MEAN TURFGRASS QUALITY RATINGS OF COLONIAL BENTGRASS CULTIVARS GROWN ON
A FAIRWAY OR TEE AT FIVE LOCATIONS 1/
IN THE NORTHEAST REGION
2007 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

| NAME | MA1 | NJ1 | NY1 | PA1 | QE1 | MEAN |
|---------------------|-----|------|-----|------|-----|------|
| PST-9NBC | 5.3 | 5.7 | 6.5 | 3.1 | 5.3 | 5.2 |
| EWTR | 5.2 | 4.5 | 7.1 | 3.6 | 5.3 | 5.1 |
| BARDOT | 5.4 | 4.8 | 6.7 | 2.9 | 5.5 | 5.1 |
| GREENTIME (IS-AT 7) | 5.3 | 4.8 | 6.7 | 3.2 | 4.8 | 5.0 |
| TIGER II | 5.3 | 5.1 | 6.2 | 3.1 | 4.6 | 4.9 |
| PST-9VN | 4.9 | 5.2 | 7.0 | 2.2 | 5.0 | 4.9 |
| SR 7150 | 4.9 | 3.8 | 6.4 | 1.8 | 5.1 | 4.4 |
| LSD VALUE | 0.4 | 0.9 | 0.6 | 1.6 | 0.6 | 0.4 |
| C.V. (%) | 4.7 | 11.7 | 5.3 | 33.9 | 7.3 | 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 2A. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON
A FAIRWAY OR TEE AT FIVE LOCATIONS 1/
IN THE TRANSITION REGION
2007 DATA

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

| NAME | KS1 | KY1 | MD1 | OK1 | VA1 | MEAN |
|-----------------------------|-----|------|-----|-----|------|------|
| 13-M | 5.6 | 6.3 | 7.2 | 5.6 | 5.7 | 6.1 |
| CRYSTAL BLUELINKS (PST-OEB) | 6.1 | 5.8 | 6.7 | 6.0 | 5.5 | 6.0 |
| T-1 | 5.2 | 5.7 | 7.9 | 5.1 | 6.2 | 6.0 |
| DECLARATION | 6.0 | 5.2 | 7.5 | 5.7 | 5.6 | 6.0 |
| L-93 | 5.4 | 5.9 | 7.0 | 6.1 | 5.6 | 6.0 |
| SHARK (23R) | 5.7 | 5.5 | 7.1 | 5.8 | 5.7 | 6.0 |
| PRINCEVILLE | 5.6 | 5.9 | 6.9 | 5.6 | 5.8 | 5.9 |
| LS-44 | 5.9 | 5.9 | 7.0 | 6.0 | 4.8 | 5.9 |
| SR 1150 (SRX 1PDH) | 5.8 | 5.7 | 6.7 | 5.5 | 5.9 | 5.9 |
| KINGPIN (9200) | 5.4 | 6.0 | 6.7 | 6.2 | 5.3 | 5.9 |
| AUTHORITY (235050) | 5.7 | 5.2 | 7.0 | 5.3 | 6.1 | 5.8 |
| PENNLINKS II | 5.3 | 6.0 | 6.8 | 5.4 | 5.6 | 5.8 |
| ALPHA | 5.3 | 4.8 | 7.3 | 6.2 | 5.6 | 5.8 |
| PENNEAGLE II | 5.5 | 5.2 | 6.7 | 5.9 | 5.3 | 5.7 |
| SR 1119 | 5.6 | 5.2 | 7.2 | 5.6 | 4.9 | 5.7 |
| MACKENZIE (SRX 1GPD) | 5.8 | 5.4 | 6.7 | 5.5 | 4.7 | 5.6 |
| RUNNER (IS-AP 14) | 5.6 | 5.3 | 6.6 | 5.5 | 5.1 | 5.6 |
| PENNCROSS | 5.8 | 5.6 | 6.3 | 5.1 | 5.1 | 5.6 |
| BENGAL | 5.0 | 4.8 | 6.8 | 5.5 | 5.5 | 5.5 |
| INDEPENDENCE | 5.5 | 5.1 | 6.6 | 5.6 | 4.6 | 5.5 |
| GREENTIME (IS-AT 7) | 5.0 | 5.8 | 5.0 | 4.7 | 6.7 | 5.5 |
| PST-9NBC | 4.5 | 6.0 | 5.1 | 5.2 | 6.2 | 5.4 |
| TIGER II | 4.9 | 5.3 | 4.5 | 4.8 | 6.1 | 5.1 |
| SR 7150 | 4.4 | 4.9 | 4.4 | 5.6 | 6.1 | 5.1 |
| BARDOT | 4.8 | 5.1 | 4.7 | 5.3 | 5.6 | 5.1 |
| EWTR | 5.1 | 5.0 | 4.7 | 5.3 | 5.3 | 5.1 |
| PST-9VN | 4.8 | 4.6 | 4.1 | 5.1 | 6.3 | 5.0 |
| SEASIDE | 4.8 | 4.8 | 3.2 | 4.5 | 5.7 | 4.6 |
| LSD VALUE | 0.7 | 1.2 | 0.6 | 0.7 | 1.2 | 0.4 |
| C.V. (%) | 8.0 | 13.3 | 5.9 | 8.4 | 13.2 | 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 2B. MEAN TURFGRASS QUALITY RATINGS OF CREEPING BENTGRASS CULTIVARS GROWN ON A FAIRWAY OR TEE AT FIVE LOCATIONS 1/
IN THE TRANSITION REGION
2007 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

| NAME | KS1 | KY1 | MD1 | OK1 | VA1 | MEAN |
|-----------------------------|-----|------|-----|-----|------|------|
| 13-M | 5.6 | 6.3 | 7.2 | 5.6 | 5.7 | 6.1 |
| CRYSTAL BLUELINKS (PST-OEB) | 6.1 | 5.8 | 6.7 | 6.0 | 5.5 | 6.0 |
| T-1 | 5.2 | 5.7 | 7.9 | 5.1 | 6.2 | 6.0 |
| DECLARATION | 6.0 | 5.2 | 7.5 | 5.7 | 5.6 | 6.0 |
| L-93 | 5.4 | 5.9 | 7.0 | 6.1 | 5.6 | 6.0 |
| SHARK (23R) | 5.7 | 5.5 | 7.1 | 5.8 | 5.7 | 6.0 |
| PRINCEVILLE | 5.6 | 5.9 | 6.9 | 5.6 | 5.8 | 5.9 |
| LS-44 | 5.9 | 5.9 | 7.0 | 6.0 | 4.8 | 5.9 |
| SR 1150 (SRX 1PDH) | 5.8 | 5.7 | 6.7 | 5.5 | 5.9 | 5.9 |
| KINGPIN (9200) | 5.4 | 6.0 | 6.7 | 6.2 | 5.3 | 5.9 |
| AUTHORITY (235050) | 5.7 | 5.2 | 7.0 | 5.3 | 6.1 | 5.8 |
| PENNLINKS II | 5.3 | 6.0 | 6.8 | 5.4 | 5.6 | 5.8 |
| ALPHA | 5.3 | 4.8 | 7.3 | 6.2 | 5.6 | 5.8 |
| PENNEAGLE II | 5.5 | 5.2 | 6.7 | 5.9 | 5.3 | 5.7 |
| SR 1119 | 5.6 | 5.2 | 7.2 | 5.6 | 4.9 | 5.7 |
| MACKENZIE (SRX 1GPD) | 5.8 | 5.4 | 6.7 | 5.5 | 4.7 | 5.6 |
| RUNNER (IS-AP 14) | 5.6 | 5.3 | 6.6 | 5.5 | 5.1 | 5.6 |
| PENNCROSS | 5.8 | 5.6 | 6.3 | 5.1 | 5.1 | 5.6 |
| BENGAL | 5.0 | 4.8 | 6.8 | 5.5 | 5.5 | 5.5 |
| INDEPENDENCE | 5.5 | 5.1 | 6.6 | 5.6 | 4.6 | 5.5 |
| SEASIDE | 4.8 | 4.8 | 3.2 | 4.5 | 5.7 | 4.6 |
| LSD VALUE | 0.7 | 1.2 | 0.6 | 0.6 | 1.0 | 0.4 |
| C.V. (%) | 7.3 | 14.1 | 5.3 | 7.0 | 11.9 | 9.4 |

TABLE 2C. MEAN TURFGRASS QUALITY RATINGS OF COLONIAL BENTGRASS CULTIVARS GROWN ON A FAIRWAY OR TEE AT FIVE LOCATIONS 1/
IN THE TRANSITION REGION
2007 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

| NAME | KS1 | KY1 | MD1 | OK1 | VA1 | MEAN |
|---------------------|------|------|-----|------|------|------|
| GREENTIME (IS-AT 7) | 5.0 | 5.8 | 5.0 | 4.7 | 6.7 | 5.5 |
| PST-9NBC | 4.5 | 6.0 | 5.1 | 5.2 | 6.2 | 5.4 |
| TIGER II | 4.9 | 5.3 | 4.5 | 4.8 | 6.1 | 5.1 |
| SR 7150 | 4.4 | 4.9 | 4.4 | 5.6 | 6.1 | 5.1 |
| BARDOT | 4.8 | 5.1 | 4.7 | 5.3 | 5.6 | 5.1 |
| EWTR | 5.1 | 5.0 | 4.7 | 5.3 | 5.3 | 5.1 |
| PST-9VN | 4.8 | 4.6 | 4.1 | 5.1 | 6.3 | 5.0 |
| LSD VALUE | 0.8 | 0.8 | 0.6 | 1.0 | 1.5 | 0.4 |
| C.V. (%) | 10.1 | 10.1 | 8.2 | 12.1 | 15.8 | 12.1 |

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 3A. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON
A FAIRWAY OR TEE AT EIGHT LOCATIONS 1/
IN THE NORTH CENTRAL REGION
2007 DATA

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

| NAME | IA1 | IL1 | IL3 | IN1 | MI1 | MN1 | ND1 | NE1 | MEAN |
|-----------------------------|-----|-----|-----|-----|-----|------|-----|-----|------|
| 13-M | 6.9 | 6.9 | 7.4 | 7.1 | 6.4 | 6.3 | 4.9 | 7.7 | 6.7 |
| PENNEAGLE II | 7.5 | 6.8 | 6.5 | 7.0 | 6.0 | 6.3 | 4.8 | 7.3 | 6.5 |
| MACKENZIE (SRX 1GPD) | 6.9 | 6.4 | 7.5 | 6.3 | 6.5 | 6.1 | 4.7 | 7.7 | 6.5 |
| CRYSTAL BLUELINKS (PST-OEB) | 7.4 | 6.6 | 6.9 | 6.4 | 6.5 | 5.9 | 5.0 | 7.1 | 6.5 |
| DECLARATION | 6.1 | 6.8 | 7.6 | 7.3 | 7.2 | 5.4 | 4.5 | 6.7 | 6.5 |
| SHARK (23R) | 7.1 | 6.2 | 6.6 | 7.1 | 6.9 | 5.6 | 4.4 | 7.4 | 6.4 |
| KINGPIN (9200) | 6.8 | 6.5 | 7.4 | 6.0 | 6.5 | 6.0 | 4.5 | 7.5 | 6.4 |
| AUTHORITY (235050) | 7.1 | 6.5 | 7.0 | 6.3 | 6.6 | 5.6 | 4.9 | 7.1 | 6.4 |
| T-1 | 7.1 | 6.8 | 5.4 | 7.3 | 6.1 | 5.7 | 4.7 | 7.9 | 6.4 |
| L-93 | 7.2 | 6.4 | 6.1 | 6.6 | 6.0 | 5.4 | 4.8 | 8.1 | 6.3 |
| LS-44 | 6.5 | 7.0 | 6.5 | 6.2 | 5.8 | 5.3 | 5.0 | 7.3 | 6.2 |
| RUNNER (IS-AP 14) | 6.9 | 6.9 | 6.5 | 6.5 | 6.3 | 5.4 | 4.7 | 6.1 | 6.2 |
| BENGAL | 6.9 | 6.5 | 6.1 | 6.2 | 5.8 | 5.3 | 4.8 | 7.5 | 6.1 |
| SR 1150 (SRX 1PDH) | 6.4 | 6.2 | 6.0 | 6.4 | 6.3 | 5.3 | 5.1 | 7.0 | 6.1 |
| INDEPENDENCE | 6.8 | 6.6 | 5.5 | 7.4 | 6.0 | 4.7 | 4.7 | 6.9 | 6.1 |
| ALPHA | 6.8 | 6.9 | 5.5 | 6.7 | 5.6 | 5.3 | 4.4 | 7.3 | 6.1 |
| SR 1119 | 6.8 | 6.4 | 5.8 | 5.8 | 5.2 | 5.8 | 4.8 | 7.4 | 6.0 |
| PENNLINKS II | 6.8 | 5.1 | 6.3 | 5.0 | 4.8 | 5.9 | 4.9 | 7.2 | 5.7 |
| PRINCEVILLE | 6.8 | 6.2 | 5.2 | 5.1 | 4.2 | 4.6 | 5.4 | 7.0 | 5.6 |
| PENNCROSS | 6.9 | 5.2 | 4.5 | 6.0 | 3.7 | 5.9 | 4.7 | 7.7 | 5.6 |
| GREENTIME (IS-AT 7) | 6.4 | 4.3 | . | 3.7 | 4.7 | 4.9 | 4.7 | 7.4 | 5.2 |
| PST-9NBC | 6.4 | 4.0 | . | 3.6 | 3.8 | 5.5 | 4.7 | 7.4 | 5.1 |
| BARDOT | 6.4 | 3.7 | . | 4.3 | 3.6 | 4.6 | 5.0 | 6.9 | 4.9 |
| PST-9VN | 6.2 | 3.7 | . | 3.7 | 3.7 | 4.7 | 5.0 | 6.9 | 4.8 |
| SR 7150 | 6.5 | 3.6 | . | 3.5 | 3.5 | 4.5 | 4.7 | 7.4 | 4.8 |
| EWTR | 6.8 | 3.9 | . | 3.0 | 3.6 | 5.1 | 4.7 | 6.4 | 4.8 |
| TIGER II | 6.5 | 4.1 | . | 3.8 | 3.6 | 4.6 | 4.5 | 6.2 | 4.8 |
| SEASIDE | 5.8 | 3.5 | 4.1 | 3.2 | 2.8 | 2.3 | 5.3 | 7.1 | 4.2 |
| LSD VALUE | 0.8 | 0.8 | 1.0 | 0.8 | 0.8 | 1.0 | 0.7 | 1.1 | 0.3 |
| C.V. (%) | 7.2 | 9.2 | 9.9 | 8.5 | 9.5 | 11.6 | 8.4 | 9.8 | 9.3 |

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 3B. MEAN TURFGRASS QUALITY RATINGS OF CREEPING BENTGRASS CULTIVARS GROWN ON
A FAIRWAY OR TEE AT EIGHT LOCATIONS 1/
IN THE NORTH CENTRAL REGION
2007 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

| NAME | IA1 | IL1 | IL3 | IN1 | MI1 | MN1 | ND1 | NE1 | MEAN |
|-----------------------------|-----|-----|-----|-----|-----|------|-----|-----|------|
| 13-M | 6.9 | 6.9 | 7.4 | 7.1 | 6.4 | 6.3 | 4.9 | 7.7 | 6.7 |
| PENNEAGLE II | 7.5 | 6.8 | 6.5 | 7.0 | 6.0 | 6.3 | 4.8 | 7.3 | 6.5 |
| MACKENZIE (SRX 1GPD) | 6.9 | 6.4 | 7.5 | 6.3 | 6.5 | 6.1 | 4.7 | 7.7 | 6.5 |
| CRYSTAL BLUELINKS (PST-OEB) | 7.4 | 6.6 | 6.9 | 6.4 | 6.5 | 5.9 | 5.0 | 7.1 | 6.5 |
| DECLARATION | 6.1 | 6.8 | 7.6 | 7.3 | 7.2 | 5.4 | 4.5 | 6.7 | 6.5 |
| SHARK (23R) | 7.1 | 6.2 | 6.6 | 7.1 | 6.9 | 5.6 | 4.4 | 7.4 | 6.4 |
| KINGPIN (9200) | 6.8 | 6.5 | 7.4 | 6.0 | 6.5 | 6.0 | 4.5 | 7.5 | 6.4 |
| AUTHORITY (235050) | 7.1 | 6.5 | 7.0 | 6.3 | 6.6 | 5.6 | 4.9 | 7.1 | 6.4 |
| T-1 | 7.1 | 6.8 | 5.4 | 7.3 | 6.1 | 5.7 | 4.7 | 7.9 | 6.4 |
| L-93 | 7.2 | 6.4 | 6.1 | 6.6 | 6.0 | 5.4 | 4.8 | 8.1 | 6.3 |
| LS-44 | 6.5 | 7.0 | 6.5 | 6.2 | 5.8 | 5.3 | 5.0 | 7.3 | 6.2 |
| RUNNER (IS-AP 14) | 6.9 | 6.9 | 6.5 | 6.5 | 6.3 | 5.4 | 4.7 | 6.1 | 6.2 |
| BENGAL | 6.9 | 6.5 | 6.1 | 6.2 | 5.8 | 5.3 | 4.8 | 7.5 | 6.1 |
| SR 1150 (SRX 1PDH) | 6.4 | 6.2 | 6.0 | 6.4 | 6.3 | 5.3 | 5.1 | 7.0 | 6.1 |
| INDEPENDENCE | 6.8 | 6.6 | 5.5 | 7.4 | 6.0 | 4.7 | 4.7 | 6.9 | 6.1 |
| ALPHA | 6.8 | 6.9 | 5.5 | 6.7 | 5.6 | 5.3 | 4.4 | 7.3 | 6.1 |
| SR 1119 | 6.8 | 6.4 | 5.8 | 5.8 | 5.2 | 5.8 | 4.8 | 7.4 | 6.0 |
| PENNLINKS II | 6.8 | 5.1 | 6.3 | 5.0 | 4.8 | 5.9 | 4.9 | 7.2 | 5.7 |
| PRINCEVILLE | 6.8 | 6.2 | 5.2 | 5.1 | 4.2 | 4.6 | 5.4 | 7.0 | 5.6 |
| PENNCROSS | 6.9 | 5.2 | 4.5 | 6.0 | 3.7 | 5.9 | 4.7 | 7.7 | 5.6 |
| SEASIDE | 5.8 | 3.5 | 4.1 | 3.2 | 2.8 | 2.3 | 5.3 | 7.1 | 4.2 |
| LSD VALUE | 0.8 | 0.9 | 1.0 | 0.7 | 0.7 | 1.0 | 0.7 | 1.1 | 0.3 |
| C.V. (%) | 7.2 | 9.0 | 9.9 | 6.6 | 7.8 | 11.0 | 8.7 | 9.1 | 8.8 |

TABLE 3C. MEAN TURFGRASS QUALITY RATINGS OF COLONIAL BENTGRASS CULTIVARS GROWN ON
A FAIRWAY OR TEE AT SEVEN LOCATIONS 1/
IN THE NORTH CENTRAL REGION
2007 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

| NAME | IA1 | IL1 | IN1 | MI1 | MN1 | ND1 | NE1 | MEAN |
|---------------------|-----|-----|------|------|------|-----|------|------|
| GREENTIME (IS-AT 7) | 6.4 | 4.3 | 3.7 | 4.7 | 4.9 | 4.7 | 7.4 | 5.2 |
| PST-9NBC | 6.4 | 4.0 | 3.6 | 3.8 | 5.5 | 4.7 | 7.4 | 5.1 |
| BARDOT | 6.4 | 3.7 | 4.3 | 3.6 | 4.6 | 5.0 | 6.9 | 4.9 |
| PST-9VN | 6.2 | 3.7 | 3.7 | 3.7 | 4.7 | 5.0 | 6.9 | 4.8 |
| SR 7150 | 6.5 | 3.6 | 3.5 | 3.5 | 4.5 | 4.7 | 7.4 | 4.8 |
| EWTR | 6.8 | 3.9 | 3.0 | 3.6 | 5.1 | 4.7 | 6.4 | 4.8 |
| TIGER II | 6.5 | 4.1 | 3.8 | 3.6 | 4.6 | 4.5 | 6.2 | 4.8 |
| LSD VALUE | 0.7 | 0.6 | 1.0 | 1.0 | 1.0 | 0.6 | 1.3 | 0.4 |
| C.V. (%) | 7.2 | 9.7 | 17.2 | 16.5 | 13.4 | 7.4 | 11.8 | 11.8 |

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 4A. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS FOR EACH MONTH GROWN ON
A FAIRWAY OR TEE AT PULLMAN, WA (UPPER WEST/MOUNTAIN) 1/
2007 DATA

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

| NAME | APR | MAY | JUN | JUL | AUG | SEP | OCT | MEAN |
|-----------------------------|------|------|------|-----|------|-----|------|------|
| T-1 | 3.0 | 7.3 | 7.0 | 7.7 | 8.7 | 8.7 | 7.7 | 7.1 |
| DECLARATION | 4.0 | 7.0 | 7.0 | 6.7 | 7.0 | 7.0 | 7.0 | 6.5 |
| CRYSTAL BLUELINKS (PST-OEB) | 3.3 | 6.3 | 6.3 | 7.3 | 7.3 | 7.7 | 7.0 | 6.5 |
| PENNEAGLE II | 2.7 | 7.0 | 6.7 | 7.0 | 7.3 | 7.7 | 6.7 | 6.4 |
| SR 1119 | 2.7 | 6.3 | 6.0 | 7.0 | 7.7 | 7.7 | 7.0 | 6.3 |
| ALPHA | 3.3 | 6.3 | 5.7 | 6.7 | 7.7 | 7.3 | 7.0 | 6.3 |
| INDEPENDENCE | 2.7 | 6.3 | 6.7 | 6.7 | 7.3 | 7.0 | 7.0 | 6.2 |
| PENNLINKS II | 3.3 | 6.7 | 5.7 | 6.7 | 7.0 | 7.3 | 6.7 | 6.2 |
| BENGAL | 2.3 | 7.0 | 6.3 | 7.0 | 7.0 | 6.7 | 6.7 | 6.1 |
| L-93 | 3.3 | 6.0 | 5.3 | 7.0 | 7.3 | 7.0 | 7.0 | 6.1 |
| LS-44 | 3.0 | 6.3 | 5.7 | 6.7 | 7.3 | 7.3 | 6.7 | 6.1 |
| KINGPIN (9200) | 2.7 | 5.3 | 4.3 | 7.3 | 8.0 | 7.7 | 7.0 | 6.0 |
| AUTHORITY (235050) | 3.0 | 6.3 | 6.3 | 7.0 | 6.7 | 6.3 | 6.3 | 6.0 |
| RUNNER (IS-AP 14) | 3.0 | 6.0 | 5.7 | 6.7 | 6.7 | 6.7 | 6.7 | 5.9 |
| SHARK (23R) | 2.7 | 5.7 | 5.7 | 7.3 | 7.0 | 6.3 | 6.3 | 5.9 |
| 13-M | 3.3 | 5.7 | 5.0 | 6.3 | 6.7 | 6.7 | 6.7 | 5.8 |
| MACKENZIE (SRX 1GPD) | 2.7 | 6.7 | 5.7 | 6.7 | 6.3 | 6.0 | 6.0 | 5.7 |
| SR 1150 (SRX 1PDH) | 3.0 | 6.0 | 6.0 | 6.3 | 6.3 | 6.0 | 6.0 | 5.7 |
| PENNCROSS | 3.0 | 5.7 | 5.0 | 6.3 | 6.0 | 6.3 | 6.3 | 5.5 |
| GREENTIME (IS-AT 7) | 4.0 | 5.7 | 6.0 | 5.7 | 5.7 | 5.7 | 5.7 | 5.5 |
| EWTR | 3.7 | 5.3 | 6.0 | 5.3 | 5.7 | 5.3 | 5.3 | 5.2 |
| TIGER II | 4.3 | 5.7 | 6.0 | 5.0 | 5.3 | 5.3 | 5.0 | 5.2 |
| SR 7150 | 4.3 | 6.3 | 5.7 | 4.7 | 5.0 | 4.7 | 4.7 | 5.0 |
| BARDOT | 4.3 | 5.7 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| PST-9NBC | 3.7 | 5.7 | 5.3 | 4.7 | 5.0 | 5.0 | 5.0 | 4.9 |
| PRINCEVILLE | 2.7 | 5.7 | 4.7 | 5.0 | 5.3 | 5.3 | 5.3 | 4.9 |
| PST-9VN | 2.7 | 5.3 | 4.7 | 3.7 | 4.3 | 4.3 | 4.3 | 4.2 |
| SEASIDE | 1.7 | 3.0 | 3.3 | 3.0 | 2.3 | 3.0 | 2.7 | 2.7 |
| LSD VALUE | 1.1 | 1.4 | 1.5 | 0.9 | 1.0 | 1.0 | 1.0 | 0.7 |
| C.V. (%) | 22.1 | 14.1 | 16.7 | 9.4 | 10.0 | 9.8 | 10.0 | 7.2 |

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 4B. MEAN TURFGRASS QUALITY RATINGS OF CREEPING BENTGRASS CULTIVARS FOR EACH MONTH GROWN ON A FAIRWAY OR TEE AT PULLMAN, WA (UPPER WEST/MOUNTAIN) 1/
2007 DATA

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

| NAME | APR | MAY | JUN | JUL | AUG | SEP | OCT | MEAN |
|-----------------------------|------|------|------|-----|-----|-----|-----|------|
| T-1 | 3.0 | 7.3 | 7.0 | 7.7 | 8.7 | 8.7 | 7.7 | 7.1 |
| DECLARATION | 4.0 | 7.0 | 7.0 | 6.7 | 7.0 | 7.0 | 7.0 | 6.5 |
| CRYSTAL BLUELINKS (PST-OEB) | 3.3 | 6.3 | 6.3 | 7.3 | 7.3 | 7.7 | 7.0 | 6.5 |
| PENNEAGLE II | 2.7 | 7.0 | 6.7 | 7.0 | 7.3 | 7.7 | 6.7 | 6.4 |
| SR 1119 | 2.7 | 6.3 | 6.0 | 7.0 | 7.7 | 7.7 | 7.0 | 6.3 |
| ALPHA | 3.3 | 6.3 | 5.7 | 6.7 | 7.7 | 7.3 | 7.0 | 6.3 |
| INDEPENDENCE | 2.7 | 6.3 | 6.7 | 6.7 | 7.3 | 7.0 | 7.0 | 6.2 |
| PENNLINKS II | 3.3 | 6.7 | 5.7 | 6.7 | 7.0 | 7.3 | 6.7 | 6.2 |
| BENGAL | 2.3 | 7.0 | 6.3 | 7.0 | 7.0 | 6.7 | 6.7 | 6.1 |
| L-93 | 3.3 | 6.0 | 5.3 | 7.0 | 7.3 | 7.0 | 7.0 | 6.1 |
| LS-44 | 3.0 | 6.3 | 5.7 | 6.7 | 7.3 | 7.3 | 6.7 | 6.1 |
| KINGPIN (9200) | 2.7 | 5.3 | 4.3 | 7.3 | 8.0 | 7.7 | 7.0 | 6.0 |
| AUTHORITY (235050) | 3.0 | 6.3 | 6.3 | 7.0 | 6.7 | 6.3 | 6.3 | 6.0 |
| RUNNER (IS-AP 14) | 3.0 | 6.0 | 5.7 | 6.7 | 6.7 | 6.7 | 6.7 | 5.9 |
| SHARK (23R) | 2.7 | 5.7 | 5.7 | 7.3 | 7.0 | 6.3 | 6.3 | 5.9 |
| 13-M | 3.3 | 5.7 | 5.0 | 6.3 | 6.7 | 6.7 | 6.7 | 5.8 |
| MACKENZIE (SRX 1GPD) | 2.7 | 6.7 | 5.7 | 6.7 | 6.3 | 6.0 | 6.0 | 5.7 |
| SR 1150 (SRX 1PDH) | 3.0 | 6.0 | 6.0 | 6.3 | 6.3 | 6.0 | 6.0 | 5.7 |
| PENNCROSS | 3.0 | 5.7 | 5.0 | 6.3 | 6.0 | 6.3 | 6.3 | 5.5 |
| PRINCEVILLE | 2.7 | 5.7 | 4.7 | 5.0 | 5.3 | 5.3 | 5.3 | 4.9 |
| SEASIDE | 1.7 | 3.0 | 3.3 | 3.0 | 2.3 | 3.0 | 2.7 | 2.7 |
| LSD VALUE | 1.0 | 1.5 | 1.6 | 1.0 | 1.0 | 1.0 | 1.0 | 0.6 |
| C.V. (%) | 22.0 | 15.0 | 17.5 | 9.2 | 9.1 | 9.1 | 9.6 | 6.7 |

TABLE 4C. MEAN TURFGRASS QUALITY RATINGS OF COLONIAL BENTGRASS CULTIVARS FOR EACH MONTH GROWN ON A FAIRWAY OR TEE AT PULLMAN, WA (UPPER WEST/MOUNTAIN) 1/
2007 DATA

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

| NAME | APR | MAY | JUN | JUL | AUG | SEP | OCT | MEAN |
|---------------------|------|------|------|------|------|------|------|------|
| GREENTIME (IS-AT 7) | 4.0 | 5.7 | 6.0 | 5.7 | 5.7 | 5.7 | 5.7 | 5.5 |
| EWTR | 3.7 | 5.3 | 6.0 | 5.3 | 5.7 | 5.3 | 5.3 | 5.2 |
| TIGER II | 4.3 | 5.7 | 6.0 | 5.0 | 5.3 | 5.3 | 5.0 | 5.2 |
| SR 7150 | 4.3 | 6.3 | 5.7 | 4.7 | 5.0 | 4.7 | 4.7 | 5.0 |
| BARDOT | 4.3 | 5.7 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| PST-9NBC | 3.7 | 5.7 | 5.3 | 4.7 | 5.0 | 5.0 | 5.0 | 4.9 |
| PST-9VN | 2.7 | 5.3 | 4.7 | 3.7 | 4.3 | 4.3 | 4.3 | 4.2 |
| LSD VALUE | 1.4 | 0.9 | 1.2 | 0.8 | 1.1 | 1.0 | 0.9 | 0.7 |
| C.V. (%) | 21.9 | 10.2 | 13.7 | 10.0 | 13.4 | 12.2 | 11.5 | 8.9 |

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

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

TABLE 5A. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS
GROWN UNDER REDUCED FUNGICIDES AT FARMINGDALE, NY 1/
2007 DATA

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

| NAME | QUALITY RATINGS | | | | | | | | | |
|-----------------------------|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | SPRING GREENUP | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | MEAN |
| EWTR | 7.0 | 6.3 | 6.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.8 |
| LS-44 | 6.7 | 6.7 | 6.3 | 7.0 | 6.7 | 6.7 | 6.7 | 7.0 | 7.0 | 6.8 |
| PST-9VN | 7.0 | 6.7 | 6.0 | 7.0 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 6.8 |
| PENNLINKS II | 6.0 | 6.7 | 6.0 | 7.3 | 6.3 | 7.0 | 7.0 | 6.7 | 6.7 | 6.7 |
| BARDOT | 6.7 | 6.3 | 6.0 | 7.0 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.6 |
| CRYSTAL BLUELINKS (PST-OEB) | 7.0 | 6.0 | 6.0 | 7.0 | 7.0 | 6.3 | 6.3 | 7.0 | 7.0 | 6.6 |
| SHARK (23R) | 6.7 | 6.3 | 6.0 | 7.0 | 6.3 | 6.7 | 6.7 | 7.0 | 7.0 | 6.6 |
| T-1 | 6.0 | 6.3 | 6.0 | 7.0 | 7.0 | 6.7 | 6.7 | 6.7 | 6.7 | 6.6 |
| PRINCEVILLE | 6.3 | 6.3 | 6.0 | 7.3 | 6.7 | 6.0 | 6.0 | 6.7 | 6.7 | 6.5 |
| RUNNER (IS-AP 14) | 6.0 | 6.0 | 6.0 | 6.7 | 6.3 | 6.3 | 6.3 | 7.0 | 7.0 | 6.5 |
| SR 1150 (SRX 1PDH) | 7.0 | 6.0 | 6.0 | 7.0 | 6.3 | 6.3 | 6.3 | 7.0 | 7.0 | 6.5 |
| GREENTIME (IS-AT 7) | 7.0 | 6.3 | 6.0 | 6.7 | 6.0 | 6.7 | 6.7 | 6.3 | 6.3 | 6.4 |
| L-93 | 6.0 | 6.3 | 6.0 | 7.0 | 6.0 | 6.3 | 6.3 | 6.7 | 6.7 | 6.4 |
| PENNCROSS | 7.0 | 6.0 | 6.0 | 6.3 | 6.0 | 6.7 | 6.7 | 6.7 | 6.7 | 6.4 |
| PST-9NBC | 6.3 | 6.0 | 6.0 | 7.0 | 6.3 | 6.3 | 6.3 | 6.7 | 6.7 | 6.4 |
| INDEPENDENCE | 6.7 | 6.3 | 6.3 | 6.7 | 6.0 | 6.0 | 6.0 | 6.7 | 6.7 | 6.3 |
| KINGPIN (9200) | 6.3 | 5.7 | 5.7 | 7.0 | 6.3 | 6.3 | 6.3 | 6.7 | 6.7 | 6.3 |
| SEASIDE | 6.0 | 6.0 | 6.0 | 6.3 | 6.0 | 6.3 | 6.3 | 6.7 | 6.7 | 6.3 |
| SR 7150 | 7.0 | 5.7 | 5.7 | 6.0 | 6.0 | 6.7 | 6.7 | 6.7 | 6.7 | 6.3 |
| BENGAL | 6.0 | 6.7 | 6.0 | 6.3 | 6.0 | 6.3 | 6.3 | 6.0 | 5.7 | 6.2 |
| MACKENZIE (SRX 1GPD) | 6.7 | 6.3 | 6.0 | 6.3 | 6.0 | 6.0 | 6.0 | 6.3 | 6.3 | 6.2 |
| AUTHORITY (235050) | 6.7 | 6.0 | 6.0 | 6.3 | 6.0 | 6.0 | 6.0 | 6.3 | 6.3 | 6.1 |
| PENNEAGLE II | 6.0 | 6.3 | 6.0 | 6.3 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.1 |
| SR 1119 | 6.3 | 5.7 | 5.7 | 6.3 | 6.0 | 6.0 | 6.0 | 6.7 | 6.7 | 6.1 |
| 13-M | 5.3 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 |
| ALPHA | 5.7 | 6.3 | 6.0 | 6.0 | 5.7 | 6.0 | 5.7 | 6.3 | 6.3 | 6.0 |
| TIGER II | 6.7 | 6.0 | 5.7 | 6.0 | 6.0 | 6.0 | 5.7 | 6.3 | 6.3 | 6.0 |
| DECLARATION | 6.0 | 6.0 | 5.7 | 6.0 | 5.3 | 6.0 | 5.3 | 6.0 | 5.7 | 5.8 |
| LSD VALUE | 0.7 | 1.3 | 0.8 | 0.6 | 0.7 | 0.9 | 0.9 | 1.0 | 0.9 | 0.3 |
| C.V. (%) | 6.2 | 7.3 | 4.5 | 5.6 | 6.0 | 6.6 | 7.2 | 6.6 | 6.8 | 3.1 |

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 5B. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN UNDER REDUCED FUNGICIDES AT FARMINGDALE, NY 1/
2007 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME | QUALITY RATINGS | | | | | | | | | |
|-----------------------------|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | SPRING GREENUP | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | MEAN |
| LS-44 | 6.7 | 6.7 | 6.3 | 7.0 | 6.7 | 6.7 | 6.7 | 7.0 | 7.0 | 6.8 |
| PENNLINKS II | 6.0 | 6.7 | 6.0 | 7.3 | 6.3 | 7.0 | 7.0 | 6.7 | 6.7 | 6.7 |
| CRYSTAL BLUELINKS (PST-OEB) | 7.0 | 6.0 | 6.0 | 7.0 | 7.0 | 6.3 | 6.3 | 7.0 | 7.0 | 6.6 |
| SHARK (23R) | 6.7 | 6.3 | 6.0 | 7.0 | 6.3 | 6.7 | 6.7 | 7.0 | 7.0 | 6.6 |
| T-1 | 6.0 | 6.3 | 6.0 | 7.0 | 7.0 | 6.7 | 6.7 | 6.7 | 6.7 | 6.6 |
| PRINCEVILLE | 6.3 | 6.3 | 6.0 | 7.3 | 6.7 | 6.0 | 6.0 | 6.7 | 6.7 | 6.5 |
| RUNNER (IS-AP 14) | 6.0 | 6.0 | 6.0 | 6.7 | 6.3 | 6.3 | 6.3 | 7.0 | 7.0 | 6.5 |
| SR 1150 (SRX 1PDH) | 7.0 | 6.0 | 6.0 | 7.0 | 6.3 | 6.3 | 6.3 | 7.0 | 7.0 | 6.5 |
| L-93 | 6.0 | 6.3 | 6.0 | 7.0 | 6.0 | 6.3 | 6.3 | 6.7 | 6.7 | 6.4 |
| PENNCROSS | 7.0 | 6.0 | 6.0 | 6.3 | 6.0 | 6.7 | 6.7 | 6.7 | 6.7 | 6.4 |
| INDEPENDENCE | 6.7 | 6.3 | 6.3 | 6.7 | 6.0 | 6.0 | 6.0 | 6.7 | 6.7 | 6.3 |
| KINGPIN (9200) | 6.3 | 5.7 | 5.7 | 7.0 | 6.3 | 6.3 | 6.3 | 6.7 | 6.7 | 6.3 |
| SEASIDE | 6.0 | 6.0 | 6.0 | 6.3 | 6.0 | 6.3 | 6.3 | 6.7 | 6.7 | 6.3 |
| BENGAL | 6.0 | 6.7 | 6.0 | 6.3 | 6.0 | 6.3 | 6.3 | 6.0 | 5.7 | 6.2 |
| MACKENZIE (SRX 1GPD) | 6.7 | 6.3 | 6.0 | 6.3 | 6.0 | 6.0 | 6.0 | 6.3 | 6.3 | 6.2 |
| AUTHORITY (235050) | 6.7 | 6.0 | 6.0 | 6.3 | 6.0 | 6.0 | 6.0 | 6.3 | 6.3 | 6.1 |
| PENNEAGLE II | 6.0 | 6.3 | 6.0 | 6.3 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.1 |
| SR 1119 | 6.3 | 5.7 | 5.7 | 6.3 | 6.0 | 6.0 | 6.0 | 6.7 | 6.7 | 6.1 |
| 13-M | 5.3 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 |
| ALPHA | 5.7 | 6.3 | 6.0 | 6.0 | 5.7 | 6.0 | 5.7 | 6.3 | 6.3 | 6.0 |
| DECLARATION | 6.0 | 6.0 | 5.7 | 6.0 | 5.3 | 6.0 | 5.3 | 6.0 | 5.7 | 5.8 |
| LSD VALUE | 0.7 | 1.2 | 0.7 | 0.7 | 0.7 | 1.0 | 1.0 | 0.8 | 0.7 | 0.3 |
| C.V. (%) | 6.4 | 7.2 | 4.4 | 6.2 | 6.1 | 6.7 | 7.3 | 6.0 | 6.1 | 2.9 |

TABLE 5C. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN UNDER REDUCED FUNGICIDES AT FARMINGDALE, NY 1/
2007 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME | QUALITY RATINGS | | | | | | | | | |
|---------------------|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | SPRING GREENUP | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | MEAN |
| EWTR | 7.0 | 6.3 | 6.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.8 |
| PST-9VN | 7.0 | 6.7 | 6.0 | 7.0 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 6.8 |
| BARDOT | 6.7 | 6.3 | 6.0 | 7.0 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.6 |
| GREENTIME (IS-AT 7) | 7.0 | 6.3 | 6.0 | 6.7 | 6.0 | 6.7 | 6.7 | 6.3 | 6.3 | 6.4 |
| PST-9NBC | 6.3 | 6.0 | 6.0 | 7.0 | 6.3 | 6.3 | 6.3 | 6.7 | 6.7 | 6.4 |
| SR 7150 | 7.0 | 5.7 | 5.7 | 6.0 | 6.0 | 6.7 | 6.7 | 6.7 | 6.7 | 6.3 |
| TIGER II | 6.7 | 6.0 | 5.7 | 6.0 | 6.0 | 6.0 | 5.7 | 6.3 | 6.3 | 6.0 |
| LSD VALUE | 0.9 | 1.1 | 0.7 | 0.4 | 0.8 | 1.0 | 0.9 | 1.3 | 1.3 | 0.5 |
| C.V. (%) | 5.9 | 7.6 | 4.8 | 3.3 | 6.2 | 6.6 | 6.9 | 7.8 | 7.8 | 3.8 |

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 6A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE AT PUYALLUP, WA 1/
2007 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | DENSITY SUMMER | POA ANNUA | QUALITY RATINGS | | | | | | | | | | | | MEAN |
|-----------------------------|------------------|-------------------|-------------------|--------------|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| EWTR | 7.0 | 5.3 | 7.7 | 6.7 | 5.3 | 5.3 | 6.0 | 7.3 | 6.3 | 7.0 | 7.0 | 6.7 | 6.3 | 7.0 | 5.7 | 5.0 | 6.3 |
| AUTHORITY (235050) | 6.3 | 4.7 | 6.3 | 7.3 | 5.0 | 5.3 | 5.7 | 6.7 | 6.7 | 6.3 | 5.7 | 5.7 | 7.0 | 7.0 | 6.3 | 5.3 | 6.1 |
| L-93 | 6.3 | 5.0 | 5.7 | 6.7 | 5.0 | 5.0 | 5.3 | 6.7 | 6.0 | 5.7 | 6.0 | 6.0 | 6.3 | 6.7 | 6.7 | 5.7 | 5.9 |
| RUNNER (IS-AP 14) | 7.0 | 5.7 | 6.3 | 7.7 | 5.3 | 5.7 | 6.0 | 7.0 | 7.3 | 6.7 | 6.0 | 5.0 | 5.0 | 6.3 | 5.7 | 5.0 | 5.9 |
| 13-M | 6.3 | 5.0 | 6.7 | 7.0 | 5.3 | 5.0 | 6.3 | 6.0 | 5.7 | 5.3 | 5.3 | 5.0 | 6.3 | 6.7 | 6.0 | 5.0 | 5.7 |
| BENGAL | 6.7 | 5.0 | 6.3 | 6.0 | 5.0 | 6.0 | 6.0 | 6.0 | 5.0 | 5.3 | 5.0 | 5.7 | 7.0 | 6.3 | 5.7 | 5.7 | 5.7 |
| DECLARATION | 7.0 | 6.3 | 6.3 | 7.0 | 5.7 | 5.7 | 5.7 | 6.7 | 6.0 | 6.7 | 6.3 | 4.3 | 5.0 | 6.3 | 5.3 | 5.0 | 5.7 |
| TIGER II | 6.7 | 5.0 | 7.0 | 6.3 | 4.3 | 4.7 | 5.0 | 6.0 | 5.7 | 5.7 | 6.3 | 7.3 | 6.7 | 6.7 | 5.0 | 5.3 | 5.7 |
| CRYSTAL BLUELINKS (PST-OEB) | 7.0 | 5.3 | 6.3 | 6.3 | 5.0 | 5.0 | 5.3 | 5.3 | 5.7 | 6.0 | 5.3 | 6.3 | 6.7 | 5.7 | 5.3 | 5.3 | 5.6 |
| GREENTIME (IS-AT 7) | 6.7 | 4.7 | 7.0 | 6.3 | 5.0 | 4.3 | 5.3 | 6.0 | 5.7 | 6.0 | 5.3 | 6.3 | 6.3 | 5.7 | 5.7 | 5.0 | 5.6 |
| SR 1119 | 7.0 | 5.0 | 6.3 | 6.7 | 5.3 | 5.3 | 5.3 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 6.0 | 6.3 | 5.7 | 5.0 | 5.6 |
| ALPHA | 7.7 | 5.0 | 6.0 | 7.0 | 4.7 | 5.3 | 5.7 | 6.0 | 6.0 | 6.0 | 5.7 | 5.0 | 6.0 | 6.0 | 5.3 | 4.3 | 5.5 |
| INDEPENDENCE | 7.0 | 4.7 | 6.7 | 7.0 | 4.7 | 5.0 | 5.7 | 6.0 | 5.7 | 6.0 | 6.0 | 6.0 | 5.7 | 6.0 | 4.7 | 4.3 | 5.5 |
| PENNEAGLE II | 6.7 | 4.7 | 6.3 | 6.3 | 5.0 | 5.0 | 5.3 | 5.0 | 5.7 | 6.0 | 5.7 | 5.0 | 6.0 | 6.3 | 6.0 | 5.0 | 5.5 |
| PST-9NBC | 6.7 | 5.7 | 7.0 | 6.3 | 4.3 | 4.7 | 5.0 | 6.0 | 5.7 | 5.7 | 6.0 | 6.7 | 6.0 | 6.0 | 4.3 | 5.7 | 5.5 |
| T-1 | 8.0 | 6.0 | 6.0 | 6.0 | 5.3 | 5.3 | 6.3 | 5.7 | 5.3 | 5.3 | 5.0 | 5.0 | 6.0 | 6.3 | 5.3 | 5.3 | 5.5 |
| LS-44 | 7.0 | 4.3 | 6.0 | 6.3 | 4.7 | 5.0 | 5.0 | 5.3 | 5.7 | 5.3 | 5.3 | 5.7 | 6.0 | 6.0 | 5.3 | 5.0 | 5.4 |
| KINGPIN (9200) | 7.3 | 5.7 | 6.3 | 6.7 | 5.0 | 4.7 | 5.3 | 5.7 | 5.7 | 5.3 | 5.3 | 5.3 | 6.0 | 5.7 | 5.0 | 5.0 | 5.3 |
| MACKENZIE (SRX 1GPD) | 6.7 | 5.3 | 6.0 | 6.3 | 5.0 | 4.7 | 5.3 | 6.0 | 5.3 | 5.0 | 5.0 | 5.7 | 6.0 | 6.0 | 5.3 | 4.7 | 5.3 |
| SHARK (23R) | 6.7 | 5.7 | 6.3 | 6.3 | 4.0 | 4.3 | 5.0 | 5.3 | 5.3 | 5.3 | 5.3 | 5.0 | 6.3 | 7.0 | 5.3 | 4.7 | 5.3 |
| BARDOT | 7.0 | 6.0 | 6.7 | 5.7 | 4.3 | 4.0 | 5.0 | 5.3 | 5.3 | 5.0 | 5.7 | 6.7 | 5.7 | 5.3 | 5.0 | 5.0 | 5.2 |
| PENNCROSS | 6.7 | 4.3 | 5.0 | 6.3 | 5.0 | 4.7 | 5.0 | 5.3 | 5.0 | 5.3 | 5.3 | 6.0 | 5.3 | 5.7 | 5.3 | 4.7 | 5.2 |
| PENNLINKS II | 6.7 | 4.3 | 5.7 | 6.0 | 4.3 | 4.3 | 5.0 | 5.3 | 5.3 | 5.0 | 5.3 | 5.0 | 6.0 | 5.7 | 5.7 | 5.3 | 5.2 |
| PRINCEVILLE | 6.3 | 4.7 | 5.7 | 6.3 | 4.7 | 4.7 | 4.7 | 5.0 | 5.3 | 5.7 | 5.0 | 5.3 | 6.0 | 5.7 | 4.7 | 5.3 | 5.2 |
| SR 1150 (SRX 1PDH) | 6.7 | 5.0 | 6.0 | 6.7 | 4.7 | 4.3 | 4.7 | 5.7 | 5.3 | 5.7 | 5.0 | 5.3 | 5.7 | 5.7 | 5.0 | 4.3 | 5.1 |
| PST-9VN | 6.0 | 6.3 | 4.7 | 5.0 | 4.7 | 4.7 | 4.0 | 4.7 | 4.3 | 4.7 | 5.0 | 5.7 | 5.0 | 5.0 | 5.0 | 5.0 | 4.8 |
| SR 7150 | 7.0 | 6.3 | 5.7 | 5.7 | 4.0 | 4.7 | 4.7 | 6.0 | 4.7 | 4.7 | 4.3 | 4.7 | 5.7 | 5.3 | 4.7 | 4.7 | 4.8 |
| SEASIDE | 6.7 | 5.3 | 3.7 | 4.3 | 4.3 | 4.3 | 3.3 | 4.0 | 3.7 | 3.3 | 3.0 | 3.7 | 4.3 | 4.0 | 4.7 | 4.7 | 3.9 |
| LSD VALUE | 1.3 | 1.8 | 1.6 | 1.4 | 2.6 | 1.2 | 1.1 | 1.4 | 1.2 | 1.1 | 1.0 | 1.3 | 1.8 | 1.8 | 2.1 | 2.6 | 0.7 |
| C.V. (%) | 8.0 | 15.1 | 13.7 | 11.5 | 16.2 | 11.7 | 11.5 | 12.7 | 11.8 | 11.4 | 11.4 | 13.4 | 13.3 | 13.6 | 14.8 | 14.6 | 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 6B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE AT PUYALLUP, WA 1/
2007 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME | GENETIC COLOR | SPRING GREENUP | DENSITY SUMMER | POA ANNUA | QUALITY RATINGS | | | | | | | | | | | | | MEAN |
|-----------------------------|------------------|-------------------|-------------------|--------------|-----------------|------|------|------|------|------|------|------|------|------|------|------|-----|------|
| | | | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | | |
| AUTHORITY (235050) | 6.3 | 4.7 | 6.3 | 7.3 | 5.0 | 5.3 | 5.7 | 6.7 | 6.7 | 6.3 | 5.7 | 5.7 | 7.0 | 7.0 | 6.3 | 5.3 | 6.1 | |
| L-93 | 6.3 | 5.0 | 5.7 | 6.7 | 5.0 | 5.0 | 5.3 | 6.7 | 6.0 | 5.7 | 6.0 | 6.3 | 6.7 | 6.7 | 6.7 | 5.7 | 5.9 | |
| RUNNER (IS-AP 14) | 7.0 | 5.7 | 6.3 | 7.7 | 5.3 | 5.7 | 6.0 | 7.0 | 7.3 | 6.7 | 6.0 | 5.0 | 5.0 | 6.3 | 5.7 | 5.0 | 5.9 | |
| 13-M | 6.3 | 5.0 | 6.7 | 7.0 | 5.3 | 5.0 | 6.3 | 6.0 | 5.7 | 5.3 | 5.3 | 5.0 | 6.3 | 6.7 | 6.0 | 5.0 | 5.7 | |
| BENGAL | 6.7 | 5.0 | 6.3 | 6.0 | 5.0 | 6.0 | 6.0 | 6.0 | 5.0 | 5.3 | 5.0 | 5.7 | 7.0 | 6.3 | 5.7 | 5.7 | 5.7 | |
| DECLARATION | 7.0 | 6.3 | 6.3 | 7.0 | 5.7 | 5.7 | 5.7 | 6.7 | 6.0 | 6.7 | 6.3 | 4.3 | 5.0 | 6.3 | 5.3 | 5.0 | 5.7 | |
| CRYSTAL BLUELINKS (PST-OEB) | 7.0 | 5.3 | 6.3 | 6.3 | 5.0 | 5.0 | 5.3 | 5.3 | 5.7 | 6.0 | 5.3 | 6.3 | 6.7 | 5.7 | 5.3 | 5.3 | 5.6 | |
| SR 1119 | 7.0 | 5.0 | 6.3 | 6.7 | 5.3 | 5.3 | 5.3 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 6.0 | 6.3 | 5.7 | 5.0 | 5.6 | |
| ALPHA | 7.7 | 5.0 | 6.0 | 7.0 | 4.7 | 5.3 | 5.7 | 6.0 | 6.0 | 6.0 | 5.7 | 5.0 | 6.0 | 6.0 | 5.3 | 4.3 | 5.5 | |
| INDEPENDENCE | 7.0 | 4.7 | 6.7 | 7.0 | 4.7 | 5.0 | 5.7 | 6.0 | 5.7 | 6.0 | 6.0 | 6.0 | 5.7 | 6.0 | 4.7 | 4.3 | 5.5 | |
| PENNEAGLE II | 6.7 | 4.7 | 6.3 | 6.3 | 5.0 | 5.0 | 5.3 | 5.0 | 5.7 | 6.0 | 5.7 | 5.0 | 6.0 | 6.3 | 6.0 | 5.0 | 5.5 | |
| T-1 | 8.0 | 6.0 | 6.0 | 6.0 | 5.3 | 5.3 | 6.3 | 5.7 | 5.3 | 5.3 | 5.0 | 5.0 | 6.0 | 6.3 | 5.3 | 5.3 | 5.5 | |
| LS-44 | 7.0 | 4.3 | 6.0 | 6.3 | 4.7 | 5.0 | 5.0 | 5.3 | 5.7 | 5.3 | 5.3 | 5.7 | 6.0 | 6.0 | 5.3 | 5.0 | 5.4 | |
| KINGPIN (9200) | 7.3 | 5.7 | 6.3 | 6.7 | 5.0 | 4.7 | 5.3 | 5.7 | 5.7 | 5.3 | 5.3 | 5.3 | 6.0 | 5.7 | 5.0 | 5.0 | 5.3 | |
| MACKENZIE (SRX 1GPD) | 6.7 | 5.3 | 6.0 | 6.3 | 5.0 | 4.7 | 5.3 | 6.0 | 5.3 | 5.0 | 5.0 | 5.7 | 6.0 | 6.0 | 5.3 | 4.7 | 5.3 | |
| SHARK (23R) | 6.7 | 5.7 | 6.3 | 6.3 | 4.0 | 4.3 | 5.0 | 5.3 | 5.3 | 5.3 | 5.3 | 5.0 | 6.3 | 7.0 | 5.3 | 4.7 | 5.3 | |
| PENNCROSS | 6.7 | 4.3 | 5.0 | 6.3 | 5.0 | 4.7 | 5.0 | 5.3 | 5.0 | 5.3 | 5.3 | 6.0 | 5.3 | 5.7 | 5.3 | 4.7 | 5.2 | |
| PENNLINKS II | 6.7 | 4.3 | 5.7 | 6.0 | 4.3 | 4.3 | 5.0 | 5.3 | 5.3 | 5.0 | 5.3 | 5.0 | 6.0 | 5.7 | 5.7 | 5.3 | 5.2 | |
| PRINCEVILLE | 6.3 | 4.7 | 5.7 | 6.3 | 4.7 | 4.7 | 4.7 | 5.0 | 5.3 | 5.7 | 5.0 | 5.3 | 6.0 | 5.7 | 4.7 | 5.3 | 5.2 | |
| SR 1150 (SRX 1PDH) | 6.7 | 5.0 | 6.0 | 6.7 | 4.7 | 4.3 | 4.7 | 5.7 | 5.3 | 5.7 | 5.0 | 5.3 | 5.7 | 5.7 | 5.0 | 4.3 | 5.1 | |
| SEASIDE | 6.7 | 5.3 | 3.7 | 4.3 | 4.3 | 4.3 | 3.3 | 4.0 | 3.7 | 3.3 | 3.0 | 3.7 | 4.3 | 4.0 | 4.7 | 4.7 | 3.9 | |
| LSD VALUE | 1.1 | 1.6 | 1.4 | 1.5 | 2.7 | 1.0 | 0.9 | 1.2 | 1.1 | 1.2 | 1.0 | 1.3 | 1.4 | 1.4 | 1.8 | 2.1 | 0.7 | |
| C.V. (%) | 7.4 | 13.9 | 11.7 | 11.7 | 16.3 | 10.5 | 10.0 | 11.4 | 11.5 | 11.8 | 11.0 | 12.7 | 12.0 | 11.4 | 13.4 | 13.9 | 7.1 | |

TABLE 6C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE AT PUYALLUP, WA 1/
2007 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME | GENETIC COLOR | SPRING GREENUP | DENSITY SUMMER | POA ANNUA | QUALITY RATINGS | | | | | | | | | | | | | MEAN |
|---------------------|------------------|-------------------|-------------------|--------------|-----------------|------|------|------|------|-----|------|------|------|------|------|------|-----|------|
| | | | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | | |
| EWTR | 7.0 | 5.3 | 7.7 | 6.7 | 5.3 | 5.3 | 6.0 | 7.3 | 6.3 | 7.0 | 7.0 | 6.7 | 6.3 | 7.0 | 5.7 | 5.0 | 6.3 | |
| TIGER II | 6.7 | 5.0 | 7.0 | 6.3 | 4.3 | 4.7 | 5.0 | 6.0 | 5.7 | 5.7 | 6.3 | 7.3 | 6.7 | 6.7 | 5.0 | 5.3 | 5.7 | |
| GREENTIME (IS-AT 7) | 6.7 | 4.7 | 7.0 | 6.3 | 5.0 | 4.3 | 5.3 | 6.0 | 5.7 | 6.0 | 5.3 | 6.3 | 6.3 | 5.7 | 5.7 | 5.0 | 5.6 | |
| PST-9NBC | 6.7 | 5.7 | 7.0 | 6.3 | 4.3 | 4.7 | 5.0 | 6.0 | 5.7 | 5.7 | 6.0 | 6.7 | 6.0 | 6.0 | 4.3 | 5.7 | 5.5 | |
| BARDOT | 7.0 | 6.0 | 6.7 | 5.7 | 4.3 | 4.0 | 5.0 | 5.3 | 5.3 | 5.0 | 5.7 | 6.7 | 5.7 | 5.3 | 5.0 | 5.0 | 5.2 | |
| PST-9VN | 6.0 | 6.3 | 4.7 | 5.0 | 4.7 | 4.7 | 4.0 | 4.7 | 4.3 | 4.7 | 5.0 | 5.7 | 5.0 | 5.0 | 5.0 | 5.0 | 4.8 | |
| SR 7150 | 7.0 | 6.3 | 5.7 | 5.7 | 4.0 | 4.7 | 4.7 | 6.0 | 4.7 | 4.7 | 4.3 | 4.7 | 5.7 | 5.3 | 4.7 | 4.7 | 4.8 | |
| LSD VALUE | 1.6 | 2.2 | 2.3 | 1.4 | 1.9 | 1.6 | 1.7 | 2.0 | 1.4 | 0.9 | 1.4 | 1.7 | 2.1 | 2.8 | 2.3 | 1.8 | 0.9 | |
| C.V. (%) | 9.8 | 17.0 | 16.9 | 10.9 | 17.1 | 14.8 | 15.6 | 16.0 | 12.5 | 8.8 | 12.8 | 13.7 | 15.2 | 19.9 | 18.3 | 14.1 | 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 7A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT MADISON, WI 1/
2007 DATA

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

| NAME | PERCENT COVER SPRING | PERCENT COVER SUMMER | PERCENT COVER FALL | QUALITY RATINGS | | | | | | MEAN |
|-----------------------------|----------------------------|----------------------------|--------------------------|-----------------|------|------|------|------|------|------|
| | | | | MAY | JUN | JUL | AUG | SEP | OCT | |
| DECLARATION | 90.7 | 81.7 | 90.0 | 7.3 | 7.0 | 4.3 | 7.3 | 6.7 | 6.7 | 6.6 |
| PENNEAGLE II | 95.7 | 86.7 | 85.0 | 5.7 | 7.0 | 6.0 | 6.7 | 7.3 | 6.7 | 6.6 |
| RUNNER (IS-AP 14) | 90.7 | 81.7 | 83.3 | 6.7 | 6.7 | 6.7 | 6.0 | 5.7 | 7.0 | 6.4 |
| INDEPENDENCE | 90.0 | 76.7 | 86.7 | 6.3 | 7.0 | 7.0 | 6.0 | 5.7 | 6.0 | 6.3 |
| L-93 | 88.3 | 83.3 | 81.7 | 6.0 | 7.0 | 6.3 | 7.0 | 6.3 | 5.3 | 6.3 |
| SHARK (23R) | 88.3 | 86.7 | 85.0 | 6.0 | 7.0 | 4.0 | 7.3 | 6.0 | 6.3 | 6.1 |
| ALPHA | 83.3 | 70.0 | 83.3 | 5.3 | 6.0 | 6.3 | 5.0 | 7.3 | 6.0 | 6.0 |
| AUTHORITY (235050) | 81.7 | 85.0 | 71.7 | 5.3 | 6.3 | 4.3 | 7.3 | 6.3 | 6.0 | 5.9 |
| SR 1150 (SRX 1PDH) | 86.7 | 83.3 | 63.3 | 4.7 | 6.0 | 6.0 | 7.3 | 6.3 | 5.3 | 5.9 |
| T-1 | 88.3 | 80.0 | 81.7 | 5.7 | 6.0 | 5.7 | 6.3 | 6.0 | 5.7 | 5.9 |
| LS-44 | 80.0 | 76.7 | 85.0 | 5.7 | 6.3 | 5.7 | 5.3 | 6.0 | 6.0 | 5.8 |
| 13-M | 78.3 | 78.3 | 83.3 | 5.7 | 6.7 | 3.3 | 6.7 | 6.7 | 4.3 | 5.6 |
| CRYSTAL BLUELINKS (PST-OEB) | 86.0 | 80.0 | 86.7 | 5.0 | 6.0 | 5.0 | 5.7 | 6.0 | 6.0 | 5.6 |
| SR 1119 | 71.7 | 73.3 | 85.0 | 5.7 | 6.3 | 4.7 | 5.0 | 6.3 | 5.7 | 5.6 |
| KINGPIN (9200) | 74.3 | 75.0 | 75.0 | 5.3 | 5.3 | 4.3 | 5.3 | 5.0 | 6.0 | 5.2 |
| PRINCEVILLE | 60.0 | 50.0 | 46.7 | 4.0 | 5.3 | 5.0 | 4.7 | 7.0 | 4.7 | 5.1 |
| BENGAL | 73.3 | 66.7 | 80.0 | 4.3 | 6.0 | 4.7 | 4.7 | 5.3 | 4.7 | 4.9 |
| MACKENZIE (SRX 1GPD) | 65.0 | 78.3 | 51.7 | 4.7 | 4.3 | 3.7 | 5.7 | 5.3 | 4.3 | 4.7 |
| PENNCROSS | 56.7 | 63.3 | 43.3 | 2.3 | 3.7 | 5.0 | 5.7 | 6.0 | 4.3 | 4.5 |
| PENNLINKS II | 43.3 | 56.7 | 53.3 | 2.7 | 3.7 | 4.0 | 5.0 | 4.7 | 3.7 | 3.9 |
| PST-9NBC | 33.3 | 48.3 | 43.3 | 2.3 | 2.7 | 3.3 | 5.0 | 6.0 | 2.7 | 3.7 |
| EWTR | 13.3 | 43.3 | 26.7 | 3.0 | 2.3 | 3.3 | 4.0 | 3.7 | 3.0 | 3.2 |
| SEASIDE | 21.7 | 63.3 | 15.0 | 1.0 | 2.0 | 4.0 | 4.3 | 5.0 | 3.0 | 3.2 |
| TIGER II | 11.7 | 45.0 | 23.3 | 1.3 | 2.0 | 4.0 | 3.3 | 4.7 | 2.0 | 2.9 |
| GREENTIME (IS-AT 7) | 20.0 | 33.3 | 40.0 | 1.3 | 2.0 | 3.7 | 2.3 | 4.7 | 3.0 | 2.8 |
| BARDOT | 15.0 | 40.0 | 23.3 | 1.3 | 2.3 | 3.3 | 3.3 | 3.3 | 2.7 | 2.7 |
| PST-9VN | 15.0 | 46.7 | 46.7 | 1.3 | 2.0 | 3.3 | 3.0 | 3.7 | 2.0 | 2.6 |
| SR 7150 | 15.0 | 40.0 | 36.7 | 1.3 | 2.3 | 4.0 | 2.7 | 3.3 | 2.0 | 2.6 |
| LSD VALUE | 14.5 | 15.2 | 22.6 | 2.0 | 1.6 | 2.0 | 1.9 | 1.5 | 1.9 | 0.9 |
| C.V. (%) | 16.0 | 14.7 | 23.3 | 30.1 | 21.7 | 23.7 | 21.4 | 16.2 | 24.9 | 12.2 |

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 7B. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT MADISON, WI 1/
2007 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME | PERCENT COVER SPRING | PERCENT COVER SUMMER | PERCENT COVER FALL | QUALITY RATINGS | | | | | | | MEAN |
|-----------------------------|----------------------------|----------------------------|--------------------------|-----------------|------|------|------|------|------|------|------|
| | | | | MAY | JUN | JUL | AUG | SEP | OCT | | |
| DECLARATION | 90.7 | 81.7 | 90.0 | 7.3 | 7.0 | 4.3 | 7.3 | 6.7 | 6.7 | 6.6 | |
| PENNEAGLE II | 95.7 | 86.7 | 85.0 | 5.7 | 7.0 | 6.0 | 6.7 | 7.3 | 6.7 | 6.6 | |
| RUNNER (IS-AP 14) | 90.7 | 81.7 | 83.3 | 6.7 | 6.7 | 6.7 | 6.0 | 5.7 | 7.0 | 6.4 | |
| INDEPENDENCE | 90.0 | 76.7 | 86.7 | 6.3 | 7.0 | 7.0 | 6.0 | 5.7 | 6.0 | 6.3 | |
| L-93 | 88.3 | 83.3 | 81.7 | 6.0 | 7.0 | 6.3 | 7.0 | 6.3 | 5.3 | 6.3 | |
| SHARK (23R) | 88.3 | 86.7 | 85.0 | 6.0 | 7.0 | 4.0 | 7.3 | 6.0 | 6.3 | 6.1 | |
| ALPHA | 83.3 | 70.0 | 83.3 | 5.3 | 6.0 | 6.3 | 5.0 | 7.3 | 6.0 | 6.0 | |
| AUTHORITY (235050) | 81.7 | 85.0 | 71.7 | 5.3 | 6.3 | 4.3 | 7.3 | 6.3 | 6.0 | 5.9 | |
| SR 1150 (SRX 1PDH) | 86.7 | 83.3 | 63.3 | 4.7 | 6.0 | 6.0 | 7.3 | 6.3 | 5.3 | 5.9 | |
| T-1 | 88.3 | 80.0 | 81.7 | 5.7 | 6.0 | 5.7 | 6.3 | 6.0 | 5.7 | 5.9 | |
| LS-44 | 80.0 | 76.7 | 85.0 | 5.7 | 6.3 | 5.7 | 5.3 | 6.0 | 6.0 | 5.8 | |
| 13-M | 78.3 | 78.3 | 83.3 | 5.7 | 6.7 | 3.3 | 6.7 | 6.7 | 4.3 | 5.6 | |
| CRYSTAL BLUELINKS (PST-OEB) | 86.0 | 80.0 | 86.7 | 5.0 | 6.0 | 5.0 | 5.7 | 6.0 | 6.0 | 5.6 | |
| SR 1119 | 71.7 | 73.3 | 85.0 | 5.7 | 6.3 | 4.7 | 5.0 | 6.3 | 5.7 | 5.6 | |
| KINGPIN (9200) | 74.3 | 75.0 | 75.0 | 5.3 | 5.3 | 4.3 | 5.3 | 5.0 | 6.0 | 5.2 | |
| PRINCEVILLE | 60.0 | 50.0 | 46.7 | 4.0 | 5.3 | 5.0 | 4.7 | 7.0 | 4.7 | 5.1 | |
| BENGAL | 73.3 | 66.7 | 80.0 | 4.3 | 6.0 | 4.7 | 4.7 | 5.3 | 4.7 | 4.9 | |
| MACKENZIE (SRX 1GPD) | 65.0 | 78.3 | 51.7 | 4.7 | 4.3 | 3.7 | 5.7 | 5.3 | 4.3 | 4.7 | |
| PENNCROSS | 56.7 | 63.3 | 43.3 | 2.3 | 3.7 | 5.0 | 5.7 | 6.0 | 4.3 | 4.5 | |
| PENNLINKS II | 43.3 | 56.7 | 53.3 | 2.7 | 3.7 | 4.0 | 5.0 | 4.7 | 3.7 | 3.9 | |
| SEASIDE | 21.7 | 63.3 | 15.0 | 1.0 | 2.0 | 4.0 | 4.3 | 5.0 | 3.0 | 3.2 | |
| LSD VALUE | 14.9 | 18.6 | 23.0 | 2.0 | 2.1 | 2.5 | 2.5 | 2.3 | 2.5 | 1.1 | |
| C.V. (%) | 12.7 | 13.3 | 19.6 | 23.9 | 20.9 | 24.2 | 19.9 | 16.3 | 22.5 | 11.7 | |

TABLE 7C. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT MADISON, WI 1/
2007 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME | PERCENT COVER SPRING | PERCENT COVER SUMMER | PERCENT COVER FALL | QUALITY RATINGS | | | | | | | MEAN |
|---------------------|----------------------------|----------------------------|--------------------------|-----------------|------|------|------|------|------|------|------|
| | | | | MAY | JUN | JUL | AUG | SEP | OCT | | |
| PST-9NBC | 33.3 | 48.3 | 43.3 | 2.3 | 2.7 | 3.3 | 5.0 | 6.0 | 2.7 | 3.7 | |
| EWTR | 13.3 | 43.3 | 26.7 | 3.0 | 2.3 | 3.3 | 4.0 | 3.7 | 3.0 | 3.2 | |
| TIGER II | 11.7 | 45.0 | 23.3 | 1.3 | 2.0 | 4.0 | 3.3 | 4.7 | 2.0 | 2.9 | |
| GREENTIME (IS-AT 7) | 20.0 | 33.3 | 40.0 | 1.3 | 2.0 | 3.7 | 2.3 | 4.7 | 3.0 | 2.8 | |
| BARDOT | 15.0 | 40.0 | 23.3 | 1.3 | 2.3 | 3.3 | 3.3 | 3.3 | 2.7 | 2.7 | |
| PST-9VN | 15.0 | 46.7 | 46.7 | 1.3 | 2.0 | 3.3 | 3.0 | 3.7 | 2.0 | 2.6 | |
| SR 7150 | 15.0 | 40.0 | 36.7 | 1.3 | 2.3 | 4.0 | 2.7 | 3.3 | 2.0 | 2.6 | |
| LSD VALUE | 23.9 | 22.5 | 32.5 | 3.7 | 1.1 | 1.8 | 2.2 | 1.2 | 2.5 | 0.9 | |
| C.V. (%) | 59.3 | 21.8 | 41.2 | 85.9 | 19.5 | 20.1 | 30.6 | 15.9 | 39.6 | 14.3 | |

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

TABLE 8A.

GENETIC COLOR RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | IA1 | IL1 | IN1 | MA1 | MI1 | MN1 | NE1 | NJ1 | OK1 | PA1 | QE1 | VA1 | WA1 | MEAN |
|-----------------------------|------|-----|-----|------|------|------|------|------|-----|------|-----|-----|-----|------|
| T-1 | 9.0 | 7.3 | 7.3 | 5.7 | 6.0 | 8.7 | 8.0 | 7.0 | 7.7 | 9.0 | 7.0 | 7.0 | 8.0 | 7.5 |
| KINGPIN (9200) | 8.3 | 6.7 | 7.7 | 5.7 | 6.7 | 8.0 | 7.3 | 7.0 | 7.7 | 6.0 | 7.0 | 6.3 | 7.3 | 7.1 |
| ALPHA | 8.3 | 6.3 | 7.3 | 5.0 | 6.0 | 8.0 | 7.0 | 6.0 | 7.7 | 7.3 | 7.0 | 6.7 | 6.7 | 6.9 |
| SR 1119 | 8.7 | 5.7 | 7.7 | 6.0 | 4.0 | 8.0 | 7.3 | 6.0 | 7.7 | 7.7 | 7.0 | 6.0 | 7.3 | 6.8 |
| LS-44 | 8.3 | 7.3 | 8.0 | 6.0 | 6.0 | 6.0 | 7.0 | 5.7 | 6.7 | 7.3 | 7.0 | 6.7 | 6.3 | 6.8 |
| DECLARATION | 8.0 | 6.3 | 7.0 | 5.7 | 7.3 | 6.0 | 6.3 | 5.7 | 7.7 | 6.7 | 6.3 | 7.0 | 7.0 | 6.7 |
| CRYSTAL BLUELINKS (PST-OEB) | 9.0 | 6.0 | 7.0 | 5.3 | 5.7 | 7.0 | 6.7 | 5.3 | 7.7 | 7.0 | 7.0 | 6.0 | 7.0 | 6.7 |
| INDEPENDENCE | 8.7 | 6.0 | 6.7 | 5.7 | 7.0 | 6.3 | 6.7 | 6.3 | 7.0 | 6.0 | 7.0 | 6.3 | 6.7 | 6.6 |
| L-93 | 8.0 | 6.0 | 7.3 | 5.3 | 6.7 | 5.7 | 8.0 | 5.0 | 7.7 | 6.0 | 7.0 | 6.7 | 6.0 | 6.6 |
| PENNLINKS II | 7.0 | 5.7 | 7.3 | 6.0 | 4.0 | 6.0 | 6.7 | 6.3 | 8.0 | 7.7 | 7.0 | 6.3 | 7.0 | 6.5 |
| BENGAL | 8.3 | 6.3 | 7.3 | 6.3 | 5.0 | 5.3 | 7.0 | 5.3 | 7.3 | 6.3 | 6.7 | 6.3 | 7.0 | 6.5 |
| 13-M | 7.7 | 6.0 | 7.3 | 6.0 | 6.7 | 4.7 | 7.3 | 5.7 | 7.0 | 5.3 | 7.0 | 7.3 | 6.7 | 6.5 |
| MACKENZIE (SRX 1GPD) | 7.7 | 7.0 | 7.0 | 6.3 | 5.0 | 5.3 | 7.3 | 5.7 | 6.0 | 6.0 | 7.0 | 6.0 | 7.3 | 6.4 |
| PENNEAGLE II | 7.7 | 5.7 | 7.0 | 5.3 | 6.7 | 5.7 | 6.3 | 5.0 | 7.0 | 7.0 | 7.0 | 6.0 | 7.0 | 6.4 |
| AUTHORITY (235050) | 7.3 | 6.0 | 7.0 | 6.7 | 7.3 | 5.3 | 6.3 | 5.3 | 6.3 | 4.7 | 6.7 | 6.3 | 7.3 | 6.4 |
| SHARK (23R) | 7.7 | 5.7 | 7.0 | 6.7 | 6.0 | 5.3 | 7.3 | 5.3 | 6.7 | 5.0 | 6.7 | 6.3 | 7.0 | 6.4 |
| SR 7150 | 7.3 | 6.0 | 7.7 | 4.3 | 3.3 | 4.3 | 7.7 | 4.0 | 7.3 | 6.7 | 7.0 | 8.0 | 9.0 | 6.4 |
| PST-9VN | 7.7 | 5.7 | 7.7 | 5.3 | 3.3 | 3.3 | 6.3 | 5.3 | 7.7 | 7.0 | 6.7 | 7.3 | 9.0 | 6.3 |
| PENNCROSS | 8.0 | 6.0 | 7.7 | 5.3 | 3.7 | 5.7 | 7.0 | 4.7 | 6.7 | 6.3 | 6.7 | 6.3 | 7.0 | 6.2 |
| RUNNER (IS-AP 14) | 7.7 | 5.0 | 6.7 | 6.7 | 6.7 | 5.0 | 5.7 | 4.7 | 6.3 | 5.3 | 7.0 | 6.7 | 6.7 | 6.2 |
| SR 1150 (SRX 1PDH) | 6.7 | 5.7 | 6.7 | 6.3 | 5.3 | 6.0 | 6.0 | 5.3 | 6.3 | 6.0 | 7.0 | 6.7 | 6.0 | 6.2 |
| GREENTIME (IS-AT 7) | 8.3 | 5.7 | 7.7 | 4.0 | 4.3 | 3.3 | 7.0 | 4.0 | 6.7 | 5.7 | 6.3 | 7.7 | 9.0 | 6.1 |
| PST-9NBC | 7.7 | 5.0 | 7.3 | 4.3 | 3.0 | 3.3 | 7.0 | 4.3 | 7.3 | 6.0 | 6.7 | 8.0 | 9.0 | 6.1 |
| EWTR | 8.0 | 5.3 | 7.7 | 4.3 | 3.3 | 3.7 | 5.7 | 3.7 | 7.3 | 6.0 | 6.7 | 7.3 | 9.0 | 6.0 |
| PRINCEVILLE | 7.3 | 6.0 | 7.7 | 6.0 | 5.7 | 4.0 | 6.3 | 3.7 | 7.0 | 5.0 | 6.7 | 6.7 | 5.7 | 6.0 |
| TIGER II | 7.0 | 5.3 | 7.7 | 4.7 | 3.3 | 3.7 | 6.0 | 4.0 | 7.0 | 5.3 | 6.7 | 7.7 | 9.0 | 5.9 |
| BARDOT | 8.0 | 5.3 | 7.3 | 4.3 | 4.0 | 3.0 | 6.3 | 3.3 | 7.0 | 4.3 | 6.3 | 7.7 | 8.3 | 5.8 |
| SEASIDE | 6.7 | 5.0 | 7.7 | 5.7 | 3.7 | 2.7 | 6.3 | 2.0 | 6.3 | 4.0 | 7.0 | 6.0 | 6.0 | 5.3 |
| LSD VALUE | 1.3 | 0.8 | 0.8 | 1.3 | 1.9 | 1.5 | 1.6 | 1.9 | 0.9 | 1.0 | 0.6 | 1.0 | 0.8 | 0.4 |
| C.V. (%) | 10.3 | 8.6 | 6.8 | 14.9 | 22.3 | 17.2 | 14.5 | 23.9 | 8.3 | 10.5 | 5.5 | 9.0 | 7.1 | 12.3 |

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 8B.

GENETIC COLOR RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | IA1 | IL1 | IN1 | MA1 | MI1 | MN1 | NE1 | NJ1 | OK1 | PA1 | QE1 | VA1 | WA1 | MEAN |
|-----------------------------|------|-----|-----|------|------|------|------|------|-----|------|-----|-----|-----|------|
| T-1 | 9.0 | 7.3 | 7.3 | 5.7 | 6.0 | 8.7 | 8.0 | 7.0 | 7.7 | 9.0 | 7.0 | 7.0 | 8.0 | 7.5 |
| KINGPIN (9200) | 8.3 | 6.7 | 7.7 | 5.7 | 6.7 | 8.0 | 7.3 | 7.0 | 7.7 | 6.0 | 7.0 | 6.3 | 7.3 | 7.1 |
| ALPHA | 8.3 | 6.3 | 7.3 | 5.0 | 6.0 | 8.0 | 7.0 | 6.0 | 7.7 | 7.3 | 7.0 | 6.7 | 6.7 | 6.9 |
| SR 1119 | 8.7 | 5.7 | 7.7 | 6.0 | 4.0 | 8.0 | 7.3 | 6.0 | 7.7 | 7.7 | 7.0 | 6.0 | 7.3 | 6.8 |
| LS-44 | 8.3 | 7.3 | 8.0 | 6.0 | 6.0 | 6.0 | 7.0 | 5.7 | 6.7 | 7.3 | 7.0 | 6.7 | 6.3 | 6.8 |
| DECLARATION | 8.0 | 6.3 | 7.0 | 5.7 | 7.3 | 6.0 | 6.3 | 5.7 | 7.7 | 6.7 | 6.3 | 7.0 | 7.0 | 6.7 |
| CRYSTAL BLUELINKS (PST-OEB) | 9.0 | 6.0 | 7.0 | 5.3 | 5.7 | 7.0 | 6.7 | 5.3 | 7.7 | 7.0 | 7.0 | 6.0 | 7.0 | 6.7 |
| INDEPENDENCE | 8.7 | 6.0 | 6.7 | 5.7 | 7.0 | 6.3 | 6.7 | 6.3 | 7.0 | 6.0 | 7.0 | 6.3 | 6.7 | 6.6 |
| L-93 | 8.0 | 6.0 | 7.3 | 5.3 | 6.7 | 5.7 | 8.0 | 5.0 | 7.7 | 6.0 | 7.0 | 6.7 | 6.0 | 6.6 |
| PENNLINKS II | 7.0 | 5.7 | 7.3 | 6.0 | 4.0 | 6.0 | 6.7 | 6.3 | 8.0 | 7.7 | 7.0 | 6.3 | 7.0 | 6.5 |
| BENGAL | 8.3 | 6.3 | 7.3 | 6.3 | 5.0 | 5.3 | 7.0 | 5.3 | 7.3 | 6.3 | 6.7 | 6.3 | 7.0 | 6.5 |
| 13-M | 7.7 | 6.0 | 7.3 | 6.0 | 6.7 | 4.7 | 7.3 | 5.7 | 7.0 | 5.3 | 7.0 | 7.3 | 6.7 | 6.5 |
| MACKENZIE (SRX 1GPD) | 7.7 | 7.0 | 7.0 | 6.3 | 5.0 | 5.3 | 7.3 | 5.7 | 6.0 | 6.0 | 7.0 | 6.0 | 7.3 | 6.4 |
| PENNEAGLE II | 7.7 | 5.7 | 7.0 | 5.3 | 6.7 | 5.7 | 6.3 | 5.0 | 7.0 | 7.0 | 7.0 | 6.0 | 7.0 | 6.4 |
| AUTHORITY (235050) | 7.3 | 6.0 | 7.0 | 6.7 | 7.3 | 5.3 | 6.3 | 5.3 | 6.3 | 4.7 | 6.7 | 6.3 | 7.3 | 6.4 |
| SHARK (23R) | 7.7 | 5.7 | 7.0 | 6.7 | 6.0 | 5.3 | 7.3 | 5.3 | 6.7 | 5.0 | 6.7 | 6.3 | 7.0 | 6.4 |
| PENNCROSS | 8.0 | 6.0 | 7.7 | 5.3 | 3.7 | 5.7 | 7.0 | 4.7 | 6.7 | 6.3 | 6.7 | 6.3 | 7.0 | 6.2 |
| RUNNER (IS-AP 14) | 7.7 | 5.0 | 6.7 | 6.7 | 6.7 | 5.0 | 5.7 | 4.7 | 6.3 | 5.3 | 7.0 | 6.7 | 6.7 | 6.2 |
| SR 1150 (SRX 1PDH) | 6.7 | 5.7 | 6.7 | 6.3 | 5.3 | 6.0 | 6.0 | 5.3 | 6.3 | 6.0 | 7.0 | 6.7 | 6.0 | 6.2 |
| PRINCEVILLE | 7.3 | 6.0 | 7.7 | 6.0 | 5.7 | 4.0 | 6.3 | 3.7 | 7.0 | 5.0 | 6.7 | 6.7 | 5.7 | 6.0 |
| SEASIDE | 6.7 | 5.0 | 7.7 | 5.7 | 3.7 | 2.7 | 6.3 | 2.0 | 6.3 | 4.0 | 7.0 | 6.0 | 6.0 | 5.3 |
| LSD VALUE | 1.3 | 0.8 | 0.8 | 1.4 | 1.9 | 1.6 | 1.6 | 2.0 | 0.9 | 1.1 | 0.5 | 1.0 | 0.9 | 0.4 |
| C.V. (%) | 10.3 | 8.5 | 6.5 | 14.8 | 20.0 | 17.1 | 14.1 | 23.2 | 8.2 | 11.2 | 4.5 | 9.9 | 8.1 | 12.4 |

TABLE 8C.

GENETIC COLOR RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | IA1 | IL1 | IN1 | MA1 | MI1 | MN1 | NE1 | NJ1 | OK1 | PA1 | QE1 | VA1 | WA1 | MEAN |
|---------------------|------|-----|-----|------|------|------|------|------|-----|-----|-----|-----|-----|------|
| SR 7150 | 7.3 | 6.0 | 7.7 | 4.3 | 3.3 | 4.3 | 7.7 | 4.0 | 7.3 | 6.7 | 7.0 | 8.0 | 9.0 | 6.4 |
| PST-9VN | 7.7 | 5.7 | 7.7 | 5.3 | 3.3 | 3.3 | 6.3 | 5.3 | 7.7 | 7.0 | 6.7 | 7.3 | 9.0 | 6.3 |
| GREENTIME (IS-AT 7) | 8.3 | 5.7 | 7.7 | 4.0 | 4.3 | 3.3 | 7.0 | 4.0 | 6.7 | 5.7 | 6.3 | 7.7 | 9.0 | 6.1 |
| PST-9NBC | 7.7 | 5.0 | 7.3 | 4.3 | 3.0 | 3.3 | 7.0 | 4.3 | 7.3 | 6.0 | 6.7 | 8.0 | 9.0 | 6.1 |
| EWTR | 8.0 | 5.3 | 7.7 | 4.3 | 3.3 | 3.7 | 5.7 | 3.7 | 7.3 | 6.0 | 6.7 | 7.3 | 9.0 | 6.0 |
| TIGER II | 7.0 | 5.3 | 7.7 | 4.7 | 3.3 | 3.7 | 6.0 | 4.0 | 7.0 | 5.3 | 6.7 | 7.7 | 9.0 | 5.9 |
| BARDOT | 8.0 | 5.3 | 7.3 | 4.3 | 4.0 | 3.0 | 6.3 | 3.3 | 7.0 | 4.3 | 6.3 | 7.7 | 8.3 | 5.8 |
| LSD VALUE | 1.3 | 0.8 | 0.9 | 1.1 | 1.9 | 0.9 | 1.6 | 1.8 | 1.0 | 0.7 | 0.9 | 0.8 | 0.7 | 0.3 |
| C.V. (%) | 10.2 | 8.9 | 7.6 | 14.6 | 33.3 | 15.2 | 15.6 | 26.6 | 8.6 | 7.5 | 8.1 | 6.4 | 4.9 | 11.9 |

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

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

TABLE 9A.

SPRING GREENUP RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | IA1 | IL1 | IL3 | IN1 | KY1 | MA1 | MI1 | MN1 | ND1 | NJ1 | NY1 | PA1 | QE1 | MEAN |
|-----------------------------|------|------|------|-----|------|------|------|------|------|------|-----|------|-----|------|
| PST-9NBC | 6.0 | 5.7 | . | 8.0 | 7.7 | 5.0 | 3.0 | 5.7 | 4.7 | 6.3 | 6.7 | 5.7 | 6.7 | 5.9 |
| LS-44 | 7.0 | 6.3 | 7.3 | 6.3 | 7.0 | 4.0 | 5.7 | 4.0 | 3.0 | 5.3 | 6.7 | 8.0 | 4.0 | 5.7 |
| T-1 | 7.0 | 6.7 | 7.0 | 7.0 | 4.7 | 4.0 | 7.0 | 3.0 | 2.3 | 5.0 | 7.0 | 7.7 | 4.3 | 5.6 |
| KINGPIN (9200) | 6.7 | 6.7 | 8.3 | 7.0 | 5.0 | 3.3 | 5.3 | 3.3 | 3.0 | 7.0 | 6.7 | 5.7 | 4.0 | 5.5 |
| CRYSTAL BLUELINKS (PST-OEB) | 7.0 | 6.3 | 8.3 | 7.0 | 4.7 | 3.7 | 6.3 | 4.7 | 2.0 | 4.0 | 7.3 | 6.0 | 4.3 | 5.5 |
| L-93 | 7.0 | 6.0 | 8.0 | 6.7 | 6.3 | 3.7 | 6.7 | 3.3 | 3.0 | 4.0 | 6.7 | 6.3 | 4.0 | 5.5 |
| 13-M | 6.3 | 7.3 | 8.0 | 6.7 | 5.3 | 3.0 | 5.3 | 4.3 | 3.7 | 5.0 | 6.0 | 6.3 | 4.0 | 5.5 |
| PENNCROSS | 5.7 | 5.7 | 5.3 | 7.0 | 8.3 | 2.7 | 4.0 | 9.0 | 5.0 | 1.7 | 7.0 | 5.3 | 4.3 | 5.5 |
| PST-9VN | 6.3 | 4.7 | . | 8.0 | 6.0 | 4.7 | 3.0 | 5.0 | 4.7 | 4.0 | 7.3 | 6.0 | 5.7 | 5.4 |
| BARDOT | 6.3 | 5.7 | . | 7.0 | 7.7 | 4.3 | 3.0 | 5.3 | 4.0 | 3.7 | 7.0 | 5.0 | 6.3 | 5.4 |
| PENNLINKS II | 5.7 | 5.7 | 8.0 | 7.0 | 6.7 | 3.3 | 4.7 | 5.3 | 3.3 | 2.0 | 7.0 | 7.3 | 4.0 | 5.4 |
| SR 1119 | 7.0 | 6.7 | 8.0 | 6.3 | 4.0 | 3.0 | 5.3 | 4.7 | 3.3 | 3.0 | 7.0 | 7.0 | 4.0 | 5.3 |
| EWTR | 7.0 | 7.0 | . | 6.7 | 5.7 | 3.7 | 3.0 | 4.0 | 4.0 | 3.3 | 7.7 | 5.0 | 7.0 | 5.3 |
| GREENTIME (IS-AT 7) | 6.3 | 6.7 | . | 6.7 | 5.3 | 4.0 | 3.3 | 4.7 | 3.3 | 4.0 | 7.0 | 5.0 | 7.0 | 5.3 |
| TIGER II | 6.7 | 6.3 | . | 6.7 | 6.3 | 4.7 | 3.3 | 3.7 | 3.0 | 3.0 | 7.0 | 6.0 | 6.7 | 5.3 |
| MACKENZIE (SRX 1GPD) | 6.3 | 6.0 | 7.0 | 7.0 | 4.3 | 3.3 | 6.3 | 3.7 | 2.0 | 6.3 | 7.0 | 4.3 | 4.0 | 5.2 |
| PENNEAGLE II | 7.0 | 6.7 | 6.3 | 7.0 | 4.3 | 3.0 | 6.3 | 3.3 | 3.0 | 4.3 | 6.3 | 5.7 | 4.3 | 5.2 |
| ALPHA | 7.0 | 6.3 | 6.3 | 6.3 | 5.0 | 4.0 | 6.3 | 3.0 | 1.7 | 5.0 | 6.3 | 6.0 | 4.0 | 5.2 |
| BENGAL | 5.0 | 6.0 | 7.3 | 6.7 | 5.3 | 3.3 | 5.3 | 5.0 | 2.7 | 4.7 | 6.3 | 4.3 | 5.0 | 5.2 |
| AUTHORITY (235050) | 6.3 | 5.7 | 7.3 | 6.0 | 4.7 | 2.7 | 6.3 | 3.7 | 2.3 | 4.3 | 6.7 | 4.7 | 4.0 | 5.0 |
| SR 1150 (SRX 1PDH) | 6.3 | 5.7 | 6.0 | 6.3 | 3.3 | 3.3 | 6.7 | 2.7 | 4.3 | 4.7 | 7.7 | 3.7 | 4.0 | 5.0 |
| SHARK (23R) | 6.0 | 6.7 | 5.0 | 6.7 | 3.7 | 4.0 | 6.3 | 4.7 | 1.3 | 5.3 | 7.3 | 3.3 | 4.0 | 4.9 |
| DECLARATION | 5.3 | 6.7 | 7.3 | 6.0 | 3.7 | 2.7 | 7.0 | 1.7 | 2.0 | 5.7 | 6.3 | 6.0 | 3.7 | 4.9 |
| PRINCEVILLE | 6.3 | 6.3 | 6.0 | 6.3 | 6.0 | 3.0 | 4.0 | 3.3 | 5.0 | 2.7 | 6.3 | 4.7 | 4.0 | 4.9 |
| INDEPENDENCE | 6.0 | 5.7 | 5.0 | 6.0 | 5.0 | 3.3 | 6.7 | 3.0 | 3.7 | 4.0 | 7.3 | 4.0 | 4.0 | 4.9 |
| SR 7150 | 5.7 | 5.7 | . | 7.7 | 5.7 | 4.0 | 3.3 | 2.7 | 2.7 | 3.0 | 7.3 | 5.3 | 5.3 | 4.9 |
| RUNNER (IS-AP 14) | 5.0 | 7.3 | 6.3 | 6.0 | 2.3 | 3.0 | 6.3 | 2.7 | 2.3 | 4.7 | 7.0 | 4.3 | 4.0 | 4.7 |
| SEASIDE | 5.7 | 4.3 | 4.0 | 5.7 | 6.3 | 4.0 | 3.3 | 7.0 | 6.0 | 1.0 | 6.7 | 4.0 | 3.0 | 4.7 |
| LSD VALUE | 1.4 | 1.5 | 2.6 | 1.0 | 2.1 | 1.1 | 1.2 | 1.6 | 1.0 | 2.1 | 0.7 | 1.4 | 0.7 | 0.4 |
| C.V. (%) | 14.1 | 14.7 | 23.7 | 9.2 | 24.4 | 19.7 | 15.1 | 23.8 | 19.2 | 30.6 | 6.7 | 16.4 | 9.4 | 17.7 |

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 9B.

SPRING GREENUP RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | IA1 | IL1 | IL3 | IN1 | KY1 | MA1 | MI1 | MN1 | ND1 | NJ1 | NY1 | PA1 | QE1 | MEAN |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|-----|------|-----|------|
| LS-44 | 7.0 | 6.3 | 7.3 | 6.3 | 7.0 | 4.0 | 5.7 | 4.0 | 3.0 | 5.3 | 6.7 | 8.0 | 4.0 | 5.7 |
| T-1 | 7.0 | 6.7 | 7.0 | 7.0 | 4.7 | 4.0 | 7.0 | 3.0 | 2.3 | 5.0 | 7.0 | 7.7 | 4.3 | 5.6 |
| KINGPIN (9200) | 6.7 | 6.7 | 8.3 | 7.0 | 5.0 | 3.3 | 5.3 | 3.3 | 3.0 | 7.0 | 6.7 | 5.7 | 4.0 | 5.5 |
| CRYSTAL BLUELINKS (PST-OEB) | 7.0 | 6.3 | 8.3 | 7.0 | 4.7 | 3.7 | 6.3 | 4.7 | 2.0 | 4.0 | 7.3 | 6.0 | 4.3 | 5.5 |
| L-93 | 7.0 | 6.0 | 8.0 | 6.7 | 6.3 | 3.7 | 6.7 | 3.3 | 3.0 | 4.0 | 6.7 | 6.3 | 4.0 | 5.5 |
| 13-M | 6.3 | 7.3 | 8.0 | 6.7 | 5.3 | 3.0 | 5.3 | 4.3 | 3.7 | 5.0 | 6.0 | 6.3 | 4.0 | 5.5 |
| PENNCROSS | 5.7 | 5.7 | 5.3 | 7.0 | 8.3 | 2.7 | 4.0 | 9.0 | 5.0 | 1.7 | 7.0 | 5.3 | 4.3 | 5.5 |
| PENNLINKS II | 5.7 | 5.7 | 8.0 | 7.0 | 6.7 | 3.3 | 4.7 | 5.3 | 3.3 | 2.0 | 7.0 | 7.3 | 4.0 | 5.4 |
| SR 1119 | 7.0 | 6.7 | 8.0 | 6.3 | 4.0 | 3.0 | 5.3 | 4.7 | 3.3 | 3.0 | 7.0 | 7.0 | 4.0 | 5.3 |
| MACKENZIE (SRX 1GPD) | 6.3 | 6.0 | 7.0 | 7.0 | 4.3 | 3.3 | 6.3 | 3.7 | 2.0 | 6.3 | 7.0 | 4.3 | 4.0 | 5.2 |
| PENNEAGLE II | 7.0 | 6.7 | 6.3 | 7.0 | 4.3 | 3.0 | 6.3 | 3.3 | 3.0 | 4.3 | 6.3 | 5.7 | 4.3 | 5.2 |
| ALPHA | 7.0 | 6.3 | 6.3 | 6.3 | 5.0 | 4.0 | 6.3 | 3.0 | 1.7 | 5.0 | 6.3 | 6.0 | 4.0 | 5.2 |
| BENGAL | 5.0 | 6.0 | 7.3 | 6.7 | 5.3 | 3.3 | 5.3 | 5.0 | 2.7 | 4.7 | 6.3 | 4.3 | 5.0 | 5.2 |
| AUTHORITY (235050) | 6.3 | 5.7 | 7.3 | 6.0 | 4.7 | 2.7 | 6.3 | 3.7 | 2.3 | 4.3 | 6.7 | 4.7 | 4.0 | 5.0 |
| SR 1150 (SRX 1PDH) | 6.3 | 5.7 | 6.0 | 6.3 | 3.3 | 3.3 | 6.7 | 2.7 | 4.3 | 4.7 | 7.7 | 3.7 | 4.0 | 5.0 |
| SHARK (23R) | 6.0 | 6.7 | 5.0 | 6.7 | 3.7 | 4.0 | 6.3 | 4.7 | 1.3 | 5.3 | 7.3 | 3.3 | 4.0 | 4.9 |
| DECLARATION | 5.3 | 6.7 | 7.3 | 6.0 | 3.7 | 2.7 | 7.0 | 1.7 | 2.0 | 5.7 | 6.3 | 6.0 | 3.7 | 4.9 |
| PRINCEVILLE | 6.3 | 6.3 | 6.0 | 6.3 | 6.0 | 3.0 | 4.0 | 3.3 | 5.0 | 2.7 | 6.3 | 4.7 | 4.0 | 4.9 |
| INDEPENDENCE | 6.0 | 5.7 | 5.0 | 6.0 | 5.0 | 3.3 | 6.7 | 3.0 | 3.7 | 4.0 | 7.3 | 4.0 | 4.0 | 4.9 |
| RUNNER (IS-AP 14) | 5.0 | 7.3 | 6.3 | 6.0 | 2.3 | 3.0 | 6.3 | 2.7 | 2.3 | 4.7 | 7.0 | 4.3 | 4.0 | 4.7 |
| SEASIDE | 5.7 | 4.3 | 4.0 | 5.7 | 6.3 | 4.0 | 3.3 | 7.0 | 6.0 | 1.0 | 6.7 | 4.0 | 3.0 | 4.7 |
| LSD VALUE | 1.4 | 1.4 | 2.6 | 1.1 | 2.1 | 1.1 | 1.4 | 1.7 | 1.0 | 2.1 | 0.8 | 1.5 | 0.6 | 0.4 |
| C.V. (%) | 13.6 | 14.0 | 23.7 | 10.2 | 25.9 | 20.3 | 14.9 | 25.6 | 20.8 | 30.5 | 6.9 | 16.8 | 8.8 | 18.3 |

TABLE 9C.

SPRING GREENUP RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | IA1 | IL1 | IN1 | KY1 | MA1 | MI1 | MN1 | ND1 | NJ1 | NY1 | PA1 | QE1 | MEAN |
|---------------------|------|------|-----|------|------|------|------|------|------|-----|------|-----|------|
| PST-9NBC | 6.0 | 5.7 | 8.0 | 7.7 | 5.0 | 3.0 | 5.7 | 4.7 | 6.3 | 6.7 | 5.7 | 6.7 | 5.9 |
| PST-9VN | 6.3 | 4.7 | 8.0 | 6.0 | 4.7 | 3.0 | 5.0 | 4.7 | 4.0 | 7.3 | 6.0 | 5.7 | 5.4 |
| BARDOT | 6.3 | 5.7 | 7.0 | 7.7 | 4.3 | 3.0 | 5.3 | 4.0 | 3.7 | 7.0 | 5.0 | 6.3 | 5.4 |
| EWTR | 7.0 | 7.0 | 6.7 | 5.7 | 3.7 | 3.0 | 4.0 | 4.0 | 3.3 | 7.7 | 5.0 | 7.0 | 5.3 |
| GREENTIME (IS-AT 7) | 6.3 | 6.7 | 6.7 | 5.3 | 4.0 | 3.3 | 4.7 | 3.3 | 4.0 | 7.0 | 5.0 | 7.0 | 5.3 |
| TIGER II | 6.7 | 6.3 | 6.7 | 6.3 | 4.7 | 3.3 | 3.7 | 3.0 | 3.0 | 7.0 | 6.0 | 6.7 | 5.3 |
| SR 7150 | 5.7 | 5.7 | 7.7 | 5.7 | 4.0 | 3.3 | 2.7 | 2.7 | 3.0 | 7.3 | 5.3 | 5.3 | 4.9 |
| LSD VALUE | 1.6 | 1.6 | 0.7 | 2.1 | 1.3 | 0.6 | 1.3 | 0.9 | 1.9 | 0.7 | 1.3 | 1.0 | 0.4 |
| C.V. (%) | 15.4 | 16.8 | 6.0 | 20.7 | 18.2 | 12.0 | 18.4 | 15.3 | 30.6 | 6.1 | 15.0 | 9.7 | 15.5 |

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 10A. LEAF TEXTURE RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | IA1 | MI1 | QE1 | MEAN |
|-----------------------------|------|-----|-----|------|
| AUTHORITY (235050) | 8.3 | 7.7 | 7.0 | 7.7 |
| MACKENZIE (SRX 1GPD) | 8.0 | 7.3 | 7.0 | 7.4 |
| SHARK (23R) | 7.3 | 7.7 | 7.0 | 7.3 |
| L-93 | 6.7 | 7.7 | 7.0 | 7.1 |
| 13-M | 6.7 | 7.3 | 7.0 | 7.0 |
| ALPHA | 6.7 | 7.3 | 7.0 | 7.0 |
| BENGAL | 7.3 | 6.7 | 7.0 | 7.0 |
| CRYSTAL BLUELINKS (PST-OEB) | 6.3 | 7.3 | 7.3 | 7.0 |
| EWTR | 7.0 | 6.0 | 8.0 | 7.0 |
| KINGPIN (9200) | 6.0 | 8.0 | 7.0 | 7.0 |
| RUNNER (IS-AP 14) | 7.0 | 7.3 | 6.7 | 7.0 |
| LS-44 | 6.7 | 7.0 | 7.0 | 6.9 |
| PST-9VN | 7.0 | 6.7 | 7.0 | 6.9 |
| PENNEAGLE II | 7.0 | 6.7 | 6.7 | 6.8 |
| SR 1119 | 6.7 | 6.7 | 7.0 | 6.8 |
| SR 7150 | 6.0 | 6.7 | 7.7 | 6.8 |
| BARDOT | 6.3 | 6.3 | 7.7 | 6.8 |
| DECLARATION | 6.0 | 7.3 | 7.0 | 6.8 |
| INDEPENDENCE | 6.3 | 7.0 | 7.0 | 6.8 |
| SR 1150 (SRX 1PDH) | 6.3 | 7.0 | 7.0 | 6.8 |
| T-1 | 6.3 | 7.0 | 7.0 | 6.8 |
| GREENTIME (IS-AT 7) | 6.0 | 6.3 | 7.7 | 6.7 |
| PENNLINKS II | 6.0 | 6.7 | 7.0 | 6.6 |
| TIGER II | 6.0 | 6.3 | 7.3 | 6.6 |
| PENNCROSS | 5.7 | 6.3 | 7.0 | 6.3 |
| PRINCEVILLE | 6.0 | 6.0 | 7.0 | 6.3 |
| PST-9NBC | 5.7 | 6.0 | 7.3 | 6.3 |
| SEASIDE | 6.0 | 6.3 | 6.0 | 6.1 |
| LSD VALUE | 1.7 | 0.9 | 0.5 | 0.7 |
| C.V. (%) | 15.8 | 8.5 | 4.4 | 10.4 |

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

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

TABLE 10B. LEAF TEXTURE RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | IA1 | MI1 | QE1 | MEAN |
|-----------------------------|------|-----|-----|------|
| AUTHORITY (235050) | 8.3 | 7.7 | 7.0 | 7.7 |
| MACKENZIE (SRX 1GPD) | 8.0 | 7.3 | 7.0 | 7.4 |
| SHARK (23R) | 7.3 | 7.7 | 7.0 | 7.3 |
| L-93 | 6.7 | 7.7 | 7.0 | 7.1 |
| 13-M | 6.7 | 7.3 | 7.0 | 7.0 |
| ALPHA | 6.7 | 7.3 | 7.0 | 7.0 |
| BENGAL | 7.3 | 6.7 | 7.0 | 7.0 |
| CRYSTAL BLUELINKS (PST-OEB) | 6.3 | 7.3 | 7.3 | 7.0 |
| KINGPIN (9200) | 6.0 | 8.0 | 7.0 | 7.0 |
| RUNNER (IS-AP 14) | 7.0 | 7.3 | 6.7 | 7.0 |
| LS-44 | 6.7 | 7.0 | 7.0 | 6.9 |
| PENNEAGLE II | 7.0 | 6.7 | 6.7 | 6.8 |
| SR 1119 | 6.7 | 6.7 | 7.0 | 6.8 |
| DECLARATION | 6.0 | 7.3 | 7.0 | 6.8 |
| INDEPENDENCE | 6.3 | 7.0 | 7.0 | 6.8 |
| SR 1150 (SRX 1PDH) | 6.3 | 7.0 | 7.0 | 6.8 |
| T-1 | 6.3 | 7.0 | 7.0 | 6.8 |
| PENNLINKS II | 6.0 | 6.7 | 7.0 | 6.6 |
| PENNCROSS | 5.7 | 6.3 | 7.0 | 6.3 |
| PRINCEVILLE | 6.0 | 6.0 | 7.0 | 6.3 |
| SEASIDE | 6.0 | 6.3 | 6.0 | 6.1 |
| LSD VALUE | 1.6 | 1.0 | 0.4 | 0.6 |
| C.V. (%) | 15.2 | 8.7 | 3.1 | 10.1 |

TABLE 10C. LEAF TEXTURE RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | IA1 | MI1 | QE1 | MEAN |
|---------------------|------|-----|-----|------|
| EWTR | 7.0 | 6.0 | 8.0 | 7.0 |
| PST-9VN | 7.0 | 6.7 | 7.0 | 6.9 |
| SR 7150 | 6.0 | 6.7 | 7.7 | 6.8 |
| BARDOT | 6.3 | 6.3 | 7.7 | 6.8 |
| GREENTIME (IS-AT 7) | 6.0 | 6.3 | 7.7 | 6.7 |
| TIGER II | 6.0 | 6.3 | 7.3 | 6.6 |
| PST-9NBC | 5.7 | 6.0 | 7.3 | 6.3 |
| LSD VALUE | 1.8 | 0.8 | 0.8 | 0.7 |
| C.V. (%) | 17.7 | 7.7 | 6.5 | 11.3 |

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

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

TABLE 11A. SPRING DENSITY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | MI1 | ND1 | QE1 | MEAN |
|-----------------------------|------|------|-----|------|
| AUTHORITY (235050) | 7.0 | 6.0 | 6.0 | 6.3 |
| DECLARATION | 7.7 | 5.0 | 6.3 | 6.3 |
| MACKENZIE (SRX 1GPD) | 7.3 | 5.0 | 6.7 | 6.3 |
| PENNEAGLE II | 6.3 | 6.0 | 6.7 | 6.3 |
| SHARK (23R) | 7.3 | 5.7 | 6.0 | 6.3 |
| SR 1150 (SRX 1PDH) | 6.7 | 5.7 | 6.3 | 6.2 |
| 13-M | 7.0 | 5.3 | 6.0 | 6.1 |
| CRYSTAL BLUELINKS (PST-OEB) | 6.0 | 6.0 | 6.3 | 6.1 |
| INDEPENDENCE | 7.0 | 5.0 | 6.3 | 6.1 |
| RUNNER (IS-AP 14) | 7.0 | 5.3 | 6.0 | 6.1 |
| T-1 | 6.7 | 5.0 | 6.3 | 6.0 |
| BENGAL | 6.0 | 5.7 | 6.0 | 5.9 |
| LS-44 | 6.0 | 5.7 | 6.0 | 5.9 |
| L-93 | 6.3 | 5.0 | 6.3 | 5.9 |
| KINGPIN (9200) | 6.0 | 5.3 | 6.0 | 5.8 |
| ALPHA | 5.7 | 5.0 | 6.3 | 5.7 |
| SR 7150 | 3.7 | 5.7 | 7.0 | 5.4 |
| SR 1119 | 5.3 | 5.0 | 6.0 | 5.4 |
| EWTR | 3.3 | 5.7 | 7.0 | 5.3 |
| GREENTIME (IS-AT 7) | 4.0 | 5.0 | 7.0 | 5.3 |
| PENNCROSS | 4.3 | 5.3 | 6.3 | 5.3 |
| PENNLINKS II | 4.3 | 5.7 | 6.0 | 5.3 |
| BARDOT | 3.3 | 5.0 | 7.0 | 5.1 |
| PST-9NBC | 3.0 | 5.7 | 6.7 | 5.1 |
| PRINCEVILLE | 4.3 | 5.0 | 6.0 | 5.1 |
| PST-9VN | 3.7 | 5.3 | 6.3 | 5.1 |
| TIGER II | 3.3 | 5.3 | 6.7 | 5.1 |
| SEASIDE | 3.3 | 6.0 | 5.0 | 4.8 |
| LSD VALUE | 1.4 | 1.2 | 0.8 | 0.7 |
| C.V. (%) | 16.0 | 13.4 | 7.5 | 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 11B. SPRING DENSITY RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | MI1 | ND1 | QE1 | MEAN |
|-----------------------------|------|------|-----|------|
| AUTHORITY (235050) | 7.0 | 6.0 | 6.0 | 6.3 |
| DECLARATION | 7.7 | 5.0 | 6.3 | 6.3 |
| MACKENZIE (SRX 1GPD) | 7.3 | 5.0 | 6.7 | 6.3 |
| PENNEAGLE II | 6.3 | 6.0 | 6.7 | 6.3 |
| SHARK (23R) | 7.3 | 5.7 | 6.0 | 6.3 |
| SR 1150 (SRX 1PDH) | 6.7 | 5.7 | 6.3 | 6.2 |
| 13-M | 7.0 | 5.3 | 6.0 | 6.1 |
| CRYSTAL BLUELINKS (PST-OEB) | 6.0 | 6.0 | 6.3 | 6.1 |
| INDEPENDENCE | 7.0 | 5.0 | 6.3 | 6.1 |
| RUNNER (IS-AP 14) | 7.0 | 5.3 | 6.0 | 6.1 |
| T-1 | 6.7 | 5.0 | 6.3 | 6.0 |
| BENGAL | 6.0 | 5.7 | 6.0 | 5.9 |
| LS-44 | 6.0 | 5.7 | 6.0 | 5.9 |
| L-93 | 6.3 | 5.0 | 6.3 | 5.9 |
| KINGPIN (9200) | 6.0 | 5.3 | 6.0 | 5.8 |
| ALPHA | 5.7 | 5.0 | 6.3 | 5.7 |
| SR 1119 | 5.3 | 5.0 | 6.0 | 5.4 |
| PENNCROSS | 4.3 | 5.3 | 6.3 | 5.3 |
| PENNLINKS II | 4.3 | 5.7 | 6.0 | 5.3 |
| PRINCEVILLE | 4.3 | 5.0 | 6.0 | 5.1 |
| SEASIDE | 3.3 | 6.0 | 5.0 | 4.8 |
| LSD VALUE | 1.5 | 1.1 | 0.7 | 0.7 |
| C.V. (%) | 15.8 | 12.7 | 7.4 | 12.4 |

TABLE 11C. SPRING DENSITY RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | MI1 | ND1 | QE1 | MEAN |
|---------------------|------|------|-----|------|
| SR 7150 | 3.7 | 5.7 | 7.0 | 5.4 |
| EWTR | 3.3 | 5.7 | 7.0 | 5.3 |
| GREENTIME (IS-AT 7) | 4.0 | 5.0 | 7.0 | 5.3 |
| BARDOT | 3.3 | 5.0 | 7.0 | 5.1 |
| PST-9NBC | 3.0 | 5.7 | 6.7 | 5.1 |
| PST-9VN | 3.7 | 5.3 | 6.3 | 5.1 |
| TIGER II | 3.3 | 5.3 | 6.7 | 5.1 |
| LSD VALUE | 0.8 | 1.3 | 0.9 | 0.6 |
| C.V. (%) | 14.0 | 15.2 | 7.8 | 12.1 |

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 12A.

SUMMER DENSITY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | IL1 | MA1 | MN1 | ND1 | NE1 | OK1 | PA1 | QE1 | WA1 | MEAN |
|-----------------------------|------|------|------|------|-----|------|------|-----|-----|------|
| DECLARATION | 8.0 | 5.3 | 6.3 | 5.3 | 9.0 | 7.7 | 8.7 | 7.0 | 8.3 | 7.3 |
| 13-M | 8.0 | 6.0 | 7.0 | 5.0 | 9.0 | 7.0 | 7.3 | 7.0 | 7.0 | 7.0 |
| CRYSTAL BLUELINKS (PST-OEB) | 8.0 | 5.3 | 6.7 | 4.7 | 9.0 | 7.3 | 7.3 | 7.0 | 7.7 | 7.0 |
| ALPHA | 7.7 | 6.3 | 6.0 | 5.0 | 8.3 | 7.3 | 7.0 | 7.0 | 8.0 | 7.0 |
| PENNEAGLE II | 7.7 | 6.0 | 7.3 | 4.7 | 9.0 | 7.0 | 6.7 | 7.0 | 7.3 | 7.0 |
| AUTHORITY (235050) | 7.3 | 4.3 | 6.3 | 5.7 | 8.7 | 6.7 | 8.3 | 7.0 | 8.0 | 6.9 |
| LS-44 | 7.3 | 7.0 | 5.3 | 5.0 | 9.0 | 7.3 | 7.0 | 7.0 | 7.3 | 6.9 |
| MACKENZIE (SRX 1GPD) | 8.0 | 5.0 | 6.3 | 4.3 | 9.0 | 7.0 | 8.0 | 7.0 | 7.7 | 6.9 |
| T-1 | 8.0 | 6.3 | 6.3 | 5.0 | 8.7 | 5.3 | 7.7 | 7.0 | 8.0 | 6.9 |
| SR 1150 (SRX 1PDH) | 7.7 | 5.3 | 6.3 | 5.0 | 9.0 | 6.3 | 8.0 | 6.7 | 7.7 | 6.9 |
| KINGPIN (9200) | 8.0 | 4.7 | 6.7 | 3.7 | 8.3 | 7.7 | 8.0 | 7.0 | 7.3 | 6.8 |
| L-93 | 7.0 | 6.0 | 6.0 | 5.3 | 9.0 | 7.7 | 6.3 | 7.0 | 7.0 | 6.8 |
| SHARK (23R) | 8.3 | 4.7 | 5.7 | 3.3 | 9.0 | 7.0 | 8.3 | 6.7 | 8.0 | 6.8 |
| SR 1119 | 7.7 | 5.0 | 6.3 | 4.3 | 9.0 | 7.0 | 6.7 | 7.0 | 7.3 | 6.7 |
| RUNNER (IS-AP 14) | 7.3 | 4.3 | 5.7 | 4.0 | 8.3 | 7.0 | 7.3 | 7.0 | 7.7 | 6.5 |
| BENGAL | 7.7 | 4.3 | 6.0 | 4.7 | 8.7 | 7.0 | 6.3 | 6.7 | 7.0 | 6.5 |
| INDEPENDENCE | 7.3 | 5.0 | 6.0 | 4.7 | 7.3 | 6.7 | 6.3 | 7.0 | 7.7 | 6.4 |
| PRINCEVILLE | 6.7 | 6.3 | 4.7 | 5.0 | 8.7 | 7.3 | 4.7 | 6.3 | 5.7 | 6.1 |
| PENNLINKS II | 6.0 | 5.7 | 5.7 | 4.7 | 8.7 | 5.7 | 5.3 | 7.0 | 6.3 | 6.1 |
| PST-9NBC | 6.3 | 5.7 | 6.0 | 4.3 | 9.0 | 7.3 | 3.3 | 7.0 | 6.0 | 6.1 |
| EWTR | 5.7 | 5.3 | 5.0 | 4.7 | 9.0 | 6.3 | 5.0 | 7.3 | 6.0 | 6.0 |
| PENNCROSS | 5.0 | 7.0 | 4.7 | 5.0 | 8.7 | 6.3 | 4.0 | 7.0 | 6.3 | 6.0 |
| SR 7150 | 5.0 | 5.7 | 5.0 | 4.3 | 9.0 | 7.7 | 4.0 | 7.0 | 5.7 | 5.9 |
| BARDOT | 6.0 | 5.0 | 5.3 | 4.7 | 9.0 | 6.0 | 3.7 | 7.0 | 6.0 | 5.9 |
| TIGER II | 6.0 | 5.0 | 5.0 | 4.3 | 9.0 | 5.3 | 4.7 | 7.0 | 6.0 | 5.8 |
| GREENTIME (IS-AT 7) | 5.7 | 5.7 | 4.3 | 4.7 | 8.7 | 5.7 | 4.3 | 7.0 | 6.0 | 5.8 |
| PST-9VN | 4.3 | 6.3 | 3.3 | 4.3 | 9.0 | 6.0 | 3.0 | 7.0 | 6.3 | 5.5 |
| SEASIDE | 4.0 | 5.7 | 2.3 | 4.7 | 9.0 | 5.3 | 1.7 | 6.0 | 3.0 | 4.6 |
| LSD VALUE | 1.1 | 1.6 | 1.8 | 1.4 | 0.9 | 1.4 | 1.1 | 0.7 | 0.7 | 0.4 |
| C.V. (%) | 10.3 | 18.5 | 20.2 | 18.9 | 6.3 | 12.7 | 11.4 | 5.9 | 6.2 | 12.1 |

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 12B.

SUMMER DENSITY RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

| NAME | DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/ | | | | | | | | | MEAN |
|-----------------------------|---|------|------|------|-----|------|-----|-----|-----|------|
| | IL1 | MA1 | MN1 | ND1 | NE1 | OK1 | PA1 | QE1 | WA1 | |
| DECLARATION | 8.0 | 5.3 | 6.3 | 5.3 | 9.0 | 7.7 | 8.7 | 7.0 | 8.3 | 7.3 |
| 13-M | 8.0 | 6.0 | 7.0 | 5.0 | 9.0 | 7.0 | 7.3 | 7.0 | 7.0 | 7.0 |
| CRYSTAL BLUELINKS (PST-OEB) | 8.0 | 5.3 | 6.7 | 4.7 | 9.0 | 7.3 | 7.3 | 7.0 | 7.7 | 7.0 |
| ALPHA | 7.7 | 6.3 | 6.0 | 5.0 | 8.3 | 7.3 | 7.0 | 7.0 | 8.0 | 7.0 |
| PENNEAGLE II | 7.7 | 6.0 | 7.3 | 4.7 | 9.0 | 7.0 | 6.7 | 7.0 | 7.3 | 7.0 |
| AUTHORITY (235050) | 7.3 | 4.3 | 6.3 | 5.7 | 8.7 | 6.7 | 8.3 | 7.0 | 8.0 | 6.9 |
| LS-44 | 7.3 | 7.0 | 5.3 | 5.0 | 9.0 | 7.3 | 7.0 | 7.0 | 7.3 | 6.9 |
| MACKENZIE (SRX 1GPD) | 8.0 | 5.0 | 6.3 | 4.3 | 9.0 | 7.0 | 8.0 | 7.0 | 7.7 | 6.9 |
| T-1 | 8.0 | 6.3 | 6.3 | 5.0 | 8.7 | 5.3 | 7.7 | 7.0 | 8.0 | 6.9 |
| SR 1150 (SRX 1PDH) | 7.7 | 5.3 | 6.3 | 5.0 | 9.0 | 6.3 | 8.0 | 6.7 | 7.7 | 6.9 |
| KINGPIN (9200) | 8.0 | 4.7 | 6.7 | 3.7 | 8.3 | 7.7 | 8.0 | 7.0 | 7.3 | 6.8 |
| L-93 | 7.0 | 6.0 | 6.0 | 5.3 | 9.0 | 7.7 | 6.3 | 7.0 | 7.0 | 6.8 |
| SHARK (23R) | 8.3 | 4.7 | 5.7 | 3.3 | 9.0 | 7.0 | 8.3 | 6.7 | 8.0 | 6.8 |
| SR 1119 | 7.7 | 5.0 | 6.3 | 4.3 | 9.0 | 7.0 | 6.7 | 7.0 | 7.3 | 6.7 |
| RUNNER (IS-AP 14) | 7.3 | 4.3 | 5.7 | 4.0 | 8.3 | 7.0 | 7.3 | 7.0 | 7.7 | 6.5 |
| BENGAL | 7.7 | 4.3 | 6.0 | 4.7 | 8.7 | 7.0 | 6.3 | 6.7 | 7.0 | 6.5 |
| INDEPENDENCE | 7.3 | 5.0 | 6.0 | 4.7 | 7.3 | 6.7 | 6.3 | 7.0 | 7.7 | 6.4 |
| PRINCEVILLE | 6.7 | 6.3 | 4.7 | 5.0 | 8.7 | 7.3 | 4.7 | 6.3 | 5.7 | 6.1 |
| PENNLINKS II | 6.0 | 5.7 | 5.7 | 4.7 | 8.7 | 5.7 | 5.3 | 7.0 | 6.3 | 6.1 |
| PENNCROSS | 5.0 | 7.0 | 4.7 | 5.0 | 8.7 | 6.3 | 4.0 | 7.0 | 6.3 | 6.0 |
| SEASIDE | 4.0 | 5.7 | 2.3 | 4.7 | 9.0 | 5.3 | 1.7 | 6.0 | 3.0 | 4.6 |
| LSD VALUE | 1.2 | 1.7 | 1.8 | 1.4 | 1.0 | 1.3 | 1.1 | 0.4 | 0.7 | 0.4 |
| C.V. (%) | 10.3 | 18.7 | 18.7 | 18.7 | 7.2 | 11.8 | 9.8 | 3.7 | 6.3 | 11.6 |

TABLE 12C.

SUMMER DENSITY RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

| NAME | DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/ | | | | | | | | | MEAN |
|---------------------|---|------|------|------|-----|------|------|-----|-----|------|
| | IL1 | MA1 | MN1 | ND1 | NE1 | OK1 | PA1 | QE1 | WA1 | |
| PST-9NBC | 6.3 | 5.7 | 6.0 | 4.3 | 9.0 | 7.3 | 3.3 | 7.0 | 6.0 | 6.1 |
| EWTR | 5.7 | 5.3 | 5.0 | 4.7 | 9.0 | 6.3 | 5.0 | 7.3 | 6.0 | 6.0 |
| SR 7150 | 5.0 | 5.7 | 5.0 | 4.3 | 9.0 | 7.7 | 4.0 | 7.0 | 5.7 | 5.9 |
| BARDOT | 6.0 | 5.0 | 5.3 | 4.7 | 9.0 | 6.0 | 3.7 | 7.0 | 6.0 | 5.9 |
| TIGER II | 6.0 | 5.0 | 5.0 | 4.3 | 9.0 | 5.3 | 4.7 | 7.0 | 6.0 | 5.8 |
| GREENTIME (IS-AT 7) | 5.7 | 5.7 | 4.3 | 4.7 | 8.7 | 5.7 | 4.3 | 7.0 | 6.0 | 5.8 |
| PST-9VN | 4.3 | 6.3 | 3.3 | 4.3 | 9.0 | 6.0 | 3.0 | 7.0 | 6.3 | 5.5 |
| LSD VALUE | 0.9 | 1.6 | 2.0 | 1.4 | 0.4 | 1.6 | 1.3 | 1.1 | 0.5 | 0.4 |
| C.V. (%) | 10.4 | 17.7 | 25.8 | 19.5 | 2.4 | 15.4 | 19.7 | 9.8 | 5.1 | 13.7 |

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 13A. FALL DENSITY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | MI1 | ND1 | NE1 | NJ1 | QE1 | MEAN |
|-----------------------------|-----|------|-----|------|-----|------|
| AUTHORITY (235050) | 8.0 | 6.0 | 9.0 | 6.7 | 7.3 | 7.4 |
| DECLARATION | 8.0 | 5.0 | 9.0 | 7.3 | 7.0 | 7.3 |
| SHARK (23R) | 7.7 | 5.3 | 8.7 | 7.3 | 7.0 | 7.2 |
| 13-M | 7.3 | 5.7 | 9.0 | 7.3 | 6.3 | 7.1 |
| MACKENZIE (SRX 1GPD) | 7.3 | 5.0 | 9.0 | 7.3 | 6.3 | 7.0 |
| PST-9NBC | 6.7 | 5.0 | 9.0 | 7.3 | 7.0 | 7.0 |
| KINGPIN (9200) | 7.7 | 5.0 | 9.0 | 7.0 | 6.0 | 6.9 |
| T-1 | 8.0 | 4.7 | 9.0 | 6.7 | 6.3 | 6.9 |
| BARDOT | 6.7 | 5.3 | 9.0 | 6.7 | 6.0 | 6.7 |
| EWTR | 6.7 | 5.3 | 8.3 | 6.3 | 7.0 | 6.7 |
| SR 1150 (SRX 1PDH) | 7.0 | 5.0 | 9.0 | 6.0 | 6.3 | 6.7 |
| TIGER II | 6.7 | 5.3 | 8.0 | 6.7 | 6.7 | 6.7 |
| CRYSTAL BLUELINKS (PST-OEB) | 7.7 | 5.0 | 8.7 | 5.3 | 6.3 | 6.6 |
| INDEPENDENCE | 7.0 | 5.0 | 8.7 | 6.0 | 6.3 | 6.6 |
| BENGAL | 6.7 | 5.0 | 9.0 | 5.7 | 6.3 | 6.5 |
| GREENTIME (IS-AT 7) | 6.7 | 4.3 | 8.7 | 7.0 | 6.0 | 6.5 |
| LS-44 | 7.0 | 5.3 | 9.0 | 5.0 | 6.3 | 6.5 |
| PENNEAGLE II | 7.0 | 5.0 | 8.7 | 5.0 | 6.7 | 6.5 |
| ALPHA | 6.7 | 4.7 | 9.0 | 5.0 | 6.7 | 6.4 |
| L-93 | 7.0 | 5.0 | 9.0 | 4.7 | 6.3 | 6.4 |
| PENNLINKS II | 6.3 | 5.7 | 9.0 | 4.3 | 6.7 | 6.4 |
| PST-9VN | 6.0 | 5.0 | 8.7 | 5.7 | 6.7 | 6.4 |
| RUNNER (IS-AP 14) | 7.0 | 5.0 | 7.7 | 5.7 | 6.7 | 6.4 |
| SR 7150 | 6.7 | 5.0 | 8.0 | 5.7 | 6.7 | 6.4 |
| SR 1119 | 6.3 | 5.0 | 8.7 | 4.0 | 6.3 | 6.1 |
| PRINCEVILLE | 6.3 | 5.7 | 8.7 | 3.3 | 6.3 | 6.1 |
| PENNCROSS | 6.7 | 5.0 | 9.0 | 2.0 | 6.3 | 5.8 |
| SEASIDE | 6.7 | 4.7 | 8.3 | 1.0 | 6.0 | 5.3 |
| LSD VALUE | 1.0 | 1.1 | 0.8 | 1.4 | 0.8 | 0.5 |
| C.V. (%) | 8.6 | 12.8 | 5.6 | 15.0 | 7.5 | 9.5 |

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 13B. FALL DENSITY RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | MI1 | ND1 | NE1 | NJ1 | QE1 | MEAN |
|-----------------------------|-----|------|-----|------|-----|------|
| AUTHORITY (235050) | 8.0 | 6.0 | 9.0 | 6.7 | 7.3 | 7.4 |
| DECLARATION | 8.0 | 5.0 | 9.0 | 7.3 | 7.0 | 7.3 |
| SHARK (23R) | 7.7 | 5.3 | 8.7 | 7.3 | 7.0 | 7.2 |
| 13-M | 7.3 | 5.7 | 9.0 | 7.3 | 6.3 | 7.1 |
| MACKENZIE (SRX 1GPD) | 7.3 | 5.0 | 9.0 | 7.3 | 6.3 | 7.0 |
| KINGPIN (9200) | 7.7 | 5.0 | 9.0 | 7.0 | 6.0 | 6.9 |
| T-1 | 8.0 | 4.7 | 9.0 | 6.7 | 6.3 | 6.9 |
| SR 1150 (SRX 1PDH) | 7.0 | 5.0 | 9.0 | 6.0 | 6.3 | 6.7 |
| CRYSTAL BLUELINKS (PST-OEB) | 7.7 | 5.0 | 8.7 | 5.3 | 6.3 | 6.6 |
| INDEPENDENCE | 7.0 | 5.0 | 8.7 | 6.0 | 6.3 | 6.6 |
| BENGAL | 6.7 | 5.0 | 9.0 | 5.7 | 6.3 | 6.5 |
| LS-44 | 7.0 | 5.3 | 9.0 | 5.0 | 6.3 | 6.5 |
| PENNEAGLE II | 7.0 | 5.0 | 8.7 | 5.0 | 6.7 | 6.5 |
| ALPHA | 6.7 | 4.7 | 9.0 | 5.0 | 6.7 | 6.4 |
| L-93 | 7.0 | 5.0 | 9.0 | 4.7 | 6.3 | 6.4 |
| PENNLINKS II | 6.3 | 5.7 | 9.0 | 4.3 | 6.7 | 6.4 |
| RUNNER (IS-AP 14) | 7.0 | 5.0 | 7.7 | 5.7 | 6.7 | 6.4 |
| SR 1119 | 6.3 | 5.0 | 8.7 | 4.0 | 6.3 | 6.1 |
| PRINCEVILLE | 6.3 | 5.7 | 8.7 | 3.3 | 6.3 | 6.1 |
| PENNCROSS | 6.7 | 5.0 | 9.0 | 2.0 | 6.3 | 5.8 |
| SEASIDE | 6.7 | 4.7 | 8.3 | 1.0 | 6.0 | 5.3 |
| LSD VALUE | 1.0 | 1.0 | 0.6 | 1.4 | 0.8 | 0.4 |
| C.V. (%) | 8.7 | 11.8 | 4.0 | 15.8 | 8.0 | 9.3 |

TABLE 13C. FALL DENSITY RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | MI1 | ND1 | NE1 | NJ1 | QE1 | MEAN |
|---------------------|-----|------|-----|------|-----|------|
| PST-9NBC | 6.7 | 5.0 | 9.0 | 7.3 | 7.0 | 7.0 |
| BARDOT | 6.7 | 5.3 | 9.0 | 6.7 | 6.0 | 6.7 |
| EWTR | 6.7 | 5.3 | 8.3 | 6.3 | 7.0 | 6.7 |
| TIGER II | 6.7 | 5.3 | 8.0 | 6.7 | 6.7 | 6.7 |
| GREENTIME (IS-AT 7) | 6.7 | 4.3 | 8.7 | 7.0 | 6.0 | 6.5 |
| PST-9VN | 6.0 | 5.0 | 8.7 | 5.7 | 6.7 | 6.4 |
| SR 7150 | 6.7 | 5.0 | 8.0 | 5.7 | 6.7 | 6.4 |
| LSD VALUE | 0.9 | 1.3 | 1.2 | 1.4 | 0.6 | 0.5 |
| C.V. (%) | 8.1 | 15.6 | 8.9 | 13.1 | 5.8 | 10.3 |

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

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

TABLE 14A. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

| PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/ | | | | |
|---|------|------|------|------|
| NAME | MI1 | ND1 | OK1 | MEAN |
| SR 1150 (SRX 1PDH) | 95.7 | 87.7 | 98.3 | 93.9 |
| AUTHORITY (235050) | 94.0 | 86.3 | 98.0 | 92.8 |
| LS-44 | 93.3 | 85.0 | 97.7 | 92.0 |
| 13-M | 95.7 | 80.0 | 98.7 | 91.4 |
| KINGPIN (9200) | 93.3 | 80.0 | 98.7 | 90.7 |
| INDEPENDENCE | 95.7 | 76.7 | 98.3 | 90.2 |
| T-1 | 95.0 | 78.3 | 97.3 | 90.2 |
| DECLARATION | 96.7 | 75.0 | 98.7 | 90.1 |
| CRYSTAL BLUELINKS (PST-OEB) | 91.7 | 80.0 | 98.3 | 90.0 |
| SHARK (23R) | 96.3 | 75.0 | 98.7 | 90.0 |
| MACKENZIE (SRX 1GPD) | 95.0 | 76.7 | 97.7 | 89.8 |
| BENGAL | 90.0 | 81.3 | 98.0 | 89.8 |
| L-93 | 96.3 | 75.0 | 98.0 | 89.8 |
| PENNEAGLE II | 95.0 | 76.7 | 97.3 | 89.7 |
| RUNNER (IS-AP 14) | 94.0 | 73.3 | 98.7 | 88.7 |
| ALPHA | 91.7 | 75.0 | 99.0 | 88.6 |
| SR 1119 | 88.3 | 78.3 | 96.3 | 87.7 |
| PRINCEVILLE | 75.0 | 88.3 | 96.7 | 86.7 |
| TIGER II | 85.0 | 75.0 | 97.3 | 85.8 |
| SEASIDE | 71.7 | 91.3 | 94.0 | 85.7 |
| PENNLINKS II | 75.0 | 83.3 | 97.7 | 85.3 |
| PENNCROSS | 75.0 | 80.0 | 96.7 | 83.9 |
| GREENTIME (IS-AT 7) | 76.7 | 75.0 | 95.7 | 82.4 |
| SR 7150 | 63.3 | 80.0 | 96.3 | 79.9 |
| PST-9NBC | 63.3 | 78.3 | 96.3 | 79.3 |
| EWTR | 60.0 | 78.3 | 97.7 | 78.7 |
| BARDOT | 53.3 | 83.3 | 97.3 | 78.0 |
| PST-9VN | 53.3 | 85.0 | 94.3 | 77.6 |
| LSD VALUE | 17.7 | 12.4 | 2.2 | 7.2 |
| C.V. (%) | 13.1 | 9.6 | 1.4 | 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 14B. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

| PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/ | | | | |
|---|------|------|------|------|
| NAME | MI1 | ND1 | OK1 | MEAN |
| SR 1150 (SRX 1PDH) | 95.7 | 87.7 | 98.3 | 93.9 |
| AUTHORITY (235050) | 94.0 | 86.3 | 98.0 | 92.8 |
| LS-44 | 93.3 | 85.0 | 97.7 | 92.0 |
| 13-M | 95.7 | 80.0 | 98.7 | 91.4 |
| KINGPIN (9200) | 93.3 | 80.0 | 98.7 | 90.7 |
| INDEPENDENCE | 95.7 | 76.7 | 98.3 | 90.2 |
| T-1 | 95.0 | 78.3 | 97.3 | 90.2 |
| DECLARATION | 96.7 | 75.0 | 98.7 | 90.1 |
| CRYSTAL BLUELINKS (PST-OEB) | 91.7 | 80.0 | 98.3 | 90.0 |
| SHARK (23R) | 96.3 | 75.0 | 98.7 | 90.0 |
| MACKENZIE (SRX 1GPD) | 95.0 | 76.7 | 97.7 | 89.8 |
| BENGAL | 90.0 | 81.3 | 98.0 | 89.8 |
| L-93 | 96.3 | 75.0 | 98.0 | 89.8 |
| PENNEAGLE II | 95.0 | 76.7 | 97.3 | 89.7 |
| RUNNER (IS-AP 14) | 94.0 | 73.3 | 98.7 | 88.7 |
| ALPHA | 91.7 | 75.0 | 99.0 | 88.6 |
| SR 1119 | 88.3 | 78.3 | 96.3 | 87.7 |
| PRINCEVILLE | 75.0 | 88.3 | 96.7 | 86.7 |
| SEASIDE | 71.7 | 91.3 | 94.0 | 85.7 |
| PENNLINKS II | 75.0 | 83.3 | 97.7 | 85.3 |
| PENNCROSS | 75.0 | 80.0 | 96.7 | 83.9 |
| LSD VALUE | 14.7 | 12.9 | 1.5 | 6.6 |
| C.V. (%) | 10.1 | 10.0 | 1.0 | 7.9 |

TABLE 14C. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

| PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/ | | | | |
|---|------|------|------|------|
| NAME | MI1 | ND1 | OK1 | MEAN |
| TIGER II | 85.0 | 75.0 | 97.3 | 85.8 |
| GREENTIME (IS-AT 7) | 76.7 | 75.0 | 95.7 | 82.4 |
| SR 7150 | 63.3 | 80.0 | 96.3 | 79.9 |
| PST-9NBC | 63.3 | 78.3 | 96.3 | 79.3 |
| EWTR | 60.0 | 78.3 | 97.7 | 78.7 |
| BARDOT | 53.3 | 83.3 | 97.3 | 78.0 |
| PST-9VN | 53.3 | 85.0 | 94.3 | 77.6 |
| LSD VALUE | 24.6 | 10.5 | 3.6 | 9.0 |
| C.V. (%) | 23.6 | 8.3 | 2.3 | 12.1 |

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 15A. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

| NAME | ND1 | OK1 | MEAN |
|-----------------------------|------|------|------|
| ALPHA | 99.0 | 97.0 | 98.0 |
| L-93 | 99.0 | 96.3 | 97.7 |
| CRYSTAL BLUELINKS (PST-OEB) | 97.7 | 97.3 | 97.5 |
| PRINCEVILLE | 99.0 | 95.7 | 97.3 |
| SEASIDE | 97.7 | 96.3 | 97.0 |
| BENGAL | 97.7 | 96.0 | 96.8 |
| KINGPIN (9200) | 96.3 | 97.3 | 96.8 |
| T-1 | 97.7 | 95.7 | 96.7 |
| SR 7150 | 96.3 | 96.7 | 96.5 |
| MACKENZIE (SRX 1GPD) | 96.3 | 96.3 | 96.3 |
| PENNEAGLE II | 96.3 | 96.3 | 96.3 |
| LS-44 | 96.3 | 96.0 | 96.2 |
| AUTHORITY (235050) | 96.3 | 95.7 | 96.0 |
| SR 1119 | 97.7 | 94.3 | 96.0 |
| 13-M | 94.7 | 96.0 | 95.3 |
| BARDOT | 95.0 | 95.7 | 95.3 |
| INDEPENDENCE | 96.0 | 94.7 | 95.3 |
| PST-9VN | 97.7 | 92.7 | 95.2 |
| PENNLINKS II | 97.7 | 92.3 | 95.0 |
| PENNCROSS | 95.0 | 94.7 | 94.8 |
| TIGER II | 96.3 | 93.3 | 94.8 |
| SR 1150 (SRX 1PDH) | 93.0 | 96.3 | 94.7 |
| GREENTIME (IS-AT 7) | 96.3 | 92.3 | 94.3 |
| RUNNER (IS-AP 14) | 93.3 | 95.0 | 94.2 |
| EWTR | 94.7 | 93.3 | 94.0 |
| PST-9NBC | 94.7 | 93.0 | 93.8 |
| SHARK (23R) | 91.7 | 96.0 | 93.8 |
| DECLARATION | 93.3 | 94.0 | 93.7 |
| LSD VALUE | 5.0 | 4.4 | 3.3 |
| C.V. (%) | 3.2 | 2.9 | 3.1 |

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 15B. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

| NAME | ND1 | OK1 | MEAN |
|-----------------------------|------|------|------|
| ALPHA | 99.0 | 97.0 | 98.0 |
| L-93 | 99.0 | 96.3 | 97.7 |
| CRYSTAL BLUELINKS (PST-OEB) | 97.7 | 97.3 | 97.5 |
| PRINCEVILLE | 99.0 | 95.7 | 97.3 |
| SEASIDE | 97.7 | 96.3 | 97.0 |
| BENGAL | 97.7 | 96.0 | 96.8 |
| KINGPIN (9200) | 96.3 | 97.3 | 96.8 |
| T-1 | 97.7 | 95.7 | 96.7 |
| MACKENZIE (SRX 1GPD) | 96.3 | 96.3 | 96.3 |
| PENNEAGLE II | 96.3 | 96.3 | 96.3 |
| LS-44 | 96.3 | 96.0 | 96.2 |
| AUTHORITY (235050) | 96.3 | 95.7 | 96.0 |
| SR 1119 | 97.7 | 94.3 | 96.0 |
| 13-M | 94.7 | 96.0 | 95.3 |
| INDEPENDENCE | 96.0 | 94.7 | 95.3 |
| PENNLINKS II | 97.7 | 92.3 | 95.0 |
| PENNCROSS | 95.0 | 94.7 | 94.8 |
| SR 1150 (SRX 1PDH) | 93.0 | 96.3 | 94.7 |
| RUNNER (IS-AP 14) | 93.3 | 95.0 | 94.2 |
| SHARK (23R) | 91.7 | 96.0 | 93.8 |
| DECLARATION | 93.3 | 94.0 | 93.7 |
| LSD VALUE | 5.1 | 3.1 | 3.0 |
| C.V. (%) | 3.3 | 2.0 | 2.7 |

TABLE 15C. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

| NAME | ND1 | OK1 | MEAN |
|---------------------|------|------|------|
| SR 7150 | 96.3 | 96.7 | 96.5 |
| BARDOT | 95.0 | 95.7 | 95.3 |
| PST-9VN | 97.7 | 92.7 | 95.2 |
| TIGER II | 96.3 | 93.3 | 94.8 |
| GREENTIME (IS-AT 7) | 96.3 | 92.3 | 94.3 |
| EWTR | 94.7 | 93.3 | 94.0 |
| PST-9NBC | 94.7 | 93.0 | 93.8 |
| LSD VALUE | 4.8 | 6.9 | 4.2 |
| C.V. (%) | 3.1 | 4.6 | 3.9 |

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 16A. PERCENT LIVING GROUND COVER (FALL) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

| PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/ | | | | |
|---|------|------|------|------|
| NAME | MA1 | MI1 | ND1 | MEAN |
| 13-M | 85.0 | 83.3 | 97.7 | 88.7 |
| DECLARATION | 73.3 | 90.0 | 97.7 | 87.0 |
| RUNNER (IS-AP 14) | 85.0 | 76.7 | 97.7 | 86.4 |
| AUTHORITY (235050) | 73.3 | 86.7 | 99.0 | 86.3 |
| EWTR | 78.3 | 78.3 | 97.7 | 84.8 |
| SHARK (23R) | 75.0 | 80.0 | 97.7 | 84.2 |
| MACKENZIE (SRX 1GPD) | 81.7 | 71.7 | 99.0 | 84.1 |
| KINGPIN (9200) | 75.0 | 78.3 | 99.0 | 84.1 |
| PST-9NBC | 80.0 | 73.3 | 97.7 | 83.7 |
| CRYSTAL BLUELINKS (PST-OEB) | 73.3 | 75.0 | 99.0 | 82.4 |
| GREENTIME (IS-AT 7) | 75.0 | 73.3 | 99.0 | 82.4 |
| T-1 | 71.7 | 76.7 | 99.0 | 82.4 |
| SR 1150 (SRX 1PDH) | 75.0 | 73.3 | 97.7 | 82.0 |
| L-93 | 66.7 | 80.0 | 99.0 | 81.9 |
| TIGER II | 78.3 | 68.3 | 99.0 | 81.9 |
| PST-9VN | 78.3 | 66.7 | 99.0 | 81.3 |
| PENNEAGLE II | 75.0 | 70.0 | 97.7 | 80.9 |
| SR 1119 | 70.0 | 73.3 | 99.0 | 80.8 |
| PENNLINKS II | 68.3 | 73.3 | 99.0 | 80.2 |
| BENGAL | 63.3 | 75.0 | 99.0 | 79.1 |
| SR 7150 | 73.3 | 65.0 | 99.0 | 79.1 |
| LS-44 | 66.7 | 70.0 | 97.7 | 78.1 |
| ALPHA | 66.7 | 66.7 | 99.0 | 77.4 |
| BARDOT | 76.7 | 56.7 | 99.0 | 77.4 |
| INDEPENDENCE | 60.0 | 71.7 | 99.0 | 76.9 |
| SEASIDE | 56.7 | 70.0 | 99.0 | 75.2 |
| PRINCEVILLE | 71.7 | 53.3 | 99.0 | 74.7 |
| PENNCROSS | 51.7 | 63.3 | 97.7 | 70.9 |
| LSD VALUE | 13.4 | 12.4 | 2.2 | 6.1 |
| C.V. (%) | 11.5 | 10.6 | 1.4 | 8.1 |

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

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

TABLE 16B. PERCENT LIVING GROUND COVER (FALL) RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

| NAME | MA1 | MI1 | ND1 | MEAN |
|-----------------------------|------|------|------|------|
| 13-M | 85.0 | 83.3 | 97.7 | 88.7 |
| DECLARATION | 73.3 | 90.0 | 97.7 | 87.0 |
| RUNNER (IS-AP 14) | 85.0 | 76.7 | 97.7 | 86.4 |
| AUTHORITY (235050) | 73.3 | 86.7 | 99.0 | 86.3 |
| SHARK (23R) | 75.0 | 80.0 | 97.7 | 84.2 |
| MACKENZIE (SRX 1GPD) | 81.7 | 71.7 | 99.0 | 84.1 |
| KINGPIN (9200) | 75.0 | 78.3 | 99.0 | 84.1 |
| CRYSTAL BLUELINKS (PST-OEB) | 73.3 | 75.0 | 99.0 | 82.4 |
| T-1 | 71.7 | 76.7 | 99.0 | 82.4 |
| SR 1150 (SRX 1PDH) | 75.0 | 73.3 | 97.7 | 82.0 |
| L-93 | 66.7 | 80.0 | 99.0 | 81.9 |
| PENNEAGLE II | 75.0 | 70.0 | 97.7 | 80.9 |
| SR 1119 | 70.0 | 73.3 | 99.0 | 80.8 |
| PENNLINKS II | 68.3 | 73.3 | 99.0 | 80.2 |
| BENGAL | 63.3 | 75.0 | 99.0 | 79.1 |
| LS-44 | 66.7 | 70.0 | 97.7 | 78.1 |
| ALPHA | 66.7 | 66.7 | 99.0 | 77.4 |
| INDEPENDENCE | 60.0 | 71.7 | 99.0 | 76.9 |
| SEASIDE | 56.7 | 70.0 | 99.0 | 75.2 |
| PRINCEVILLE | 71.7 | 53.3 | 99.0 | 74.7 |
| PENNCROSS | 51.7 | 63.3 | 97.7 | 70.9 |
| LSD VALUE | 13.6 | 12.9 | 2.3 | 6.3 |
| C.V. (%) | 12.0 | 10.8 | 1.4 | 8.4 |

TABLE 16C. PERCENT LIVING GROUND COVER (FALL) RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

| NAME | MA1 | MI1 | ND1 | MEAN |
|---------------------|------|------|------|------|
| EWTR | 78.3 | 78.3 | 97.7 | 84.8 |
| PST-9NBC | 80.0 | 73.3 | 97.7 | 83.7 |
| GREENTIME (IS-AT 7) | 75.0 | 73.3 | 99.0 | 82.4 |
| TIGER II | 78.3 | 68.3 | 99.0 | 81.9 |
| PST-9VN | 78.3 | 66.7 | 99.0 | 81.3 |
| SR 7150 | 73.3 | 65.0 | 99.0 | 79.1 |
| BARDOT | 76.7 | 56.7 | 99.0 | 77.4 |
| LSD VALUE | 12.8 | 10.5 | 2.0 | 5.6 |
| C.V. (%) | 10.3 | 9.5 | 1.3 | 7.3 |

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

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

TABLE 17A. WINTER COLOR RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | IL3 | OK1 | MEAN |
|-----------------------------|------|------|------|
| SHARK (23R) | 8.7 | 4.0 | 6.3 |
| BENGAL | 7.3 | 5.0 | 6.2 |
| PENNEAGLE II | 7.3 | 5.0 | 6.2 |
| CRYSTAL BLUELINKS (PST-OEB) | 7.0 | 4.7 | 5.8 |
| INDEPENDENCE | 7.3 | 4.3 | 5.8 |
| LS-44 | 6.7 | 4.7 | 5.7 |
| AUTHORITY (235050) | 7.0 | 4.3 | 5.7 |
| KINGPIN (9200) | 7.0 | 4.3 | 5.7 |
| 13-M | 7.0 | 4.0 | 5.5 |
| RUNNER (IS-AP 14) | 7.0 | 4.0 | 5.5 |
| PENNLINKS II | 6.0 | 4.7 | 5.3 |
| ALPHA | 5.3 | 5.0 | 5.2 |
| MACKENZIE (SRX 1GPD) | 6.3 | 4.0 | 5.2 |
| T-1 | 6.0 | 4.0 | 5.0 |
| L-93 | 4.7 | 5.0 | 4.8 |
| DECLARATION | 5.3 | 4.3 | 4.8 |
| SR 7150 | . | 4.7 | 4.7 |
| SEASIDE | 5.0 | 4.3 | 4.7 |
| SR 1119 | 5.0 | 4.0 | 4.5 |
| BARDOT | . | 4.3 | 4.3 |
| EWTR | . | 4.3 | 4.3 |
| PENNCROSS | 4.3 | 4.3 | 4.3 |
| PRINCEVILLE | 3.3 | 5.0 | 4.2 |
| SR 1150 (SRX 1PDH) | 4.0 | 4.3 | 4.2 |
| PST-9NBC | . | 4.0 | 4.0 |
| TIGER II | . | 4.0 | 4.0 |
| GREENTIME (IS-AT 7) | . | 3.3 | 3.3 |
| PST-9VN | . | 3.3 | 3.3 |
| LSD VALUE | 2.8 | 0.7 | 1.5 |
| C.V. (%) | 28.2 | 10.7 | 23.1 |

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 17B. WINTER COLOR RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | IL3 | OK1 | MEAN |
|-----------------------------|------|-----|------|
| SHARK (23R) | 8.7 | 4.0 | 6.3 |
| BENGAL | 7.3 | 5.0 | 6.2 |
| PENNEAGLE II | 7.3 | 5.0 | 6.2 |
| CRYSTAL BLUELINKS (PST-OEB) | 7.0 | 4.7 | 5.8 |
| INDEPENDENCE | 7.3 | 4.3 | 5.8 |
| LS-44 | 6.7 | 4.7 | 5.7 |
| AUTHORITY (235050) | 7.0 | 4.3 | 5.7 |
| KINGPIN (9200) | 7.0 | 4.3 | 5.7 |
| 13-M | 7.0 | 4.0 | 5.5 |
| RUNNER (IS-AP 14) | 7.0 | 4.0 | 5.5 |
| PENNLINKS II | 6.0 | 4.7 | 5.3 |
| ALPHA | 5.3 | 5.0 | 5.2 |
| MACKENZIE (SRX 1GPD) | 6.3 | 4.0 | 5.2 |
| T-1 | 6.0 | 4.0 | 5.0 |
| L-93 | 4.7 | 5.0 | 4.8 |
| DECLARATION | 5.3 | 4.3 | 4.8 |
| SEASIDE | 5.0 | 4.3 | 4.7 |
| SR 1119 | 5.0 | 4.0 | 4.5 |
| PENNCROSS | 4.3 | 4.3 | 4.3 |
| PRINCEVILLE | 3.3 | 5.0 | 4.2 |
| SR 1150 (SRX 1PDH) | 4.0 | 4.3 | 4.2 |
| LSD VALUE | 2.8 | 0.6 | 1.4 |
| C.V. (%) | 28.2 | 9.0 | 23.6 |

TABLE 17C. WINTER COLOR RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | OK1 |
|---------------------|------|
| SR 7150 | 4.7 |
| BARDOT | 4.3 |
| EWTR | 4.3 |
| PST-9NBC | 4.0 |
| TIGER II | 4.0 |
| GREENTIME (IS-AT 7) | 3.3 |
| PST-9VN | 3.3 |
| LSD VALUE | 1.0 |
| C.V. (%) | 15.4 |

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 18A. DROUGHT TOLERANCE (WILTING) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | VA1 |
|-----------------------------|------|
| T-1 | 9.0 |
| PRINCEVILLE | 8.3 |
| SEASIDE | 8.3 |
| ALPHA | 8.0 |
| PENNCROSS | 8.0 |
| AUTHORITY (235050) | 7.7 |
| PENNLINKS II | 7.7 |
| BENGAL | 7.3 |
| DECLARATION | 7.3 |
| RUNNER (IS-AP 14) | 7.3 |
| SR 1150 (SRX 1PDH) | 7.3 |
| CRYSTAL BLUELINKS (PST-OEB) | 7.0 |
| PENNEAGLE II | 7.0 |
| SHARK (23R) | 7.0 |
| L-93 | 6.7 |
| 13-M | 6.3 |
| LS-44 | 6.3 |
| PST-9NBC | 6.3 |
| PST-9VN | 6.3 |
| SR 1119 | 6.3 |
| BARDOT | 6.0 |
| SR 7150 | 6.0 |
| KINGPIN (9200) | 5.7 |
| GREENTIME (IS-AT 7) | 5.3 |
| INDEPENDENCE | 5.3 |
| TIGER II | 5.3 |
| MACKENZIE (SRX 1GPD) | 4.7 |
| EWTR | 4.3 |
| LSD VALUE | 2.2 |
| C.V. (%) | 20.4 |

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 18B. DROUGHT TOLERANCE (WILTING) RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | VA1 |
|-----------------------------|------|
| T-1 | 9.0 |
| PRINCEVILLE | 8.3 |
| SEASIDE | 8.3 |
| ALPHA | 8.0 |
| PENNCROSS | 8.0 |
| AUTHORITY (235050) | 7.7 |
| PENNLINKS II | 7.7 |
| BENGAL | 7.3 |
| DECLARATION | 7.3 |
| RUNNER (IS-AP 14) | 7.3 |
| SR 1150 (SRX 1PDH) | 7.3 |
| CRYSTAL BLUELINKS (PST-OEB) | 7.0 |
| PENNEAGLE II | 7.0 |
| SHARK (23R) | 7.0 |
| L-93 | 6.7 |
| 13-M | 6.3 |
| LS-44 | 6.3 |
| SR 1119 | 6.3 |
| KINGPIN (9200) | 5.7 |
| INDEPENDENCE | 5.3 |
| MACKENZIE (SRX 1GPD) | 4.7 |
| LSD VALUE | 1.9 |
| C.V. (%) | 16.6 |

TABLE 18C. DROUGHT TOLERANCE (WILTING) RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | VA1 |
|---------------------|------|
| PST-9NBC | 6.3 |
| PST-9VN | 6.3 |
| BARDOT | 6.0 |
| SR 7150 | 6.0 |
| GREENTIME (IS-AT 7) | 5.3 |
| TIGER II | 5.3 |
| EWTR | 4.3 |
| LSD VALUE | 3.0 |
| C.V. (%) | 32.4 |

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 19A.

DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | IN1 | KS1 | MA1 | MD1 | MI1 | MN1 | NJ1 | VA1 | MEAN |
|-----------------------------|-----|------|------|-----|------|------|------|------|------|
| EWTR | 8.7 | 7.7 | 8.3 | 9.0 | 6.3 | 8.3 | 8.7 | 8.3 | 8.2 |
| DECLARATION | 9.0 | 7.7 | 9.0 | 8.3 | 4.3 | 8.3 | 9.0 | 7.0 | 7.8 |
| PST-9VN | 8.3 | 5.7 | 8.0 | 9.0 | 6.3 | 8.0 | 8.0 | 8.7 | 7.8 |
| TIGER II | 8.0 | 5.3 | 8.7 | 9.0 | 6.3 | 8.0 | 8.0 | 8.7 | 7.8 |
| BARDOT | 8.3 | 6.0 | 8.3 | 9.0 | 6.7 | 7.0 | 8.0 | 8.0 | 7.7 |
| SR 7150 | 8.7 | 5.0 | 7.0 | 9.0 | 6.3 | 8.0 | 8.0 | 8.7 | 7.6 |
| PST-9NBC | 7.7 | 4.7 | 7.7 | 9.0 | 6.7 | 7.7 | 8.3 | 8.7 | 7.5 |
| GREENTIME (IS-AT 7) | 8.7 | 5.3 | 7.3 | 9.0 | 6.3 | 7.7 | 7.3 | 8.3 | 7.5 |
| 13-M | 8.3 | 5.3 | 8.7 | 7.7 | 6.0 | 8.0 | 8.3 | 6.7 | 7.4 |
| CRYSTAL BLUELINKS (PST-OEB) | 8.0 | 6.0 | 8.3 | 7.7 | 6.3 | 7.7 | 6.7 | 7.7 | 7.3 |
| KINGPIN (9200) | 8.0 | 5.0 | 8.3 | 8.0 | 5.7 | 7.7 | 8.0 | 7.7 | 7.3 |
| PENNLINKS II | 8.3 | 4.0 | 7.7 | 8.7 | 6.7 | 6.3 | 7.7 | 8.0 | 7.2 |
| SEASIDE | 8.0 | 6.0 | 8.7 | 8.3 | 7.3 | 4.7 | 7.0 | 7.0 | 7.1 |
| AUTHORITY (235050) | 8.0 | 4.7 | 9.0 | 8.0 | 6.3 | 8.0 | 5.0 | 6.7 | 7.0 |
| PENNEAGLE II | 7.7 | 6.3 | 7.3 | 7.3 | 5.7 | 8.0 | 5.0 | 7.7 | 6.9 |
| RUNNER (IS-AP 14) | 7.3 | 6.0 | 8.7 | 6.3 | 7.0 | 8.0 | 5.3 | 6.0 | 6.8 |
| MACKENZIE (SRX 1GPD) | 8.0 | 5.3 | 8.3 | 6.7 | 6.3 | 7.7 | 5.7 | 6.3 | 6.8 |
| SR 1150 (SRX 1PDH) | 8.0 | 6.3 | 7.7 | 5.7 | 6.7 | 7.7 | 4.7 | 7.3 | 6.8 |
| L-93 | 8.7 | 4.3 | 6.3 | 6.7 | 7.0 | 8.0 | 6.3 | 6.3 | 6.7 |
| SHARK (23R) | 7.0 | 6.0 | 9.0 | 6.0 | 7.0 | 7.0 | 5.0 | 6.0 | 6.6 |
| PENNCROSS | 7.7 | 5.7 | 7.0 | 8.3 | 7.0 | 6.0 | 3.7 | 6.0 | 6.4 |
| LS-44 | 7.3 | 5.0 | 8.0 | 5.3 | 6.7 | 6.7 | 5.3 | 6.3 | 6.3 |
| SR 1119 | 6.7 | 5.0 | 8.3 | 5.3 | 7.0 | 6.7 | 3.7 | 7.3 | 6.3 |
| T-1 | 7.0 | 5.7 | 7.0 | 6.0 | 7.0 | 6.7 | 4.3 | 5.3 | 6.1 |
| ALPHA | 7.3 | 4.7 | 6.7 | 6.0 | 6.7 | 7.0 | 3.3 | 5.7 | 5.9 |
| PRINCEVILLE | 6.7 | 5.0 | 7.3 | 6.3 | 7.0 | 5.3 | 3.7 | 6.0 | 5.9 |
| INDEPENDENCE | 6.3 | 3.7 | 6.7 | 5.7 | 8.0 | 6.0 | 3.3 | 6.3 | 5.8 |
| BENGAL | 7.0 | 3.3 | 8.7 | 4.7 | 6.7 | 5.7 | 3.7 | 6.3 | 5.8 |
| LSD VALUE | 1.2 | 2.2 | 1.8 | 0.9 | 1.4 | 1.5 | 1.2 | 2.3 | 0.6 |
| C.V. (%) | 9.3 | 26.0 | 14.2 | 7.4 | 13.6 | 13.1 | 12.0 | 20.4 | 14.8 |

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

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

TABLE 19B. DOLLAR SPOT RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

| NAME | DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ | | | | | | | | |
|-----------------------------|--|------|------|-----|------|------|------|------|------|
| | IN1 | KS1 | MA1 | MD1 | MI1 | MN1 | NJ1 | VA1 | MEAN |
| DECLARATION | 9.0 | 7.7 | 9.0 | 8.3 | 4.3 | 8.3 | 9.0 | 7.0 | 7.8 |
| 13-M | 8.3 | 5.3 | 8.7 | 7.7 | 6.0 | 8.0 | 8.3 | 6.7 | 7.4 |
| CRYSTAL BLUELINKS (PST-OEB) | 8.0 | 6.0 | 8.3 | 7.7 | 6.3 | 7.7 | 6.7 | 7.7 | 7.3 |
| KINGPIN (9200) | 8.0 | 5.0 | 8.3 | 8.0 | 5.7 | 7.7 | 8.0 | 7.7 | 7.3 |
| PENNLINKS II | 8.3 | 4.0 | 7.7 | 8.7 | 6.7 | 6.3 | 7.7 | 8.0 | 7.2 |
| SEASIDE | 8.0 | 6.0 | 8.7 | 8.3 | 7.3 | 4.7 | 7.0 | 7.0 | 7.1 |
| AUTHORITY (235050) | 8.0 | 4.7 | 9.0 | 8.0 | 6.3 | 8.0 | 5.0 | 6.7 | 7.0 |
| PENNEAGLE II | 7.7 | 6.3 | 7.3 | 7.3 | 5.7 | 8.0 | 5.0 | 7.7 | 6.9 |
| RUNNER (IS-AP 14) | 7.3 | 6.0 | 8.7 | 6.3 | 7.0 | 8.0 | 5.3 | 6.0 | 6.8 |
| MACKENZIE (SRX 1GPD) | 8.0 | 5.3 | 8.3 | 6.7 | 6.3 | 7.7 | 5.7 | 6.3 | 6.8 |
| SR 1150 (SRX 1PDH) | 8.0 | 6.3 | 7.7 | 5.7 | 6.7 | 7.7 | 4.7 | 7.3 | 6.8 |
| L-93 | 8.7 | 4.3 | 6.3 | 6.7 | 7.0 | 8.0 | 6.3 | 6.3 | 6.7 |
| SHARK (23R) | 7.0 | 6.0 | 9.0 | 6.0 | 7.0 | 7.0 | 5.0 | 6.0 | 6.6 |
| PENNCROSS | 7.7 | 5.7 | 7.0 | 8.3 | 7.0 | 6.0 | 3.7 | 6.0 | 6.4 |
| LS-44 | 7.3 | 5.0 | 8.0 | 5.3 | 6.7 | 6.7 | 5.3 | 6.3 | 6.3 |
| SR 1119 | 6.7 | 5.0 | 8.3 | 5.3 | 7.0 | 6.7 | 3.7 | 7.3 | 6.3 |
| T-1 | 7.0 | 5.7 | 7.0 | 6.0 | 7.0 | 6.7 | 4.3 | 5.3 | 6.1 |
| ALPHA | 7.3 | 4.7 | 6.7 | 6.0 | 6.7 | 7.0 | 3.3 | 5.7 | 5.9 |
| PRINCEVILLE | 6.7 | 5.0 | 7.3 | 6.3 | 7.0 | 5.3 | 3.7 | 6.0 | 5.9 |
| INDEPENDENCE | 6.3 | 3.7 | 6.7 | 5.7 | 8.0 | 6.0 | 3.3 | 6.3 | 5.8 |
| BENGAL | 7.0 | 3.3 | 8.7 | 4.7 | 6.7 | 5.7 | 3.7 | 6.3 | 5.8 |
| LSD VALUE | 1.1 | 2.2 | 1.8 | 1.0 | 1.5 | 1.6 | 1.3 | 2.6 | 0.6 |
| C.V. (%) | 9.3 | 25.8 | 13.7 | 9.3 | 14.4 | 13.9 | 14.4 | 24.7 | 16.0 |

TABLE 19C. DOLLAR SPOT RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

| NAME | DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ | | | | | | | | |
|---------------------|--|------|------|-----|------|------|-----|-----|------|
| | IN1 | KS1 | MA1 | MD1 | MI1 | MN1 | NJ1 | VA1 | MEAN |
| EWTR | 8.7 | 7.7 | 8.3 | 9 | 6.3 | 8.3 | 8.7 | 8.3 | 8.2 |
| PST-9VN | 8.3 | 5.7 | 8.0 | 9 | 6.3 | 8.0 | 8.0 | 8.7 | 7.8 |
| TIGER II | 8.0 | 5.3 | 8.7 | 9 | 6.3 | 8.0 | 8.0 | 8.7 | 7.8 |
| BARDOT | 8.3 | 6.0 | 8.3 | 9 | 6.7 | 7.0 | 8.0 | 8.0 | 7.7 |
| SR 7150 | 8.7 | 5.0 | 7.0 | 9 | 6.3 | 8.0 | 8.0 | 8.7 | 7.6 |
| PST-9NBC | 7.7 | 4.7 | 7.7 | 9 | 6.7 | 7.7 | 8.3 | 8.7 | 7.5 |
| GREENTIME (IS-AT 7) | 8.7 | 5.3 | 7.3 | 9 | 6.3 | 7.7 | 7.3 | 8.3 | 7.5 |
| LSD VALUE | 1.2 | 2.4 | 2.0 | 0 | 1.1 | 1.4 | 0.9 | 0.9 | 0.5 |
| C.V. (%) | 9.1 | 26.4 | 15.6 | 0 | 10.7 | 10.8 | 6.6 | 6.3 | 11.3 |

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

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

TABLE 20A. BROWN PATCH (WARM TEMPERATURE) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | MA1 | NJ1 | MEAN |
|-----------------------------|-----|------|------|
| RUNNER (IS-AP 14) | 9.0 | 8.3 | 8.7 |
| 13-M | 8.7 | 8.3 | 8.5 |
| DECLARATION | 8.3 | 8.7 | 8.5 |
| SR 1150 (SRX 1PDH) | 9.0 | 7.7 | 8.3 |
| T-1 | 8.7 | 7.3 | 8.0 |
| LS-44 | 9.0 | 6.7 | 7.8 |
| SHARK (23R) | 8.3 | 7.3 | 7.8 |
| ALPHA | 8.7 | 7.0 | 7.8 |
| INDEPENDENCE | 8.7 | 7.0 | 7.8 |
| BENGAL | 9.0 | 6.3 | 7.7 |
| PENNEAGLE II | 9.0 | 6.3 | 7.7 |
| SR 1119 | 8.3 | 6.7 | 7.5 |
| CRYSTAL BLUELINKS (PST-OEB) | 8.3 | 6.3 | 7.3 |
| MACKENZIE (SRX 1GPD) | 8.0 | 6.7 | 7.3 |
| PENNCROSS | 9.0 | 5.7 | 7.3 |
| PRINCEVILLE | 8.3 | 6.0 | 7.2 |
| AUTHORITY (235050) | 8.0 | 6.0 | 7.0 |
| KINGPIN (9200) | 8.3 | 5.7 | 7.0 |
| L-93 | 8.7 | 5.3 | 7.0 |
| PENNLINKS II | 8.3 | 5.0 | 6.7 |
| SEASIDE | 8.7 | 3.0 | 5.8 |
| PST-9VN | 6.3 | 5.0 | 5.7 |
| GREENTIME (IS-AT 7) | 7.3 | 3.7 | 5.5 |
| EWTR | 6.3 | 3.7 | 5.0 |
| PST-9NBC | 4.7 | 4.0 | 4.3 |
| TIGER II | 6.0 | 2.3 | 4.2 |
| BARDOT | 5.0 | 2.3 | 3.7 |
| SR 7150 | 3.7 | 2.0 | 2.8 |
| LSD VALUE | 1.1 | 2.1 | 1.2 |
| C.V. (%) | 8.3 | 22.9 | 15.3 |

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

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

TABLE 20B. BROWN PATCH (WARM TEMPERATURE) RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | MA1 | NJ1 | MEAN |
|-----------------------------|-----|------|------|
| RUNNER (IS-AP 14) | 9.0 | 8.3 | 8.7 |
| 13-M | 8.7 | 8.3 | 8.5 |
| DECLARATION | 8.3 | 8.7 | 8.5 |
| SR 1150 (SRX 1PDH) | 9.0 | 7.7 | 8.3 |
| T-1 | 8.7 | 7.3 | 8.0 |
| LS-44 | 9.0 | 6.7 | 7.8 |
| SHARK (23R) | 8.3 | 7.3 | 7.8 |
| ALPHA | 8.7 | 7.0 | 7.8 |
| INDEPENDENCE | 8.7 | 7.0 | 7.8 |
| BENGAL | 9.0 | 6.3 | 7.7 |
| PENNEAGLE II | 9.0 | 6.3 | 7.7 |
| SR 1119 | 8.3 | 6.7 | 7.5 |
| CRYSTAL BLUELINKS (PST-OEB) | 8.3 | 6.3 | 7.3 |
| MACKENZIE (SRX 1GPD) | 8.0 | 6.7 | 7.3 |
| PENNCROSS | 9.0 | 5.7 | 7.3 |
| PRINCEVILLE | 8.3 | 6.0 | 7.2 |
| AUTHORITY (235050) | 8.0 | 6.0 | 7.0 |
| KINGPIN (9200) | 8.3 | 5.7 | 7.0 |
| L-93 | 8.7 | 5.3 | 7.0 |
| PENNLINKS II | 8.3 | 5.0 | 6.7 |
| SEASIDE | 8.7 | 3.0 | 5.8 |
| LSD VALUE | 0.9 | 2.2 | 1.2 |
| C.V. (%) | 6.4 | 21.1 | 13.9 |

TABLE 20C. BROWN PATCH (WARM TEMPERATURE) RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | MA1 | NJ1 | MEAN |
|---------------------|------|------|------|
| PST-9VN | 6.3 | 5.0 | 5.7 |
| GREENTIME (IS-AT 7) | 7.3 | 3.7 | 5.5 |
| EWTR | 6.3 | 3.7 | 5.0 |
| PST-9NBC | 4.7 | 4.0 | 4.3 |
| TIGER II | 6.0 | 2.3 | 4.2 |
| BARDOT | 5.0 | 2.3 | 3.7 |
| SR 7150 | 3.7 | 2.0 | 2.8 |
| LSD VALUE | 1.4 | 1.8 | 1.1 |
| C.V. (%) | 16.0 | 33.2 | 22.5 |

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 21A. ANTHRACNOSE RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | MA1 |
|-----------------------------|------|
| BARDOT | 9.0 |
| SR 7150 | 9.0 |
| PST-9NBC | 8.7 |
| GREENTIME (IS-AT 7) | 8.3 |
| PRINCEVILLE | 8.3 |
| PST-9VN | 8.3 |
| PENNCROSS | 8.0 |
| LS-44 | 7.7 |
| SEASIDE | 7.7 |
| L-93 | 7.3 |
| T-1 | 7.0 |
| ALPHA | 6.7 |
| PENNEAGLE II | 6.7 |
| TIGER II | 6.7 |
| EWTR | 6.3 |
| SR 1119 | 6.3 |
| CRYSTAL BLUELINKS (PST-OEB) | 6.0 |
| PENNLINKS II | 6.0 |
| SHARK (23R) | 6.0 |
| INDEPENDENCE | 5.3 |
| KINGPIN (9200) | 5.3 |
| SR 1150 (SRX 1PDH) | 5.3 |
| 13-M | 5.0 |
| BENGAL | 5.0 |
| AUTHORITY (235050) | 4.7 |
| MACKENZIE (SRX 1GPD) | 4.7 |
| RUNNER (IS-AP 14) | 4.0 |
| DECLARATION | 3.7 |
| LSD VALUE | 1.9 |
| C.V. (%) | 18.1 |

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 21B. ANTHRACNOSE RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | MA1 |
|-----------------------------|------|
| PRINCEVILLE | 8.3 |
| PENNCROSS | 8.0 |
| LS-44 | 7.7 |
| SEASIDE | 7.7 |
| L-93 | 7.3 |
| T-1 | 7.0 |
| ALPHA | 6.7 |
| PENNEAGLE II | 6.7 |
| SR 1119 | 6.3 |
| CRYSTAL BLUELINKS (PST-OEB) | 6.0 |
| PENNLINKS II | 6.0 |
| SHARK (23R) | 6.0 |
| INDEPENDENCE | 5.3 |
| KINGPIN (9200) | 5.3 |
| SR 1150 (SRX 1PDH) | 5.3 |
| 13-M | 5.0 |
| BENGAL | 5.0 |
| AUTHORITY (235050) | 4.7 |
| MACKENZIE (SRX 1GPD) | 4.7 |
| RUNNER (IS-AP 14) | 4.0 |
| DECLARATION | 3.7 |
| LSD VALUE | 2.0 |
| C.V. (%) | 20.6 |

TABLE 21C. ANTHRACNOSE RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | MA1 |
|---------------------|------|
| BARDOT | 9.0 |
| SR 7150 | 9.0 |
| PST-9NBC | 8.7 |
| GREENTIME (IS-AT 7) | 8.3 |
| PST-9VN | 8.3 |
| TIGER II | 6.7 |
| EWTR | 6.3 |
| LSD VALUE | 1.6 |
| C.V. (%) | 12.1 |

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 22A. PINK SNOW MOLD RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | WA1 |
|-----------------------------|------|
| TIGER II | 7.0 |
| DECLARATION | 6.7 |
| 13-M | 6.0 |
| BARDOT | 6.0 |
| ALPHA | 5.7 |
| PST-9NBC | 5.7 |
| CRYSTAL BLUELINKS (PST-OEB) | 5.0 |
| EWTR | 5.0 |
| L-93 | 5.0 |
| LS-44 | 4.7 |
| PENNCROSS | 4.7 |
| RUNNER (IS-AP 14) | 4.7 |
| SHARK (23R) | 4.7 |
| PENNEAGLE II | 4.3 |
| PENNLINKS II | 4.3 |
| AUTHORITY (235050) | 4.0 |
| SR 1119 | 4.0 |
| T-1 | 4.0 |
| GREENTIME (IS-AT 7) | 3.7 |
| INDEPENDENCE | 3.7 |
| KINGPIN (9200) | 3.7 |
| SEASIDE | 3.7 |
| SR 7150 | 3.7 |
| BENGAL | 3.3 |
| PRINCEVILLE | 3.3 |
| PST-9VN | 3.3 |
| SR 1150 (SRX 1PDH) | 3.3 |
| MACKENZIE (SRX 1GPD) | 3.0 |
| LSD VALUE | 2.5 |
| C.V. (%) | 35.1 |

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 22B. PINK SNOW MOLD RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | WA1 |
|-----------------------------|------|
| DECLARATION | 6.7 |
| 13-M | 6.0 |
| ALPHA | 5.7 |
| CRYSTAL BLUELINKS (PST-OEB) | 5.0 |
| L-93 | 5.0 |
| LS-44 | 4.7 |
| PENNCROSS | 4.7 |
| RUNNER (IS-AP 14) | 4.7 |
| SHARK (23R) | 4.7 |
| PENNEAGLE II | 4.3 |
| PENNLINKS II | 4.3 |
| AUTHORITY (235050) | 4.0 |
| SR 1119 | 4.0 |
| T-1 | 4.0 |
| INDEPENDENCE | 3.7 |
| KINGPIN (9200) | 3.7 |
| SEASIDE | 3.7 |
| BENGAL | 3.3 |
| PRINCEVILLE | 3.3 |
| SR 1150 (SRX 1PDH) | 3.3 |
| MACKENZIE (SRX 1GPD) | 3.0 |
| LSD VALUE | 2.5 |
| C.V. (%) | 35.6 |

TABLE 22C. PINK SNOW MOLD RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | WA1 |
|---------------------|------|
| TIGER II | 7.0 |
| BARDOT | 6.0 |
| PST-9NBC | 5.7 |
| EWTR | 5.0 |
| GREENTIME (IS-AT 7) | 3.7 |
| SR 7150 | 3.7 |
| PST-9VN | 3.3 |
| LSD VALUE | 2.7 |
| C.V. (%) | 33.9 |

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 23A. FALL COLOR (NOVEMBER) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | ND1 |
|-----------------------------|------|
| EWTR | 5.0 |
| PST-9NBC | 5.0 |
| ALPHA | 4.7 |
| TIGER II | 4.7 |
| 13-M | 4.3 |
| BENGAL | 4.3 |
| DECLARATION | 4.3 |
| GREENTIME (IS-AT 7) | 4.3 |
| PENNEAGLE II | 4.3 |
| RUNNER (IS-AP 14) | 4.3 |
| T-1 | 4.3 |
| CRYSTAL BLUELINKS (PST-OEB) | 4.0 |
| KINGPIN (9200) | 4.0 |
| LS-44 | 4.0 |
| MACKENZIE (SRX 1GPD) | 4.0 |
| PENNCROSS | 4.0 |
| PRINCEVILLE | 4.0 |
| SHARK (23R) | 4.0 |
| BARDOT | 3.7 |
| INDEPENDENCE | 3.7 |
| PENNLINKS II | 3.7 |
| PST-9VN | 3.7 |
| SR 1119 | 3.7 |
| SR 1150 (SRX 1PDH) | 3.7 |
| SR 7150 | 3.7 |
| AUTHORITY (235050) | 3.3 |
| SEASIDE | 3.3 |
| L-93 | 3.0 |
| LSD VALUE | 1.5 |
| C.V. (%) | 23.9 |

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

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

TABLE 23B. FALL COLOR (NOVEMBER) RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | ND1 |
|-----------------------------|------|
| ALPHA | 4.7 |
| 13-M | 4.3 |
| BENGAL | 4.3 |
| DECLARATION | 4.3 |
| PENNEAGLE II | 4.3 |
| RUNNER (IS-AP 14) | 4.3 |
| T-1 | 4.3 |
| CRYSTAL BLUELINKS (PST-OEB) | 4.0 |
| KINGPIN (9200) | 4.0 |
| LS-44 | 4.0 |
| MACKENZIE (SRX 1GPD) | 4.0 |
| PENNCROSS | 4.0 |
| PRINCEVILLE | 4.0 |
| SHARK (23R) | 4.0 |
| INDEPENDENCE | 3.7 |
| PENNLINKS II | 3.7 |
| SR 1119 | 3.7 |
| SR 1150 (SRX 1PDH) | 3.7 |
| AUTHORITY (235050) | 3.3 |
| SEASIDE | 3.3 |
| L-93 | 3.0 |
| LSD VALUE | 1.6 |
| C.V. (%) | 24.9 |

TABLE 23C. FALL COLOR (NOVEMBER) RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | ND1 |
|---------------------|------|
| EWTR | 5.0 |
| PST-9NBC | 5.0 |
| TIGER II | 4.7 |
| GREENTIME (IS-AT 7) | 4.3 |
| BARDOT | 3.7 |
| PST-9VN | 3.7 |
| SR 7150 | 3.7 |
| LSD VALUE | 1.4 |
| C.V. (%) | 21.0 |

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 24A. POA ANNUA RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | IN1 |
|-----------------------------|------|
| SHARK (23R) | 8.7 |
| RUNNER (IS-AP 14) | 8.3 |
| SR 1150 (SRX 1PDH) | 8.3 |
| 13-M | 8.0 |
| ALPHA | 8.0 |
| AUTHORITY (235050) | 8.0 |
| DECLARATION | 8.0 |
| INDEPENDENCE | 8.0 |
| KINGPIN (9200) | 8.0 |
| L-93 | 8.0 |
| MACKENZIE (SRX 1GPD) | 8.0 |
| PENNEAGLE II | 8.0 |
| T-1 | 8.0 |
| BENGAL | 7.7 |
| CRYSTAL BLUELINKS (PST-OEB) | 7.7 |
| LS-44 | 7.7 |
| PENNCROSS | 7.0 |
| PRINCEVILLE | 7.0 |
| SR 1119 | 6.7 |
| PENNLINKS II | 6.3 |
| BARDOT | 5.7 |
| TIGER II | 5.7 |
| EWTR | 5.3 |
| GREENTIME (IS-AT 7) | 5.3 |
| SEASIDE | 5.3 |
| SR 7150 | 4.7 |
| PST-9VN | 4.3 |
| PST-9NBC | 4.0 |
| LSD VALUE | 1.8 |
| C.V. (%) | 15.8 |

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 24B. POA ANNUA RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | IN1 |
|-----------------------------|-----|
| SHARK (23R) | 8.7 |
| RUNNER (IS-AP 14) | 8.3 |
| SR 1150 (SRX 1PDH) | 8.3 |
| 13-M | 8.0 |
| ALPHA | 8.0 |
| AUTHORITY (235050) | 8.0 |
| DECLARATION | 8.0 |
| INDEPENDENCE | 8.0 |
| KINGPIN (9200) | 8.0 |
| L-93 | 8.0 |
| MACKENZIE (SRX 1GPD) | 8.0 |
| PENNEAGLE II | 8.0 |
| T-1 | 8.0 |
| BENGAL | 7.7 |
| CRYSTAL BLUELINKS (PST-OEB) | 7.7 |
| LS-44 | 7.7 |
| PENNCROSS | 7.0 |
| PRINCEVILLE | 7.0 |
| SR 1119 | 6.7 |
| PENNLINKS II | 6.3 |
| SEASIDE | 5.3 |
| LSD VALUE | 1.2 |
| C.V. (%) | 9.9 |

TABLE 24C. POA ANNUA RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | IN1 |
|---------------------|------|
| BARDOT | 5.7 |
| TIGER II | 5.7 |
| EWTR | 5.3 |
| GREENTIME (IS-AT 7) | 5.3 |
| SR 7150 | 4.7 |
| PST-9VN | 4.3 |
| PST-9NBC | 4.0 |
| LSD VALUE | 2.9 |
| C.V. (%) | 35.5 |

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 25A. MOWING QUALITY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | MD1 |
|-----------------------------|-----|
| BARDOT | 9.0 |
| EWTR | 9.0 |
| GREENTIME (IS-AT 7) | 9.0 |
| PST-9NBC | 9.0 |
| PST-9VN | 9.0 |
| SR 7150 | 9.0 |
| TIGER II | 9.0 |
| BENGAL | 7.7 |
| SR 1119 | 7.7 |
| KINGPIN (9200) | 7.3 |
| SHARK (23R) | 7.3 |
| SR 1150 (SRX 1PDH) | 7.3 |
| 13-M | 7.0 |
| ALPHA | 7.0 |
| MACKENZIE (SRX 1GPD) | 7.0 |
| PENNCROSS | 7.0 |
| CRYSTAL BLUELINKS (PST-OEB) | 6.7 |
| L-93 | 6.7 |
| LS-44 | 6.7 |
| PENNEAGLE II | 6.7 |
| AUTHORITY (235050) | 6.3 |
| INDEPENDENCE | 6.3 |
| PRINCEVILLE | 6.3 |
| RUNNER (IS-AP 14) | 6.3 |
| T-1 | 6.0 |
| PENNLINKS II | 5.7 |
| DECLARATION | 4.7 |
| SEASIDE | 4.3 |
| LSD VALUE | 0.8 |
| C.V. (%) | 6.6 |

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 25B. MOWING QUALITY RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | MD1 |
|-----------------------------|-----|
| BENGAL | 7.7 |
| SR 1119 | 7.7 |
| KINGPIN (9200) | 7.3 |
| SHARK (23R) | 7.3 |
| SR 1150 (SRX 1PDH) | 7.3 |
| 13-M | 7.0 |
| ALPHA | 7.0 |
| MACKENZIE (SRX 1GPD) | 7.0 |
| PENNCROSS | 7.0 |
| CRYSTAL BLUELINKS (PST-OEB) | 6.7 |
| L-93 | 6.7 |
| LS-44 | 6.7 |
| PENNEAGLE II | 6.7 |
| AUTHORITY (235050) | 6.3 |
| INDEPENDENCE | 6.3 |
| PRINCEVILLE | 6.3 |
| RUNNER (IS-AP 14) | 6.3 |
| T-1 | 6.0 |
| PENNLINKS II | 5.7 |
| DECLARATION | 4.7 |
| SEASIDE | 4.3 |
| LSD VALUE | 0.9 |
| C.V. (%) | 8.4 |

TABLE 25C. MOWING QUALITY RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2007 DATA

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

| NAME | MD1 |
|---------------------|-----|
| BARDOT | 9 |
| EWTR | 9 |
| GREENTIME (IS-AT 7) | 9 |
| PST-9NBC | 9 |
| PST-9VN | 9 |
| SR 7150 | 9 |
| TIGER II | 9 |
| LSD VALUE | 0 |
| C.V. (%) | 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 26A. PERCENT TYPHULA BLIGHT RATINGS OF BENTGRASS CULTIVARS 1/
 GROWN ON A FAIRWAY OR TEE 2/
 2007 DATA

| NAME | MA1 |
|-----------------------------|------|
| SHARK (23R) | 45.3 |
| MACKENZIE (SRX 1GPD) | 44.0 |
| BENGAL | 41.3 |
| PENNLINKS II | 33.7 |
| T-1 | 31.7 |
| PRINCEVILLE | 31.3 |
| RUNNER (IS-AP 14) | 28.7 |
| KINGPIN (9200) | 28.0 |
| AUTHORITY (235050) | 26.3 |
| LS-44 | 26.3 |
| SEASIDE | 25.3 |
| INDEPENDENCE | 21.3 |
| PENNEAGLE II | 21.3 |
| SR 1150 (SRX 1PDH) | 20.3 |
| ALPHA | 19.7 |
| CRYSTAL BLUELINKS (PST-OEB) | 17.7 |
| PENNCROSS | 15.7 |
| DECLARATION | 14.3 |
| SR 1119 | 13.0 |
| L-93 | 12.7 |
| 13-M | 11.7 |
| SR 7150 | 8.3 |
| GREENTIME (IS-AT 7) | 4.7 |
| BARDOT | 4.3 |
| EWTR | 4.0 |
| PST-9NBC | 4.0 |
| TIGER II | 3.0 |
| PST-9VN | 2.3 |
| LSD VALUE | 27.8 |
| C.V. (%) | 86.5 |

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 26B. PERCENT TYPHULA BLIGHT RATINGS OF CREEPING BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE 2/
2007 DATA

| NAME | MA1 |
|-----------------------------|------|
| SHARK (23R) | 45.3 |
| MACKENZIE (SRX 1GPD) | 44.0 |
| BENGAL | 41.3 |
| PENNLINKS II | 33.7 |
| T-1 | 31.7 |
| PRINCEVILLE | 31.3 |
| RUNNER (IS-AP 14) | 28.7 |
| KINGPIN (9200) | 28.0 |
| AUTHORITY (235050) | 26.3 |
| LS-44 | 26.3 |
| SEASIDE | 25.3 |
| INDEPENDENCE | 21.3 |
| PENNEAGLE II | 21.3 |
| SR 1150 (SRX 1PDH) | 20.3 |
| ALPHA | 19.7 |
| CRYSTAL BLUELINKS (PST-OEB) | 17.7 |
| PENNCROSS | 15.7 |
| DECLARATION | 14.3 |
| SR 1119 | 13.0 |
| L-93 | 12.7 |
| 13-M | 11.7 |
| LSD VALUE | 31.9 |
| C.V. (%) | 78.6 |

TABLE 26C. PERCENT TYPHULA BLIGHT RATINGS OF COLONIAL BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE 2/
2007 DATA

| NAME | MA1 |
|---------------------|-------|
| SR 7150 | 8.3 |
| GREENTIME (IS-AT 7) | 4.7 |
| BARDOT | 4.3 |
| EWTR | 4.0 |
| PST-9NBC | 4.0 |
| TIGER II | 3.0 |
| PST-9VN | 2.3 |
| LSD VALUE | 7.1 |
| C.V. (%) | 101.1 |

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 27. PERCENT DOLLAR SPOT RATINGS OF CREEPING BENTGRASS CULTIVARS 1/
 GROWN ON A FAIRWAY OR TEE AT LEMONT, IL 2/
 2007 DATA

| NAME | MAY | JUNE | JULY | MEAN |
|-----------------------------|------|-------|------|------|
| INDEPENDENCE | 13.3 | 30.0 | 50.0 | 31.1 |
| ALPHA | 7.0 | 28.3 | 53.3 | 29.6 |
| T-1 | 5.0 | 20.0 | 60.0 | 28.3 |
| PENNEAGLE II | 5.3 | 15.0 | 50.0 | 23.4 |
| SR 1119 | 5.0 | 20.0 | 43.3 | 22.8 |
| PRINCEVILLE | 4.0 | 10.0 | 53.3 | 22.4 |
| BENGAL | 8.3 | 10.0 | 36.7 | 18.3 |
| PENNCROSS | 2.3 | 8.3 | 43.3 | 18.0 |
| SR 1150 (SRX 1PDH) | 10.0 | 10.7 | 30.0 | 16.9 |
| RUNNER (IS-AP 14) | 6.7 | 8.3 | 33.3 | 16.1 |
| SHARK (23R) | 15.0 | 5.0 | 26.7 | 15.6 |
| LS-44 | 3.7 | 4.3 | 33.3 | 13.8 |
| L-93 | 1.0 | 8.3 | 25.0 | 11.4 |
| AUTHORITY (235050) | 3.3 | 2.3 | 26.7 | 10.8 |
| PENNLINKS II | 1.7 | 1.3 | 23.3 | 8.8 |
| CRYSTAL BLUELINKS (PST-OEB) | 0.7 | 5.0 | 20.0 | 8.6 |
| KINGPIN (9200) | 0.3 | 2.3 | 18.3 | 7.0 |
| MACKENZIE (SRX 1GPD) | 0.3 | 2.3 | 18.3 | 7.0 |
| DECLARATION | 3.7 | 1.0 | 13.3 | 6.0 |
| SEASIDE | 1.7 | 1.3 | 15.0 | 6.0 |
| 13-M | 3.7 | 0.7 | 11.7 | 5.3 |
| LSD VALUE | 9.1 | 20.0 | 33.2 | 17.5 |
| C.V. (%) | 93.3 | 106.8 | 50.8 | 57.3 |

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.

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE */
2007 DATA

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

| NAME | QUALITY | MAXIMUM |
|-----------------------------|---------|---------------|
| | MEAN 1/ | IN TOP 25% 2/ |
| 13-M | 6.3 | 57.9 |
| ALPHA | 5.9 | 26.3 |
| AUTHORITY (235050) | 6.0 | 26.3 |
| BARDOT | 5.0 | 15.8 |
| BENGAL | 5.7 | 5.3 |
| CRYSTAL BLUELINKS (PST-OEB) | 6.2 | 47.4 |
| DECLARATION | 6.2 | 47.4 |
| EWTR | 5.0 | 15.8 |
| GREENTIME (IS-AT 7) | 5.2 | 15.8 |
| INDEPENDENCE | 5.7 | 10.5 |
| KINGPIN (9200) | 6.1 | 36.8 |
| L-93 | 6.0 | 26.3 |
| LS-44 | 6.1 | 52.6 |
| MACKENZIE (SRX 1GPD) | 6.0 | 31.6 |
| PENNCROSS | 5.3 | 15.8 |
| PENNEAGLE II | 6.1 | 36.8 |
| PENNLINKS II | 5.6 | 15.8 |
| PRINCEVILLE | 5.5 | 10.5 |
| PST-9NBC | 5.2 | 21.1 |
| PST-9VN | 4.8 | 21.1 |
| RUNNER (IS-AP 14) | 5.8 | 5.3 |
| SEASIDE | 4.1 | 5.3 |
| SHARK (23R) | 6.1 | 36.8 |
| SR 1119 | 5.7 | 10.5 |
| SR 1150 (SRX 1PDH) | 5.9 | 10.5 |
| SR 7150 | 4.8 | 10.5 |
| T-1 | 6.2 | 52.6 |
| TIGER II | 4.9 | 10.5 |
| LSD VALUE | 0.2 | |
| C.V. (%) | 9.2 | |

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

**/ 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.