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LOCATIONS SUBMITTING DATA FOR 1999-2002

| <u>State</u> | <u>Location</u> | <u>Code</u> |
|----------------|--------------------------------|-------------|
| Alabama | Auburn | AL1 |
| Arizona | Tucson | AZ1 |
| Illinois | Urbana | IL1 |
| Iowa | Ames | IA1 |
| Kansas | Manhattan | KS1 |
| Kentucky | Lexington (With Fungicides) | KY1 |
| Kentucky | Lexington (Without Fungicides) | KY2 |
| Maine | Orono | ME1 |
| Massachusetts | Amherst | MA1 |
| Michigan | East Lansing | MI1 |
| Missouri | Columbia | MO1 |
| Montana | Bozeman | MT1 |
| Nebraska | Mead | NE1 |
| New Jersey | North Brunswick | NJ1 |
| New York | Ithaca | NY1 |
| North Carolina | Raleigh | NC1 |
| Oklahoma | Stillwater | OK1 |
| Pennsylvania | University Park | PA1 |
| Rhode Island | Kingston (With Fungicides) | RI1 |
| Rhode Island | Kingston (Without Fungicides) | RI2 |
| South Carolina | Clemson | SC2 |
| Texas | Dallas | TX1 |
| Utah | Logan | UT1 |
| Virginia | Blacksburg | VA1 |
| Washington | Puyallup (With Fungicides) | WA3 |
| Washington | Puyallup (Without Fungicides) | WA4 |
| Wisconsin | Madison (With Fungicides) | WI1 |
| Wisconsin | Madison (Without Fungicides) | WI1 |

**1998 NATIONAL BENTGRASS TEST
(Putting Green)**

Entries and Sponsors

| Entry No. | Name | Species | Sponsor |
|--------------|-----------------------|----------|-------------------------------|
| 1 | Backspin | creeping | Turf Merchants, Inc. |
| 2 | Bavaria | velvet | Turf Merchants, Inc. |
| 3 | ABT-CRB-1 | creeping | Budd Seeds |
| 4 | Crenshaw | creeping | ProSeeds Marketing, Inc |
| 5 | L-93 | creeping | Standard Entry |
| 6 | Century | creeping | ProSeeds Marketing, Inc |
| 7 | Imperial | creeping | ProSeeds Marketing, Inc |
| 8 | ISI-Ap-5 | creeping | DLF International Seeds, Inc. |
| 9 | BAR CB 8US3 | creeping | Barenbrug USA, Inc. |
| 10 | Bengal (BAR AS 8FUS2) | creeping | Barenbrug USA, Inc. |
| 11 | Vesper (Pick MVB) | velvet | Pickseed West, Inc. |
| 12 | Pick CB 13-94 | creeping | Pickseed West, Inc. |
| 13 | Syn 96-1 | creeping | Texas A&M University |
| 14 | Syn 96-2 | creeping | Pickseed West, Inc. |
| 15 | Syn 96-3 | creeping | Texas A&M University |
| 16 | SRX 1BPAA | creeping | Seed Research of Oregon |
| 17 | Brighton (SRX 1120) | creeping | Seed Research of Oregon |
| 18 | SR 1119 | creeping | Seed Research of Oregon |
| 19 | Providence | creeping | Seed Research of Oregon |
| 20 | SRX 1NJH | creeping | Seed Research of Oregon |
| 21 | SR 7200 | velvet | Seed Research of Oregon |
| 22 | PST-A2E | creeping | Pure-Seed Testing, Inc. |
| 23 | Pennlinks | creeping | Tee-2-Green Corp. |
| 24 | Penncross | creeping | Standard Entry |
| 25 | Penn G-6 | creeping | Tee-2-Green Corp. |
| 26 | Penn G-1 | creeping | Tee-2-Green Corp. |
| 27 | Penn A-4 | creeping | Tee-2-Green Corp. |
| 28 | Penn A-1 | creeping | Tee-2-Green Corp. |
| 29 | Penn A-2 | creeping | Tee-2-Green Corp. |

TABLE A. 1999-2002 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN THE 1998 NATIONAL BENTGRASS (GREEN) 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 |
|----------|--------------------|---------|-----------------------------|---------------------------|---------------------------|--------------|--------------------|----------------------|
| AL1 | SAND | 5.6-6.0 | 61-150 | 151-240 | 6.1-7.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| AZ1 | SAND | 8.6+ | 0-60 | 0-150 | 3.1-4.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| IA1 | SILTY CLAY LOAM | 7.1-7.5 | 0-60 | 241-375 | 3.1-4.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| IL1 | SILT LOAM AND SILT | 6.1-6.5 | 0-60 | 376-500 | 3.1-4.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| KS1 | LOAM | 6.6-7.0 | 151-270 | 241-375 | 3.1-4.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| KY1 | SAND | 6.6-7.0 | 0-60 | 151-240 | 3.1-4.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| KY2 | SAND | 6.6-7.0 | 0-60 | 151-240 | 3.1-4.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| MA1 | LOAM | 6.1-6.5 | 151-270 | 241-375 | 5.1-6.0 | FULL SUN | 0.6-1.0 | TO PREVENT STRESS |
| ME1 | SANDY LOAM | 6.6-7.0 | 0-60 | 501+ | - | FULL SUN | - | 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 DORMANCY |
| M01 | SAND | 6.6-7.0 | 61-150 | 151-240 | 4.1-5.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| MT1 | SILT LOAM AND SILT | 7.1-7.5 | 61-150 | 501+ | 3.1-4.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| NC1 | - | - | - | - | - | - | - | - |
| NE1 | SAND | 8.6+ | 61-150 | 241-375 | 5.1-6.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| NJ1 | SAND | 6.1-6.5 | 0-60 | 0-150 | 3.1-4.0 | 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 |
| OK1 | SAND | 7.1-7.5 | 0-60 | 0-150 | 5.1-6.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| PA1 | LOAMY SAND | 6.6-7.0 | 61-150 | 0-150 | 4.1-5.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| RI1 | SILT LOAM AND SILT | 5.6-6.0 | 61-150 | 151-240 | 3.1-4.0 | FULL SUN | 0.6-1.0 | TO PREVENT STRESS |
| RI2 | SILT LOAM AND SILT | 5.6-6.0 | 61-150 | 151-240 | 3.1-4.0 | FULL SUN | 0.6-1.0 | TO PREVENT STRESS |
| SC2 | - | - | - | - | - | - | - | - |
| TX1 | SAND | 7.6-8.5 | 0-60 | 0-150 | 6.1-7.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| UT1 | SAND | 6.6-7.0 | 61-150 | 0-150 | 4.1-5.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| VA1 | SAND | 5.6-6.0 | 0-60 | 0-150 | 5.1-6.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| WA3 | SAND | 6.1-6.5 | 0-60 | 151-240 | 6.1-7.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| WA4 | SAND | 6.1-6.5 | 0-60 | 151-240 | 6.1-7.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| WI1 | SILT LOAM AND SILT | 7.6-8.5 | 61-150 | 241-375 | 2.1-3.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| WI2 | SILT LOAM AND SILT | 7.6-8.5 | 61-150 | 241-375 | 2.1-3.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |

TABLE B. LOCATIONS AND DATA COLLECTED IN 1999-2002

| 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 |
|----------|------------------------------|-------------------------------|----------------------------|----------------------------|--------------------------|---------------------------|---------------------------|-----------------------------|--------------------------------|------------------------------|-------------------------------|-------------------------------|------------------|-------------------|-----------------|
| AL1 | X | X | X | X | X | X | X | X | X | X | X | X | X | | X |
| AZ1 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| IA1 | | | | | X | X | X | X | X | X | | | X | X | X |
| IL1 | | | | X | X | X | X | X | X | X | | | X | X | |
| KS1 | | | | X | X | X | X | X | X | X | | | X | | X |
| KY1 | | | X | X | X | X | X | X | X | X | | | X | | X |
| KY2 | | | X | X | X | X | X | X | X | X | | | X | X | X |
| MA1 | | | | X | X | X | X | X | X | X | | | X | X | |
| ME1 | | | | | X | X | X | X | X | X | X | | X | | X |
| MI1 | | | | X | X | X | X | X | X | X | X | | X | X | X |
| MO1 | | | X | X | X | X | X | X | X | X | X | | X | X | |
| MT1 | | | | X | X | X | X | X | X | X | | | X | X | X |
| NC1 | X | X | X | X | X | X | X | X | X | X | X | X | X | | X |
| NE1 | | | | X | X | X | X | X | X | X | | | X | X | |
| NJ1 | | | | X | X | X | X | X | X | X | X | | X | X | X |
| NY1 | | | | X | X | X | X | X | X | X | | | X | X | X |
| OK1 | | | X | X | X | X | X | X | X | X | X | X | X | X | X |
| PA1 | | | | | X | X | X | X | X | X | | | X | X | X |
| RI1 | | | | X | X | X | X | X | X | X | X | | X | X | X |
| RI2 | | | | X | X | X | X | X | X | X | X | | X | X | |
| SC2 | X | X | X | X | X | X | X | X | X | X | X | X | X | | X |
| TX1 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| UT1 | | | | X | X | X | X | X | X | X | X | | X | | |
| VA1 | | X | X | X | X | X | X | X | X | X | X | X | X | X | |
| WA3 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | |
| WA4 | X | X | X | X | X | X | X | X | X | X | X | X | X | | |
| WI1 | | | | X | X | X | X | X | X | X | X | | X | X | X |
| WI2 | | | | X | X | X | X | X | X | X | X | | X | X | |

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 1999-2002

| LOCATION | SEEDLING VIGOR | SPRING DENSITY | SUMMER DENSITY | FALL DENSITY | PERCENT COVER SPRING | PERCENT COVER SUMMER | PERCENT COVER FALL | FROST TOLERANCE | WINTER COLOR | PERCENT WINTER KILL | WINTER KILL RATINGS | DROUGHT TOLERANCE WILTING | DROUGHT TOLERANCE DORMANCY | DROUGHT TOLERANCE RECOVERY | THATCH MEASURE- MENT |
|----------|----------------|----------------|----------------|--------------|----------------------|----------------------|--------------------|-----------------|--------------|---------------------|---------------------|---------------------------|----------------------------|----------------------------|-------------------------|
| AL1 | | | | | | | | | X | | | | | | X |
| AZ1 | | X | X | X | X | X | X | | X | | | X | X | X | X |
| IA1 | | X | | | | | | | | | | | | | |
| IL1 | | X | X | X | | | | | | | | | | | |
| KS1 | | | | | | | | | | | X | | | | |
| KY1 | X | X | X | X | X | | | | X | | | | | | |
| KY2 | X | X | X | X | X | X | X | | X | | | | | | |
| MA1 | X | | | | | | | | | | | | | | |
| ME1 | | | X | | | X | | | | | | | X | | |
| MI1 | X | X | X | X | X | X | X | | | | | | | | |
| MO1 | X | | | | X | X | X | | X | | | | | | |
| MT1 | X | X | X | X | | | | X | | | | | | | |
| NC1 | | X | X | | X | X | | | | | | | | | |
| NE1 | | X | X | X | | | | | | | | | | | |
| NJ1 | X | | X | | | | | | | | | | | | |
| NY1 | X | | X | | | | | | | X | | | | | |
| OK1 | X | X | X | X | X | X | X | | X | | | | | | |
| PA1 | X | X | | X | | | | | | | | | | | |
| RI1 | X | | | | | | | | | | | | | | |
| RI2 | | | | | | | | | | | | | | | |
| SC2 | | | | | | | | | | | | | | | |
| TX1 | | X | X | X | | | | | X | | | | | | |
| UT1 | | X | X | X | | X | | | | | | | | | |
| VA1 | | X | X | X | | | | | X | | | | X | X | |
| WA3 | | X | X | X | | | | | | | | | | | |
| WA4 | X | X | X | X | | | | | | | | | | | |
| WI1 | | X | X | X | | | | | | | | | | | |
| WI2 | | X | X | X | | | | | | | | | | | |

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 1999-2002

| LOCATION | GRAY SNOW MOLD | MICRODO- CHIUM PATCH | LEAF SPOT | DOLLAR SPOT | BROWN PATCH WARM TEMP. | PYTHIUM BLIGHT | BROWN PATCH COOL TEPM. | PINK SNOW MOLD | CUTWORM RATINGS | FALL COLOR SEPTEMBER | FALL COLOR OCTOBER | FALL COLOR NOVEMBER | FALL COLOR DECEMBER | POA ANNUA | MOWING QUALITY | SCALPING RATINGS |
|----------|----------------------|----------------------------|--------------|----------------|------------------------------|-------------------|------------------------------|----------------------|--------------------|----------------------------|--------------------------|---------------------------|---------------------------|--------------|-------------------|---------------------|
| AL1 | | | | | | | | | | | X | | | | | X |
| AZ1 | | | | | | | | | | X | X | X | X | | | |
| IA1 | | | | | | | | | | | | | | | | |
| IL1 | | | | X | | | | | | | | | | | | |
| KS1 | | | | X | X | | | | | | | | | | | |
| KY1 | | | | | | | | | | | | | | | | |
| KY2 | | | | | | | | | | | | | | | | |
| MA1 | | | | | | | | | | | | | | | | |
| ME1 | | | | X | | X | | X | X | | | | | | X | |
| MI1 | X | | | | X | | | | | | | | | | | |
| MO1 | | X | | X | | X | | | | | | | | | | |
| MT1 | | | | | | | | | | | | | | | | |
| NC1 | | | | | | X | | | | | | | | | | |
| NE1 | | | | | | | | | | | | | | | | |
| NJ1 | | | | X | X | | | X | | | | | | | | |
| NY1 | | | | | | | | | | | | | | | | |
| OK1 | | | | X | | | | X | | | | | | | | |
| PA1 | | | X | X | X | | | X | | | | | | | | |
| RI1 | | | | X | | | | | | | | | | | | |
| RI2 | | | | X | | | | | | | | | | | | |
| SC2 | | | | | | | | | | | | | | | | |
| TX1 | | | | X | | | | | | | | X | | | | X |
| UT1 | | | | | | | | X | | | | | | | | |
| VA1 | | | | X | X | | | | | | | | | | | |
| WA3 | | | | | | | | | | | | | | | | |
| WA4 | | | | | | | | X | | | | | | | | |
| WI1 | | | | X | X | | | | | | | | | | | X |
| WI2 | | | | | X | | | | | | | | | | | X |

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 1999-2002

| LOCATION | MOSS INVASION | PERCENT ESTABLISH- MENT | ESTABLISHMENT RATINGS | | ESTABLISHMENT RATINGS | | PERCENT ESTABLISHMENT | | | GROW-IN RATINGS | | | THATCH RATINGS | ROOT KNOT NOMATODE | SNOW MOLD | PATCH DISEASE | PERCENT DOLLAR SPOT |
|----------|------------------|-------------------------------|--------------------------|--------|--------------------------|--------|--------------------------|-----|--------|-----------------|--------|---|-------------------|--------------------------|--------------|------------------|---------------------------|
| | | | JULY | AUGUST | OCT 98 | MAY 99 | OCT | NOV | DEC.98 | JAN.99 | FEB.99 | | | | | | |
| AL1 | | | | | | | | | | X | X | X | | | | | X |
| AZ1 | | | | | | | | | | | | | | | | | |
| IA1 | | X | | | | | | | | | | | | | | | |
| IL1 | | X | | | | | | | | | | | | | | | |
| KS1 | | | | | | | | | | | | | | | | | |
| KY1 | | | | | | | | | | | | | | | | | X |
| KY2 | | | | | | | | | | | | | | | | | |
| MA1 | | X | | | | | | | | | | | | | | | |
| ME1 | | | | | | | | | | | | | | | | | |
| MI1 | | | | | | | | | | | | | | | | | |
| MO1 | | | | | | | | | | | | | | X | | | |
| MT1 | | | | | | | | | | | | | | | | | |
| NC1 | | X | | | | | | | | | | | | | | | |
| NE1 | | | X | X | | | | | | | | | | | | X | |
| NJ1 | | | | | | | | | | | | | | | | | |
| NY1 | | | | | | | | | | | | | | | | | X |
| OK1 | | | | | | | | | | | | | | | | | |
| PA1 | | | | | | | | | | | | | | | | | |
| RI1 | | | | | | | | | | | | | | | | | |
| RI2 | | | | | | | | | | | | | | | | | |
| SC2 | | | | | | | | X | X | | | | | | | | |
| TX1 | | | | | | | | | | | | | | | | | X |
| UT1 | X | | | | X | X | | | | | | | | | | | |
| VA1 | | X | | | | | | | | | | | | | | | |
| WA3 | | | | | | | | | | | | | | | | | |
| WA4 | | | | | | | | | | | | | | | | | |
| WI1 | | X | | | | | | | | | | | | | | | |
| WI2 | | | | | | | | | | | | | | | X | | |

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 1999-2002

| LOCATION | DOLLAR SPOT RATINGS | | | | | | | | | | | DOWNY MILDEW | PERCENT | | TAKE ALL 6/13 | TAKE ALL 6/28 | COLOR RATINGS | | |
|----------|---------------------|-----|-------|-----|------|------|-----|-----|-----|-----|-------|-----------------|---------|------|---------------------|---------------------|---------------|-----|---|
| | JAN | MAR | APRIL | MAY | JUNE | JULY | AUG | SEP | OCT | NOV | MARCH | | APRIL | JUNE | | | SEP | DEC | |
| AL1 | X | X | | | | | | | | | | | | | | | X | X | X |
| AZ1 | | | | | | | | | | | | | | | | | | | |
| IA1 | | | | | | | | | | | | | | | | | | | |
| IL1 | | | | | | | | | | | | | | | | | | | |
| KS1 | | | | | | | | | | | | | | | | | | | |
| KY1 | | | | | | | | | | | | | | | | | | | |
| KY2 | | | | | | | | | | | | | X | X | | | | | |
| MA1 | | | | | | | | | | | | | | | | | | | |
| * ME1 | | | | | | | | | X | X | | | | | | | | | |
| * MI1 | | | | | | | | | | | | | | | | | | | |
| MO1 | | | | | | | | | | | | | | | | | | | |
| MT1 | | | | | | | | | | | | | | | | | | | |
| NC1 | | | | | | | | | | | | | | | | | | | |
| NE1 | | | | | | | | | | | | | | | | | | | |
| * NJ1 | | | | | | | | | X | X | | | | | | | | | |
| NY1 | | | | | | | | | | | | | | | | | | | |
| OK1 | | | X | X | | | | | | | | | | | | | | | |
| PA1 | | | | X | | | | X | | | | | | | | | | | |
| RI1 | | | | | | | | | | | | | | | | | | | |
| RI2 | | | | | | | | | | | | | | | | | | | |
| SC2 | | | | | | | | | | | | | | | | | | | |
| TX1 | | | | | | | | | X | | X | | | | | | | | |
| UT1 | | | | | | | | | | | | | | | | | | | |
| VA1 | | | | | | | | | | | | | | | | | | | |
| WA3 | | | | | | | | | | | | | | | | | | | |
| WA4 | | | | | | | | | | | | X | | | | | | | |
| WI1 | | | | | X | X | | | | | | | | | X | X | | | |
| * WI2 | | | | | | | | | | | | | | | X | X | | | |

* MORE DOLLAR SPOT DATA FOR MI1 IN TABLE 53.
 * MORE DOLLAR SPOT DATA FOR NJ1 IN TABLE 55.
 * MORE DOLLAR SPOT DATA FOR WI2 IN TABLE 60.
 * MORE DOLLAR SPOT DATA FOR VA1 IN TABLE 61.
 * MORE DOLLAR SPOT DATA FOR KY2 IN TABLE 62.
 * MORE BROWN PATCH DATA FOR ME1 IN TABLE 66.

TABLE 1. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON A SAND GREEN AT FOURTEEN LOCATIONS IN THE U.S. 1/
1999-2002 DATA

| NAME | TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/ | | | | | | | | | | | | | | |
|-------------------------|--|-----|-----|------|------|------|-----|-----|------|-----|-----|------|-----|-----|------|
| | AL1 | AZ1 | KY1 | MO1 | NC1 | NJ1 | OK1 | PA1 | RI1 | SC2 | TX1 | UT1 | VA1 | WA3 | MEAN |
| * PENN A-1 | 6.3 | 7.0 | 7.8 | 4.8 | 4.2 | 7.0 | 7.4 | 7.4 | 7.1 | 8.1 | 6.5 | 4.9 | 6.0 | 5.8 | 6.5 |
| * PENN A-4 | 6.2 | 7.6 | 7.2 | 5.0 | 4.6 | 6.1 | 7.1 | 7.4 | 7.2 | 8.2 | 6.3 | 5.1 | 5.6 | 6.1 | 6.4 |
| * PENN G-1 | 6.2 | 7.0 | 7.4 | 5.7 | 5.8 | 6.3 | 7.0 | 7.1 | 6.7 | 7.8 | 6.3 | 4.7 | 6.0 | 6.0 | 6.4 |
| * PENN A-2 | 6.3 | 7.0 | 7.7 | 5.4 | 5.4 | 5.9 | 7.1 | 7.0 | 7.2 | 8.1 | 6.3 | 4.5 | 6.1 | 5.7 | 6.4 |
| PST-A2E | 6.6 | 6.6 | 7.0 | 5.2 | 4.6 | 6.1 | 6.8 | 6.8 | 6.9 | 7.8 | 6.2 | 4.8 | 5.8 | 5.8 | 6.2 |
| * L-93 | 6.0 | 6.7 | 7.2 | 5.5 | 5.0 | 6.0 | 7.1 | 6.9 | 7.0 | 7.9 | 6.4 | 4.8 | 5.8 | 4.9 | 6.2 |
| SYN 96-3 | 5.7 | 6.1 | 6.2 | 5.1 | 4.8 | 6.0 | 6.9 | 7.8 | 6.8 | 7.9 | 6.1 | 5.3 | 6.0 | 5.7 | 6.1 |
| * PENN G-6 | 5.8 | 6.5 | 6.9 | 5.2 | 4.8 | 6.0 | 7.0 | 7.2 | 7.1 | 7.5 | 6.0 | 4.7 | 5.8 | 5.5 | 6.1 |
| SYN 96-1 | 5.5 | 6.4 | 6.5 | 5.2 | 5.1 | 5.6 | 6.6 | 7.8 | 6.8 | 7.9 | 6.0 | 5.1 | 5.6 | 5.6 | 6.1 |
| * BENGAL (BAR AS 8FUS2) | 6.2 | 7.0 | 6.9 | 5.3 | 5.2 | 5.6 | 6.8 | 7.0 | 6.8 | 7.8 | 5.9 | 4.4 | 5.3 | 5.3 | 6.1 |
| SYN 96-2 | 5.2 | 6.5 | 6.6 | 4.5 | 4.8 | 5.7 | 6.4 | 7.7 | 6.7 | 8.0 | 5.9 | 4.8 | 5.6 | 5.3 | 5.9 |
| ISI AP-5 | 6.0 | 7.0 | 6.6 | 4.6 | 5.2 | 5.4 | 6.9 | 6.9 | 5.6 | 7.8 | 6.2 | 4.4 | 5.4 | 5.5 | 5.9 |
| SRX 1NJH | 5.8 | 6.4 | 7.3 | 4.0 | 5.1 | 5.5 | 7.0 | 6.6 | 6.0 | 7.9 | 5.8 | 4.2 | 6.0 | 5.3 | 5.9 |
| * IMPERIAL | 5.6 | 6.7 | 6.2 | 4.3 | 5.3 | 5.2 | 6.5 | 6.7 | 6.5 | 7.8 | 6.0 | 4.6 | 5.6 | 5.5 | 5.8 |
| BAR CB 8US3 | 6.1 | 6.8 | 6.2 | 5.7 | 5.4 | 5.0 | 6.6 | 6.4 | 5.0 | 7.9 | 5.5 | 4.5 | 5.0 | 5.6 | 5.8 |
| * CENTURY | 5.9 | 6.4 | 6.2 | 5.3 | 4.5 | 5.1 | 6.2 | 7.0 | 6.0 | 7.7 | 5.9 | 4.4 | 5.2 | 5.5 | 5.8 |
| * BRIGHTON (SRX 1120) | 5.8 | 6.3 | 6.4 | 5.4 | 5.4 | 5.1 | 6.9 | 6.2 | 6.2 | 7.7 | 5.4 | 4.3 | 5.3 | 5.7 | 5.8 |
| * SR 1119 | 5.5 | 6.4 | 6.7 | 5.3 | 4.9 | 5.5 | 6.8 | 6.5 | 6.0 | 7.8 | 5.6 | 4.1 | 5.2 | 5.2 | 5.8 |
| SRX 1BPAA | 5.9 | 6.3 | 6.7 | 4.6 | 5.4 | 4.7 | 6.8 | 6.1 | 6.4 | 7.8 | 5.5 | 4.6 | 5.4 | 5.6 | 5.8 |
| PICK CB 13-94 | 5.9 | 6.4 | 6.2 | 4.8 | 4.9 | 4.5 | 6.7 | 6.4 | 6.3 | 7.5 | 6.0 | 4.4 | 5.8 | 5.0 | 5.7 |
| * ABT-CRB-1 | 4.7 | 5.8 | 6.9 | 4.1 | 4.7 | 5.9 | 6.8 | 6.9 | 5.8 | 7.8 | 6.1 | 4.6 | 5.0 | 5.2 | 5.7 |
| * PROVIDENCE | 5.5 | 6.7 | 6.0 | 4.5 | 5.6 | 4.9 | 6.6 | 6.3 | 5.8 | 7.7 | 5.6 | 4.7 | 5.1 | 5.5 | 5.7 |
| * BACKSPIN | 5.7 | 6.4 | 5.9 | 4.9 | 4.7 | 5.0 | 6.3 | 6.4 | 5.9 | 7.6 | 5.7 | 4.3 | 5.3 | 5.3 | 5.6 |
| * CRENSHAW | 5.4 | 6.6 | 6.0 | 5.2 | 5.4 | 4.7 | 6.3 | 6.2 | 5.8 | 7.9 | 5.4 | 4.4 | 5.4 | 4.7 | 5.6 |
| * VESPER (PICK MVB) | 5.4 | 4.8 | 4.2 | 4.3 | 4.8 | 6.7 | 4.9 | 5.7 | 7.4 | 7.4 | 4.4 | 2.6 | 5.2 | 6.9 | 5.2 |
| * PENNLINKS | 5.3 | 5.6 | 5.5 | 5.2 | 5.4 | 3.6 | 6.1 | 5.4 | 5.5 | 6.9 | 5.3 | 3.5 | 5.0 | 4.4 | 5.1 |
| * PENNCROSS | 4.9 | 5.6 | 5.2 | 5.1 | 5.7 | 3.6 | 6.2 | 5.2 | 5.1 | 6.7 | 5.6 | 3.1 | 5.2 | 4.3 | 5.0 |
| * SR 7200 | 4.8 | 4.3 | 4.1 | 4.5 | 4.7 | 7.1 | 4.8 | 4.3 | 7.3 | 7.4 | 4.7 | 2.4 | 5.2 | 6.7 | 5.0 |
| * BAVARIA | 3.6 | 4.5 | 4.1 | 4.0 | 3.9 | 2.4 | 2.6 | 1.8 | 4.5 | 6.4 | 4.3 | 2.5 | 4.2 | 3.1 | 3.5 |
| LSD VALUE | 0.9 | 0.9 | 0.7 | 1.1 | 1.0 | 0.9 | 0.5 | 0.7 | 1.0 | 0.3 | 0.6 | 1.2 | 0.7 | 0.6 | 0.2 |
| C.V. (%) | 9.4 | 8.7 | 6.8 | 14.5 | 11.9 | 10.4 | 5.2 | 7.2 | 10.1 | 2.3 | 6.8 | 16.9 | 7.8 | 6.4 | 9.0 |

* COMMERCIALY AVAILABLE IN THE USA IN 2003.

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

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

TABLE 2. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON A SOIL GREEN AT TEN LOCATIONS IN THE U.S. 1/
1999-2002 DATA

| NAME | TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/ | | | | | | | | | | MEAN |
|-----------------------|--|-----|------|-----|-----|-----|------|-----|-----|------|------|
| | IA1 | IL1 | KS1 | MA1 | ME1 | MI1 | MT1 | NE1 | NY1 | WI1 | |
| L-93 | 6.8 | 5.2 | 6.4 | 6.5 | 6.6 | 6.8 | 6.1 | 6.9 | 6.7 | 5.2 | 6.3 |
| PENN A-1 | 6.6 | 5.1 | 6.0 | 6.4 | 6.8 | 6.8 | 6.2 | 7.1 | 6.4 | 5.5 | 6.3 |
| PENN G-1 | 6.5 | 5.0 | 5.9 | 6.4 | 6.8 | 6.5 | 6.0 | 6.8 | 6.8 | 5.3 | 6.2 |
| PENN A-4 | 6.8 | 5.0 | 5.2 | 6.4 | 6.7 | 6.7 | 6.1 | 7.1 | 6.5 | 5.6 | 6.2 |
| SYN 96-2 | 7.2 | 5.0 | 5.2 | 6.2 | 6.8 | 6.4 | 6.0 | 6.9 | 6.7 | 5.4 | 6.2 |
| PENN A-2 | 6.7 | 5.2 | 5.8 | 6.5 | 6.5 | 6.7 | 6.1 | 6.8 | 6.5 | 5.1 | 6.2 |
| PENN G-6 | 6.4 | 5.1 | 6.2 | 6.4 | 6.7 | 6.4 | 6.0 | 6.9 | 6.6 | 4.9 | 6.2 |
| SYN 96-1 | 7.0 | 5.1 | 5.4 | 6.2 | 6.7 | 6.4 | 6.4 | 6.4 | 6.8 | 5.1 | 6.1 |
| BENGAL (BAR AS 8FUS2) | 6.9 | 5.2 | 5.6 | 6.1 | 6.8 | 6.4 | 5.2 | 7.0 | 6.5 | 5.1 | 6.1 |
| ISI AP-5 | 6.4 | 4.9 | 5.6 | 6.2 | 6.8 | 6.4 | 5.8 | 6.6 | 6.7 | 5.6 | 6.1 |
| SYN 96-3 | 6.8 | 4.8 | 5.6 | 5.7 | 6.8 | 6.5 | 6.0 | 7.0 | 6.3 | 5.2 | 6.1 |
| PST-A2E | 6.7 | 4.6 | 5.8 | 5.9 | 6.7 | 6.6 | 5.7 | 6.4 | 6.5 | 5.4 | 6.0 |
| CENTURY | 7.0 | 5.0 | 5.1 | 6.0 | 6.8 | 6.2 | 5.8 | 6.2 | 6.7 | 4.9 | 6.0 |
| ABT-CRB-1 | 6.7 | 4.5 | 5.1 | 5.5 | 6.9 | 6.5 | 5.9 | 7.0 | 6.4 | 5.2 | 6.0 |
| CRENSHAW | 6.9 | 4.7 | 5.2 | 6.1 | 6.7 | 5.9 | 6.1 | 6.4 | 6.6 | 5.1 | 6.0 |
| IMPERIAL | 6.9 | 4.9 | 5.5 | 6.1 | 6.4 | 6.4 | 5.7 | 6.1 | 6.4 | 5.0 | 5.9 |
| SRX 1NJH | 6.3 | 4.9 | 5.7 | 6.0 | 7.1 | 6.4 | 5.4 | 5.7 | 6.7 | 5.1 | 5.9 |
| SR 1119 | 6.1 | 4.8 | 5.7 | 5.8 | 6.7 | 6.3 | 6.1 | 6.0 | 6.8 | 5.0 | 5.9 |
| PICK CB 13-94 | 6.1 | 4.9 | 5.4 | 6.1 | 6.7 | 6.2 | 5.9 | 6.0 | 6.5 | 5.4 | 5.9 |
| BRIGHTON (SRX 1120) | 5.9 | 4.9 | 5.5 | 6.1 | 6.7 | 6.3 | 5.4 | 6.3 | 6.6 | 5.1 | 5.9 |
| SRX 1BPAA | 5.8 | 4.4 | 5.2 | 5.6 | 6.9 | 6.4 | 6.0 | 6.4 | 6.6 | 5.4 | 5.9 |
| BAR CB 8US3 | 6.3 | 4.8 | 5.2 | 6.1 | 6.3 | 6.2 | 5.4 | 6.1 | 6.5 | 5.2 | 5.8 |
| PROVIDENCE | 6.2 | 5.0 | 5.3 | 5.8 | 6.3 | 6.1 | 5.5 | 6.0 | 6.2 | 5.0 | 5.7 |
| BACKSPIN | 6.2 | 4.8 | 5.3 | 6.0 | 6.5 | 5.9 | 5.9 | 5.8 | 6.4 | 4.8 | 5.7 |
| PENNLINKS | 5.4 | 4.4 | 5.3 | 6.1 | 6.5 | 5.9 | 5.9 | 5.4 | 6.3 | 4.9 | 5.6 |
| PENNCROSS | 5.2 | 4.5 | 5.5 | 5.8 | 6.3 | 5.9 | 6.0 | 5.0 | 6.4 | 5.0 | 5.5 |
| VESPER (PICK MVB) | 4.8 | 3.6 | 5.3 | 6.7 | 8.5 | 6.6 | 5.7 | 2.4 | 6.6 | 5.5 | 5.5 |
| SR 7200 | 4.7 | 4.0 | 5.3 | 6.6 | 8.2 | 6.4 | 5.2 | 2.2 | 6.4 | 4.8 | 5.3 |
| BAVARIA | 4.6 | 3.2 | 5.0 | 5.4 | 5.9 | 5.9 | 4.6 | 2.4 | 5.9 | 4.0 | 4.7 |
| LSD VALUE | 0.7 | 0.7 | 1.0 | 0.4 | 0.6 | 0.5 | 1.1 | 0.9 | 0.8 | 1.0 | 0.3 |
| C.V. (%) | 7.0 | 8.7 | 11.1 | 4.6 | 5.7 | 4.8 | 12.4 | 9.1 | 7.8 | 12.8 | 8.8 |

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 3. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON A GREEN AT ELEVEN LOCATIONS USING 2.0-4.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/ 1999-2002 DATA

| NAME | TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/ | | | | | | | | | | | |
|-----------------------|--|-----|------|------|------|------|------|------|------|------|------|------|
| | AZ1 | IA1 | IL1 | KS1 | KY1 | MO1 | MT1 | NJ1 | NY1 | RI1 | WI1 | MEAN |
| PENN A-1 | 7.0 | 6.6 | 5.1 | 6.0 | 7.8 | 4.8 | 6.2 | 7.0 | 6.4 | 7.1 | 5.5 | 6.3 |
| L-93 | 6.7 | 6.8 | 5.2 | 6.4 | 7.2 | 5.5 | 6.1 | 6.0 | 6.7 | 7.0 | 5.2 | 6.2 |
| PENN G-1 | 7.0 | 6.5 | 5.0 | 5.9 | 7.4 | 5.7 | 6.0 | 6.3 | 6.8 | 6.7 | 5.3 | 6.2 |
| PENN A-2 | 7.0 | 6.7 | 5.2 | 5.8 | 7.7 | 5.4 | 6.1 | 5.9 | 6.5 | 7.2 | 5.1 | 6.2 |
| PENN A-4 | 7.6 | 6.8 | 5.0 | 5.2 | 7.2 | 5.0 | 6.1 | 6.1 | 6.5 | 7.2 | 5.6 | 6.2 |
| PENN G-6 | 6.5 | 6.4 | 5.1 | 6.2 | 6.9 | 5.2 | 6.0 | 6.0 | 6.6 | 7.1 | 4.9 | 6.1 |
| PST-A2E | 6.6 | 6.7 | 4.6 | 5.8 | 7.0 | 5.2 | 5.7 | 6.1 | 6.5 | 6.9 | 5.4 | 6.0 |
| SYN 96-1 | 6.4 | 7.0 | 5.1 | 5.4 | 6.5 | 5.2 | 6.4 | 5.6 | 6.8 | 6.8 | 5.1 | 6.0 |
| BENGAL (BAR AS 8FUS2) | 7.0 | 6.9 | 5.2 | 5.6 | 6.9 | 5.3 | 5.2 | 5.6 | 6.5 | 6.8 | 5.1 | 6.0 |
| SYN 96-2 | 6.5 | 7.2 | 5.0 | 5.2 | 6.6 | 4.5 | 6.0 | 5.7 | 6.7 | 6.7 | 5.4 | 6.0 |
| SYN 96-3 | 6.1 | 6.8 | 4.8 | 5.6 | 6.2 | 5.1 | 6.0 | 6.0 | 6.3 | 6.8 | 5.2 | 5.9 |
| SR 1119 | 6.4 | 6.1 | 4.8 | 5.7 | 6.7 | 5.3 | 6.1 | 5.5 | 6.8 | 6.0 | 5.0 | 5.8 |
| ISI AP-5 | 7.0 | 6.4 | 4.9 | 5.6 | 6.6 | 4.6 | 5.8 | 5.4 | 6.7 | 5.6 | 5.6 | 5.8 |
| CENTURY | 6.4 | 7.0 | 5.0 | 5.1 | 6.2 | 5.3 | 5.8 | 5.1 | 6.7 | 6.0 | 4.9 | 5.8 |
| IMPERIAL | 6.7 | 6.9 | 4.9 | 5.5 | 6.2 | 4.3 | 5.7 | 5.2 | 6.4 | 6.5 | 5.0 | 5.8 |
| SRX 1NJH | 6.4 | 6.3 | 4.9 | 5.7 | 7.3 | 4.0 | 5.4 | 5.5 | 6.7 | 6.0 | 5.1 | 5.7 |
| CRENSHAW | 6.6 | 6.9 | 4.7 | 5.2 | 6.0 | 5.2 | 6.1 | 4.7 | 6.6 | 5.8 | 5.1 | 5.7 |
| BRIGHTON (SRX 1120) | 6.3 | 5.9 | 4.9 | 5.5 | 6.4 | 5.4 | 5.4 | 5.1 | 6.6 | 6.2 | 5.1 | 5.7 |
| PICK CB 13-94 | 6.4 | 6.1 | 4.9 | 5.4 | 6.2 | 4.8 | 5.9 | 4.5 | 6.5 | 6.3 | 5.4 | 5.7 |
| ABT-CRB-1 | 5.8 | 6.7 | 4.5 | 5.1 | 6.9 | 4.1 | 5.9 | 5.9 | 6.4 | 5.8 | 5.2 | 5.7 |
| SRX 1BPAA | 6.3 | 5.8 | 4.4 | 5.2 | 6.7 | 4.6 | 6.0 | 4.7 | 6.6 | 6.4 | 5.4 | 5.6 |
| BAR CB 8US3 | 6.8 | 6.3 | 4.8 | 5.2 | 6.2 | 5.7 | 5.4 | 5.0 | 6.5 | 5.0 | 5.2 | 5.6 |
| BACKSPIN | 6.4 | 6.2 | 4.8 | 5.3 | 5.9 | 4.9 | 5.9 | 5.0 | 6.4 | 5.9 | 4.8 | 5.6 |
| PROVIDENCE | 6.7 | 6.2 | 5.0 | 5.3 | 6.0 | 4.5 | 5.5 | 4.9 | 6.2 | 5.8 | 5.0 | 5.5 |
| VESPER (PICK MVB) | 4.8 | 4.8 | 3.6 | 5.3 | 4.2 | 4.3 | 5.7 | 6.7 | 6.6 | 7.4 | 5.5 | 5.3 |
| SR 7200 | 4.3 | 4.7 | 4.0 | 5.3 | 4.1 | 4.5 | 5.2 | 7.1 | 6.4 | 7.3 | 4.8 | 5.2 |
| PENNLINKS | 5.6 | 5.4 | 4.4 | 5.3 | 5.5 | 5.2 | 5.9 | 3.6 | 6.3 | 5.5 | 4.9 | 5.2 |
| PENNCROSS | 5.6 | 5.2 | 4.5 | 5.5 | 5.2 | 5.1 | 6.0 | 3.6 | 6.4 | 5.1 | 5.0 | 5.2 |
| BAVARIA | 4.5 | 4.6 | 3.2 | 5.0 | 4.1 | 4.0 | 4.6 | 2.4 | 5.9 | 4.5 | 4.0 | 4.3 |
| LSD VALUE | 0.6 | 0.4 | 0.4 | 0.7 | 0.5 | 0.7 | 0.8 | 0.5 | 0.6 | 1.0 | 0.8 | 0.2 |
| C.V. (%) | 11.8 | 8.0 | 10.7 | 15.0 | 10.5 | 17.8 | 14.1 | 11.5 | 11.0 | 14.0 | 18.2 | 12.9 |

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

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

TABLE 4. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON
A GREEN AT EIGHT LOCATIONS
USING 4.1-6.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/
1999-2002 DATA

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

| NAME | MA1 | ME1 | MI1 | NE1 | OK1 | PA1 | UT1 | VA1 | MEAN |
|-----------------------|-----|-----|-----|-----|-----|-----|------|-----|------|
| PENN A-1 | 6.4 | 6.8 | 6.8 | 7.1 | 7.4 | 7.4 | 4.9 | 6.0 | 6.6 |
| SYN 96-3 | 5.7 | 6.8 | 6.5 | 7.0 | 6.9 | 7.8 | 5.3 | 6.0 | 6.5 |
| PENN A-4 | 6.4 | 6.7 | 6.7 | 7.1 | 7.1 | 7.4 | 5.1 | 5.6 | 6.5 |
| PENN G-1 | 6.4 | 6.8 | 6.5 | 6.8 | 7.0 | 7.1 | 4.7 | 6.0 | 6.4 |
| L-93 | 6.5 | 6.6 | 6.8 | 6.9 | 7.1 | 6.9 | 4.8 | 5.8 | 6.4 |
| PENN A-2 | 6.5 | 6.5 | 6.7 | 6.8 | 7.1 | 7.0 | 4.5 | 6.1 | 6.4 |
| PENN G-6 | 6.4 | 6.7 | 6.4 | 6.9 | 7.0 | 7.2 | 4.7 | 5.8 | 6.4 |
| SYN 96-2 | 6.2 | 6.8 | 6.4 | 6.9 | 6.4 | 7.7 | 4.8 | 5.6 | 6.4 |
| SYN 96-1 | 6.2 | 6.7 | 6.4 | 6.4 | 6.6 | 7.8 | 5.1 | 5.6 | 6.4 |
| PST-A2E | 5.9 | 6.7 | 6.6 | 6.4 | 6.8 | 6.8 | 4.8 | 5.8 | 6.2 |
| BENGAL (BAR AS 8FUS2) | 6.1 | 6.8 | 6.4 | 7.0 | 6.8 | 7.0 | 4.4 | 5.3 | 6.2 |
| ISI AP-5 | 6.2 | 6.8 | 6.4 | 6.6 | 6.9 | 6.9 | 4.4 | 5.4 | 6.2 |
| ABT-CRB-1 | 5.5 | 6.9 | 6.5 | 7.0 | 6.8 | 6.9 | 4.6 | 5.0 | 6.2 |
| SRX 1NJH | 6.0 | 7.1 | 6.4 | 5.7 | 7.0 | 6.6 | 4.2 | 6.0 | 6.1 |
| IMPERIAL | 6.1 | 6.4 | 6.4 | 6.1 | 6.5 | 6.7 | 4.6 | 5.6 | 6.0 |
| SRX 1BPAA | 5.6 | 6.9 | 6.4 | 6.4 | 6.8 | 6.1 | 4.6 | 5.4 | 6.0 |
| PICK CB 13-94 | 6.1 | 6.7 | 6.2 | 6.0 | 6.7 | 6.4 | 4.4 | 5.8 | 6.0 |
| CENTURY | 6.0 | 6.8 | 6.2 | 6.2 | 6.2 | 7.0 | 4.4 | 5.2 | 6.0 |
| BRIGHTON (SRX 1120) | 6.1 | 6.7 | 6.3 | 6.3 | 6.9 | 6.2 | 4.3 | 5.3 | 6.0 |
| SR 1119 | 5.8 | 6.7 | 6.3 | 6.0 | 6.8 | 6.5 | 4.1 | 5.2 | 5.9 |
| BAR CB 8US3 | 6.1 | 6.3 | 6.2 | 6.1 | 6.6 | 6.4 | 4.5 | 5.0 | 5.9 |
| CRENSHAW | 6.1 | 6.7 | 5.9 | 6.4 | 6.3 | 6.2 | 4.4 | 5.4 | 5.9 |
| PROVIDENCE | 5.8 | 6.3 | 6.1 | 6.0 | 6.6 | 6.3 | 4.7 | 5.1 | 5.9 |
| BACKSPIN | 6.0 | 6.5 | 5.9 | 5.8 | 6.3 | 6.4 | 4.3 | 5.3 | 5.8 |
| PENNLINKS | 6.1 | 6.5 | 5.9 | 5.4 | 6.1 | 5.4 | 3.5 | 5.0 | 5.5 |
| PENNCROSS | 5.8 | 6.3 | 5.9 | 5.0 | 6.2 | 5.2 | 3.1 | 5.2 | 5.3 |
| VESPER (PICK MVB) | 6.7 | 8.5 | 6.6 | 2.4 | 4.9 | 5.7 | 2.6 | 5.2 | 5.2 |
| SR 7200 | 6.6 | 8.2 | 6.4 | 2.2 | 4.8 | 4.3 | 2.4 | 5.2 | 4.9 |
| BAVARIA | 5.4 | 5.9 | 5.9 | 2.4 | 2.6 | 1.8 | 2.5 | 4.2 | 3.7 |
| LSD VALUE | 0.4 | 0.6 | 0.5 | 0.9 | 0.5 | 0.7 | 1.2 | 0.7 | 0.3 |
| C.V. (%) | 4.6 | 5.7 | 4.8 | 9.1 | 5.2 | 7.2 | 16.9 | 7.8 | 7.9 |

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

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

TABLE 5. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON
A GREEN AT FIVE LOCATIONS
USING 6.1+ LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/
1999-2002 DATA

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

| NAME | AL1 | NC1 | SC2 | TX1 | WA3 | MEAN |
|-----------------------|-----|------|-----|-----|-----|------|
| PENN A-4 | 6.2 | 4.6 | 8.2 | 6.3 | 6.1 | 6.4 |
| PENN G-1 | 6.2 | 5.8 | 7.8 | 6.3 | 6.0 | 6.4 |
| PENN A-1 | 6.3 | 4.2 | 8.1 | 6.5 | 5.8 | 6.4 |
| PENN A-2 | 6.3 | 5.4 | 8.1 | 6.3 | 5.7 | 6.3 |
| PST-A2E | 6.6 | 4.6 | 7.8 | 6.2 | 5.8 | 6.3 |
| ISI AP-5 | 6.0 | 5.2 | 7.8 | 6.2 | 5.5 | 6.1 |
| SYN 96-3 | 5.7 | 4.8 | 7.9 | 6.1 | 5.7 | 6.1 |
| BENGAL (BAR AS 8FUS2) | 6.2 | 5.2 | 7.8 | 5.9 | 5.3 | 6.0 |
| L-93 | 6.0 | 5.0 | 7.9 | 6.4 | 4.9 | 6.0 |
| BAR CB 8US3 | 6.1 | 5.4 | 7.9 | 5.5 | 5.6 | 6.0 |
| SYN 96-1 | 5.5 | 5.1 | 7.9 | 6.0 | 5.6 | 6.0 |
| PENN G-6 | 5.8 | 4.8 | 7.5 | 6.0 | 5.5 | 6.0 |
| IMPERIAL | 5.6 | 5.3 | 7.8 | 6.0 | 5.5 | 5.9 |
| SRX 1BPAA | 5.9 | 5.4 | 7.8 | 5.5 | 5.6 | 5.9 |
| CENTURY | 5.9 | 4.5 | 7.7 | 5.9 | 5.5 | 5.9 |
| SRX 1NJH | 5.8 | 5.1 | 7.9 | 5.8 | 5.3 | 5.9 |
| BRIGHTON (SRX 1120) | 5.8 | 5.4 | 7.7 | 5.4 | 5.7 | 5.8 |
| PICK CB 13-94 | 5.9 | 4.9 | 7.5 | 6.0 | 5.0 | 5.8 |
| VESPER (PICK MVB) | 5.4 | 4.8 | 7.4 | 4.4 | 6.9 | 5.8 |
| BACKSPIN | 5.7 | 4.7 | 7.6 | 5.7 | 5.3 | 5.8 |
| PROVIDENCE | 5.5 | 5.6 | 7.7 | 5.6 | 5.5 | 5.8 |
| SYN 96-2 | 5.2 | 4.8 | 8.0 | 5.9 | 5.3 | 5.8 |
| SR 1119 | 5.5 | 4.9 | 7.8 | 5.6 | 5.2 | 5.7 |
| ABT-CRB-1 | 4.7 | 4.7 | 7.8 | 6.1 | 5.2 | 5.6 |
| SR 7200 | 4.8 | 4.7 | 7.4 | 4.7 | 6.7 | 5.6 |
| CRENSHAW | 5.4 | 5.4 | 7.9 | 5.4 | 4.7 | 5.5 |
| PENNLINKS | 5.3 | 5.4 | 6.9 | 5.3 | 4.4 | 5.3 |
| PENNCROSS | 4.9 | 5.7 | 6.7 | 5.6 | 4.3 | 5.2 |
| BAVARIA | 3.6 | 3.9 | 6.4 | 4.3 | 3.1 | 4.0 |
| LSD VALUE | 0.9 | 1.0 | 0.3 | 0.6 | 0.6 | 0.4 |
| C.V. (%) | 9.4 | 11.9 | 2.3 | 6.8 | 6.4 | 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 6. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON A GREEN AT FOUR LOCATIONS WITHOUT FUNGICIDES IN THE U.S. 1/
1999-2002 DATA

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

| NAME | KY2 | RI2 | WA4 | WI2 | MEAN |
|-----------------------|-----|------|-----|------|------|
| PENN A-1 | 6.8 | 4.9 | 5.3 | 5.0 | 5.6 |
| PENN A-2 | 6.8 | 4.3 | 5.3 | 4.9 | 5.5 |
| L-93 | 6.8 | 4.8 | 4.9 | 5.1 | 5.5 |
| PST-A2E | 6.3 | 4.4 | 5.4 | 5.1 | 5.5 |
| PENN G-1 | 6.5 | 4.0 | 5.3 | 4.9 | 5.4 |
| PENN A-4 | 6.4 | 4.2 | 5.3 | 4.9 | 5.4 |
| PENN G-6 | 6.3 | 4.7 | 5.2 | 4.7 | 5.4 |
| SRX 1BPAA | 6.2 | 4.1 | 5.3 | 5.0 | 5.3 |
| ISI AP-5 | 6.2 | 4.0 | 5.1 | 5.1 | 5.3 |
| SRX 1NJH | 6.4 | 3.7 | 5.0 | 4.6 | 5.2 |
| SR 1119 | 6.2 | 4.3 | 4.8 | 4.7 | 5.1 |
| PICK CB 13-94 | 5.6 | 4.4 | 4.9 | 5.0 | 5.1 |
| SYN 96-3 | 5.7 | 4.3 | 5.2 | 4.7 | 5.1 |
| ABT-CRB-1 | 6.2 | 3.8 | 4.9 | 4.6 | 5.1 |
| BRIGHTON (SRX 1120) | 5.9 | 3.5 | 5.2 | 4.7 | 5.1 |
| BENGAL (BAR AS 8FUS2) | 6.0 | 3.6 | 5.0 | 4.8 | 5.0 |
| VESPER (PICK MVB) | 4.0 | 4.5 | 6.3 | 5.1 | 5.0 |
| SYN 96-1 | 5.7 | 4.1 | 5.2 | 4.5 | 5.0 |
| IMPERIAL | 5.7 | 4.2 | 5.1 | 4.4 | 5.0 |
| SR 7200 | 3.9 | 5.3 | 6.2 | 4.7 | 5.0 |
| BAR CB 8US3 | 5.5 | 3.5 | 5.4 | 4.5 | 4.9 |
| SYN 96-2 | 5.7 | 3.4 | 5.0 | 4.6 | 4.9 |
| CENTURY | 5.6 | 3.5 | 5.1 | 4.3 | 4.8 |
| BACKSPIN | 5.5 | 4.1 | 4.8 | 4.4 | 4.8 |
| PROVIDENCE | 5.6 | 3.4 | 5.1 | 4.3 | 4.8 |
| PENNLINKS | 5.3 | 4.6 | 4.3 | 4.7 | 4.7 |
| CRENSHAW | 5.3 | 4.1 | 4.6 | 4.3 | 4.7 |
| PENNCROSS | 4.8 | 4.1 | 4.3 | 4.7 | 4.5 |
| BAVARIA | 3.9 | 4.2 | 3.2 | 3.8 | 3.7 |
| LSD VALUE | 0.5 | 1.0 | 0.5 | 0.8 | 0.4 |
| C.V. (%) | 5.9 | 14.4 | 6.5 | 10.2 | 8.4 |

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 7.

GENETIC COLOR RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

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

| NAME | AL1 | AZ1 | IA1 | IL1 | KS1 | KY1 | KY2 | MA1 | ME1 | MI1 | MO1 | MT1 | NC1 | NE1 | NJ1 | NY1 | OK1 | PA1 | RI1 | RI2 | SC2 | TX1 | UT1 | VA1 | WA3 | WA4 | WI1 | WI2 | MEAN |
|-----------------------|------|-----|-----|------|------|------|------|------|-----|-----|------|------|-----|------|------|-----|-----|-----|------|-----|-----|-----|------|------|-----|-----|-----|-----|------|
| PENN A-2 | 6.6 | 7.0 | 6.7 | 6.0 | 6.7 | 8.7 | 8.0 | 7.7 | 7.1 | 6.3 | 6.6 | 6.9 | 7.0 | 7.8 | 6.8 | 7.0 | 7.8 | 6.8 | 6.7 | 6.7 | 7.8 | 7.1 | 4.1 | 6.8 | 6.8 | 6.7 | 6.6 | 6.6 | 6.9 |
| SYN 96-2 | 6.8 | 6.5 | 7.4 | 5.8 | 6.3 | 7.9 | 7.4 | 6.3 | 7.2 | 6.5 | 5.9 | 7.3 | 6.3 | 7.7 | 7.2 | 7.0 | 7.8 | 7.2 | 7.0 | 7.3 | 8.2 | 7.3 | 4.9 | 6.6 | 7.1 | 6.7 | 6.6 | 6.3 | 6.9 |
| L-93 | 6.8 | 5.9 | 6.9 | 6.1 | 7.0 | 8.0 | 8.0 | 8.3 | 7.3 | 6.3 | 6.8 | 7.1 | 6.7 | 8.0 | 6.3 | 7.3 | 7.3 | 6.0 | 7.2 | 6.7 | 8.2 | 6.9 | 5.6 | 6.8 | 6.6 | 7.3 | 6.4 | 6.3 | 6.9 |
| PST-A2E | 7.0 | 6.3 | 6.8 | 6.0 | 6.7 | 8.0 | 7.7 | 5.7 | 6.8 | 6.3 | 6.1 | 6.8 | 8.0 | 7.4 | 7.0 | 6.7 | 7.4 | 6.8 | 7.3 | 8.0 | 7.8 | 7.1 | 5.0 | 6.8 | 7.3 | 7.0 | 6.7 | 6.6 | 6.8 |
| SRX 1NJH | 6.9 | 6.3 | 6.5 | 6.1 | 6.3 | 8.3 | 7.9 | 5.0 | 7.6 | 6.7 | 6.2 | 6.6 | 7.0 | 8.0 | 6.3 | 7.0 | 7.5 | 7.0 | 7.5 | 7.3 | 8.2 | 6.9 | 4.6 | 7.1 | 7.2 | 7.0 | 6.3 | 6.1 | 6.8 |
| PENN G-1 | 6.6 | 6.2 | 6.9 | 5.5 | 6.7 | 8.3 | 7.8 | 8.0 | 7.3 | 6.0 | 6.7 | 6.9 | 7.3 | 7.6 | 7.4 | 7.0 | 7.3 | 6.5 | 6.7 | 7.3 | 7.7 | 6.7 | 5.3 | 6.7 | 7.0 | 6.7 | 6.6 | 6.3 | 6.8 |
| PENN A-4 | 6.8 | 6.7 | 6.8 | 5.6 | 6.3 | 8.4 | 7.9 | 7.3 | 7.3 | 6.0 | 5.9 | 6.9 | 7.3 | 7.4 | 6.3 | 7.0 | 7.1 | 6.0 | 6.8 | 7.0 | 7.7 | 7.2 | 5.0 | 6.7 | 6.8 | 7.0 | 6.4 | 6.2 | 6.7 |
| SRX 1BPAA | 7.5 | 6.7 | 6.3 | 5.9 | 5.7 | 7.3 | 7.1 | 5.7 | 7.8 | 6.0 | 6.4 | 7.1 | 7.0 | 8.0 | 5.6 | 7.0 | 7.4 | 6.2 | 6.8 | 7.7 | 8.0 | 6.8 | 4.8 | 6.8 | 7.0 | 8.0 | 6.7 | 6.3 | 6.7 |
| BRIGHTON (SRX 1120) | 7.0 | 5.8 | 6.4 | 6.1 | 6.7 | 7.7 | 7.6 | 7.3 | 7.4 | 6.6 | 6.8 | 6.9 | 6.3 | 7.7 | 5.9 | 7.0 | 7.3 | 5.7 | 6.7 | 7.7 | 8.2 | 6.8 | 4.8 | 6.6 | 6.4 | 7.0 | 6.6 | 6.3 | 6.7 |
| SR 1119 | 6.6 | 6.3 | 6.6 | 6.1 | 7.0 | 7.8 | 7.3 | 7.3 | 7.3 | 6.0 | 6.6 | 6.9 | 6.7 | 7.9 | 6.4 | 7.0 | 7.2 | 6.5 | 7.0 | 7.7 | 8.2 | 7.0 | 4.7 | 6.4 | 6.3 | 7.7 | 6.1 | 6.0 | 6.7 |
| ISI AP-5 | 6.5 | 6.3 | 6.5 | 6.1 | 6.7 | 7.5 | 7.0 | 8.3 | 7.8 | 6.1 | 6.2 | 6.6 | 7.3 | 7.6 | 5.8 | 6.7 | 7.1 | 6.8 | 6.5 | 7.7 | 7.8 | 7.3 | 5.1 | 6.6 | 7.2 | 7.0 | 6.6 | 6.2 | 6.7 |
| PENN A-1 | 6.0 | 6.0 | 6.8 | 5.9 | 7.3 | 7.8 | 7.6 | 7.3 | 6.8 | 6.0 | 6.2 | 6.7 | 7.0 | 7.7 | 8.1 | 6.7 | 7.5 | 6.3 | 7.0 | 7.3 | 7.7 | 6.7 | 5.2 | 6.1 | 6.8 | 7.0 | 6.4 | 6.2 | 6.7 |
| BAR CB 8US3 | 6.4 | 6.8 | 6.5 | 6.6 | 6.3 | 7.4 | 7.0 | 7.3 | 7.1 | 6.3 | 6.8 | 7.1 | 6.7 | 7.9 | 5.8 | 6.7 | 7.1 | 5.8 | 7.0 | 7.7 | 8.0 | 6.8 | 4.9 | 6.3 | 6.8 | 7.3 | 6.2 | 5.9 | 6.7 |
| CRENSHAW | 7.0 | 6.3 | 7.1 | 5.8 | 5.7 | 7.3 | 6.9 | 7.3 | 7.3 | 5.8 | 6.3 | 7.0 | 7.7 | 8.1 | 6.2 | 6.7 | 7.0 | 6.0 | 6.8 | 8.0 | 8.0 | 6.9 | 4.8 | 6.4 | 6.3 | 7.3 | 6.2 | 5.9 | 6.6 |
| PENN G-6 | 5.8 | 6.0 | 6.6 | 5.6 | 6.7 | 8.0 | 7.0 | 7.7 | 7.3 | 6.2 | 6.0 | 6.9 | 6.3 | 7.9 | 7.1 | 7.0 | 7.1 | 6.8 | 7.0 | 7.3 | 7.7 | 6.5 | 4.4 | 6.4 | 6.3 | 7.0 | 6.2 | 6.2 | 6.6 |
| ABT-CRB-1 | 6.3 | 6.3 | 7.0 | 5.8 | 6.0 | 6.9 | 6.8 | 5.7 | 7.0 | 6.4 | 5.9 | 7.1 | 6.3 | 7.7 | 6.7 | 6.7 | 7.2 | 5.8 | 7.0 | 8.0 | 7.8 | 7.0 | 4.7 | 6.8 | 6.4 | 6.3 | 6.7 | 6.2 | 6.6 |
| PICK CB 13-94 | 6.5 | 6.5 | 6.4 | 5.8 | 6.0 | 6.8 | 6.3 | 6.7 | 7.3 | 6.4 | 6.1 | 6.9 | 6.3 | 7.9 | 5.2 | 7.0 | 7.3 | 6.3 | 7.2 | 7.3 | 8.0 | 6.7 | 4.7 | 6.7 | 6.8 | 7.0 | 6.6 | 6.6 | 6.6 |
| BENGAL (BAR AS 8FUS2) | 6.2 | 5.5 | 7.1 | 5.4 | 6.3 | 6.8 | 6.3 | 6.3 | 7.1 | 6.6 | 6.4 | 6.7 | 7.0 | 7.7 | 6.2 | 7.0 | 7.1 | 6.2 | 6.3 | 6.7 | 7.7 | 6.6 | 5.2 | 6.4 | 6.1 | 6.3 | 6.3 | 6.1 | 6.5 |
| PROVIDENCE | 6.3 | 5.8 | 6.5 | 6.0 | 6.0 | 7.0 | 7.0 | 8.0 | 7.0 | 6.0 | 6.2 | 6.1 | 6.7 | 7.8 | 6.2 | 6.7 | 7.1 | 5.2 | 7.0 | 7.3 | 7.8 | 6.5 | 4.9 | 6.3 | 6.1 | 7.0 | 6.0 | 5.9 | 6.4 |
| VESPER (PICK MVB) | 6.3 | 5.3 | 6.7 | 5.3 | 6.3 | 4.4 | 5.0 | 6.0 | 8.0 | 6.3 | 5.3 | 6.8 | 6.7 | 5.0 | 7.4 | 6.3 | 7.7 | 7.3 | 7.8 | 9.0 | 7.5 | 6.0 | 3.8 | 7.0 | 8.3 | 5.0 | 7.2 | 6.9 | 6.4 |
| SYN 96-3 | 5.8 | 5.8 | 7.1 | 5.3 | 6.7 | 6.3 | 6.0 | 5.7 | 7.1 | 6.2 | 5.9 | 6.6 | 6.0 | 7.3 | 7.6 | 6.3 | 7.1 | 6.5 | 6.8 | 6.7 | 7.5 | 6.9 | 4.8 | 5.6 | 7.0 | 6.0 | 6.2 | 6.0 | 6.4 |
| CENTURY | 6.1 | 5.5 | 6.8 | 5.4 | 5.3 | 7.0 | 6.8 | 8.0 | 7.3 | 5.8 | 6.2 | 7.0 | 6.0 | 7.2 | 5.1 | 6.3 | 7.3 | 5.8 | 6.7 | 6.7 | 7.5 | 6.7 | 4.9 | 5.6 | 6.2 | 6.3 | 6.1 | 5.8 | 6.3 |
| IMPERIAL | 5.5 | 5.6 | 7.0 | 5.3 | 6.7 | 7.2 | 7.1 | 7.3 | 6.8 | 5.7 | 5.8 | 6.4 | 6.7 | 7.0 | 6.2 | 6.7 | 7.3 | 5.2 | 6.2 | 7.0 | 7.5 | 6.9 | 4.8 | 5.8 | 6.2 | 6.0 | 6.2 | 6.1 | 6.3 |
| SYN 96-1 | 5.3 | 5.8 | 7.3 | 5.3 | 5.7 | 6.7 | 6.1 | 7.3 | 7.0 | 6.1 | 5.7 | 6.7 | 6.3 | 6.9 | 5.6 | 6.7 | 6.9 | 6.0 | 6.7 | 6.7 | 7.7 | 6.9 | 5.0 | 4.6 | 6.6 | 6.0 | 6.1 | 6.1 | 6.2 |
| SR 7200 | 6.3 | 5.0 | 6.3 | 4.7 | 6.7 | 4.1 | 4.6 | 7.7 | 7.8 | 6.5 | 4.8 | 6.7 | 7.0 | 4.0 | 7.2 | 6.7 | 7.0 | 6.5 | 8.0 | 8.0 | 7.3 | 6.1 | 4.1 | 7.0 | 8.2 | 5.0 | 6.4 | 6.2 | 6.2 |
| BACKSPIN | 5.5 | 5.4 | 6.6 | 5.4 | 6.3 | 6.3 | 6.2 | 7.3 | 6.8 | 5.7 | 5.9 | 6.7 | 7.0 | 7.1 | 5.1 | 6.7 | 6.8 | 5.2 | 6.5 | 6.7 | 7.3 | 6.4 | 4.3 | 5.4 | 5.4 | 6.0 | 6.1 | 5.9 | 6.0 |
| PENNCROSS | 5.3 | 5.5 | 6.0 | 4.9 | 6.0 | 5.8 | 5.8 | 7.7 | 7.3 | 6.1 | 5.9 | 5.9 | 5.7 | 7.2 | 3.8 | 7.0 | 6.9 | 5.3 | 6.3 | 5.7 | 7.7 | 6.1 | 4.2 | 5.8 | 5.7 | 4.7 | 6.3 | 6.0 | 5.9 |
| PENNLINKS | 6.1 | 5.3 | 6.2 | 4.8 | 5.7 | 6.2 | 5.8 | 8.3 | 7.2 | 5.8 | 6.0 | 6.3 | 6.7 | 7.4 | 3.8 | 6.0 | 7.0 | 4.8 | 5.8 | 5.7 | 7.5 | 5.8 | 3.6 | 5.9 | 5.4 | 5.7 | 5.8 | 5.7 | 5.9 |
| BAVARIA | 4.8 | 5.0 | 5.8 | 5.3 | 6.3 | 4.1 | 4.6 | 7.0 | 6.0 | 6.6 | 5.8 | 5.0 | 6.3 | 5.0 | 2.5 | 5.0 | 6.2 | 3.0 | 6.3 | 5.7 | 7.3 | 6.3 | 3.3 | 4.9 | 6.0 | 4.3 | 5.4 | 5.3 | 5.3 |
| LSD VALUE | 1.2 | 0.8 | 1.0 | 1.1 | 1.3 | 1.2 | 1.5 | 1.4 | 1.1 | 0.7 | 1.3 | 1.4 | 0.9 | 1.4 | 2.2 | 0.8 | 0.7 | 1.0 | 1.1 | 0.9 | 0.7 | 1.0 | 1.4 | 1.4 | 0.9 | 0.8 | 0.9 | 0.8 | 0.3 |
| C.V. (%) | 11.6 | 7.9 | 9.8 | 13.0 | 12.6 | 11.0 | 13.9 | 12.5 | 9.6 | 6.7 | 13.8 | 13.4 | 8.4 | 12.2 | 22.4 | 7.8 | 6.1 | 9.8 | 10.1 | 7.5 | 5.6 | 9.4 | 18.2 | 13.8 | 8.7 | 7.7 | 9.8 | 9.0 | 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 8.

SPRING GREENUP RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

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

| NAME | AZ1 | IA1 | IL1 | KY2 | MA1 | MI1 | MO1 | MT1 | NE1 | NJ1 | NY1 | OK1 | PA1 | RI1 | RI2 | TX1 | VA1 | WA3 | WI1 | WI2 | MEAN |
|-----------------------|------|------|------|-----|------|-----|------|------|------|------|-----|------|------|-----|------|------|------|------|------|------|------|
| SR 7200 | 5.3 | 5.0 | 6.1 | 8.2 | 6.7 | 5.7 | 7.0 | 5.3 | 4.0 | 6.8 | 6.3 | 5.6 | 7.5 | 7.8 | 7.3 | 6.8 | 7.1 | 6.2 | 5.8 | 5.0 | 6.1 |
| PST-A2E | 6.4 | 6.3 | 5.5 | 8.2 | 4.7 | 6.1 | 5.3 | 6.7 | 6.3 | 4.8 | 6.8 | 5.9 | 6.8 | 6.0 | 5.3 | 8.0 | 5.8 | 6.1 | 5.8 | 5.0 | 6.0 |
| PENN G-6 | 6.1 | 6.3 | 5.3 | 7.5 | 6.7 | 6.0 | 6.0 | 6.3 | 6.8 | 5.2 | 6.8 | 6.2 | 7.0 | 5.3 | 4.7 | 7.5 | 5.9 | 5.2 | 5.6 | 4.8 | 6.0 |
| PENN A-4 | 6.7 | 6.1 | 5.5 | 7.3 | 6.3 | 5.9 | 5.3 | 6.7 | 7.7 | 4.7 | 6.5 | 5.9 | 7.0 | 5.7 | 4.7 | 6.8 | 5.6 | 5.7 | 5.8 | 4.7 | 6.0 |
| PENN A-2 | 7.2 | 6.3 | 5.4 | 7.3 | 6.7 | 6.1 | 5.3 | 6.0 | 7.3 | 4.9 | 6.7 | 6.0 | 6.3 | 5.0 | 4.3 | 7.0 | 5.8 | 5.2 | 5.4 | 4.4 | 6.0 |
| PENN G-1 | 6.8 | 5.8 | 5.2 | 7.7 | 7.0 | 6.0 | 5.7 | 6.0 | 6.8 | 5.3 | 6.7 | 5.8 | 6.0 | 5.3 | 4.3 | 7.2 | 5.8 | 6.1 | 5.3 | 4.3 | 6.0 |
| PENN A-1 | 6.5 | 6.7 | 5.9 | 7.7 | 6.3 | 6.0 | 5.3 | 6.0 | 6.8 | 5.0 | 6.3 | 5.7 | 6.7 | 4.8 | 4.0 | 7.2 | 5.6 | 5.4 | 5.2 | 5.0 | 6.0 |
| VESPER (PICK MVB) | 5.1 | 5.3 | 5.7 | 8.3 | 5.0 | 5.6 | 5.7 | 4.7 | 4.3 | 6.0 | 6.5 | 5.3 | 7.2 | 7.7 | 6.7 | 6.7 | 7.1 | 6.2 | 5.6 | 5.4 | 5.9 |
| ISI AP-5 | 6.5 | 6.0 | 5.9 | 7.2 | 7.3 | 6.0 | 6.7 | 6.0 | 6.5 | 4.4 | 6.7 | 6.1 | 5.7 | 4.8 | 4.0 | 7.3 | 5.3 | 5.1 | 5.7 | 4.9 | 5.9 |
| SRX 1NJH | 6.8 | 6.0 | 5.4 | 7.3 | 4.0 | 6.6 | 6.0 | 6.3 | 6.3 | 5.2 | 6.8 | 5.9 | 6.0 | 4.8 | 4.0 | 7.2 | 6.3 | 5.4 | 5.6 | 4.8 | 5.9 |
| SYN 96-1 | 6.1 | 6.7 | 5.7 | 6.7 | 6.3 | 5.9 | 5.3 | 5.7 | 6.5 | 4.8 | 6.7 | 5.7 | 6.8 | 5.7 | 5.0 | 6.7 | 6.2 | 5.9 | 5.2 | 4.3 | 5.9 |
| IMPERIAL | 6.0 | 6.1 | 5.7 | 7.0 | 6.3 | 6.0 | 6.0 | 7.3 | 6.7 | 4.6 | 6.5 | 6.0 | 7.0 | 5.8 | 5.0 | 7.5 | 5.4 | 4.8 | 5.2 | 4.6 | 5.9 |
| CRENSHAW | 6.6 | 6.5 | 5.8 | 7.3 | 6.3 | 5.9 | 6.0 | 7.0 | 7.0 | 4.2 | 6.5 | 5.8 | 6.0 | 5.7 | 4.3 | 7.5 | 5.2 | 4.4 | 5.3 | 4.6 | 5.9 |
| BAR CB 8US3 | 6.5 | 5.9 | 5.7 | 7.3 | 6.3 | 6.0 | 5.0 | 6.0 | 6.5 | 5.1 | 6.5 | 5.9 | 6.3 | 5.2 | 4.7 | 7.0 | 5.2 | 5.6 | 5.3 | 4.6 | 5.9 |
| PICK CB 13-94 | 6.3 | 6.2 | 5.9 | 7.2 | 5.7 | 6.1 | 5.7 | 6.7 | 6.3 | 5.4 | 6.8 | 5.6 | 5.5 | 5.5 | 4.7 | 7.2 | 5.8 | 4.4 | 5.4 | 4.6 | 5.9 |
| L-93 | 5.6 | 6.0 | 5.7 | 6.7 | 7.3 | 6.0 | 6.0 | 6.0 | 6.7 | 5.3 | 6.7 | 6.0 | 6.2 | 5.5 | 4.7 | 7.0 | 5.6 | 4.7 | 5.3 | 4.7 | 5.9 |
| BENGAL (BAR AS 8FUS2) | 5.5 | 6.8 | 5.3 | 7.0 | 5.3 | 6.0 | 6.3 | 6.7 | 7.2 | 4.9 | 6.7 | 6.2 | 6.8 | 6.2 | 5.3 | 7.0 | 5.1 | 5.3 | 5.0 | 4.7 | 5.8 |
| SYN 96-3 | 5.8 | 6.8 | 6.0 | 6.7 | 4.7 | 6.1 | 6.7 | 5.7 | 7.5 | 4.1 | 6.0 | 5.8 | 7.2 | 5.7 | 5.0 | 6.7 | 6.0 | 5.3 | 5.3 | 4.4 | 5.8 |
| SYN 96-2 | 6.3 | 7.3 | 5.3 | 7.3 | 5.3 | 6.0 | 6.0 | 6.3 | 6.7 | 4.0 | 6.8 | 5.6 | 6.3 | 5.0 | 4.3 | 7.2 | 5.9 | 5.2 | 4.9 | 4.4 | 5.8 |
| PROVIDENCE | 6.3 | 6.1 | 5.8 | 7.3 | 7.0 | 6.1 | 5.3 | 6.7 | 6.7 | 4.9 | 6.5 | 5.8 | 6.2 | 5.5 | 4.3 | 7.3 | 5.1 | 4.4 | 5.0 | 4.3 | 5.8 |
| BRIGHTON (SRX 1120) | 6.0 | 5.8 | 5.8 | 7.5 | 6.3 | 6.0 | 4.7 | 6.3 | 7.0 | 5.1 | 6.5 | 6.2 | 5.7 | 5.2 | 4.3 | 7.3 | 5.1 | 4.7 | 5.4 | 4.4 | 5.8 |
| BACKSPIN | 5.9 | 5.8 | 5.5 | 6.3 | 6.5 | 5.9 | 6.0 | 6.0 | 6.2 | 5.0 | 6.5 | 6.1 | 7.7 | 5.7 | 4.7 | 6.8 | 5.4 | 4.8 | 5.2 | 4.7 | 5.8 |
| SRX 1BPAA | 6.1 | 5.7 | 5.6 | 7.2 | 4.7 | 6.0 | 5.3 | 6.0 | 7.0 | 5.1 | 6.8 | 5.9 | 5.8 | 5.7 | 5.3 | 7.8 | 5.2 | 4.7 | 5.1 | 4.4 | 5.8 |
| SR 1119 | 6.3 | 5.8 | 5.1 | 7.0 | 6.3 | 6.0 | 4.7 | 5.7 | 6.7 | 5.1 | 6.5 | 5.8 | 6.3 | 5.0 | 4.0 | 7.3 | 5.4 | 4.9 | 5.1 | 4.6 | 5.7 |
| CENTURY | 5.7 | 6.3 | 5.5 | 6.8 | 7.0 | 6.0 | 6.0 | 6.0 | 6.5 | 4.4 | 6.5 | 5.8 | 7.5 | 5.3 | 4.0 | 6.3 | 5.1 | 4.9 | 5.0 | 4.4 | 5.7 |
| ABT-CRB-1 | 6.1 | 6.4 | 5.4 | 7.2 | 4.7 | 5.9 | 5.7 | 5.3 | 6.7 | 4.0 | 6.8 | 5.7 | 6.0 | 5.0 | 4.3 | 7.3 | 5.2 | 4.6 | 5.1 | 4.8 | 5.6 |
| PENNCROSS | 5.2 | 5.3 | 5.3 | 6.3 | 6.7 | 5.9 | 6.0 | 6.3 | 6.0 | 5.3 | 6.5 | 6.0 | 5.8 | 5.7 | 5.0 | 7.0 | 4.7 | 4.4 | 5.3 | 4.6 | 5.6 |
| BAVARIA | 4.7 | 4.9 | 5.0 | 7.8 | 6.0 | 5.9 | 5.7 | 6.0 | 4.0 | 4.7 | 5.7 | 5.5 | 7.2 | 7.5 | 6.3 | 6.5 | 5.7 | 5.2 | 5.2 | 4.2 | 5.6 |
| PENNLINKS | 4.8 | 5.4 | 5.5 | 6.5 | 7.3 | 6.0 | 6.3 | 5.3 | 5.8 | 4.9 | 6.2 | 5.8 | 5.8 | 5.5 | 4.7 | 6.7 | 4.4 | 4.9 | 5.0 | 4.3 | 5.5 |
| LSD VALUE | 1.4 | 1.1 | 1.2 | 0.9 | 1.4 | 0.6 | 1.2 | 1.6 | 1.6 | 1.5 | 0.9 | 0.9 | 1.2 | 0.9 | 0.8 | 1.2 | 1.1 | 1.2 | 1.0 | 1.1 | 0.3 |
| C.V. (%) | 14.0 | 11.1 | 13.8 | 7.6 | 14.7 | 6.4 | 12.5 | 16.4 | 15.3 | 19.0 | 8.3 | 10.0 | 12.6 | 9.7 | 10.0 | 10.4 | 12.7 | 14.5 | 12.5 | 14.9 | 12.6 |

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

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

TABLE 9. LEAF TEXTURE RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

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

| NAME | AL1 | AZ1 | IA1 | KS1 | KY1 | KY2 | ME1 | MI1 | MT1 | NC1 | NJ1 | NY1 | OK1 | PA1 | RI1 | SC2 | TX1 | WI1 | MEAN |
|-----------------------|------|------|-----|-----|-----|-----|------|-----|------|-----|------|-----|-----|-----|-----|-----|-----|-----|------|
| VESPER (PICK MVB) | 8.3 | 5.9 | 7.9 | 7.2 | 9.0 | 9.0 | 8.8 | 8.0 | 7.3 | 8.0 | 9.0 | 8.0 | 8.6 | 9.0 | 9.0 | 8.5 | 6.5 | 9.0 | 7.8 |
| SR 7200 | 8.4 | 5.7 | 7.8 | 7.3 | 9.0 | 9.0 | 8.5 | 7.6 | 6.7 | 7.7 | 9.0 | 7.2 | 8.6 | 9.0 | 9.0 | 7.8 | 6.2 | 8.7 | 7.6 |
| PENN A-1 | 6.6 | 7.6 | 7.6 | 8.2 | 8.3 | 8.3 | 5.3 | 8.2 | 6.4 | 5.0 | 7.8 | 7.2 | 7.7 | 7.7 | 7.7 | 8.2 | 8.1 | 7.3 | 7.5 |
| SYN 96-3 | 6.0 | 6.7 | 7.7 | 7.8 | 8.0 | 8.0 | 5.8 | 8.2 | 6.7 | 5.0 | 7.5 | 7.2 | 7.9 | 7.7 | 7.3 | 8.3 | 7.6 | 7.7 | 7.3 |
| PENN A-4 | 6.7 | 8.1 | 7.3 | 6.8 | 7.7 | 7.7 | 5.3 | 7.8 | 6.2 | 5.7 | 7.2 | 7.3 | 7.4 | 6.7 | 7.7 | 8.2 | 7.8 | 7.3 | 7.3 |
| PENN G-1 | 7.2 | 7.6 | 7.0 | 7.7 | 7.0 | 7.0 | 5.7 | 8.0 | 6.4 | 6.0 | 7.8 | 7.5 | 7.5 | 7.0 | 7.0 | 7.8 | 7.2 | 7.0 | 7.3 |
| BAVARIA | 7.9 | 5.9 | 6.9 | 6.8 | 9.0 | 9.0 | 9.0 | 7.6 | 7.0 | 8.7 | 7.3 | 6.5 | 8.8 | 5.3 | 8.7 | 7.0 | 5.8 | 9.0 | 7.3 |
| PST-A2E | 6.8 | 7.3 | 7.0 | 7.5 | 8.3 | 8.3 | 6.0 | 7.9 | 6.8 | 4.7 | 7.2 | 7.0 | 7.2 | 6.7 | 8.0 | 8.2 | 7.4 | 8.0 | 7.2 |
| PENN A-2 | 7.3 | 7.4 | 6.9 | 7.8 | 8.0 | 8.0 | 4.8 | 8.0 | 6.3 | 6.3 | 6.5 | 7.0 | 7.3 | 6.7 | 8.0 | 8.2 | 7.3 | 7.0 | 7.2 |
| SYN 96-1 | 5.9 | 7.0 | 7.9 | 8.2 | 7.7 | 7.7 | 4.8 | 7.6 | 6.1 | 5.3 | 6.8 | 7.3 | 8.0 | 7.3 | 7.7 | 8.2 | 7.2 | 7.3 | 7.2 |
| ABT-CRB-1 | 6.2 | 6.5 | 7.0 | 8.0 | 8.0 | 8.0 | 6.5 | 8.0 | 6.3 | 5.0 | 6.7 | 7.0 | 7.3 | 7.0 | 7.7 | 8.5 | 7.5 | 7.7 | 7.1 |
| SYN 96-2 | 4.9 | 7.3 | 7.3 | 8.0 | 7.3 | 7.3 | 5.5 | 8.1 | 6.1 | 6.0 | 7.2 | 7.0 | 8.0 | 8.0 | 8.0 | 8.2 | 7.3 | 7.3 | 7.1 |
| CENTURY | 6.3 | 6.9 | 7.0 | 7.3 | 8.0 | 8.0 | 5.5 | 7.7 | 6.7 | 5.7 | 6.5 | 7.2 | 7.1 | 6.7 | 7.3 | 8.0 | 7.3 | 6.7 | 7.0 |
| BENGAL (BAR AS 8FUS2) | 6.6 | 7.3 | 7.2 | 7.7 | 7.0 | 7.0 | 5.5 | 7.9 | 5.7 | 6.7 | 6.0 | 6.8 | 7.1 | 6.7 | 7.3 | 8.0 | 7.3 | 7.0 | 7.0 |
| IMPERIAL | 5.4 | 7.0 | 7.2 | 7.5 | 7.3 | 7.3 | 5.2 | 7.8 | 6.7 | 4.7 | 6.7 | 7.3 | 7.2 | 6.3 | 6.7 | 7.8 | 7.3 | 7.7 | 6.9 |
| BAR CB 8US3 | 6.6 | 6.8 | 6.8 | 7.3 | 8.0 | 8.0 | 5.2 | 7.6 | 6.3 | 6.0 | 5.8 | 7.5 | 7.0 | 6.7 | 6.7 | 8.0 | 6.9 | 6.7 | 6.9 |
| ISI AP-5 | 5.7 | 7.0 | 6.7 | 7.5 | 6.3 | 6.3 | 5.5 | 7.8 | 6.7 | 5.7 | 6.7 | 7.2 | 7.2 | 6.0 | 6.7 | 7.8 | 7.0 | 7.0 | 6.9 |
| PENN G-6 | 6.1 | 6.8 | 6.7 | 7.2 | 7.3 | 7.3 | 5.2 | 7.9 | 5.6 | 6.0 | 5.8 | 7.0 | 7.3 | 7.0 | 7.3 | 7.7 | 6.8 | 7.0 | 6.8 |
| L-93 | 5.9 | 7.0 | 7.2 | 7.0 | 7.3 | 7.3 | 4.7 | 7.6 | 6.4 | 5.7 | 5.7 | 6.8 | 7.1 | 6.0 | 7.7 | 7.7 | 6.8 | 6.7 | 6.7 |
| SR 1119 | 5.9 | 6.7 | 6.8 | 7.3 | 6.0 | 6.0 | 5.0 | 8.0 | 5.9 | 5.7 | 5.8 | 7.0 | 7.1 | 6.0 | 7.3 | 7.8 | 6.5 | 7.3 | 6.7 |
| PROVIDENCE | 5.8 | 6.8 | 6.3 | 7.2 | 7.7 | 7.7 | 4.8 | 7.7 | 5.9 | 6.0 | 4.8 | 7.0 | 7.1 | 5.7 | 7.3 | 8.0 | 6.8 | 7.0 | 6.6 |
| CRENSHAW | 5.2 | 6.6 | 7.0 | 7.0 | 6.7 | 6.7 | 6.0 | 7.8 | 5.9 | 5.7 | 5.0 | 7.0 | 7.0 | 6.0 | 7.0 | 8.2 | 6.6 | 7.3 | 6.6 |
| BACKSPIN | 5.4 | 6.8 | 7.0 | 6.8 | 6.7 | 6.7 | 5.2 | 7.4 | 5.9 | 5.3 | 4.8 | 6.8 | 7.1 | 6.7 | 7.0 | 7.7 | 6.8 | 6.3 | 6.6 |
| BRIGHTON (SRX 1120) | 5.6 | 6.5 | 6.3 | 6.7 | 7.0 | 7.0 | 4.5 | 7.8 | 6.2 | 6.0 | 5.2 | 7.2 | 7.3 | 5.0 | 7.3 | 8.0 | 6.3 | 6.7 | 6.5 |
| SRX 1BPAA | 6.1 | 6.8 | 6.1 | 7.0 | 5.7 | 5.7 | 4.7 | 7.9 | 6.2 | 5.3 | 4.5 | 6.7 | 7.0 | 4.7 | 7.0 | 7.7 | 6.3 | 6.3 | 6.4 |
| SRX 1NJH | 5.1 | 6.1 | 6.3 | 7.0 | 6.3 | 6.3 | 5.0 | 7.8 | 5.9 | 5.0 | 6.0 | 6.8 | 7.0 | 5.7 | 7.0 | 7.8 | 6.7 | 7.0 | 6.4 |
| PICK CB 13-94 | 5.9 | 6.4 | 5.9 | 7.0 | 6.0 | 6.0 | 4.5 | 7.6 | 5.6 | 5.0 | 4.3 | 7.0 | 7.0 | 5.7 | 7.3 | 7.7 | 6.6 | 6.7 | 6.4 |
| PENNLINKS | 5.4 | 6.1 | 5.4 | 6.3 | 4.0 | 4.0 | 5.2 | 7.4 | 5.9 | 6.0 | 3.0 | 6.7 | 6.3 | 5.0 | 7.3 | 7.5 | 6.0 | 6.3 | 5.9 |
| PENNCROSS | 4.8 | 5.6 | 6.0 | 6.3 | 4.0 | 4.0 | 5.7 | 7.8 | 6.2 | 5.3 | 3.5 | 6.7 | 6.4 | 4.0 | 6.7 | 7.2 | 5.8 | 6.0 | 5.9 |
| LSD VALUE | 1.3 | 1.1 | 1.0 | 1.0 | 0.8 | 0.8 | 1.3 | 0.9 | 1.4 | 0.9 | 1.6 | 1.0 | 0.5 | 1.0 | 0.8 | 0.6 | 1.0 | 0.8 | 0.3 |
| C.V. (%) | 13.4 | 10.1 | 9.0 | 8.3 | 6.7 | 6.7 | 14.8 | 7.2 | 13.7 | 9.2 | 15.8 | 8.5 | 4.4 | 9.2 | 6.7 | 4.9 | 9.1 | 7.3 | 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 10. SEEDLING VIGOR RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

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

| NAME | KY1 | KY2 | MA1 | MI1 | MO1 | MT1 | NJ1 | NY1 | OK1 | PA1 | RI1 | WA4 | MEAN |
|-----------------------|-----|-----|------|------|------|------|-----|------|------|------|------|------|------|
| PENN A-4 | 8.7 | 8.7 | 8.0 | 5.0 | 7.7 | 7.0 | 8.0 | 6.7 | 6.0 | 6.3 | 8.0 | 7.0 | 7.3 |
| PENN A-2 | 8.3 | 8.3 | 7.7 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 6.0 | 7.3 | 7.3 | 6.3 | 7.2 |
| PENN G-1 | 8.3 | 8.3 | 7.3 | 4.0 | 7.7 | 6.7 | 8.0 | 6.7 | 6.0 | 7.7 | 7.3 | 6.3 | 7.0 |
| PENN A-1 | 8.3 | 8.3 | 7.3 | 5.3 | 5.0 | 6.3 | 7.7 | 6.0 | 7.0 | 7.0 | 8.3 | 6.7 | 6.9 |
| BACKSPIN | 8.0 | 8.0 | 7.7 | 4.0 | 7.7 | 6.0 | 7.0 | 7.0 | 5.0 | 7.0 | 7.3 | 6.7 | 6.8 |
| CRENSHAW | 8.3 | 8.3 | 7.0 | 5.7 | 6.0 | 6.0 | 7.7 | 7.0 | 5.3 | 7.0 | 6.7 | 6.3 | 6.8 |
| PENNCROSS | 8.3 | 8.3 | 7.3 | 4.3 | 6.3 | 6.3 | 6.7 | 7.0 | 5.3 | 7.7 | 6.7 | 7.0 | 6.8 |
| SYN 96-1 | 7.7 | 7.7 | 6.0 | 4.3 | 7.3 | 6.7 | 7.0 | 6.7 | 6.7 | 7.3 | 8.0 | 5.7 | 6.8 |
| L-93 | 7.0 | 7.0 | 8.0 | 5.0 | 7.7 | 5.7 | 7.0 | 6.7 | 5.7 | 7.3 | 7.3 | 6.3 | 6.7 |
| PENN G-6 | 8.0 | 8.0 | 7.3 | 4.0 | 7.0 | 7.7 | 6.7 | 6.0 | 5.0 | 6.7 | 7.0 | 6.3 | 6.6 |
| PENNLINKS | 8.3 | 8.3 | 7.7 | 3.7 | 5.7 | 6.3 | 6.7 | 7.0 | 5.7 | 7.3 | 6.3 | 6.0 | 6.6 |
| PROVIDENCE | 8.3 | 8.3 | 6.7 | 4.7 | 5.7 | 6.3 | 7.0 | 6.0 | 6.0 | 7.3 | 6.3 | 5.7 | 6.5 |
| CENTURY | 7.7 | 7.7 | 7.3 | 3.3 | 6.7 | 5.3 | 6.0 | 6.7 | 6.0 | 7.0 | 8.0 | 6.7 | 6.5 |
| IMPERIAL | 8.0 | 8.0 | 6.3 | 5.3 | 6.3 | 5.3 | 6.0 | 7.0 | 5.7 | 6.7 | 7.0 | 5.7 | 6.4 |
| PICK CB 13-94 | 7.7 | 7.7 | 6.3 | 2.3 | 6.0 | 6.3 | 6.0 | 7.0 | 6.0 | 6.7 | 7.3 | 6.7 | 6.3 |
| SR 1119 | 7.3 | 7.3 | 6.0 | 4.3 | 6.7 | 5.3 | 7.0 | 7.3 | 5.3 | 6.7 | 6.3 | 6.3 | 6.3 |
| ISI AP-5 | 7.3 | 7.3 | 6.7 | 3.3 | 6.3 | 6.0 | 6.3 | 6.7 | 5.7 | 6.7 | 6.0 | 5.3 | 6.1 |
| SYN 96-3 | 7.7 | 7.7 | 5.3 | 3.0 | 7.3 | 5.0 | 6.3 | 6.0 | 5.7 | 5.7 | 7.7 | 6.0 | 6.1 |
| BENGAL (BAR AS 8FUS2) | 7.3 | 7.3 | 6.0 | 2.7 | 6.3 | 5.0 | 5.7 | 6.3 | 6.0 | 6.3 | 7.7 | 6.3 | 6.1 |
| SRX 1BPAA | 7.3 | 7.3 | 5.7 | 3.3 | 5.7 | 5.3 | 6.3 | 6.7 | 5.7 | 6.7 | 7.0 | 6.0 | 6.1 |
| BRIGHTON (SRX 1120) | 7.7 | 7.7 | 5.7 | 3.0 | 7.3 | 5.7 | 5.3 | 7.3 | 5.3 | 5.0 | 7.0 | 5.7 | 6.1 |
| BAR CB 8US3 | 8.0 | 8.0 | 6.3 | 2.3 | 6.0 | 5.7 | 5.0 | 6.7 | 6.0 | 6.0 | 5.7 | 6.0 | 6.0 |
| SYN 96-2 | 7.3 | 7.3 | 5.7 | 3.7 | 4.7 | 5.3 | 5.7 | 5.7 | 6.3 | 6.3 | 7.3 | 6.0 | 5.9 |
| BAVARIA | 6.7 | 6.7 | 5.0 | 4.7 | 5.0 | 5.3 | 7.3 | 5.0 | 4.3 | 7.0 | 7.0 | 5.7 | 5.8 |
| ABT-CRB-1 | 6.0 | 6.0 | 5.7 | 4.0 | 5.3 | 6.3 | 6.0 | 6.7 | 5.3 | 6.0 | 5.3 | 6.0 | 5.7 |
| SR 7200 | 5.3 | 5.3 | 5.7 | 3.7 | 4.7 | 4.7 | 7.0 | 3.7 | 5.7 | 6.3 | 8.7 | 6.7 | 5.6 |
| PST-A2E | 6.7 | 6.7 | 5.3 | 3.7 | 5.7 | 6.0 | 5.0 | 5.7 | 4.0 | 4.0 | 6.7 | 6.0 | 5.4 |
| SRX 1NJH | 6.3 | 6.3 | 4.7 | 3.3 | 4.0 | 4.0 | 5.7 | 6.3 | 6.0 | 5.3 | 6.3 | 5.7 | 5.3 |
| VESPER (PICK MVB) | 5.0 | 5.0 | 4.3 | 2.7 | 5.7 | 4.3 | 6.3 | 4.7 | 5.3 | 6.0 | 8.7 | 5.0 | 5.3 |
| LSD VALUE | 1.0 | 1.0 | 1.8 | 2.0 | 2.1 | 1.9 | 0.9 | 1.4 | 1.5 | 1.1 | 1.8 | 1.3 | 0.4 |
| C.V. (%) | 8.0 | 8.0 | 17.2 | 31.7 | 21.3 | 20.6 | 8.4 | 13.5 | 16.9 | 10.3 | 15.4 | 13.3 | 15.2 |

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 11.

SPRING DENSITY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

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

| NAME | AZ1 | IA1 | IL1 | KY1 | KY2 | MI1 | MT1 | NC1 | NE1 | OK1 | PA1 | TX1 | UT1 | VA1 | WA3 | WA4 | WI1 | WI2 | MEAN |
|-----------------------|------|------|------|------|------|-----|------|------|-----|-----|-----|------|------|------|------|------|------|------|------|
| PENN A-1 | 7.5 | 6.7 | 6.7 | 8.1 | 8.0 | 7.2 | 5.9 | 6.3 | 8.8 | 7.8 | 7.8 | 7.0 | 4.3 | 6.0 | 7.1 | 6.0 | 6.1 | 4.8 | 6.9 |
| PENN A-4 | 8.1 | 6.8 | 6.3 | 7.2 | 7.2 | 7.4 | 6.0 | 6.7 | 8.7 | 7.9 | 7.7 | 6.9 | 3.7 | 6.0 | 6.7 | 6.3 | 6.4 | 5.0 | 6.8 |
| PENN A-2 | 7.6 | 6.7 | 6.1 | 7.7 | 8.0 | 7.3 | 6.3 | 6.7 | 9.0 | 7.3 | 7.8 | 6.6 | 4.3 | 5.0 | 7.0 | 5.7 | 6.3 | 5.1 | 6.8 |
| PENN G-1 | 7.9 | 6.8 | 5.9 | 7.6 | 7.7 | 7.1 | 6.0 | 6.7 | 9.0 | 7.8 | 7.7 | 6.6 | 4.0 | 5.3 | 6.8 | 6.0 | 6.0 | 4.8 | 6.7 |
| SYN 96-1 | 6.8 | 7.5 | 5.7 | 6.8 | 7.0 | 7.2 | 5.7 | 6.3 | 8.7 | 7.7 | 8.5 | 6.8 | 4.0 | 6.3 | 7.4 | 6.3 | 6.3 | 5.0 | 6.7 |
| PST-A2E | 7.4 | 6.8 | 5.5 | 7.9 | 7.8 | 7.1 | 6.1 | 4.7 | 9.0 | 7.3 | 7.3 | 6.5 | 3.7 | 6.0 | 7.3 | 6.3 | 6.1 | 5.0 | 6.7 |
| SYN 96-3 | 6.6 | 7.2 | 6.3 | 6.2 | 6.4 | 7.2 | 5.6 | 6.0 | 8.8 | 7.8 | 8.3 | 6.5 | 4.3 | 6.0 | 7.4 | 6.3 | 6.3 | 5.4 | 6.6 |
| SYN 96-2 | 6.8 | 8.0 | 6.5 | 6.3 | 6.8 | 7.2 | 5.4 | 6.0 | 8.2 | 7.8 | 8.5 | 6.3 | 3.7 | 6.0 | 7.0 | 6.0 | 6.2 | 5.3 | 6.6 |
| VESPER (PICK MVB) | 5.3 | 6.3 | 5.0 | 7.7 | 7.9 | 6.8 | 5.7 | 6.7 | 7.0 | 8.3 | 8.8 | 5.1 | 2.0 | 6.3 | 8.8 | 7.0 | 6.8 | 6.8 | 6.6 |
| CENTURY | 7.2 | 7.2 | 6.1 | 6.9 | 7.1 | 7.2 | 5.9 | 5.7 | 7.8 | 7.0 | 8.0 | 6.8 | 4.7 | 5.0 | 6.6 | 6.3 | 6.1 | 4.7 | 6.5 |
| L-93 | 6.8 | 6.7 | 6.1 | 7.6 | 7.7 | 7.2 | 6.1 | 6.0 | 9.0 | 7.1 | 6.8 | 6.8 | 3.7 | 5.3 | 5.6 | 5.7 | 6.2 | 5.0 | 6.5 |
| SR 7200 | 4.8 | 6.2 | 5.4 | 7.7 | 8.0 | 6.8 | 5.6 | 8.0 | 6.3 | 8.1 | 8.5 | 5.4 | 2.7 | 6.0 | 8.6 | 7.7 | 6.2 | 5.9 | 6.5 |
| PENN G-6 | 7.0 | 6.3 | 5.8 | 7.3 | 6.9 | 7.0 | 6.2 | 6.3 | 8.8 | 7.2 | 7.2 | 6.7 | 4.0 | 6.3 | 6.2 | 5.3 | 6.0 | 4.6 | 6.5 |
| ABT-CRB-1 | 6.1 | 6.7 | 5.6 | 7.3 | 7.8 | 7.1 | 5.6 | 5.0 | 8.8 | 7.4 | 7.5 | 6.8 | 4.3 | 5.3 | 6.6 | 6.7 | 6.1 | 4.8 | 6.5 |
| BENGAL (BAR AS 8FUS2) | 7.2 | 7.5 | 6.3 | 7.0 | 7.1 | 7.3 | 5.4 | 6.0 | 8.7 | 7.0 | 7.0 | 6.4 | 2.7 | 4.7 | 5.7 | 6.0 | 6.3 | 5.1 | 6.4 |
| IMPERIAL | 6.9 | 6.8 | 6.3 | 6.9 | 7.2 | 7.3 | 5.6 | 6.3 | 8.0 | 7.2 | 7.3 | 6.7 | 3.7 | 5.7 | 6.1 | 5.7 | 5.7 | 4.7 | 6.4 |
| ISI AP-5 | 6.8 | 6.5 | 5.8 | 7.0 | 7.2 | 7.0 | 5.9 | 6.7 | 8.7 | 7.2 | 6.8 | 6.6 | 4.0 | 4.7 | 5.7 | 5.7 | 6.2 | 5.1 | 6.4 |
| SRX 1NJH | 6.6 | 6.3 | 5.7 | 7.2 | 7.6 | 7.4 | 5.2 | 4.7 | 8.7 | 7.0 | 7.3 | 6.0 | 4.3 | 6.0 | 6.3 | 5.3 | 6.2 | 5.0 | 6.4 |
| BACKSPIN | 7.0 | 6.7 | 5.8 | 6.8 | 6.9 | 6.9 | 5.8 | 6.7 | 7.8 | 6.8 | 7.2 | 6.6 | 2.7 | 5.7 | 6.2 | 6.3 | 6.0 | 5.0 | 6.3 |
| SR 1119 | 7.1 | 6.2 | 5.8 | 7.0 | 7.4 | 7.2 | 5.7 | 6.3 | 8.5 | 6.9 | 7.0 | 6.3 | 3.3 | 4.3 | 6.1 | 6.0 | 6.1 | 4.7 | 6.3 |
| BRIGHTON (SRX 1120) | 7.3 | 5.8 | 6.4 | 6.8 | 7.3 | 7.0 | 5.7 | 5.7 | 8.8 | 7.0 | 6.2 | 5.9 | 3.0 | 4.3 | 6.1 | 5.7 | 6.0 | 4.9 | 6.3 |
| PROVIDENCE | 7.3 | 6.0 | 5.9 | 6.6 | 7.0 | 7.1 | 5.7 | 6.3 | 8.0 | 6.9 | 6.5 | 6.4 | 4.0 | 4.7 | 5.8 | 5.0 | 5.8 | 4.8 | 6.2 |
| PICK CB 13-94 | 6.8 | 6.3 | 5.8 | 6.3 | 6.4 | 6.9 | 6.0 | 5.7 | 8.2 | 7.0 | 6.7 | 6.3 | 3.3 | 6.0 | 5.7 | 5.3 | 6.3 | 5.2 | 6.2 |
| BAR CB 8US3 | 6.8 | 6.2 | 5.6 | 6.8 | 6.9 | 7.0 | 5.8 | 6.0 | 7.8 | 6.8 | 6.3 | 6.3 | 3.3 | 5.0 | 6.3 | 6.0 | 5.8 | 4.4 | 6.2 |
| SRX 1BPAA | 6.7 | 5.7 | 5.4 | 7.0 | 6.9 | 7.0 | 6.0 | 6.0 | 8.7 | 7.0 | 6.0 | 5.9 | 3.3 | 4.0 | 6.1 | 5.7 | 5.8 | 5.1 | 6.1 |
| CRENSHAW | 6.6 | 6.5 | 5.9 | 6.1 | 6.2 | 6.8 | 5.8 | 6.3 | 7.5 | 6.9 | 6.2 | 5.8 | 2.3 | 4.7 | 5.6 | 5.3 | 5.6 | 4.7 | 5.9 |
| PENNLINKS | 6.0 | 5.8 | 5.1 | 6.8 | 6.6 | 6.9 | 6.4 | 6.0 | 8.3 | 6.1 | 5.2 | 5.9 | 2.3 | 3.7 | 4.3 | 5.3 | 5.6 | 4.3 | 5.7 |
| PENNCROSS | 6.0 | 5.7 | 5.2 | 6.2 | 6.1 | 6.8 | 6.6 | 6.0 | 8.3 | 6.6 | 5.0 | 6.3 | 2.7 | 4.0 | 4.3 | 4.3 | 5.4 | 4.3 | 5.7 |
| BAVARIA | 4.8 | 5.7 | 4.4 | 5.8 | 5.8 | 6.8 | 4.8 | 7.7 | 6.7 | 7.7 | 3.0 | 5.3 | 2.3 | 3.3 | 5.3 | 6.3 | 5.0 | 4.6 | 5.3 |
| LSD VALUE | 1.2 | 1.2 | 1.4 | 1.2 | 1.4 | 0.6 | 1.7 | 1.5 | 0.8 | 0.6 | 1.1 | 1.1 | 1.2 | 1.2 | 1.0 | 1.1 | 1.2 | 1.2 | 0.4 |
| C.V. (%) | 11.0 | 11.5 | 15.3 | 10.4 | 12.5 | 5.4 | 18.4 | 15.1 | 5.8 | 5.5 | 9.4 | 11.6 | 21.6 | 14.8 | 10.3 | 11.7 | 12.0 | 16.5 | 11.6 |

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

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

TABLE 12. SUMMER DENSITY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

| NAME | DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/ | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|------|------|------|------|-----|------|-----|-----|------|-----|-----|------|------|------|------|-----|------|------|------|
| | AZ1 | IL1 | KY1 | KY2 | ME1 | MI1 | MT1 | NC1 | NE1 | NJ1 | NY1 | OK1 | TX1 | UT1 | VA1 | WA3 | WA4 | WI1 | WI2 | MEAN |
| SYN 96-3 | 6.8 | 6.7 | 7.7 | 7.8 | 8.0 | 7.8 | 7.2 | 8.0 | 9.0 | 7.7 | 7.7 | 8.0 | 6.7 | 6.3 | 6.9 | 7.2 | 7.7 | 6.7 | 6.6 | 7.2 |
| PENN A-1 | 7.3 | 6.8 | 7.0 | 7.0 | 7.3 | 8.3 | 7.3 | 8.0 | 9.0 | 8.1 | 7.3 | 7.8 | 6.9 | 6.5 | 6.7 | 6.8 | 7.3 | 6.3 | 6.6 | 7.2 |
| VESPER (PICK MVB) | 5.5 | 7.8 | 6.7 | 6.5 | 7.7 | 7.8 | 6.6 | 8.0 | 7.0 | 7.4 | 8.0 | 7.5 | 5.6 | 7.7 | 6.8 | 8.0 | 9.0 | 7.2 | 7.1 | 7.1 |
| SYN 96-1 | 7.3 | 6.8 | 7.8 | 8.3 | 6.3 | 8.0 | 7.2 | 7.3 | 9.0 | 6.7 | 8.3 | 8.0 | 6.8 | 6.8 | 7.0 | 7.3 | 7.0 | 6.0 | 5.9 | 7.1 |
| SYN 96-2 | 7.1 | 6.8 | 7.0 | 7.7 | 6.3 | 8.1 | 7.1 | 8.3 | 9.0 | 7.0 | 7.7 | 8.0 | 6.8 | 6.5 | 6.8 | 6.4 | 7.0 | 6.5 | 6.1 | 7.0 |
| SR 7200 | 4.9 | 7.1 | 6.8 | 7.0 | 9.0 | 7.8 | 6.7 | 8.0 | 6.3 | 7.7 | 8.0 | 7.2 | 5.7 | 6.8 | 7.1 | 8.4 | 8.7 | 6.8 | 6.7 | 7.0 |
| PENN A-4 | 8.2 | 6.8 | 6.7 | 6.8 | 6.3 | 7.8 | 7.4 | 8.3 | 9.0 | 6.8 | 7.7 | 7.2 | 7.1 | 5.8 | 6.3 | 6.7 | 7.0 | 6.2 | 6.0 | 7.0 |
| PST-A2E | 7.3 | 6.3 | 7.0 | 6.8 | 6.0 | 7.8 | 7.1 | 8.3 | 9.0 | 6.2 | 7.3 | 7.0 | 6.6 | 6.5 | 6.9 | 7.1 | 7.0 | 6.3 | 6.2 | 6.9 |
| ABT-CRB-1 | 6.5 | 6.7 | 6.8 | 7.3 | 8.3 | 8.2 | 7.0 | 7.7 | 9.0 | 6.6 | 7.7 | 6.7 | 7.0 | 6.5 | 6.4 | 6.7 | 7.0 | 5.8 | 5.7 | 6.9 |
| PENN G-1 | 7.8 | 6.7 | 6.3 | 7.0 | 8.0 | 7.7 | 6.7 | 8.0 | 9.0 | 6.8 | 7.3 | 7.2 | 6.7 | 6.2 | 6.7 | 6.2 | 7.3 | 5.8 | 5.6 | 6.8 |
| PENN A-2 | 7.5 | 6.7 | 6.7 | 7.3 | 6.0 | 8.1 | 6.7 | 8.0 | 9.0 | 5.8 | 8.0 | 7.3 | 6.3 | 5.5 | 7.0 | 6.7 | 6.7 | 5.7 | 5.8 | 6.8 |
| CENTURY | 7.0 | 6.6 | 7.0 | 7.0 | 7.0 | 7.8 | 7.0 | 7.3 | 8.7 | 5.3 | 7.7 | 7.0 | 6.5 | 5.5 | 6.6 | 6.6 | 7.0 | 6.0 | 5.9 | 6.7 |
| PENN G-6 | 6.7 | 6.5 | 6.5 | 7.3 | 7.7 | 7.8 | 6.8 | 7.3 | 9.0 | 6.6 | 7.3 | 7.2 | 6.2 | 5.5 | 6.4 | 6.6 | 7.0 | 5.8 | 5.8 | 6.7 |
| IMPERIAL | 7.1 | 6.2 | 6.8 | 7.3 | 7.7 | 7.6 | 6.6 | 8.0 | 8.7 | 5.6 | 7.7 | 6.7 | 6.3 | 6.5 | 6.8 | 6.3 | 6.7 | 5.7 | 5.6 | 6.6 |
| BENGAL (BAR AS 8FUS2) | 6.9 | 6.8 | 6.7 | 7.2 | 7.7 | 7.8 | 6.9 | 8.3 | 9.0 | 5.4 | 7.0 | 6.8 | 6.5 | 5.5 | 6.0 | 6.0 | 7.0 | 5.9 | 6.1 | 6.6 |
| L-93 | 7.0 | 6.5 | 6.8 | 6.7 | 7.3 | 7.8 | 7.1 | 8.7 | 9.0 | 5.8 | 7.3 | 7.0 | 6.3 | 5.2 | 6.1 | 6.1 | 6.3 | 5.6 | 5.9 | 6.6 |
| SRX 1NJH | 6.6 | 6.4 | 6.2 | 6.7 | 6.7 | 7.8 | 6.7 | 8.3 | 8.7 | 6.1 | 7.0 | 7.0 | 6.5 | 5.7 | 7.0 | 6.6 | 6.0 | 5.6 | 5.6 | 6.6 |
| BAR CB 8US3 | 6.9 | 6.7 | 5.8 | 6.5 | 7.7 | 7.6 | 6.6 | 7.7 | 8.3 | 5.6 | 7.3 | 6.8 | 6.0 | 5.2 | 6.0 | 7.0 | 6.7 | 6.1 | 6.0 | 6.6 |
| ISI AP-5 | 7.0 | 6.5 | 5.5 | 6.7 | 7.7 | 7.5 | 6.7 | 8.0 | 8.7 | 5.8 | 7.7 | 6.8 | 6.5 | 4.8 | 5.9 | 6.3 | 6.0 | 6.2 | 5.9 | 6.5 |
| CRENSHAW | 7.1 | 6.0 | 6.3 | 6.7 | 7.3 | 7.4 | 7.1 | 8.3 | 9.0 | 4.7 | 7.3 | 6.8 | 6.3 | 5.2 | 7.1 | 6.7 | 7.0 | 5.7 | 5.6 | 6.5 |
| BACKSPIN | 7.1 | 6.4 | 6.7 | 6.5 | 7.3 | 7.1 | 6.9 | 6.7 | 8.0 | 4.8 | 7.3 | 6.8 | 6.3 | 5.3 | 6.3 | 5.8 | 7.3 | 5.5 | 5.7 | 6.4 |
| PICK CB 13-94 | 6.9 | 6.2 | 5.7 | 6.3 | 8.0 | 7.5 | 6.4 | 7.7 | 8.3 | 4.0 | 7.3 | 6.5 | 6.7 | 5.0 | 6.6 | 6.2 | 6.0 | 5.6 | 5.8 | 6.3 |
| BRIGHTON (SRX 1120) | 6.5 | 5.8 | 6.2 | 7.0 | 7.3 | 7.4 | 6.9 | 7.3 | 9.0 | 4.9 | 7.3 | 6.7 | 6.0 | 4.7 | 6.0 | 6.2 | 6.7 | 5.8 | 5.7 | 6.3 |
| PROVIDENCE | 6.6 | 6.3 | 5.7 | 6.8 | 7.0 | 7.5 | 6.4 | 8.0 | 8.7 | 4.7 | 7.3 | 6.7 | 6.3 | 5.3 | 5.7 | 6.4 | 6.7 | 5.6 | 5.4 | 6.3 |
| SR 1119 | 6.5 | 6.0 | 6.3 | 6.7 | 6.7 | 7.6 | 6.7 | 7.7 | 8.7 | 5.3 | 7.7 | 6.7 | 6.7 | 4.7 | 5.6 | 5.7 | 6.3 | 5.4 | 5.3 | 6.2 |
| SRX 1BPAA | 6.4 | 6.1 | 5.7 | 6.3 | 7.0 | 7.3 | 6.3 | 7.3 | 8.7 | 4.1 | 7.0 | 6.7 | 6.5 | 4.8 | 5.7 | 6.2 | 6.0 | 5.6 | 5.4 | 6.1 |
| BAVARIA | 4.8 | 6.3 | 4.2 | 3.8 | 9.0 | 6.8 | 5.8 | 7.3 | 6.7 | 1.3 | 7.0 | 6.7 | 5.8 | 6.3 | 5.7 | 5.1 | 6.0 | 5.6 | 5.8 | 5.7 |
| PENNLINKS | 5.8 | 5.3 | 4.2 | 4.5 | 7.7 | 7.0 | 6.8 | 7.7 | 8.0 | 2.7 | 7.0 | 5.5 | 5.8 | 4.2 | 5.4 | 5.7 | 6.0 | 5.3 | 5.2 | 5.6 |
| PENNCROSS | 5.8 | 5.0 | 4.3 | 4.3 | 7.7 | 6.8 | 6.9 | 8.0 | 8.0 | 2.8 | 7.0 | 5.5 | 5.8 | 4.0 | 5.3 | 4.2 | 5.0 | 5.5 | 5.4 | 5.4 |
| LSD VALUE | 1.0 | 1.1 | 1.4 | 1.4 | 1.8 | 1.0 | 1.5 | 0.9 | 0.7 | 1.7 | 0.8 | 0.7 | 1.1 | 1.2 | 1.3 | 1.4 | 0.8 | 1.2 | 1.1 | 0.4 |
| C.V. (%) | 9.5 | 10.3 | 13.6 | 12.7 | 15.6 | 7.9 | 14.6 | 7.2 | 5.2 | 19.1 | 6.4 | 6.3 | 12.2 | 13.4 | 12.8 | 13.1 | 7.2 | 14.4 | 13.9 | 11.7 |

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

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

TABLE 13.

FALL DENSITY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

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

| NAME | AZ1 | IL1 | KY1 | KY2 | MI1 | MT1 | NE1 | OK1 | PA1 | TX1 | UT1 | VA1 | WA3 | WA4 | WI1 | WI2 | MEAN |
|-----------------------|------|------|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|------|
| PENN A-1 | 7.0 | 6.8 | 8.8 | 8.8 | 7.2 | 8.3 | 9.0 | 8.0 | 7.9 | 7.0 | 5.7 | 6.8 | 7.3 | 8.0 | 6.7 | 5.9 | 7.3 |
| VESPER (PICK MVB) | 5.8 | 7.0 | 8.2 | 7.8 | 6.6 | 7.3 | 6.3 | 8.2 | 8.9 | 5.6 | 6.3 | 7.4 | 9.0 | 8.3 | 7.9 | 7.4 | 7.3 |
| PENN A-2 | 7.5 | 7.1 | 7.8 | 8.2 | 7.1 | 8.0 | 8.8 | 7.5 | 7.3 | 6.9 | 6.0 | 7.0 | 6.8 | 7.3 | 6.8 | 6.0 | 7.2 |
| PENN G-1 | 7.3 | 6.7 | 8.3 | 8.5 | 7.0 | 8.0 | 8.8 | 7.5 | 7.4 | 6.9 | 6.3 | 7.1 | 7.0 | 7.0 | 6.8 | 5.9 | 7.2 |
| PENN A-4 | 7.7 | 6.5 | 8.0 | 8.2 | 7.1 | 7.7 | 9.0 | 7.5 | 7.6 | 6.4 | 6.0 | 7.0 | 6.8 | 7.0 | 6.8 | 5.8 | 7.1 |
| PST-A2E | 7.0 | 6.7 | 7.8 | 7.8 | 6.9 | 8.3 | 8.5 | 7.0 | 7.2 | 7.1 | 5.3 | 6.9 | 6.8 | 6.7 | 6.9 | 6.6 | 7.1 |
| SYN 96-1 | 6.9 | 7.0 | 7.0 | 7.2 | 6.9 | 8.3 | 8.7 | 8.0 | 8.1 | 6.1 | 5.7 | 7.2 | 7.5 | 7.3 | 6.4 | 5.7 | 7.0 |
| SR 7200 | 5.6 | 6.8 | 8.2 | 8.0 | 7.0 | 8.3 | 6.0 | 8.0 | 8.2 | 6.0 | 4.3 | 6.8 | 9.0 | 8.7 | 7.2 | 6.4 | 7.0 |
| PENN G-6 | 6.5 | 6.9 | 7.5 | 7.5 | 7.2 | 8.7 | 8.8 | 7.3 | 7.4 | 7.0 | 5.0 | 7.4 | 6.3 | 7.0 | 6.2 | 5.9 | 7.0 |
| SYN 96-3 | 6.5 | 6.8 | 6.2 | 6.5 | 6.8 | 8.3 | 8.3 | 8.0 | 8.0 | 6.3 | 5.3 | 7.6 | 7.5 | 7.3 | 6.9 | 6.1 | 7.0 |
| SYN 96-2 | 6.8 | 6.8 | 6.5 | 6.8 | 6.6 | 7.7 | 8.7 | 8.0 | 8.1 | 6.1 | 5.7 | 7.4 | 7.0 | 7.7 | 6.8 | 5.7 | 7.0 |
| BENGAL (BAR AS 8FUS2) | 6.9 | 7.0 | 7.5 | 7.5 | 6.8 | 7.7 | 8.8 | 7.2 | 7.3 | 6.4 | 5.3 | 6.8 | 6.2 | 6.7 | 6.6 | 6.0 | 6.9 |
| ISI AP-5 | 6.8 | 6.3 | 7.3 | 7.7 | 6.8 | 8.0 | 8.7 | 7.0 | 6.9 | 7.0 | 5.0 | 6.7 | 6.5 | 6.7 | 6.3 | 5.9 | 6.8 |
| L-93 | 6.6 | 6.7 | 7.5 | 7.5 | 6.7 | 8.0 | 8.5 | 7.0 | 6.7 | 7.1 | 5.0 | 6.9 | 6.0 | 6.7 | 6.4 | 6.0 | 6.8 |
| IMPERIAL | 6.8 | 6.5 | 7.0 | 7.2 | 7.0 | 8.0 | 8.3 | 7.0 | 6.9 | 6.4 | 5.0 | 7.0 | 6.8 | 7.0 | 6.1 | 5.8 | 6.8 |
| SRX 1NJH | 6.1 | 6.7 | 7.2 | 7.3 | 7.1 | 8.0 | 8.7 | 7.0 | 6.3 | 7.0 | 5.3 | 7.0 | 6.7 | 6.7 | 6.2 | 5.8 | 6.7 |
| ABT-CRB-1 | 6.0 | 6.6 | 7.2 | 7.2 | 6.7 | 8.0 | 8.5 | 7.3 | 7.4 | 7.2 | 5.7 | 6.4 | 6.7 | 7.0 | 6.3 | 5.3 | 6.7 |
| CENTURY | 7.0 | 6.5 | 6.8 | 6.7 | 6.7 | 8.0 | 8.7 | 7.0 | 6.9 | 6.0 | 5.3 | 6.9 | 6.2 | 7.0 | 6.3 | 5.4 | 6.7 |
| BAR CB 8US3 | 6.8 | 6.4 | 6.7 | 6.7 | 6.9 | 7.3 | 8.5 | 7.0 | 6.8 | 5.9 | 5.3 | 6.7 | 6.5 | 7.0 | 6.2 | 5.4 | 6.6 |
| PROVIDENCE | 6.4 | 6.2 | 7.0 | 7.0 | 7.1 | 8.0 | 8.3 | 7.0 | 6.7 | 6.2 | 5.3 | 6.3 | 6.3 | 7.0 | 6.3 | 5.4 | 6.6 |
| BRIGHTON (SRX 1120) | 6.3 | 6.3 | 6.5 | 7.0 | 7.0 | 7.7 | 8.5 | 7.0 | 6.2 | 6.2 | 5.3 | 6.6 | 6.0 | 7.0 | 6.3 | 5.7 | 6.5 |
| BACKSPIN | 6.6 | 6.2 | 7.0 | 6.7 | 6.8 | 8.0 | 8.2 | 6.7 | 7.0 | 6.4 | 6.0 | 6.3 | 6.2 | 6.7 | 5.8 | 5.4 | 6.5 |
| SR 1119 | 6.3 | 6.2 | 7.3 | 7.2 | 6.9 | 8.3 | 8.5 | 7.0 | 6.3 | 6.4 | 5.3 | 6.2 | 5.7 | 6.0 | 6.1 | 5.7 | 6.5 |
| SRX 1BPAA | 6.3 | 6.0 | 6.7 | 7.2 | 7.0 | 8.0 | 8.8 | 7.0 | 5.6 | 6.3 | 5.0 | 6.6 | 6.3 | 6.7 | 5.9 | 5.6 | 6.5 |
| PICK CB 13-94 | 6.4 | 5.9 | 6.0 | 6.0 | 6.7 | 8.0 | 8.5 | 7.0 | 6.4 | 6.7 | 5.3 | 7.0 | 5.3 | 6.3 | 5.9 | 5.8 | 6.4 |
| CRENSHAW | 6.7 | 5.9 | 6.2 | 6.7 | 7.0 | 8.0 | 8.7 | 7.0 | 6.8 | 5.9 | 5.0 | 6.9 | 5.7 | 6.7 | 5.7 | 4.9 | 6.4 |
| PENNLINKS | 5.9 | 5.4 | 5.2 | 5.2 | 6.9 | 7.7 | 8.5 | 6.3 | 5.0 | 6.6 | 3.3 | 6.1 | 4.5 | 6.0 | 5.6 | 5.6 | 5.9 |
| PENNCROSS | 5.4 | 5.1 | 4.0 | 4.3 | 6.8 | 8.7 | 8.2 | 6.3 | 5.1 | 6.2 | 3.7 | 5.8 | 4.2 | 6.0 | 5.4 | 5.4 | 5.6 |
| BAVARIA | 5.7 | 6.3 | 5.7 | 5.5 | 6.6 | 8.0 | 6.3 | 6.3 | 2.0 | 5.6 | 4.7 | 5.6 | 3.5 | 4.0 | 6.0 | 5.3 | 5.5 |
| LSD VALUE | 1.1 | 1.1 | 0.9 | 0.9 | 0.7 | 1.1 | 0.8 | 0.7 | 0.9 | 1.3 | 1.7 | 1.2 | 1.1 | 0.7 | 0.9 | 0.9 | 0.3 |
| C.V. (%) | 10.7 | 11.3 | 8.1 | 8.2 | 6.0 | 8.4 | 5.9 | 5.7 | 8.0 | 13.9 | 19.5 | 10.9 | 10.6 | 6.0 | 9.3 | 9.9 | 9.6 |

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

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

TABLE 14. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

| PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/ | | | | | | | | |
|---|------|------|------|------|------|------|------|------|
| NAME | AZ1 | KY1 | KY2 | MI1 | M01 | NC1 | OK1 | MEAN |
| PENN A-2 | 98.2 | 97.7 | 97.7 | 90.3 | 93.4 | 98.7 | 97.6 | 95.3 |
| L-93 | 98.0 | 92.7 | 92.7 | 88.3 | 97.0 | 99.0 | 97.8 | 95.2 |
| PENN G-1 | 98.8 | 93.0 | 93.0 | 85.8 | 98.3 | 99.0 | 97.8 | 95.1 |
| BAR CB 8US3 | 98.4 | 97.0 | 97.0 | 87.9 | 97.0 | 99.0 | 95.6 | 95.0 |
| PENNLINKS | 95.6 | 97.3 | 97.3 | 88.8 | 97.1 | 98.7 | 97.1 | 95.0 |
| PST-A2E | 98.2 | 94.0 | 94.0 | 87.1 | 96.2 | 99.0 | 97.3 | 94.8 |
| SR 1119 | 96.7 | 96.3 | 96.3 | 87.9 | 94.4 | 99.0 | 97.3 | 94.6 |
| PENN A-4 | 98.9 | 95.0 | 95.0 | 90.8 | 86.7 | 99.0 | 97.6 | 94.1 |
| BRIGHTON (SRX 1120) | 97.8 | 93.0 | 93.0 | 85.4 | 95.2 | 98.3 | 97.5 | 94.0 |
| PENNCROSS | 93.9 | 96.3 | 96.3 | 86.7 | 96.1 | 99.0 | 97.1 | 94.0 |
| PICK CB 13-94 | 98.3 | 99.0 | 99.0 | 87.1 | 88.0 | 99.0 | 97.3 | 93.8 |
| BENGAL (BAR AS 8FUS2) | 98.7 | 93.0 | 93.0 | 84.6 | 93.9 | 99.0 | 97.3 | 93.8 |
| PENN G-6 | 98.1 | 97.7 | 97.7 | 87.1 | 88.2 | 98.7 | 97.9 | 93.8 |
| BACKSPIN | 98.1 | 99.0 | 99.0 | 87.9 | 87.9 | 99.0 | 96.0 | 93.5 |
| ISI AP-5 | 95.6 | 96.7 | 96.7 | 87.1 | 89.8 | 99.0 | 97.7 | 93.5 |
| PENN A-1 | 96.6 | 98.7 | 98.7 | 88.3 | 85.6 | 99.0 | 98.0 | 93.4 |
| CRENSHAW | 95.4 | 97.3 | 97.3 | 87.9 | 95.3 | 99.0 | 92.2 | 93.2 |
| SYN 96-1 | 97.2 | 97.7 | 97.7 | 87.0 | 85.4 | 99.0 | 96.3 | 92.7 |
| SYN 96-3 | 92.7 | 90.3 | 90.3 | 87.5 | 92.2 | 99.0 | 96.6 | 92.6 |
| PROVIDENCE | 97.2 | 92.7 | 92.7 | 88.3 | 86.1 | 99.0 | 96.3 | 92.6 |
| CENTURY | 97.0 | 98.7 | 98.7 | 86.6 | 87.1 | 99.0 | 92.3 | 92.0 |
| SRX 1BPAA | 95.3 | 90.7 | 90.7 | 87.5 | 83.9 | 98.3 | 97.2 | 91.6 |
| IMPERIAL | 97.7 | 98.7 | 98.7 | 90.0 | 76.0 | 99.0 | 95.3 | 91.5 |
| SRX 1NJH | 96.9 | 91.0 | 91.0 | 84.6 | 75.2 | 98.7 | 97.6 | 89.9 |
| ABT-CRB-1 | 89.0 | 99.0 | 99.0 | 84.6 | 74.8 | 99.0 | 97.4 | 89.0 |
| SYN 96-2 | 91.6 | 88.3 | 88.3 | 89.2 | 67.3 | 99.0 | 93.4 | 87.1 |
| SR 7200 | 88.4 | 89.0 | 89.0 | 85.8 | 90.7 | 98.7 | 67.5 | 83.9 |
| VESPER (PICK MVB) | 90.6 | 83.3 | 83.3 | 83.3 | 83.9 | 99.0 | 71.0 | 82.8 |
| BAVARIA | 89.7 | 85.7 | 85.7 | 84.2 | 87.0 | 99.0 | 25.3 | 72.3 |
| LSD VALUE | 7.2 | 9.0 | 9.0 | 8.9 | 22.5 | 0.5 | 13.4 | 6.6 |
| C.V. (%) | 4.7 | 5.9 | 5.9 | 6.8 | 16.2 | 0.3 | 9.1 | 9.2 |

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

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

TABLE 15. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

| NAME | PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/ | | | | | | | | MEAN |
|-----------------------|---|------|------|------|------|------|------|------|------|
| | AZ1 | KY2 | ME1 | MI1 | MO1 | NC1 | OK1 | UT1 | |
| L-93 | 99.0 | 85.0 | 78.3 | 91.7 | 98.3 | 75.0 | 95.6 | 80.0 | 92.0 |
| PENN G-6 | 96.8 | 86.7 | 83.3 | 92.2 | 94.6 | 78.3 | 95.8 | 70.0 | 91.0 |
| PENN G-1 | 97.1 | 53.3 | 76.7 | 90.6 | 98.4 | 86.7 | 95.7 | 80.0 | 90.6 |
| PENNLINKS | 97.4 | 31.7 | 91.7 | 90.6 | 96.6 | 79.3 | 94.3 | 86.7 | 89.9 |
| PENN A-2 | 93.7 | 76.7 | 90.0 | 92.2 | 93.2 | 78.0 | 95.4 | 68.3 | 89.9 |
| PENNCROSS | 97.7 | 41.7 | 81.7 | 88.9 | 96.1 | 93.0 | 95.4 | 71.7 | 89.5 |
| BAR CB 8US3 | 96.7 | 60.0 | 83.3 | 87.2 | 97.8 | 80.7 | 94.7 | 71.7 | 89.5 |
| BRIGHTON (SRX 1120) | 95.1 | 66.7 | 68.3 | 87.8 | 94.8 | 90.0 | 94.2 | 83.3 | 89.2 |
| PICK CB 13-94 | 98.9 | 55.0 | 76.7 | 87.8 | 92.0 | 86.7 | 93.7 | 80.0 | 88.9 |
| PST-AZE | 95.9 | 85.0 | 71.7 | 91.1 | 96.3 | 51.7 | 94.3 | 73.3 | 88.5 |
| SYN 96-1 | 94.2 | 51.7 | 90.0 | 90.6 | 89.8 | 80.7 | 95.2 | 78.3 | 88.3 |
| CRENSHAW | 95.7 | 55.0 | 86.7 | 81.1 | 96.3 | 75.0 | 93.7 | 84.7 | 88.0 |
| BENGAL (BAR AS 8FUS2) | 98.2 | 41.7 | 76.7 | 89.4 | 95.1 | 78.3 | 94.7 | 71.7 | 88.0 |
| ISI AP-5 | 98.7 | 85.0 | 76.7 | 87.2 | 89.7 | 63.3 | 95.3 | 70.0 | 87.9 |
| SR 1119 | 95.9 | 63.3 | 78.3 | 90.0 | 93.0 | 71.7 | 94.4 | 65.0 | 87.6 |
| PROVIDENCE | 95.2 | 58.3 | 90.0 | 86.1 | 86.7 | 82.7 | 94.3 | 76.7 | 87.6 |
| BACKSPIN | 94.1 | 55.0 | 81.7 | 82.8 | 94.8 | 86.0 | 94.3 | 71.7 | 87.6 |
| PENN A-4 | 98.4 | 88.3 | 83.3 | 91.1 | 87.7 | 35.0 | 95.6 | 75.0 | 87.3 |
| PENN A-1 | 93.7 | 96.0 | 90.0 | 91.1 | 88.0 | 26.7 | 95.9 | 78.3 | 86.9 |
| CENTURY | 89.1 | 80.0 | 91.3 | 86.7 | 92.1 | 56.7 | 92.1 | 80.0 | 86.8 |
| SRX 1BPAA | 92.7 | 65.0 | 63.3 | 88.9 | 88.6 | 89.3 | 93.3 | 76.7 | 86.7 |
| SYN 96-3 | 78.4 | 70.0 | 81.7 | 93.2 | 93.7 | 61.7 | 96.4 | 83.3 | 86.6 |
| SRX 1NJH | 98.1 | 75.0 | 80.0 | 86.7 | 75.9 | 78.3 | 95.3 | 73.3 | 85.6 |
| IMPERIAL | 95.7 | 56.7 | 86.7 | 86.1 | 79.8 | 75.0 | 94.0 | 71.7 | 84.8 |
| ABT-CRB-1 | 75.2 | 75.0 | 86.7 | 90.6 | 71.4 | 73.3 | 95.3 | 83.3 | 81.9 |
| SYN 96-2 | 75.7 | 57.3 | 86.7 | 88.9 | 72.6 | 55.0 | 93.6 | 70.0 | 78.7 |
| VESPER (PICK MVB) | 86.9 | 34.0 | 75.0 | 87.2 | 88.0 | 78.3 | 58.3 | 58.3 | 76.7 |
| SR 7200 | 84.6 | 14.7 | 85.0 | 86.7 | 92.6 | 68.3 | 52.2 | 56.7 | 74.8 |
| BAVARIA | 87.3 | 8.0 | 80.0 | 81.7 | 89.0 | 68.3 | 15.3 | 63.3 | 67.0 |
| LSD VALUE | 14.9 | 24.6 | 15.6 | 6.8 | 17.5 | 26.6 | 12.1 | 18.6 | 8.4 |
| C.V. (%) | 10.1 | 25.0 | 11.8 | 4.8 | 12.4 | 22.8 | 8.4 | 15.6 | 12.0 |

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 16. PERCENT LIVING GROUND COVER (FALL) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

| PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/ | | | | | | |
|---|------|------|------|------|------|------|
| NAME | AZ1 | KY2 | MI1 | M01 | OK1 | MEAN |
| PENN A-4 | 98.7 | 76.7 | 91.1 | 70.0 | 97.8 | 89.3 |
| PENNLINKS | 97.4 | 85.0 | 90.0 | 69.8 | 97.8 | 88.9 |
| L-93 | 98.6 | 78.3 | 91.7 | 69.7 | 97.8 | 88.8 |
| PENN G-1 | 98.1 | 65.0 | 91.1 | 71.5 | 98.2 | 88.3 |
| CENTURY | 93.6 | 90.0 | 87.8 | 69.5 | 94.3 | 87.5 |
| PENN G-6 | 97.7 | 85.0 | 91.7 | 62.3 | 97.9 | 87.3 |
| BACKSPIN | 96.2 | 70.0 | 85.0 | 73.3 | 96.8 | 87.2 |
| PENNCROSS | 97.0 | 81.7 | 87.2 | 68.2 | 97.6 | 87.2 |
| PENN A-2 | 96.4 | 90.0 | 92.1 | 58.3 | 98.0 | 87.1 |
| BENGAL (BAR AS 8FUS2) | 98.4 | 74.0 | 89.4 | 60.8 | 97.8 | 86.1 |
| PST-A2E | 97.3 | 85.0 | 91.1 | 57.5 | 97.8 | 85.9 |
| ISI AP-5 | 98.0 | 88.3 | 90.4 | 54.2 | 97.9 | 85.9 |
| SYN 96-1 | 96.3 | 74.0 | 90.6 | 57.5 | 97.3 | 85.8 |
| BAR CB 8US3 | 97.1 | 78.3 | 88.9 | 61.3 | 97.1 | 85.7 |
| PENN A-1 | 94.8 | 86.7 | 90.6 | 55.7 | 98.2 | 85.5 |
| IMPERIAL | 97.0 | 88.0 | 87.8 | 52.5 | 96.9 | 85.4 |
| BRIGHTON (SRX 1120) | 96.3 | 75.0 | 88.9 | 58.3 | 97.8 | 85.1 |
| SR 1119 | 95.8 | 70.0 | 90.0 | 57.5 | 97.8 | 84.8 |
| PROVIDENCE | 95.4 | 51.7 | 87.8 | 66.3 | 97.2 | 84.7 |
| SRX 1BPAA | 95.1 | 85.0 | 89.4 | 52.5 | 97.5 | 84.6 |
| SYN 96-3 | 85.1 | 83.3 | 92.2 | 62.3 | 97.3 | 84.3 |
| PICK CB 13-94 | 98.3 | 76.7 | 89.4 | 52.5 | 97.4 | 84.2 |
| CRENSHAW | 95.6 | 75.0 | 86.1 | 59.2 | 94.8 | 83.4 |
| SRX 1NJH | 98.1 | 87.7 | 87.8 | 41.5 | 98.0 | 83.0 |
| ABT-CRB-1 | 82.2 | 55.0 | 90.6 | 52.5 | 98.2 | 80.6 |
| SYN 96-2 | 83.8 | 86.7 | 91.1 | 40.8 | 94.3 | 80.1 |
| SR 7200 | 90.1 | 15.7 | 90.0 | 63.8 | 63.7 | 69.8 |
| VESPER (PICK MVB) | 88.9 | 22.7 | 87.2 | 60.8 | 59.7 | 67.7 |
| BAVARIA | 92.2 | 17.0 | 85.0 | 60.8 | 15.5 | 54.0 |
| LSD VALUE | 9.3 | 17.4 | 6.7 | 22.4 | 15.4 | 8.4 |
| C.V. (%) | 6.2 | 15.0 | 4.7 | 27.2 | 10.4 | 11.2 |

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

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

TABLE 17. FROST TOLERANCE RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 2/ 3/

| NAME | MT1 |
|-----------------------|-----|
| ABT-CRB-1 | 6.3 |
| BACKSPIN | 6.3 |
| BRIGHTON (SRX 1120) | 6.3 |
| CRENSHAW | 6.3 |
| IMPERIAL | 6.3 |
| ISI AP-5 | 6.3 |
| L-93 | 6.3 |
| PENN A-1 | 6.3 |
| PENN A-2 | 6.3 |
| PENN G-1 | 6.3 |
| PENNCROSS | 6.3 |
| PENNLINKS | 6.3 |
| SRX 1BPAA | 6.3 |
| SRX 1NJH | 6.3 |
| SYN 96-1 | 6.3 |
| SYN 96-2 | 6.3 |
| BAR CB 8US3 | 6.0 |
| BAVARIA | 6.0 |
| BENGAL (BAR AS 8FUS2) | 6.0 |
| CENTURY | 6.0 |
| PENN A-4 | 6.0 |
| PENN G-6 | 6.0 |
| PICK CB 13-94 | 6.0 |
| PROVIDENCE | 6.0 |
| PST-A2E | 6.0 |
| SR 1119 | 6.0 |
| SYN 96-3 | 6.0 |
| SR 7200 | 5.0 |
| VESPER (PICK MVB) | 5.0 |
| LSD VALUE | 0.8 |
| C.V. (%) | 7.6 |

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.

3/ FROST TOLERANCE RATED IN 1999 ONLY.

TABLE 18. WINTER COLOR RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

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

| NAME | AL1 | AZ1 | KY1 | KY2 | MO1 | OK1 | TX1 | VA1 | MEAN |
|-----------------------|-----|------|-----|-----|------|-----|-----|------|------|
| SRX 1BPAA | 7.5 | 6.8 | 7.3 | 7.3 | 3.3 | 4.4 | 6.7 | 5.3 | 6.0 |
| PENN A-2 | 6.7 | 7.3 | 7.0 | 7.0 | 3.0 | 4.6 | 6.5 | 4.6 | 5.9 |
| PENN A-4 | 6.3 | 6.8 | 6.7 | 6.7 | 3.3 | 4.5 | 6.8 | 5.1 | 5.8 |
| SR 7200 | 5.8 | 5.6 | 8.7 | 8.7 | 2.3 | 4.0 | 6.3 | 7.4 | 5.8 |
| VESPER (PICK MVB) | 5.8 | 5.8 | 9.0 | 9.0 | 2.0 | 3.8 | 6.2 | 7.4 | 5.8 |
| BAR CB 8US3 | 6.7 | 6.7 | 6.3 | 6.3 | 3.7 | 4.3 | 6.8 | 4.9 | 5.8 |
| L-93 | 7.0 | 5.8 | 6.7 | 6.7 | 4.0 | 4.3 | 6.7 | 5.6 | 5.7 |
| ISI AP-5 | 7.0 | 6.6 | 6.0 | 6.0 | 3.0 | 4.3 | 6.7 | 4.9 | 5.7 |
| PST-A2E | 7.0 | 6.8 | 7.3 | 7.3 | 2.7 | 4.3 | 6.7 | 4.2 | 5.7 |
| PENN G-1 | 7.0 | 6.4 | 6.3 | 6.3 | 4.0 | 4.2 | 6.8 | 4.4 | 5.6 |
| SRX 1NJH | 7.0 | 6.5 | 6.3 | 6.3 | 2.3 | 4.1 | 7.0 | 4.6 | 5.6 |
| BENGAL (BAR AS 8FUS2) | 7.0 | 5.8 | 6.3 | 6.3 | 3.7 | 4.3 | 6.7 | 4.7 | 5.6 |
| CRENSHAW | 7.0 | 6.6 | 6.7 | 6.7 | 2.3 | 3.9 | 6.5 | 4.9 | 5.6 |
| PICK CB 13-94 | 6.7 | 6.6 | 7.0 | 7.0 | 3.3 | 3.8 | 6.8 | 4.7 | 5.5 |
| PENN A-1 | 7.0 | 5.9 | 6.7 | 6.7 | 3.0 | 4.3 | 6.3 | 4.9 | 5.5 |
| SR 1119 | 7.0 | 6.3 | 7.0 | 7.0 | 3.7 | 4.0 | 6.3 | 4.6 | 5.5 |
| PROVIDENCE | 6.7 | 6.1 | 7.0 | 7.0 | 2.3 | 4.1 | 7.0 | 4.7 | 5.5 |
| ABT-CRB-1 | 6.2 | 6.5 | 7.3 | 7.3 | 2.0 | 4.3 | 6.3 | 4.0 | 5.4 |
| BRIGHTON (SRX 1120) | 6.8 | 5.7 | 6.7 | 6.7 | 3.3 | 4.3 | 6.5 | 4.8 | 5.4 |
| BAVARIA | 5.2 | 5.3 | 7.7 | 7.7 | 2.0 | 3.8 | 5.8 | 6.3 | 5.4 |
| PENNLINKS | 6.3 | 5.5 | 6.3 | 6.3 | 3.3 | 4.3 | 6.8 | 4.9 | 5.4 |
| SYN 96-2 | 6.7 | 6.7 | 6.7 | 6.7 | 2.0 | 3.9 | 6.2 | 3.8 | 5.4 |
| PENN G-6 | 6.8 | 6.1 | 6.3 | 6.3 | 3.0 | 4.0 | 6.2 | 4.6 | 5.3 |
| CENTURY | 6.7 | 5.5 | 6.7 | 6.7 | 4.0 | 4.0 | 6.8 | 4.1 | 5.3 |
| SYN 96-1 | 6.2 | 6.0 | 7.3 | 7.3 | 3.7 | 3.9 | 6.3 | 3.9 | 5.3 |
| IMPERIAL | 6.0 | 5.8 | 6.7 | 6.7 | 3.0 | 4.3 | 6.8 | 3.9 | 5.3 |
| PENNCROSS | 6.2 | 5.4 | 6.0 | 6.0 | 2.3 | 4.3 | 6.5 | 5.0 | 5.3 |
| SYN 96-3 | 6.7 | 5.7 | 7.0 | 7.0 | 2.7 | 4.2 | 6.2 | 3.7 | 5.2 |
| BACKSPIN | 6.2 | 5.7 | 6.0 | 6.0 | 4.0 | 4.3 | 6.5 | 3.8 | 5.1 |
| LSD VALUE | 1.0 | 1.0 | 0.9 | 0.9 | 1.2 | 0.6 | 0.9 | 1.1 | 0.5 |
| C.V. (%) | 9.9 | 10.0 | 8.0 | 8.0 | 24.1 | 9.7 | 8.4 | 14.1 | 10.6 |

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

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

TABLE 19. PERCENT WINTER KILL RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 2/ 3/

| NAME | NY1 |
|-----------------------|------|
| BACKSPIN | 26.7 |
| PENNLINKS | 23.3 |
| BAR CB 8US3 | 23.3 |
| BAVARIA | 23.3 |
| L-93 | 20.0 |
| PROVIDENCE | 23.3 |
| CRENSHAW | 20.0 |
| CENTURY | 20.0 |
| PST-A2E | 20.0 |
| PENN A-4 | 20.0 |
| PENN A-1 | 20.0 |
| PENN G-6 | 16.7 |
| PENNCROSS | 16.7 |
| BENGAL (BAR AS 8FUS2) | 16.7 |
| ISI AP-5 | 16.7 |
| PENN G-1 | 16.7 |
| SR 7200 | 16.7 |
| SYN 96-3 | 16.7 |
| PENN A-2 | 16.7 |
| SYN 96-1 | 16.7 |
| SRX 1NJH | 13.3 |
| ABT-CRB-1 | 16.7 |
| IMPERIAL | 13.3 |
| VESPER (PICK MVB) | 13.3 |
| BRIGHTON (SRX 1120) | 13.3 |
| PICK CB 13-94 | 13.3 |
| SYN 96-2 | 13.3 |
| SR 1119 | 10.0 |
| SRX 1BPAA | 10.0 |
| LSD VALUE | 11.9 |
| C.V. (%) | 42.5 |

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.

3/ PERCENT WINTER KILL RATED IN 2000 ONLY.

TABLE 20. WINTER KILL RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

WINTER KILL RATINGS 1-9; 9=LEAST KILL 2/ 3/

| NAME | KS1 |
|-----------------------|------|
| L-93 | 7.0 |
| SRX 1NJH | 7.0 |
| CRENSHAW | 6.7 |
| PENN G-6 | 6.3 |
| PENNLINKS | 6.3 |
| CENTURY | 6.0 |
| PENNCROSS | 6.0 |
| SR 1119 | 6.0 |
| SRX 1BPAA | 6.0 |
| BAR CB 8US3 | 5.7 |
| BENGAL (BAR AS 8FUS2) | 5.7 |
| ISI AP-5 | 5.7 |
| IMPERIAL | 5.3 |
| PENN G-1 | 5.3 |
| PST-A2E | 5.3 |
| VESPER (PICK MVB) | 5.3 |
| BRIGHTON (SRX 1120) | 5.0 |
| SR 7200 | 5.0 |
| SYN 96-3 | 5.0 |
| BACKSPIN | 4.7 |
| PENN A-2 | 4.7 |
| BAVARIA | 4.3 |
| PICK CB 13-94 | 4.3 |
| SYN 96-1 | 4.0 |
| SYN 96-2 | 4.0 |
| PROVIDENCE | 3.7 |
| PENN A-4 | 3.3 |
| PENN A-1 | 3.0 |
| ABT-CRB-1 | 2.0 |
| LSD VALUE | 2.4 |
| C.V. (%) | 28.8 |

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.

3/ WINTER KILL RATED IN 2002 ONLY.

TABLE 21. DROUGHT TOLERANCE (WILTING) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

DROUGHT TOLERANCE (WILTING) RATINGS 1-9; 9=NO WILTING 2/ 3/

| NAME | AZ1 |
|-----------------------|------|
| BENGAL (BAR AS 8FUS2) | 8.0 |
| BACKSPIN | 7.7 |
| PENN A-4 | 7.3 |
| ISI AP-5 | 7.2 |
| BAR CB 8US3 | 7.0 |
| PENN G-1 | 7.0 |
| PENN G-6 | 7.0 |
| ABT-CRB-1 | 6.8 |
| PROVIDENCE | 6.8 |
| SR 1119 | 6.8 |
| SYN 96-1 | 6.8 |
| BRIGHTON (SRX 1120) | 6.8 |
| PST-A2E | 6.8 |
| PENN A-2 | 6.7 |
| IMPERIAL | 6.7 |
| PENN A-1 | 6.7 |
| L-93 | 6.5 |
| CENTURY | 6.3 |
| PENNCROSS | 6.3 |
| PENNLINKS | 6.3 |
| SRX 1NJH | 6.3 |
| SRX 1BPAA | 6.2 |
| PICK CB 13-94 | 6.2 |
| SYN 96-3 | 6.2 |
| BAVARIA | 5.8 |
| CRENSHAW | 5.7 |
| SYN 96-2 | 5.7 |
| SR 7200 | 5.5 |
| VESPER (PICK MVB) | 5.3 |
| LSD VALUE | 1.4 |
| C.V. (%) | 16.7 |

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

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

3/ DROUGHT TOLERANCE (WILTING) RATED IN 2000 AND 2002.

TABLE 22. DROUGHT TOLERANCE (DORMANCY) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

DROUGHT TOLERANCE (DORMANCY) RATINGS 1-9; 9=NO DORMANCY 2/ 3/

| NAME | AZ1 | ME1 | VA1 | MEAN |
|-----------------------|------|------|------|------|
| BAVARIA | 2.7 | 7.7 | 9.0 | 6.8 |
| VESPER (PICK MVB) | 1.0 | 8.7 | 8.7 | 6.8 |
| SR 7200 | 1.7 | 8.0 | 8.3 | 6.5 |
| PENNLINKS | 4.7 | 7.0 | 6.0 | 6.2 |
| ISI AP-5 | 3.0 | 7.3 | 6.7 | 6.1 |
| BRIGHTON (SRX 1120) | 3.0 | 7.0 | 6.3 | 5.8 |
| PENNCROSS | 3.3 | 7.0 | 5.7 | 5.8 |
| SR 1119 | 2.3 | 7.3 | 6.0 | 5.8 |
| BACKSPIN | 1.7 | 7.0 | 5.7 | 5.3 |
| PENN A-1 | 1.7 | 7.3 | 5.0 | 5.3 |
| SRX 1BPAA | 3.7 | 5.7 | 5.7 | 5.2 |
| PENN G-1 | 2.3 | 7.0 | 4.0 | 5.1 |
| PROVIDENCE | 1.7 | 6.7 | 5.3 | 5.1 |
| ABT-CRB-1 | 1.0 | 7.0 | 5.0 | 5.0 |
| CENTURY | 1.0 | 7.0 | 5.0 | 5.0 |
| PENN A-4 | 1.0 | 7.0 | 5.0 | 5.0 |
| PST-A2E | 1.7 | 6.0 | 6.0 | 4.9 |
| IMPERIAL | 1.0 | 6.7 | 5.0 | 4.8 |
| BENGAL (BAR AS 8FUS2) | 3.7 | 5.3 | 5.0 | 4.8 |
| L-93 | 1.7 | 6.3 | 5.0 | 4.8 |
| BAR CB 8US3 | 2.3 | 5.7 | 4.3 | 4.5 |
| CRENSHAW | 1.0 | 6.3 | 4.3 | 4.5 |
| SYN 96-2 | 2.7 | 5.7 | 3.3 | 4.3 |
| PICK CB 13-94 | 1.7 | 5.3 | 5.0 | 4.3 |
| SYN 96-1 | 1.0 | 6.0 | 3.7 | 4.2 |
| PENN G-6 | 1.0 | 5.3 | 4.0 | 3.9 |
| SRX 1NJH | 1.0 | 5.3 | 4.0 | 3.9 |
| PENN A-2 | 1.0 | 5.3 | 3.7 | 3.8 |
| SYN 96-3 | 1.0 | 4.7 | 3.7 | 3.5 |
| LSD VALUE | 2.5 | 2.7 | 3.3 | 2.4 |
| C.V. (%) | 79.6 | 26.0 | 38.0 | 37.8 |

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.

3/ DROUGHT TOLERANCE (DORMANCY) RATED AT "AZ1" & "VA1" IN 2000, AND AT "ME1" IN 2002.

TABLE 23. DROUGHT TOLERANCE (RECOVERY) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

DROUGHT TOLERANCE (RECOVERY) RATINGS 1-9; 9=COMPLETE RECOVERY 2/ 3/

| NAME | AZ1 | VA1 | MEAN |
|-----------------------|------|------|------|
| ISI AP-5 | 9.0 | 7.3 | 8.2 |
| BENGAL (BAR AS 8FUS2) | 9.0 | 7.0 | 8.0 |
| PENN G-1 | 8.7 | 6.7 | 7.7 |
| PENNLINKS | 9.0 | 6.3 | 7.7 |
| PENN A-1 | 8.0 | 7.0 | 7.5 |
| PENNCROSS | 8.7 | 6.3 | 7.5 |
| BAVARIA | 7.0 | 7.7 | 7.3 |
| BRIGHTON (SRX 1120) | 8.0 | 6.7 | 7.3 |
| IMPERIAL | 7.7 | 7.0 | 7.3 |
| PST-A2E | 8.0 | 6.7 | 7.3 |
| SRX 1BPAA | 7.7 | 7.0 | 7.3 |
| PENN G-6 | 7.3 | 7.3 | 7.3 |
| BACKSPIN | 7.7 | 6.7 | 7.2 |
| PICK CB 13-94 | 8.3 | 6.0 | 7.2 |
| SR 1119 | 7.7 | 6.7 | 7.2 |
| PROVIDENCE | 8.0 | 6.0 | 7.0 |
| VESPER (PICK MVB) | 5.0 | 9.0 | 7.0 |
| CENTURY | 7.0 | 6.7 | 6.8 |
| PENN A-2 | 7.0 | 6.7 | 6.8 |
| PENN A-4 | 8.3 | 5.3 | 6.8 |
| SR 7200 | 6.0 | 7.7 | 6.8 |
| L-93 | 7.7 | 5.7 | 6.7 |
| BAR CB 8US3 | 8.0 | 5.3 | 6.7 |
| SRX 1NJH | 6.7 | 6.0 | 6.3 |
| CRENSHAW | 6.0 | 6.3 | 6.2 |
| SYN 96-1 | 6.3 | 6.0 | 6.2 |
| ABT-CRB-1 | 5.3 | 5.7 | 5.5 |
| SYN 96-3 | 4.7 | 6.3 | 5.5 |
| SYN 96-2 | 4.7 | 5.3 | 5.0 |
| LSL VALUE | 1.8 | 1.9 | 1.3 |
| C.V. (%) | 15.0 | 17.6 | 16.2 |

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

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

3/ DROUGHT TOLERANCE (RECOVERY) RATED IN 2000 ONLY.

TABLE 24. THATCH MEASUREMENTS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

| THATCH MEASUREMENTS IN MILLIMETERS 2/ 3/ | | | |
|--|------|------|------|
| NAME | AL1 | AZ1 | MEAN |
| PENN A-4 | 16.3 | 11.5 | 13.9 |
| VESPER (PICK MVB) | 18.3 | 9.3 | 13.8 |
| PENN A-1 | 17.2 | 10.0 | 13.6 |
| PENN A-2 | 15.8 | 10.7 | 13.3 |
| SR 7200 | 17.0 | 9.3 | 13.2 |
| PICK CB 13-94 | 15.3 | 10.7 | 13.0 |
| PST-A2E | 16.0 | 10.0 | 13.0 |
| CENTURY | 14.8 | 10.8 | 12.8 |
| PENN G-6 | 15.5 | 10.2 | 12.8 |
| SRX 1NJH | 15.7 | 10.0 | 12.8 |
| PENN G-1 | 15.0 | 10.5 | 12.8 |
| SYN 96-1 | 14.8 | 10.7 | 12.8 |
| SYN 96-3 | 14.8 | 10.7 | 12.8 |
| SYN 96-2 | 13.7 | 11.3 | 12.5 |
| BENGAL (BAR AS 8FUS2) | 14.8 | 9.7 | 12.3 |
| BRIGHTON (SRX 1120) | 13.8 | 10.5 | 12.2 |
| BACKSPIN | 13.8 | 10.5 | 12.2 |
| SRX 1BPAA | 14.8 | 9.3 | 12.1 |
| CRENSHAW | 14.0 | 10.0 | 12.0 |
| L-93 | 14.8 | 9.2 | 12.0 |
| PENNLINKS | 15.2 | 8.8 | 12.0 |
| ABT-CRB-1 | 14.2 | 9.7 | 11.9 |
| BAVARIA | 13.3 | 10.5 | 11.9 |
| PROVIDENCE | 14.7 | 9.2 | 11.9 |
| IMPERIAL | 14.8 | 9.0 | 11.9 |
| ISI AP-5 | 14.0 | 9.7 | 11.8 |
| BAR CB 8US3 | 14.3 | 9.3 | 11.8 |
| SR 1119 | 14.8 | 8.8 | 11.8 |
| PENNCROSS | 14.3 | 8.8 | 11.6 |
| LSD VALUE | 2.7 | 2.8 | 1.9 |
| C.V. (%) | 11.3 | 17.0 | 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.

3/ THATCH MEASURED IN 1999 AND 2000.

TABLE 25. GRAY SNOW MOLD RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

GRAY SNOW MOLD RATINGS 1-9; 9=NO DISEASE 2/ 3/

| NAME | MI1 |
|-----------------------|------|
| PENN A-1 | 6.3 |
| ABT-CRB-1 | 6.0 |
| BAVARIA | 6.0 |
| IMPERIAL | 6.0 |
| PENN A-2 | 6.0 |
| PENN A-4 | 6.0 |
| SRX 1BPAA | 6.0 |
| SYN 96-1 | 6.0 |
| BENGAL (BAR AS 8FUS2) | 5.7 |
| SYN 96-2 | 5.7 |
| PENNCROSS | 5.3 |
| PENNLINKS | 5.3 |
| SRX 1NJH | 5.3 |
| BAR CB 8US3 | 5.0 |
| L-93 | 5.0 |
| PENN G-1 | 5.0 |
| SYN 96-3 | 5.0 |
| CRENSHAW | 4.7 |
| PENN G-6 | 4.7 |
| PICK CB 13-94 | 4.7 |
| PROVIDENCE | 4.7 |
| BRIGHTON (SRX 1120) | 4.3 |
| SR 1119 | 4.3 |
| BACKSPIN | 4.0 |
| CENTURY | 4.0 |
| ISI AP-5 | 4.0 |
| PST-A2E | 4.0 |
| SR 7200 | 3.7 |
| VESPER (PICK MVB) | 3.7 |
| LSD VALUE | 2.9 |
| C.V. (%) | 35.8 |

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.

3/ GRAY SNOW MOLD RATED IN 2001 ONLY.

TABLE 26. MICRODOCHIUM PATCH RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

MICRODOCHIUM PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

| NAME | M01 |
|-----------------------|------|
| IMPERIAL | 8.7 |
| L-93 | 8.7 |
| SRX 1NJH | 8.3 |
| BAVARIA | 8.0 |
| PENN A-1 | 8.0 |
| PST-A2E | 8.0 |
| SRX 1BPAA | 8.0 |
| ABT-CRB-1 | 7.7 |
| ISI AP-5 | 7.7 |
| PENN A-4 | 7.7 |
| PICK CB 13-94 | 7.7 |
| SR 1119 | 7.7 |
| SYN 96-1 | 7.7 |
| BACKSPIN | 7.3 |
| BENGAL (BAR AS 8FUS2) | 7.3 |
| BRIGHTON (SRX 1120) | 7.3 |
| CENTURY | 7.3 |
| CRENSHAW | 7.3 |
| PENN G-1 | 7.3 |
| SR 7200 | 7.3 |
| BAR CB 8US3 | 7.0 |
| SYN 96-2 | 7.0 |
| PENNLINKS | 6.7 |
| PENN A-2 | 6.3 |
| PENN G-6 | 6.0 |
| PROVIDENCE | 6.0 |
| PENNCROSS | 4.7 |
| SYN 96-3 | 4.7 |
| VESPER (PICK MVB) | 4.7 |
| LSD VALUE | 2.0 |
| C.V. (%) | 17.6 |

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.

3/ MICRODOCHIUM PATCH RATED IN 1999 ONLY.

TABLE 27. LEAF SPOT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

| NAME | PA1 |
|-----------------------|------|
| BAVARIA | 9.0 |
| ISI AP-5 | 8.0 |
| SRX 1BPAA | 8.0 |
| SR 1119 | 7.7 |
| PENNCROSS | 7.3 |
| BACKSPIN | 7.0 |
| SRX 1NJH | 7.0 |
| SYN 96-3 | 6.7 |
| PENNLINKS | 6.3 |
| BRIGHTON (SRX 1120) | 6.0 |
| L-93 | 6.0 |
| PICK CB 13-94 | 6.0 |
| SYN 96-2 | 6.0 |
| BENGAL (BAR AS 8FUS2) | 5.7 |
| PENN A-4 | 5.7 |
| PENN G-6 | 5.7 |
| SYN 96-1 | 5.3 |
| PENN A-1 | 5.0 |
| PENN A-2 | 5.0 |
| PST-A2E | 4.7 |
| IMPERIAL | 4.3 |
| PENN G-1 | 4.0 |
| PROVIDENCE | 4.0 |
| SR 7200 | 4.0 |
| BAR CB 8US3 | 3.7 |
| CENTURY | 3.7 |
| CRENSHAW | 3.7 |
| VESPER (PICK MVB) | 3.7 |
| ABT-CRB-1 | 2.3 |
| LSD VALUE | 1.8 |
| C.V. (%) | 20.0 |

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.

3/ LEAF SPOT RATED IN 2000 ONLY.

TABLE 28.

DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

| NAME | DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/ 4/ | | | | | | | | | | | | |
|-----------------------|--|------|------|------|------|-----|-----|-----|------|------|------|------|------|
| | IL1 | KS1 | ME1 | M01 | NJ1 | OK1 | PA1 | RI1 | RI2 | TX1 | VA1 | WI1 | MEAN |
| SR 7200 | 8.0 | 5.5 | 8.3 | 7.7 | 8.2 | 8.6 | . | 9.0 | 7.7 | 7.3 | 8.7 | 9.0 | 8.0 |
| PENNCROSS | 3.7 | 6.8 | 6.7 | 7.8 | 8.0 | 8.7 | 7.7 | 9.0 | 6.8 | 7.3 | 8.3 | 8.7 | 7.9 |
| L-93 | 6.7 | 7.5 | 7.2 | 7.8 | 7.7 | 8.9 | 8.0 | 8.0 | 6.0 | 8.0 | 8.0 | 9.0 | 7.9 |
| PST-A2E | 4.0 | 6.2 | 7.8 | 8.0 | 7.8 | 8.8 | 7.7 | 8.5 | 5.7 | 7.3 | 7.3 | 9.0 | 7.7 |
| PENNLINKS | 3.0 | 7.0 | 6.3 | 7.8 | 7.8 | 8.4 | 7.7 | 9.0 | 6.0 | 6.3 | 8.3 | 8.7 | 7.7 |
| PENN A-1 | 5.3 | 6.5 | 7.5 | 7.2 | 7.3 | 8.4 | 8.0 | 8.8 | 6.5 | 7.7 | 7.7 | 8.0 | 7.6 |
| PENN A-2 | 4.3 | 6.8 | 7.0 | 6.8 | 7.8 | 8.6 | 8.0 | 8.8 | 5.8 | 8.0 | 8.7 | 9.0 | 7.6 |
| BAVARIA | 7.3 | 6.3 | 7.2 | 6.7 | 7.2 | 8.6 | . | 8.8 | 8.3 | 6.3 | 8.3 | 9.0 | 7.4 |
| VESPER (PICK MVB) | 7.3 | 5.7 | 8.3 | 6.5 | 7.0 | 8.3 | 8.7 | 9.0 | 6.0 | 6.7 | 8.3 | 8.7 | 7.4 |
| ISI AP-5 | 4.0 | 5.8 | 7.0 | 7.5 | 7.3 | 8.0 | 7.7 | 7.3 | 5.5 | 7.0 | 8.0 | 9.0 | 7.4 |
| PENN G-6 | 4.0 | 6.0 | 7.7 | 7.3 | 6.4 | 8.4 | 7.3 | 7.8 | 4.8 | 7.3 | 8.0 | 8.7 | 7.2 |
| SRX 1BPAA | 3.7 | 6.5 | 8.0 | 7.4 | 6.2 | 8.6 | 7.3 | 8.7 | 3.3 | 7.3 | 8.0 | 9.0 | 7.2 |
| PENN G-1 | 4.7 | 6.8 | 7.0 | 7.7 | 6.1 | 8.4 | 7.7 | 8.8 | 4.7 | 6.3 | 8.0 | 7.3 | 7.1 |
| SRX 1NJH | 4.0 | 6.0 | 7.7 | 7.3 | 7.1 | 8.1 | 7.0 | 7.8 | 2.7 | 7.0 | 8.3 | 9.0 | 7.1 |
| BENGAL (BAR AS 8FUS2) | 4.0 | 6.2 | 8.0 | 7.8 | 5.9 | 7.9 | 7.3 | 6.8 | 3.8 | 7.7 | 6.7 | 9.0 | 7.1 |
| PENN A-4 | 5.0 | 5.5 | 7.2 | 7.4 | 6.7 | 7.9 | 7.0 | 7.7 | 5.0 | 5.7 | 7.3 | 8.7 | 7.1 |
| PICK CB 13-94 | 3.7 | 5.5 | 6.2 | 7.0 | 6.3 | 8.1 | 7.0 | 8.3 | 6.2 | 7.3 | 7.0 | 8.7 | 7.0 |
| ABT-CRB-1 | 3.0 | 5.7 | 7.0 | 7.3 | 5.8 | 7.7 | 6.7 | 7.5 | 4.0 | 8.0 | 6.3 | 7.3 | 6.8 |
| SR 1119 | 3.7 | 5.3 | 6.8 | 7.5 | 5.7 | 8.4 | 5.7 | 8.0 | 3.0 | 6.3 | 7.0 | 7.7 | 6.7 |
| IMPERIAL | 3.3 | 4.3 | 7.3 | 7.2 | 5.0 | 6.7 | 6.7 | 7.3 | 5.8 | 6.0 | 8.0 | 8.3 | 6.5 |
| BRIGHTON (SRX 1120) | 4.7 | 5.7 | 7.2 | 6.9 | 6.1 | 8.0 | 6.3 | 8.3 | 2.7 | 5.7 | 6.7 | 8.0 | 6.5 |
| SYN 96-3 | 3.0 | 3.5 | 7.2 | 7.8 | 4.6 | 6.9 | 6.0 | 6.8 | 4.2 | 5.7 | 7.7 | 8.0 | 6.3 |
| SYN 96-1 | 3.3 | 4.0 | 7.0 | 6.9 | 4.2 | 6.9 | 6.0 | 7.8 | 5.3 | 6.7 | 7.0 | 8.3 | 6.2 |
| PROVIDENCE | 4.7 | 4.5 | 6.7 | 7.3 | 4.8 | 7.4 | 6.7 | 6.7 | 2.5 | 5.0 | 6.0 | 8.0 | 6.2 |
| BACKSPIN | 3.3 | 4.5 | 7.0 | 5.8 | 4.3 | 7.7 | 6.0 | 6.7 | 4.0 | 6.3 | 6.3 | 7.0 | 5.9 |
| BAR CB 8US3 | 3.7 | 3.5 | 6.0 | 6.7 | 4.6 | 6.8 | 7.0 | 5.5 | 3.3 | 5.3 | 6.0 | 8.0 | 5.7 |
| SYN 96-2 | 3.3 | 3.2 | 7.7 | 6.9 | 3.7 | 4.4 | 5.7 | 8.0 | 5.7 | 4.3 | 6.7 | 5.7 | 5.6 |
| CENTURY | 3.3 | 4.0 | 7.2 | 6.9 | 3.9 | 5.0 | 5.3 | 6.2 | 2.5 | 5.0 | 7.7 | 6.0 | 5.4 |
| CRENSHAW | 2.3 | 3.5 | 7.3 | 6.7 | 4.2 | 5.0 | 4.0 | 5.5 | 2.3 | 3.7 | 7.3 | 6.7 | 5.2 |
| LSD VALUE | 1.1 | 1.2 | 1.9 | 2.1 | 2.1 | 1.1 | 1.1 | 1.2 | 1.4 | 1.6 | 2.3 | 2.1 | 0.8 |
| C.V. (%) | 16.4 | 15.0 | 16.9 | 18.5 | 22.8 | 8.6 | 9.8 | 9.5 | 17.7 | 15.4 | 18.7 | 16.3 | 16.3 |

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.

3/ DOLLAR SPOT RATED AT "IL1", "VA1" & "WI1" IN 2000, AT "PA1" & "TX1" IN 2002, AT "KS1", "RI1" & "RI2" IN 1999-2000, AT "ME1" IN 2000-2001, AT "M01" IN 1999-2002, AT "NJ1" IN 2000-2002, AND AT "OK1" IN 1999, 2000 & 2002.

4/ DOLLAR SPOT CAUSED BY SCLEROTINIA HOMOEOCARPA AT "NJ1" IN 2000-02, AT "PA1" & "TX1" IN 2002, AND AT "KS1", "OK1", "VA1" & "WI1" IN 2000.

TABLE 29. BROWN PATCH (WARM TEMPERATURE) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

| NAME | BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/ 4/ | | | | | | | |
|-----------------------|--|------|------|------|------|------|------|------|
| | KS1 | MI1 | NJ1 | PA1 | VA1 | WI1 | WI2 | MEAN |
| VESPER (PICK MVB) | 8.0 | 5.2 | 8.5 | 8.7 | 6.0 | 9.0 | 9.0 | 7.8 |
| SR 7200 | 8.7 | 3.7 | 8.2 | 8.7 | 8.0 | 9.0 | 9.0 | 7.8 |
| SYN 96-3 | 8.3 | 8.2 | 6.3 | 8.1 | 6.3 | 7.0 | 5.3 | 7.3 |
| BAVARIA | 7.3 | 5.8 | 6.5 | 9.0 | 7.3 | 7.7 | 7.7 | 7.2 |
| SYN 96-2 | 8.0 | 7.7 | 6.5 | 8.0 | 6.7 | 5.7 | 5.7 | 7.2 |
| SRX 1NJH | 7.0 | 7.2 | 5.8 | 8.3 | 6.0 | 7.0 | 6.7 | 7.1 |
| PICK CB 13-94 | 7.7 | 7.0 | 6.0 | 8.1 | 5.3 | 6.3 | 6.7 | 7.0 |
| SYN 96-1 | 7.7 | 7.3 | 5.3 | 8.1 | 5.0 | 7.3 | 6.0 | 6.9 |
| PENN G-6 | 7.3 | 7.3 | 5.5 | 7.2 | 5.7 | 7.3 | 8.0 | 6.9 |
| ABT-CRB-1 | 6.7 | 7.5 | 5.5 | 8.1 | 5.3 | 6.3 | 6.0 | 6.8 |
| SRX 1BPAA | 7.0 | 6.0 | 5.0 | 7.9 | 4.7 | 7.3 | 7.7 | 6.7 |
| SR 1119 | 6.7 | 6.5 | 4.8 | 7.7 | 4.3 | 8.3 | 8.0 | 6.7 |
| BRIGHTON (SRX 1120) | 8.0 | 7.7 | 4.0 | 7.1 | 4.7 | 8.0 | 6.0 | 6.5 |
| L-93 | 8.0 | 5.8 | 5.0 | 7.0 | 5.3 | 7.7 | 7.7 | 6.4 |
| PENNLINKS | 7.7 | 7.2 | 4.3 | 7.6 | 3.7 | 5.7 | 7.3 | 6.4 |
| PENN G-1 | 7.7 | 5.0 | 4.7 | 7.1 | 5.0 | 8.0 | 8.0 | 6.3 |
| CRENSHAW | 7.7 | 5.5 | 4.7 | 7.4 | 6.3 | 6.0 | 6.3 | 6.3 |
| PENNCROSS | 8.3 | 6.2 | 4.5 | 7.6 | 5.0 | 5.3 | 5.7 | 6.3 |
| CENTURY | 7.3 | 6.3 | 4.8 | 7.6 | 4.3 | 7.0 | 4.3 | 6.2 |
| PENN A-2 | 7.3 | 5.7 | 3.8 | 7.8 | 5.7 | 6.3 | 6.7 | 6.2 |
| BENGAL (BAR AS 8FUS2) | 7.0 | 5.8 | 4.5 | 6.9 | 6.0 | 8.0 | 5.3 | 6.1 |
| PST-A2E | 8.0 | 4.0 | 4.8 | 7.7 | 4.7 | 5.7 | 6.3 | 6.0 |
| BACKSPIN | 8.0 | 4.7 | 4.7 | 7.3 | 5.3 | 5.0 | 5.7 | 5.9 |
| BAR CB 8US3 | 7.0 | 4.7 | 4.7 | 7.2 | 6.3 | 5.0 | 5.3 | 5.8 |
| IMPERIAL | 5.7 | 5.3 | 4.5 | 7.4 | 3.7 | 5.3 | 4.7 | 5.7 |
| PENN A-1 | 8.0 | 4.7 | 3.5 | 7.6 | 5.0 | 6.0 | 5.3 | 5.7 |
| PROVIDENCE | 8.0 | 4.7 | 3.2 | 6.6 | 5.0 | 7.0 | 7.0 | 5.6 |
| ISI AP-5 | 8.0 | 4.3 | 4.8 | 7.0 | 4.3 | 4.7 | 4.7 | 5.6 |
| PENN A-4 | 8.0 | 4.7 | 4.8 | 6.6 | 4.3 | 4.7 | 5.0 | 5.6 |
| LSD VALUE | 1.6 | 2.4 | 1.8 | 1.3 | 1.9 | 3.3 | 3.0 | 1.2 |
| C.V. (%) | 13.4 | 26.9 | 21.4 | 10.8 | 22.1 | 30.5 | 28.8 | 19.6 |

- 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.
- 3/ BROWN PATCH RATED AT "KS1" IN 1999, AT "MI1" IN 2001-02, AT "NJ1" IN 1999-2000, AT "PA1" IN 1999-2000 & 2002, AT "VA1" IN 2002, AND AT "WI1" & "WI2" IN 2001.
- 4/ BROWN PATCH CAUSED BY RHIZOCTONIA SOLANI AT "PA1" IN 2002, AND "MI1" IN 2001.

TABLE 30. BROWN PATCH (COOL TEMPERATURE) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

| NAME | OK1 | PA1 | WA4 | MEAN |
|-----------------------|-----|-----|------|------|
| BAVARIA | 9.0 | 9.0 | 9.0 | 9.0 |
| ISI AP-5 | 9.0 | 9.0 | 9.0 | 9.0 |
| PENN A-1 | 9.0 | 9.0 | 9.0 | 9.0 |
| SR 7200 | 9.0 | 9.0 | 9.0 | 9.0 |
| SYN 96-1 | 9.0 | 9.0 | 9.0 | 9.0 |
| VESPER (PICK MVB) | 9.0 | 9.0 | 8.7 | 8.9 |
| BENGAL (BAR AS 8FUS2) | 9.0 | 8.3 | 9.0 | 8.8 |
| PICK CB 13-94 | 9.0 | 8.3 | 9.0 | 8.8 |
| SR 1119 | 9.0 | 9.0 | 8.3 | 8.8 |
| SRX 1NJH | 9.0 | 9.0 | 8.3 | 8.8 |
| BRIGHTON (SRX 1120) | 8.7 | 9.0 | 9.0 | 8.8 |
| PENNCROSS | 9.0 | 8.3 | 8.7 | 8.8 |
| PENNLINKS | 9.0 | 8.3 | 8.7 | 8.8 |
| BACKSPIN | 8.3 | 9.0 | 9.0 | 8.7 |
| PENN G-6 | 9.0 | 8.3 | 8.3 | 8.7 |
| PST-A2E | 9.0 | 9.0 | 7.7 | 8.7 |
| L-93 | 9.0 | 8.7 | 8.0 | 8.7 |
| SRX 1BPAA | 8.7 | 8.7 | 8.7 | 8.7 |
| CRENSHAW | 9.0 | 8.0 | 8.3 | 8.6 |
| PENN A-2 | 9.0 | 8.0 | 8.3 | 8.6 |
| ABT-CRB-1 | 9.0 | 8.7 | 7.7 | 8.6 |
| PROVIDENCE | 9.0 | 8.7 | 7.7 | 8.6 |
| SYN 96-2 | 9.0 | 7.7 | 8.7 | 8.6 |
| CENTURY | 8.7 | 9.0 | 7.7 | 8.5 |
| PENN G-1 | 8.3 | 9.0 | 8.3 | 8.5 |
| SYN 96-3 | 9.0 | 6.7 | 9.0 | 8.4 |
| BAR CB 8US3 | 9.0 | 8.3 | 7.0 | 8.3 |
| IMPERIAL | 7.7 | 9.0 | 8.7 | 8.3 |
| PENN A-4 | 8.0 | 9.0 | 8.0 | 8.3 |
| LSD VALUE | 0.9 | 1.0 | 1.4 | 0.9 |
| C.V. (%) | 6.3 | 7.1 | 10.1 | 7.5 |

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

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

3/ BROWN PATCH RATED AT "OK1" IN 2001, AND AT "PA1" & "WA4" IN 1999.

TABLE 31. PYTHIUM BLIGHT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

PYTHIUM BLIGHT RATINGS 1-9; 9=NO DISEASE 2/ 3/

| NAME | ME1 | MO1 | NC1 | MEAN |
|-----------------------|------|------|-----|------|
| BAR CB 8US3 | 9.0 | 6.2 | 9.0 | 7.9 |
| PENNCROSS | 8.7 | 6.5 | 9.0 | 7.8 |
| PENNLINKS | 9.0 | 6.5 | 8.3 | 7.7 |
| CRENSHAW | 9.0 | 5.5 | 9.0 | 7.4 |
| SR 1119 | 9.0 | 5.8 | 8.7 | 7.4 |
| PENN A-1 | 9.0 | 5.7 | 8.7 | 7.3 |
| PICK CB 13-94 | 8.0 | 5.7 | 8.7 | 7.2 |
| SYN 96-1 | 8.3 | 5.7 | 9.0 | 7.2 |
| BRIGHTON (SRX 1120) | 9.0 | 5.2 | 8.7 | 7.1 |
| PENN A-4 | 9.0 | 5.0 | 9.0 | 6.9 |
| SYN 96-2 | 8.0 | 5.2 | 9.0 | 6.9 |
| PENN G-1 | 9.0 | 4.7 | 9.0 | 6.8 |
| ABT-CRB-1 | 8.0 | 4.7 | 9.0 | 6.7 |
| CENTURY | 8.3 | 4.5 | 9.0 | 6.7 |
| PENN A-2 | 6.3 | 5.2 | 9.0 | 6.7 |
| SRX 1BPAA | 7.7 | 5.0 | 8.7 | 6.7 |
| PROVIDENCE | 8.0 | 4.5 | 9.0 | 6.6 |
| BENGAL (BAR AS 8FUS2) | 7.7 | 4.3 | 9.0 | 6.5 |
| IMPERIAL | 8.7 | 4.5 | 9.0 | 6.5 |
| PENN G-6 | 7.0 | 4.7 | 9.0 | 6.5 |
| SRX 1NJH | 6.7 | 4.7 | 9.0 | 6.5 |
| BACKSPIN | 8.7 | 4.0 | 8.7 | 6.4 |
| ISI AP-5 | 9.0 | 4.2 | 9.0 | 6.3 |
| L-93 | 8.3 | 3.3 | 9.0 | 6.2 |
| SYN 96-3 | 6.0 | 4.2 | 9.0 | 6.0 |
| BAVARIA | 9.0 | 5.0 | 5.7 | 5.9 |
| VESPER (PICK MVB) | 9.0 | 3.7 | 7.7 | 5.9 |
| SR 7200 | 9.0 | 3.7 | 7.0 | 5.8 |
| PST-A2E | 6.7 | 2.7 | 9.0 | 5.2 |
| LSD VALUE | 2.9 | 2.4 | 1.4 | 2.1 |
| C.V. (%) | 21.6 | 30.4 | 9.8 | 23.8 |

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.

3/ PYTHIUM BLIGHT RATED AT "ME1" IN 2002, AT "MO1" IN 2001-02, AND AT "NC1" IN 1999.

TABLE 32. PINK SNOW MOLD RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

PINK SNOW MOLD RATINGS 1-9; 9=NO DISEASE 2/ 3/ 4/

| NAME | ME1 | NJ1 | UT1 | MEAN |
|-----------------------|------|------|------|------|
| PICK CB 13-94 | 8.2 | 6.3 | 4.7 | 7.0 |
| PENNCROSS | 8.0 | 6.3 | 3.3 | 6.7 |
| BAR CB 8US3 | 7.5 | 6.3 | 4.3 | 6.7 |
| SR 1119 | 7.7 | 7.0 | 3.7 | 6.7 |
| SYN 96-2 | 7.8 | 5.0 | 4.7 | 6.5 |
| BACKSPIN | 7.8 | 5.3 | 4.0 | 6.4 |
| CRENSHAW | 7.7 | 5.7 | 4.0 | 6.4 |
| BENGAL (BAR AS 8FUS2) | 7.3 | 6.0 | 4.0 | 6.3 |
| SYN 96-1 | 6.8 | 5.7 | 4.7 | 6.3 |
| SR 7200 | 8.5 | 3.7 | 4.7 | 6.2 |
| SRX 1BPAA | 7.2 | 6.3 | 4.3 | 6.2 |
| PROVIDENCE | 7.5 | 5.7 | 3.3 | 6.1 |
| BRIGHTON (SRX 1120) | 6.8 | 6.0 | 3.7 | 6.1 |
| PENN A-2 | 6.8 | 6.3 | 4.7 | 6.1 |
| L-93 | 7.3 | 5.7 | 4.0 | 6.0 |
| PENNLINKS | 6.5 | 7.0 | 3.0 | 6.0 |
| PENN A-4 | 6.5 | 6.3 | 4.3 | 5.9 |
| ISI AP-5 | 6.7 | 6.0 | 4.0 | 5.9 |
| CENTURY | 7.5 | 4.3 | 4.0 | 5.8 |
| PENN G-1 | 6.8 | 5.7 | 3.0 | 5.8 |
| IMPERIAL | 7.2 | 5.0 | 3.3 | 5.7 |
| SRX 1NJH | 6.2 | 6.0 | 4.0 | 5.6 |
| SYN 96-3 | 6.3 | 5.3 | 3.0 | 5.4 |
| ABT-CRB-1 | 6.7 | 4.0 | 4.0 | 5.3 |
| PENN G-6 | 5.0 | 6.7 | 5.0 | 5.3 |
| BAVARIA | 7.3 | 3.0 | 4.0 | 5.2 |
| PENN A-1 | 5.5 | 6.0 | 3.0 | 5.2 |
| VESPER (PICK MVB) | 7.5 | 3.0 | 4.0 | 5.2 |
| PST-A2E | 5.5 | 3.7 | 4.0 | 4.3 |
| LSD VALUE | 2.4 | 1.8 | 1.6 | 2.0 |
| C.V. (%) | 21.1 | 20.5 | 25.9 | 22.1 |

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.

3/ PINK SNOW MOLD RATED AT "ME1" IN 2001-02, AT "NJ1" IN 1999, AND AT "UT1" IN 2001.

4/ PINK SNOW MOLD CAUSED BY MICRODOCHIUM NIVALE AT "ME1" IN 2002.

TABLE 33. CUTWORM RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

CUTWORM RATINGS 1-9; 9=NO DAMAGE 2/ 3/

| NAME | ME1 |
|-----------------------|------|
| PENN A-1 | 9.0 |
| SR 7200 | 9.0 |
| BAVARIA | 8.7 |
| VESPER (PICK MVB) | 8.7 |
| PENNLINKS | 8.3 |
| PENN G-6 | 8.0 |
| PENNCROSS | 8.0 |
| SRX 1BPAA | 8.0 |
| SYN 96-3 | 8.0 |
| ABT-CRB-1 | 7.7 |
| PENN G-1 | 7.7 |
| SRX 1NJH | 7.7 |
| BENGAL (BAR AS 8FUS2) | 7.3 |
| PENN A-4 | 7.3 |
| ISI AP-5 | 7.0 |
| L-93 | 7.0 |
| PROVIDENCE | 7.0 |
| SR 1119 | 7.0 |
| BACKSPIN | 6.7 |
| CENTURY | 6.7 |
| SYN 96-2 | 6.7 |
| PENN A-2 | 6.3 |
| IMPERIAL | 6.0 |
| BRIGHTON (SRX 1120) | 5.7 |
| SYN 96-1 | 5.7 |
| CRENSHAW | 5.3 |
| BAR CB 8US3 | 5.0 |
| PICK CB 13-94 | 5.0 |
| PST-A2E | 5.0 |
| LSD VALUE | 2.8 |
| C.V. (%) | 24.6 |

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.

3/ CUTWORM RATED IN 2002 ONLY.

TABLE 34. FALL COLOR (SEPTEMBER) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

| NAME | AZ1 |
|-----------------------|------|
| L-93 | 6.9 |
| PENN A-2 | 6.8 |
| ISI AP-5 | 6.8 |
| PENN A-4 | 6.8 |
| CRENSHAW | 6.7 |
| PICK CB 13-94 | 6.7 |
| SRX 1BPAA | 6.6 |
| BAR CB 8US3 | 6.6 |
| PENN G-1 | 6.3 |
| PROVIDENCE | 6.3 |
| PST-A2E | 6.3 |
| SR 1119 | 6.3 |
| SRX 1NJH | 6.1 |
| SYN 96-2 | 6.1 |
| IMPERIAL | 6.0 |
| PENN A-1 | 6.0 |
| BAVARIA | 5.9 |
| ABT-CRB-1 | 5.8 |
| BENGAL (BAR AS 8FUS2) | 5.8 |
| PENN G-6 | 5.8 |
| PENNCROSS | 5.8 |
| SYN 96-1 | 5.4 |
| SR 7200 | 5.3 |
| BACKSPIN | 5.2 |
| BRIGHTON (SRX 1120) | 5.2 |
| PENNLINKS | 5.2 |
| VESPER (PICK MVB) | 4.9 |
| CENTURY | 4.8 |
| SYN 96-3 | 4.7 |
| LSD VALUE | 1.4 |
| C.V. (%) | 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.

3/ FALL COLOR (SEPTEMBER) RATED IN 2000-02.

TABLE 35. FALL COLOR (OCTOBER) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

| NAME | AL1 | AZ1 | MEAN |
|-----------------------|------|------|------|
| SRX 1BPAA | 7.7 | 6.9 | 7.2 |
| SYN 96-2 | 7.0 | 6.9 | 7.1 |
| BAR CB 8US3 | 6.7 | 6.7 | 7.0 |
| PENN A-2 | 6.7 | 6.8 | 6.9 |
| SRX 1NJH | 7.7 | 6.4 | 6.8 |
| ISI AP-5 | 6.3 | 6.7 | 6.8 |
| PENN G-1 | 6.3 | 6.4 | 6.6 |
| SR 1119 | 7.0 | 6.2 | 6.6 |
| PENN A-4 | 6.7 | 6.1 | 6.4 |
| PICK CB 13-94 | 6.0 | 6.2 | 6.4 |
| CRENSHAW | 6.3 | 6.2 | 6.4 |
| L-93 | 7.0 | 6.0 | 6.3 |
| BRIGHTON (SRX 1120) | 6.7 | 5.9 | 6.2 |
| PROVIDENCE | 6.3 | 6.0 | 6.2 |
| PST-A2E | 5.3 | 6.2 | 6.2 |
| SR 7200 | 4.0 | 6.3 | 6.2 |
| BAVARIA | 3.3 | 6.4 | 6.1 |
| PENNCROSS | 5.7 | 5.9 | 6.1 |
| SYN 96-3 | 6.0 | 5.9 | 6.1 |
| ABT-CRB-1 | 5.0 | 6.0 | 6.0 |
| IMPERIAL | 5.7 | 5.9 | 6.0 |
| PENN G-6 | 6.0 | 5.9 | 6.0 |
| VESPER (PICK MVB) | 5.0 | 6.0 | 6.0 |
| BACKSPIN | 5.3 | 5.8 | 5.9 |
| PENN A-1 | 5.0 | 5.8 | 5.9 |
| BENGAL (BAR AS 8FUS2) | 6.0 | 5.2 | 5.6 |
| PENNLINKS | 5.0 | 5.4 | 5.6 |
| CENTURY | 5.7 | 5.3 | 5.4 |
| SYN 96-1 | 5.3 | 5.1 | 5.3 |
| LSD VALUE | 1.3 | 1.4 | 1.2 |
| C.V. (%) | 13.5 | 14.2 | 13.6 |

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.

3/ FALL COLOR (OCTOBER) RATED AT "AL1" IN 2000, AND AT "AZ1" IN 2000-02.

TABLE 36. FALL COLOR (NOVEMBER) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

| NAME | AZ1 | TX1 | MEAN |
|-----------------------|------|-----|------|
| PENN A-2 | 7.1 | 7.7 | 7.2 |
| SRX 1BPAA | 7.0 | 7.7 | 7.1 |
| ABT-CRB-1 | 6.6 | 8.0 | 6.8 |
| BAR CB 8US3 | 6.9 | 6.7 | 6.8 |
| ISI AP-5 | 6.6 | 8.0 | 6.8 |
| PST-A2E | 6.6 | 7.7 | 6.8 |
| PENN A-4 | 6.6 | 7.0 | 6.7 |
| PENN G-1 | 6.6 | 7.0 | 6.7 |
| PICK CB 13-94 | 6.6 | 7.7 | 6.7 |
| SYN 96-2 | 6.6 | 7.0 | 6.6 |
| CRENSHAW | 6.6 | 6.3 | 6.6 |
| SRX 1NJH | 6.3 | 7.7 | 6.6 |
| PENN G-6 | 6.3 | 7.3 | 6.5 |
| SR 1119 | 6.2 | 7.3 | 6.4 |
| SYN 96-1 | 6.1 | 7.3 | 6.3 |
| BENGAL (BAR AS 8FUS2) | 5.9 | 7.3 | 6.2 |
| BAVARIA | 6.0 | 7.0 | 6.2 |
| L-93 | 5.8 | 8.0 | 6.2 |
| SYN 96-3 | 6.0 | 7.0 | 6.2 |
| PENNCROSS | 5.8 | 7.0 | 6.0 |
| SR 7200 | 6.0 | 7.0 | 6.0 |
| VESPER (PICK MVB) | 5.9 | 7.0 | 6.0 |
| IMPERIAL | 5.8 | 6.7 | 5.9 |
| BACKSPIN | 5.8 | 6.7 | 5.9 |
| PENN A-1 | 5.6 | 7.0 | 5.9 |
| PROVIDENCE | 5.9 | 6.0 | 5.8 |
| PENNLINKS | 5.7 | 6.7 | 5.8 |
| BRIGHTON (SRX 1120) | 5.6 | 7.3 | 5.8 |
| CENTURY | 5.7 | 6.3 | 5.8 |
| LSD VALUE | 1.4 | 0.8 | 1.2 |
| C.V. (%) | 13.5 | 6.5 | 12.5 |

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.

3/ FALL COLOR (NOVEMBER) RATED AT "AZ1" IN 2000-02, AND AT "TX1" IN 2001.

TABLE 37. FALL COLOR (DECEMBER) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

| NAME | AZ1 |
|-----------------------|------|
| SYN 96-2 | 7.3 |
| PENN A-2 | 7.2 |
| PENN A-4 | 7.2 |
| SRX 1BPAA | 7.0 |
| BAR CB 8US3 | 6.8 |
| PENN G-1 | 6.8 |
| SYN 96-1 | 6.8 |
| PICK CB 13-94 | 6.7 |
| SR 1119 | 6.7 |
| ISI AP-5 | 6.7 |
| ABT-CRB-1 | 6.5 |
| PENN A-1 | 6.5 |
| SRX 1NJH | 6.5 |
| BENGAL (BAR AS 8FUS2) | 6.3 |
| PST-A2E | 6.3 |
| PENN G-6 | 6.3 |
| VESPER (PICK MVB) | 6.3 |
| CRENSHAW | 6.2 |
| SYN 96-3 | 6.2 |
| BRIGHTON (SRX 1120) | 6.0 |
| PROVIDENCE | 6.0 |
| BACKSPIN | 5.8 |
| BAVARIA | 5.8 |
| PENNLINKS | 5.8 |
| SR 7200 | 5.8 |
| L-93 | 5.8 |
| IMPERIAL | 5.5 |
| CENTURY | 5.3 |
| PENNCROSS | 5.3 |
| LSD VALUE | 1.3 |
| C.V. (%) | 12.8 |

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.

3/ FALL COLOR (DECEMBER) RATED IN 2000-02.

TABLE 38. POA ANNUA RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

POA ANNUA RATINGS 1-9; 9=NONE 2/ 3/

| NAME | WI1 | WI2 | MEAN |
|-----------------------|------|------|------|
| SYN 96-2 | 8.3 | 8.3 | 8.3 |
| L-93 | 8.0 | 8.0 | 8.0 |
| PENN A-4 | 8.0 | 8.0 | 8.0 |
| PENN G-1 | 8.0 | 8.0 | 8.0 |
| ISI AP-5 | 7.7 | 7.7 | 7.7 |
| PENN A-1 | 7.7 | 7.7 | 7.7 |
| PENN A-2 | 7.7 | 7.7 | 7.7 |
| PENN G-6 | 7.7 | 7.7 | 7.7 |
| SYN 96-1 | 7.7 | 7.7 | 7.7 |
| SYN 96-3 | 7.7 | 7.7 | 7.7 |
| ABT-CRB-1 | 7.3 | 7.3 | 7.3 |
| BENGAL (BAR AS 8FUS2) | 7.3 | 7.3 | 7.3 |
| BRIGHTON (SRX 1120) | 7.3 | 7.3 | 7.3 |
| CRENSHAW | 7.3 | 7.3 | 7.3 |
| IMPERIAL | 7.3 | 7.3 | 7.3 |
| PICK CB 13-94 | 7.3 | 7.3 | 7.3 |
| BAR CB 8US3 | 7.0 | 7.0 | 7.0 |
| CENTURY | 7.0 | 7.0 | 7.0 |
| PROVIDENCE | 7.0 | 7.0 | 7.0 |
| PST-A2E | 7.0 | 7.0 | 7.0 |
| SR 1119 | 7.0 | 7.0 | 7.0 |
| SRX 1BPAA | 7.0 | 7.0 | 7.0 |
| PENNCROSS | 6.7 | 6.7 | 6.7 |
| PENNLINKS | 6.3 | 6.3 | 6.3 |
| SRX 1NJH | 6.3 | 6.3 | 6.3 |
| VESPER (PICK MVB) | 6.3 | 6.3 | 6.3 |
| BACKSPIN | 6.0 | 6.0 | 6.0 |
| SR 7200 | 5.7 | 5.7 | 5.7 |
| BAVARIA | 4.3 | 4.3 | 4.3 |
| LSD VALUE | 1.5 | 1.5 | 1.0 |
| C.V. (%) | 12.9 | 12.9 | 12.9 |

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

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

3/ POA ANNUA RATED IN 2002 ONLY.

TABLE 39. MOWING QUALITY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

MOWING QUALITY RATINGS 1-9; 9=CLEANEST CUT 2/ 3/

| NAME | ME1 |
|-----------------------|------|
| SRX 1NJH | 7.3 |
| PST-A2E | 7.0 |
| ABT-CRB-1 | 6.7 |
| BENGAL (BAR AS 8FUS2) | 6.7 |
| BAR CB 8US3 | 6.3 |
| CRENSHAW | 6.3 |
| PENN A-2 | 6.3 |
| SR 7200 | 6.3 |
| SYN 96-2 | 6.3 |
| SYN 96-3 | 6.3 |
| PROVIDENCE | 6.0 |
| SYN 96-1 | 6.0 |
| IMPERIAL | 5.7 |
| PENN A-1 | 5.7 |
| PENN A-4 | 5.7 |
| PENN G-1 | 5.7 |
| VESPER (PICK MVB) | 5.7 |
| BRIGHTON (SRX 1120) | 5.3 |
| CENTURY | 5.3 |
| L-93 | 5.3 |
| PICK CB 13-94 | 5.3 |
| SRX 1BPAA | 5.3 |
| BACKSPIN | 5.0 |
| ISI AP-5 | 5.0 |
| SR 1119 | 5.0 |
| PENN G-6 | 4.7 |
| PENNCROSS | 4.7 |
| PENNLINKS | 4.3 |
| BAVARIA | 3.0 |
| LSD VALUE | 1.2 |
| C.V. (%) | 12.8 |

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.

3/ MOWING RATED IN 1999 ONLY.

TABLE 40. SCALPING RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

| NAME | SCALPING RATINGS 1-9; 9=NONE 2/ 3/ | | |
|-----------------------|------------------------------------|------|------|
| | AL1 | TX1 | MEAN |
| VESPER (PICK MVB) | 9.0 | 7.0 | 8.0 |
| BAVARIA | 9.0 | 6.0 | 7.5 |
| SR 1119 | 8.7 | 6.3 | 7.5 |
| SR 7200 | 8.3 | 6.7 | 7.5 |
| PENN A-4 | 9.0 | 5.7 | 7.3 |
| BAR CB 8US3 | 8.7 | 6.0 | 7.3 |
| ISI AP-5 | 9.0 | 5.3 | 7.2 |
| L-93 | 8.7 | 5.7 | 7.2 |
| PENNCROSS | 9.0 | 5.3 | 7.2 |
| PENNLINKS | 9.0 | 5.3 | 7.2 |
| PICK CB 13-94 | 8.7 | 5.7 | 7.2 |
| PENN G-1 | 9.0 | 5.0 | 7.0 |
| BENGAL (BAR AS 8FUS2) | 8.0 | 5.7 | 6.8 |
| BACKSPIN | 8.7 | 5.0 | 6.8 |
| BRIGHTON (SRX 1120) | 8.0 | 5.3 | 6.7 |
| CRENSHAW | 8.7 | 4.7 | 6.7 |
| IMPERIAL | 8.0 | 5.3 | 6.7 |
| PENN G-6 | 8.0 | 5.3 | 6.7 |
| PROVIDENCE | 7.7 | 5.3 | 6.5 |
| PST-A2E | 8.7 | 4.3 | 6.5 |
| SYN 96-1 | 5.7 | 7.0 | 6.3 |
| PENN A-1 | 7.7 | 4.7 | 6.2 |
| PENN A-2 | 7.3 | 5.0 | 6.2 |
| SRX 1BPAA | 7.0 | 5.3 | 6.2 |
| CENTURY | 6.0 | 6.0 | 6.0 |
| SRX 1NJH | 7.3 | 4.7 | 6.0 |
| SYN 96-2 | 5.0 | 6.3 | 5.7 |
| SYN 96-3 | 4.7 | 4.7 | 4.7 |
| ABT-CRB-1 | 4.3 | 4.7 | 4.5 |
| LSD VALUE | 1.9 | 1.9 | 1.9 |
| C.V. (%) | 15.0 | 21.9 | 18.5 |

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.

3/ SCALPING RATED AT "AL1" IN 1999, AND AT "TX1" IN 2000.

TABLE 41. MOSS INVASION RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

MOSS INVASION RATINGS 1-9; 9=NO MOSS 2/ 3/

| NAME | UT1 |
|-----------------------|------|
| PENN A-1 | 8.7 |
| PENN A-2 | 7.7 |
| PICK CB 13-94 | 7.7 |
| PROVIDENCE | 7.3 |
| PST-A2E | 7.3 |
| IMPERIAL | 7.0 |
| PENN A-4 | 7.0 |
| PENN G-6 | 7.0 |
| SYN 96-1 | 7.0 |
| SYN 96-3 | 7.0 |
| BAR CB 8US3 | 6.7 |
| BRIGHTON (SRX 1120) | 6.7 |
| CENTURY | 6.7 |
| ISI AP-5 | 6.7 |
| PENNLINKS | 6.7 |
| BACKSPIN | 6.3 |
| SRX 1NJH | 6.3 |
| SYN 96-2 | 6.3 |
| ABT-CRB-1 | 6.0 |
| PENN G-1 | 6.0 |
| SRX 1BPAA | 6.0 |
| L-93 | 5.7 |
| SR 1119 | 5.7 |
| BENGAL (BAR AS 8FUS2) | 5.0 |
| VESPER (PICK MVB) | 5.0 |
| CRENSHAW | 4.7 |
| BAVARIA | 4.3 |
| PENNCROSS | 4.0 |
| SR 7200 | 3.3 |
| LSD VALUE | 3.7 |
| C.V. (%) | 36.7 |

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.

3/ MOSS INVASION RATED IN 2001 ONLY.

TABLE 42. PERCENT ESTABLISHMENT RATINGS OF BENTGRASS CULTIVARS 1/
GROWN ON A GREEN 2/
1998-2002 DATA

| NAME | IA1 | IL1 | MA1 | NC1 | VA1 | WI1 | MEAN |
|-----------------------|------|------|------|------|------|------|------|
| PENN A-2 | 75.0 | 90.0 | 66.7 | 88.3 | 63.3 | 81.7 | 77.5 |
| L-93 | 73.3 | 73.3 | 68.3 | 81.7 | 70.0 | 81.7 | 74.7 |
| PENN A-4 | 78.3 | 65.0 | 76.7 | 88.3 | 53.3 | 81.7 | 73.9 |
| BACKSPIN | 81.7 | 76.7 | 63.3 | 91.0 | 43.3 | 86.7 | 73.8 |
| PENNCROSS | 75.0 | 75.0 | 63.3 | 86.7 | 63.3 | 78.3 | 73.6 |
| PENNLINKS | 75.0 | 85.0 | 65.0 | 82.3 | 60.0 | 71.7 | 73.2 |
| PENN A-1 | 71.7 | 70.0 | 58.3 | 83.3 | 63.3 | 81.7 | 71.4 |
| CRENSHAW | 66.7 | 75.0 | 56.7 | 78.3 | 70.0 | 78.3 | 70.8 |
| SYN 96-1 | 68.3 | 68.3 | 56.7 | 90.0 | 60.0 | 80.0 | 70.6 |
| PENN G-6 | 66.7 | 73.3 | 63.3 | 83.3 | 60.0 | 75.0 | 70.3 |
| PICK CB 13-94 | 70.0 | 68.3 | 51.7 | 81.7 | 60.0 | 81.0 | 68.8 |
| PENN G-1 | 71.7 | 68.3 | 65.0 | 90.7 | 46.7 | 70.0 | 68.7 |
| SR 1119 | 73.3 | 83.3 | 46.7 | 81.7 | 50.0 | 76.7 | 68.6 |
| PROVIDENCE | 76.7 | 58.3 | 60.0 | 83.3 | 53.3 | 75.0 | 67.8 |
| SYN 96-2 | 73.3 | 71.7 | 46.7 | 83.3 | 56.7 | 74.3 | 67.7 |
| ISI AP-5 | 75.0 | 60.0 | 53.3 | 81.7 | 53.3 | 80.0 | 67.2 |
| CENTURY | 68.3 | 78.3 | 65.0 | 78.3 | 36.7 | 76.0 | 67.1 |
| IMPERIAL | 76.7 | 81.7 | 51.7 | 68.3 | 40.0 | 78.3 | 66.1 |
| BENGAL (BAR AS 8FUS2) | 71.7 | 61.7 | 56.7 | 83.3 | 40.0 | 75.0 | 64.7 |
| SYN 96-3 | 65.0 | 70.0 | 46.7 | 81.7 | 46.7 | 78.3 | 64.7 |
| ABT-CRB-1 | 71.7 | 50.0 | 50.0 | 78.3 | 53.3 | 83.3 | 64.4 |
| SRX 1BPAA | 70.0 | 63.3 | 41.7 | 75.0 | 63.3 | 68.3 | 63.6 |
| SR 7200 | 71.7 | 60.0 | 51.7 | 85.0 | 40.0 | 71.7 | 63.3 |
| BAR CB 8US3 | 68.3 | 55.0 | 46.7 | 75.0 | 53.3 | 68.3 | 61.1 |
| SRX 1NJH | 68.3 | 61.7 | 38.3 | 58.3 | 56.7 | 81.7 | 60.8 |
| BAVARIA | 70.0 | 45.0 | 46.7 | 73.3 | 46.7 | 80.0 | 60.3 |
| BRIGHTON (SRX 1120) | 68.3 | 70.0 | 43.3 | 71.7 | 36.7 | 66.7 | 59.4 |
| VESPER (PICK MVB) | 68.3 | 38.3 | 41.7 | 83.3 | 40.0 | 71.7 | 57.2 |
| PST-A2E | 66.7 | 46.7 | 41.7 | 73.3 | 36.7 | 55.0 | 53.3 |
| LSD VALUE | 12.3 | 25.8 | 17.2 | 17.7 | 25.9 | 19.3 | 8.3 |
| C.V. (%) | 10.7 | 24.0 | 19.6 | 13.6 | 30.7 | 15.8 | 18.8 |

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 43. ESTABLISHMENT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN AT MEAD, NE 1/
1998-2002 DATA

ESTABLISHMENT RATINGS 1-9; 9=BEST 2/

| NAME | JULY | AUGUST | MEAN |
|-----------------------|------|--------|------|
| BENGAL (BAR AS 8FUS2) | 9.0 | 9.0 | 9.0 |
| BAR CB 8US3 | 8.7 | 8.7 | 8.7 |
| PENN A-2 | 8.7 | 8.7 | 8.7 |
| PENN G-1 | 8.7 | 8.7 | 8.7 |
| SR 1119 | 8.7 | 8.7 | 8.7 |
| SYN 96-1 | 8.7 | 8.7 | 8.7 |
| ABT-CRB-1 | 8.7 | 8.0 | 8.3 |
| CRENSHAW | 8.3 | 8.3 | 8.3 |
| IMPERIAL | 8.3 | 8.3 | 8.3 |
| PENN A-4 | 8.3 | 8.3 | 8.3 |
| PICK CB 13-94 | 8.3 | 8.3 | 8.3 |
| SRX 1BPAA | 8.3 | 8.3 | 8.3 |
| SYN 96-2 | 8.3 | 8.3 | 8.3 |
| SYN 96-3 | 8.3 | 8.3 | 8.3 |
| BACKSPIN | 8.3 | 7.7 | 8.0 |
| CENTURY | 8.0 | 8.0 | 8.0 |
| L-93 | 8.0 | 8.0 | 8.0 |
| PENN A-1 | 8.0 | 8.0 | 8.0 |
| PENN G-6 | 8.0 | 8.0 | 8.0 |
| PST-A2E | 8.0 | 8.0 | 8.0 |
| BRIGHTON (SRX 1120) | 8.0 | 8.0 | 8.0 |
| PENNCROSS | 7.7 | 7.7 | 7.7 |
| PROVIDENCE | 7.7 | 7.7 | 7.7 |
| ISI AP-5 | 7.3 | 7.3 | 7.3 |
| PENNLINKS | 7.3 | 7.3 | 7.3 |
| SRX 1NJH | 7.3 | 7.3 | 7.3 |
| VESPER (PICK MVB) | 6.7 | 6.7 | 6.7 |
| SR 7200 | 6.0 | 6.0 | 6.0 |
| BAVARIA | 5.7 | 5.7 | 5.7 |
| LSD VALUE | 1.3 | 1.4 | 1.3 |
| C.V. (%) | 9.4 | 9.7 | 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 44. PERCENT ESTABLISHMENT RATINGS OF BENTGRASS CULTIVARS 1/
GROWN ON A GREEN AT CLEMSON, SC 2/
1998-2002 DATA

| NAME | OCTOBER | NOVEMBER | MEAN |
|-----------------------|---------|----------|------|
| PENN A-4 | 56.7 | 91.0 | 73.8 |
| L-93 | 55.0 | 85.0 | 70.0 |
| PENNCROSS | 51.7 | 87.7 | 69.7 |
| CRENSHAW | 50.0 | 86.7 | 68.3 |
| PENNLINKS | 46.7 | 86.0 | 66.3 |
| PROVIDENCE | 50.0 | 82.3 | 66.2 |
| SYN 96-3 | 45.0 | 86.7 | 65.8 |
| PENN A-1 | 46.7 | 81.7 | 64.2 |
| SYN 96-2 | 48.3 | 80.0 | 64.2 |
| IMPERIAL | 41.7 | 85.0 | 63.3 |
| SR 1119 | 45.0 | 80.0 | 62.5 |
| ABT-CRB-1 | 40.0 | 82.3 | 61.2 |
| PENN A-2 | 38.3 | 84.0 | 61.2 |
| SYN 96-1 | 43.3 | 78.3 | 60.8 |
| CENTURY | 40.0 | 78.3 | 59.2 |
| PENN G-1 | 36.7 | 81.0 | 58.8 |
| ISI AP-5 | 38.3 | 79.0 | 58.7 |
| BACKSPIN | 40.0 | 76.7 | 58.3 |
| BRIGHTON (SRX 1120) | 40.0 | 76.7 | 58.3 |
| BAVARIA | 40.0 | 75.0 | 57.5 |
| SRX 1BPAA | 38.3 | 74.3 | 56.3 |
| BENGAL (BAR AS 8FUS2) | 33.3 | 77.0 | 55.2 |
| BAR CB 8US3 | 35.0 | 75.0 | 55.0 |
| PICK CB 13-94 | 31.7 | 76.7 | 54.2 |
| PENN G-6 | 31.7 | 76.0 | 53.8 |
| SRX 1NJH | 31.7 | 70.0 | 50.8 |
| SR 7200 | 28.3 | 68.3 | 48.3 |
| VESPER (PICK MVB) | 25.0 | 70.0 | 47.5 |
| PST-A2E | 28.3 | 65.0 | 46.7 |
| LSD VALUE | 18.1 | 17.1 | 14.3 |
| C.V. (%) | 22.5 | 9.8 | 12.5 |

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 45. ESTABLISHMENT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN AT LOGAN, UT 1/
1998-2002 DATA

ESTABLISHMENT RATINGS 1-9; 9=BEST 2/

| NAME | OCT.98 | MAY 99 | MEAN |
|-----------------------|--------|--------|------|
| PENN G-1 | 4.0 | 6.0 | 5.0 |
| PENN G-6 | 4.3 | 5.3 | 4.8 |
| PENNLINKS | 4.3 | 5.3 | 4.8 |
| BACKSPIN | 4.0 | 5.3 | 4.7 |
| CRENSHAW | 4.0 | 5.3 | 4.7 |
| IMPERIAL | 4.0 | 5.3 | 4.7 |
| L-93 | 4.0 | 5.3 | 4.7 |
| PICK CB 13-94 | 3.7 | 5.3 | 4.5 |
| PROVIDENCE | 4.0 | 5.0 | 4.5 |
| PENN A-1 | 3.7 | 5.0 | 4.3 |
| PENNCROSS | 3.3 | 5.3 | 4.3 |
| BRIGHTON (SRX 1120) | 3.7 | 5.0 | 4.3 |
| SRX 1BPAA | 3.7 | 5.0 | 4.3 |
| SYN 96-1 | 3.3 | 5.3 | 4.3 |
| SYN 96-3 | 3.7 | 5.0 | 4.3 |
| PENN A-2 | 3.3 | 5.0 | 4.2 |
| ABT-CRB-1 | 3.3 | 4.7 | 4.0 |
| BAR CB 8US3 | 3.3 | 4.7 | 4.0 |
| PST-A2E | 3.3 | 4.7 | 4.0 |
| SR 1119 | 3.3 | 4.7 | 4.0 |
| BENGAL (BAR AS 8FUS2) | 3.3 | 4.3 | 3.8 |
| ISI AP-5 | 3.0 | 4.7 | 3.8 |
| PENN A-4 | 3.3 | 4.3 | 3.8 |
| SYN 96-2 | 2.7 | 5.0 | 3.8 |
| SR 7200 | 2.7 | 4.7 | 3.7 |
| SRX 1NJH | 3.3 | 4.0 | 3.7 |
| VESPER (PICK MVB) | 2.3 | 4.7 | 3.5 |
| CENTURY | 3.0 | 3.7 | 3.3 |
| BAVARIA | 2.0 | 4.0 | 3.0 |
| | | | |
| LSD VALUE | 2.0 | 3.0 | 2.1 |
| C.V. (%) | 22.7 | 18.4 | 17.8 |

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

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

TABLE 46. GROW-IN RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN AT AUBURN, AL 1/
1998-2002 DATA

GROW-IN RATINGS 1-9; 1=NO GROW-IN, 5=50% 9=90% GROW-IN 2/

| NAME | DEC. 98 | JAN. 99 | FEB. 99 | MEAN |
|-----------------------|---------|---------|---------|------|
| ISI AP-5 | 5.3 | 8.3 | 9.0 | 7.6 |
| SR 7200 | 5.3 | 8.3 | 9.0 | 7.6 |
| SRX 1BPAA | 5.0 | 8.7 | 8.7 | 7.4 |
| BACKSPIN | 5.3 | 7.7 | 9.0 | 7.3 |
| PICK CB 13-94 | 5.0 | 8.3 | 8.7 | 7.3 |
| PENN A-4 | 5.3 | 7.7 | 8.7 | 7.2 |
| CENTURY | 5.3 | 7.3 | 8.7 | 7.1 |
| L-93 | 4.3 | 8.3 | 8.7 | 7.1 |
| BRIGHTON (SRX 1120) | 4.0 | 8.3 | 9.0 | 7.1 |
| SRX 1NJH | 4.0 | 8.7 | 8.7 | 7.1 |
| SYN 96-1 | 5.3 | 7.7 | 8.3 | 7.1 |
| BAVARIA | 4.7 | 7.7 | 8.7 | 7.0 |
| PENNLINKS | 4.3 | 8.0 | 8.7 | 7.0 |
| PENNCROSS | 4.3 | 7.7 | 8.7 | 6.9 |
| VESPER (PICK MVB) | 4.7 | 7.0 | 9.0 | 6.9 |
| PST-A2E | 3.3 | 8.3 | 9.0 | 6.9 |
| CRENSHAW | 4.7 | 7.7 | 8.0 | 6.8 |
| IMPERIAL | 5.3 | 7.3 | 7.7 | 6.8 |
| PENN A-1 | 4.7 | 7.3 | 8.0 | 6.7 |
| PROVIDENCE | 4.7 | 7.3 | 8.0 | 6.7 |
| SR 1119 | 4.7 | 7.7 | 7.7 | 6.7 |
| BENGAL (BAR AS 8FUS2) | 3.3 | 7.7 | 8.7 | 6.6 |
| PENN A-2 | 4.3 | 7.3 | 8.0 | 6.6 |
| SYN 96-3 | 4.3 | 7.0 | 8.3 | 6.6 |
| SYN 96-2 | 4.0 | 7.0 | 8.3 | 6.4 |
| BAR CB 8US3 | 3.7 | 7.0 | 8.3 | 6.3 |
| PENN G-6 | 4.3 | 6.7 | 7.7 | 6.2 |
| ABT-CRB-1 | 4.0 | 7.0 | 7.3 | 6.1 |
| PENN G-1 | 3.7 | 6.0 | 7.7 | 5.8 |
| LSD VALUE | 1.6 | 2.8 | 1.5 | 1.4 |
| C.V. (%) | 16.4 | 12.8 | 7.6 | 8.6 |

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 47. THATCH RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

THATCH RATINGS 1-9; 9=NONE 2/ 3/

| NAME | TX1 |
|-----------------------|------|
| SYN 96-1 | 6.7 |
| SYN 96-2 | 6.0 |
| BACKSPIN | 5.7 |
| SYN 96-3 | 5.7 |
| VESPER (PICK MVB) | 5.7 |
| L-93 | 5.3 |
| ABT-CRB-1 | 5.0 |
| BAVARIA | 5.0 |
| PENN G-6 | 5.0 |
| PICK CB 13-94 | 5.0 |
| PST-A2E | 5.0 |
| ISI AP-5 | 4.7 |
| PENN A-1 | 4.7 |
| PENN A-2 | 4.7 |
| SR 1119 | 4.7 |
| SR 7200 | 4.7 |
| BENGAL (BAR AS 8FUS2) | 4.3 |
| CENTURY | 4.3 |
| CRENSHAW | 4.3 |
| PENN G-1 | 4.3 |
| BRIGHTON (SRX 1120) | 4.0 |
| IMPERIAL | 4.0 |
| PENN A-4 | 4.0 |
| PROVIDENCE | 4.0 |
| BAR CB 8US3 | 3.7 |
| PENNCROSS | 3.3 |
| SRX 1BPAA | 3.3 |
| SRX 1NJH | 3.3 |
| PENNLINKS | 3.0 |
| LSD VALUE | 2.1 |
| C.V. (%) | 28.3 |

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.

3/ THATCH RATED IN 2000 ONLY.

TABLE 48. ROOT KNOT NEMATODE RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

ROOT KNOT NEMATODE RATINGS 1-9; 9=NONE 2/ 3/

| NAME | M01 |
|-----------------------|------|
| SR 7200 | 8.3 |
| BAVARIA | 8.0 |
| L-93 | 8.0 |
| BAR CB 8US3 | 7.7 |
| PENN G-1 | 7.3 |
| PENNCROSS | 7.3 |
| PENNLINKS | 7.3 |
| BRIGHTON (SRX 1120) | 7.0 |
| PENN A-2 | 7.0 |
| SR 1119 | 7.0 |
| BACKSPIN | 6.3 |
| CRENSHAW | 6.3 |
| PENN G-6 | 6.3 |
| PICK CB 13-94 | 6.3 |
| PST-A2E | 6.3 |
| VESPER (PICK MVB) | 6.3 |
| PENN A-1 | 6.0 |
| SRX 1BPAA | 6.0 |
| ISI AP-5 | 5.7 |
| SRX 1NJH | 5.3 |
| SYN 96-1 | 5.3 |
| BENGAL (BAR AS 8FUS2) | 5.0 |
| IMPERIAL | 5.0 |
| CENTURY | 4.7 |
| PENN A-4 | 4.7 |
| PROVIDENCE | 4.7 |
| SYN 96-3 | 4.3 |
| SYN 96-2 | 4.0 |
| ABT-CRB-1 | 3.3 |
| LSD VALUE | 2.1 |
| C.V. (%) | 21.6 |

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.

3/ ROOT KNOT NEMATODE RATED IN 2000 ONLY.

TABLE 49. SNOW MOLD RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

SNOW MOLD RATINGS 1-9; 9=NO DISEASE 2/ 3/

| NAME | WI2 |
|-----------------------|------|
| VESPER (PICK MVB) | 8.7 |
| BAVARIA | 7.3 |
| L-93 | 7.3 |
| PENN A-2 | 7.0 |
| PROVIDENCE | 7.0 |
| SR 7200 | 7.0 |
| BRIGHTON (SRX 1120) | 6.7 |
| PENN G-1 | 6.7 |
| PICK CB 13-94 | 6.7 |
| SRX 1BPAA | 6.7 |
| SYN 96-1 | 6.7 |
| SYN 96-2 | 6.7 |
| CENTURY | 6.3 |
| CRENSHAW | 6.3 |
| ISI AP-5 | 6.3 |
| SR 1119 | 6.3 |
| IMPERIAL | 6.0 |
| PENN G-6 | 6.0 |
| PENNLINKS | 6.0 |
| SRX 1NJH | 6.0 |
| SYN 96-3 | 6.0 |
| BENGAL (BAR AS 8FUS2) | 5.7 |
| PENNCROSS | 5.7 |
| PST-A2E | 5.7 |
| ABT-CRB-1 | 5.3 |
| BACKSPIN | 5.0 |
| PENN A-1 | 4.7 |
| BAR CB 8US3 | 4.3 |
| PENN A-4 | 4.3 |
| LSD VALUE | 3.8 |
| C.V. (%) | 38.2 |

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.

3/ SNOW MOLD RATED IN 2001 ONLY.

TABLE 50. PATCH DISEASE RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

PATCH DISEASE RATINGS 1-9; 9=NO DISEASE 2/ 3/

| NAME | NE1 |
|-----------------------|-----|
| BAVARIA | 9.0 |
| L-93 | 9.0 |
| PENN A-1 | 9.0 |
| PENNCROSS | 9.0 |
| PST-A2E | 9.0 |
| SR 7200 | 9.0 |
| SRX 1BPAA | 9.0 |
| PENN A-2 | 8.7 |
| PENNLINKS | 8.7 |
| BRIGHTON (SRX 1120) | 8.3 |
| PENN G-1 | 8.3 |
| PICK CB 13-94 | 8.3 |
| ABT-CRB-1 | 8.0 |
| SR 1119 | 8.0 |
| SRX 1NJH | 8.0 |
| VESPER (PICK MVB) | 8.0 |
| ISI AP-5 | 7.7 |
| PENN G-6 | 7.7 |
| BENGAL (BAR AS 8FUS2) | 7.3 |
| SYN 96-3 | 7.3 |
| SYN 96-1 | 7.0 |
| IMPERIAL | 6.3 |
| PENN A-4 | 6.3 |
| PROVIDENCE | 6.3 |
| SYN 96-2 | 6.0 |
| BACKSPIN | 5.7 |
| BAR CB 8US3 | 5.7 |
| CENTURY | 4.3 |
| CRENSHAW | 4.0 |
| LSD VALUE | 1.2 |
| C.V. (%) | 9.8 |

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

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

3/ PATCH DISEASE RATED IN 2001 ONLY.

TABLE 51. PERCENT DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/ 2/ 3/
1999-2002 DATA

| NAME | AL1 | KY1 | NY1 | MEAN |
|-----------------------|-------|------|------|------|
| CENTURY | 20.3 | 15.7 | 15.3 | 16.8 |
| IMPERIAL | 2.3 | 15.7 | 12.0 | 11.4 |
| CRENSHAW | 5.3 | 16.3 | 6.7 | 11.2 |
| BAR CB 8US3 | 7.3 | 13.3 | 10.0 | 11.0 |
| PENN A-4 | 23.3 | 6.0 | 5.3 | 10.2 |
| ISI AP-5 | 13.3 | 10.3 | 6.0 | 10.0 |
| PICK CB 13-94 | 5.3 | 11.0 | 10.3 | 9.4 |
| BAVARIA | 1.7 | 10.3 | 11.0 | 8.3 |
| BACKSPIN | 3.7 | 10.0 | 7.3 | 7.8 |
| PENNCROSS | 7.3 | 8.3 | 6.3 | 7.6 |
| SYN 96-1 | 5.0 | 10.0 | 5.3 | 7.6 |
| ABT-CRB-1 | 3.7 | 6.3 | 13.3 | 7.4 |
| VESPER (PICK MVB) | 4.0 | 5.3 | 13.0 | 6.9 |
| SYN 96-2 | 2.3 | 10.0 | 4.7 | 6.8 |
| PENN A-2 | 7.3 | 6.3 | 6.7 | 6.7 |
| SRX 1NJH | 10.3 | 5.0 | 6.0 | 6.6 |
| SR 7200 | 0.3 | 5.7 | 13.7 | 6.3 |
| SR 1119 | 3.7 | 8.7 | 3.7 | 6.2 |
| L-93 | 7.3 | 1.3 | 12.3 | 5.6 |
| SYN 96-3 | 2.3 | 6.3 | 4.3 | 4.8 |
| PENN A-1 | 7.0 | 1.3 | 9.3 | 4.8 |
| PST-A2E | 8.7 | 2.3 | 5.7 | 4.8 |
| BRIGHTON (SRX 1120) | 7.0 | 4.7 | 2.3 | 4.7 |
| PENNLINKS | 3.7 | 5.7 | 2.7 | 4.4 |
| BENGAL (BAR AS 8FUS2) | 0.7 | 5.7 | 5.3 | 4.3 |
| PENN G-1 | 1.0 | 3.7 | 6.7 | 3.8 |
| PENN G-6 | 3.7 | 2.3 | 5.3 | 3.4 |
| SRX 1BPAA | 4.0 | 2.0 | 5.7 | 3.4 |
| PROVIDENCE | 0.7 | 3.0 | 5.3 | 3.0 |
| LSD VALUE | 13.7 | 8.0 | 10.2 | 8.3 |
| C.V. (%) | 142.7 | 68.1 | 82.8 | 89.2 |

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.

3/ PERCENT DOLLAR SPOT RATED AT "AL1" & "NY1" IN 2000, AND AT "KY1" IN 2002.

TABLE 52. DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
AT AUBURN, AL 1/
1999-2002 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

| NAME | JANUARY | MARCH | MEAN |
|-----------------------|---------|-------|------|
| BAVARIA | 9.0 | 8.7 | 8.8 |
| SR 7200 | 8.7 | 9.0 | 8.8 |
| PENNCROSS | 8.7 | 8.0 | 8.3 |
| PENNLINKS | 8.7 | 8.0 | 8.3 |
| PENN A-1 | 8.7 | 7.7 | 8.2 |
| PENN A-2 | 8.7 | 7.7 | 8.2 |
| SR 1119 | 8.7 | 7.3 | 8.0 |
| VESPER (PICK MVB) | 8.7 | 7.3 | 8.0 |
| ABT-CRB-1 | 8.3 | 7.3 | 7.8 |
| PICK CB 13-94 | 8.3 | 7.3 | 7.8 |
| PST-A2E | 8.0 | 7.7 | 7.8 |
| SRX 1BPAA | 8.7 | 7.0 | 7.8 |
| L-93 | 8.3 | 6.7 | 7.5 |
| PENN G-1 | 8.3 | 6.7 | 7.5 |
| PENN G-6 | 8.7 | 6.3 | 7.5 |
| SRX 1NJH | 8.3 | 6.7 | 7.5 |
| BRIGHTON (SRX 1120) | 7.7 | 7.0 | 7.3 |
| BENGAL (BAR AS 8FUS2) | 8.3 | 6.0 | 7.2 |
| PROVIDENCE | 8.3 | 6.0 | 7.2 |
| SYN 96-2 | 8.3 | 6.0 | 7.2 |
| IMPERIAL | 8.0 | 6.0 | 7.0 |
| SYN 96-1 | 8.3 | 5.7 | 7.0 |
| BAR CB 8US3 | 8.3 | 5.3 | 6.8 |
| CRENSHAW | 8.0 | 5.7 | 6.8 |
| ISI AP-5 | 8.0 | 5.7 | 6.8 |
| SYN 96-3 | 8.7 | 5.0 | 6.8 |
| BACKSPIN | 8.0 | 5.3 | 6.7 |
| CENTURY | 8.0 | 5.3 | 6.7 |
| PENN A-4 | 7.7 | 4.7 | 6.2 |
| LSD VALUE | 1.0 | 2.9 | 1.7 |
| C.V. (%) | 5.2 | 20.6 | 10.9 |

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

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

3/ DOLLAR SPOT RATED IN 2001 ONLY.

TABLE 53. DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN AT E. LANSING, MI 1/
1999-2002 DATA

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

| NAME | JUNE 00 | JULY 00 | JULY 02 | SEPT 02 | MEAN |
|-----------------------|---------|---------|---------|---------|------|
| PENN A-1 | 1.0 | 6.7 | 8.0 | 7.7 | 5.8 |
| PENN A-2 | 1.3 | 6.7 | 7.0 | 7.7 | 5.7 |
| PENN G-1 | 1.0 | 6.0 | 8.0 | 7.3 | 5.6 |
| PST-A2E | 1.0 | 6.0 | 8.0 | 7.3 | 5.6 |
| L-93 | 1.3 | 6.0 | 6.7 | 7.3 | 5.3 |
| SRX 1NJH | 1.7 | 6.0 | 7.7 | 6.0 | 5.3 |
| PENN A-4 | 1.3 | 6.0 | 6.3 | 6.7 | 5.1 |
| PENNCROSS | 2.7 | 5.3 | 6.0 | 5.7 | 4.9 |
| PENNLINKS | 1.3 | 5.7 | 7.0 | 5.7 | 4.9 |
| PICK CB 13-94 | 2.0 | 5.7 | 6.7 | 5.3 | 4.9 |
| PENN G-6 | 1.7 | 6.3 | 5.3 | 6.0 | 4.8 |
| SR 7200 | 1.3 | 6.3 | 4.7 | 6.0 | 4.6 |
| SYN 96-3 | 1.7 | 4.7 | 8.0 | 4.0 | 4.6 |
| VESPER (PICK MVB) | 1.3 | 6.0 | 4.7 | 6.0 | 4.5 |
| ABT-CRB-1 | 1.3 | 6.0 | 5.7 | 4.7 | 4.4 |
| BENGAL (BAR AS 8FUS2) | 2.0 | 5.3 | 3.7 | 6.0 | 4.3 |
| IMPERIAL | 1.7 | 5.0 | 5.0 | 5.0 | 4.2 |
| ISI AP-5 | 1.7 | 5.3 | 4.7 | 4.7 | 4.1 |
| SR 1119 | 1.3 | 5.0 | 4.7 | 4.7 | 3.9 |
| BAR CB 8US3 | 1.7 | 4.7 | 5.3 | 3.3 | 3.8 |
| BRIGHTON (SRX 1120) | 1.7 | 6.0 | 3.7 | 4.0 | 3.8 |
| SRX 1BPAA | 1.7 | 5.7 | 3.7 | 4.0 | 3.8 |
| SYN 96-1 | 2.0 | 5.0 | 4.0 | 4.0 | 3.8 |
| SYN 96-2 | 2.0 | 4.7 | 4.3 | 4.0 | 3.8 |
| BACKSPIN | 1.7 | 4.3 | 4.7 | 3.3 | 3.5 |
| PROVIDENCE | 1.7 | 4.3 | 3.0 | 3.3 | 3.1 |
| BAVARIA | 1.3 | 4.0 | 3.0 | 3.7 | 3.0 |
| CENTURY | 2.0 | 4.3 | 3.0 | 2.3 | 2.9 |
| CRENSHAW | 2.0 | 4.0 | 3.3 | 2.0 | 2.8 |
| LSD VALUE | 2.9 | 1.2 | 5.1 | 1.8 | 2.4 |
| C.V. (%) | 48.2 | 13.0 | 41.0 | 22.3 | 35.6 |

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 54. DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN AT NORTH BRUNSWICK, NJ 1/
1999-2002 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/
PREVENTATIVE FUNGICIDE USE

| NAME | SEPT 00 | OCT 00 | MEAN |
|-----------------------|---------|--------|------|
| L-93 | 9.0 | 9.0 | 9.0 |
| SR 7200 | 9.0 | 9.0 | 9.0 |
| VESPER (PICK MVB) | 9.0 | 9.0 | 9.0 |
| BAVARIA | 9.0 | 8.7 | 8.8 |
| PENN A-1 | 9.0 | 8.3 | 8.7 |
| PENN A-2 | 9.0 | 8.3 | 8.7 |
| PENN A-4 | 9.0 | 8.3 | 8.7 |
| PENN G-1 | 9.0 | 8.3 | 8.7 |
| PENNCROSS | 9.0 | 8.3 | 8.7 |
| PICK CB 13-94 | 9.0 | 8.3 | 8.7 |
| PST-A2E | 9.0 | 8.3 | 8.7 |
| PENN G-6 | 9.0 | 8.0 | 8.5 |
| PENNLINKS | 9.0 | 8.0 | 8.5 |
| SR 1119 | 9.0 | 7.7 | 8.3 |
| BENGAL (BAR AS 8FUS2) | 9.0 | 7.3 | 8.2 |
| ISI AP-5 | 9.0 | 7.3 | 8.2 |
| PROVIDENCE | 9.0 | 7.3 | 8.2 |
| SRX 1BPAA | 9.0 | 7.3 | 8.2 |
| SRX 1NJH | 8.7 | 7.7 | 8.2 |
| BAR CB 8US3 | 9.0 | 7.0 | 8.0 |
| BRIGHTON (SRX 1120) | 9.0 | 7.0 | 8.0 |
| IMPERIAL | 9.0 | 7.0 | 8.0 |
| ABT-CRB-1 | 9.0 | 6.7 | 7.8 |
| SYN 96-1 | 9.0 | 5.3 | 7.2 |
| SYN 96-3 | 9.0 | 5.3 | 7.2 |
| BACKSPIN | 9.0 | 5.0 | 7.0 |
| SYN 96-2 | 9.0 | 5.0 | 7.0 |
| CENTURY | 9.0 | 4.3 | 6.7 |
| CRENSHAW | 9.0 | 4.0 | 6.5 |
| LSD VALUE | 0.3 | 1.3 | 0.7 |
| C.V. (%) | 1.2 | 11.5 | 5.3 |

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.

3/ DOLLAR SPOT CAUSED BY SCLEROTINIA HOMOEOCARPA.

TABLE 55. DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN AT NORTH BRUNSWICK, NJ 1/
1999-2002 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/
REDUCED FUNGICIDE USE

| NAME | SEP 00 | OCT 00 | 2001 | MEAN |
|-----------------------|--------|--------|------|------|
| BAVARIA | 9.0 | 8.3 | 8.3 | 8.5 |
| SR 7200 | 8.7 | 8.7 | 8.0 | 8.3 |
| L-93 | 8.0 | 7.3 | 8.0 | 7.8 |
| VESPER (PICK MVB) | 9.0 | 9.0 | 6.7 | 7.8 |
| ISI AP-5 | 8.7 | 7.0 | 7.3 | 7.6 |
| PENN A-1 | 8.7 | 7.0 | 7.3 | 7.6 |
| PENNCROSS | 8.3 | 6.7 | 7.3 | 7.4 |
| PENN A-2 | 8.7 | 5.3 | 7.7 | 7.3 |
| PICK CB 13-94 | 9.0 | 7.3 | 6.3 | 7.3 |
| PST-A2E | 8.3 | 5.3 | 7.7 | 7.3 |
| PENNLINKS | 7.7 | 6.0 | 7.3 | 7.1 |
| PENN G-6 | 7.3 | 6.0 | 6.7 | 6.7 |
| PENN A-4 | 8.0 | 5.0 | 6.7 | 6.6 |
| ABT-CRB-1 | 8.0 | 4.7 | 6.7 | 6.5 |
| SRX 1NJH | 7.7 | 5.3 | 6.0 | 6.3 |
| SRX 1BPAA | 6.3 | 5.3 | 5.7 | 5.8 |
| BAR CB 8US3 | 7.7 | 4.0 | 5.3 | 5.6 |
| PROVIDENCE | 7.7 | 4.0 | 5.3 | 5.6 |
| BENGAL (BAR AS 8FUS2) | 6.7 | 3.7 | 5.3 | 5.3 |
| BRIGHTON (SRX 1120) | 6.3 | 4.3 | 5.3 | 5.3 |
| IMPERIAL | 6.3 | 3.7 | 5.7 | 5.3 |
| SR 1119 | 7.0 | 4.0 | 5.0 | 5.3 |
| BACKSPIN | 6.3 | 3.0 | 5.0 | 4.8 |
| PENN G-1 | 5.3 | 3.7 | 5.0 | 4.8 |
| SYN 96-1 | 5.0 | 2.0 | 4.7 | 4.1 |
| SYN 96-2 | 5.0 | 2.0 | 4.3 | 3.9 |
| SYN 96-3 | 3.7 | 2.0 | 4.7 | 3.8 |
| CENTURY | 4.7 | 2.3 | 3.3 | 3.4 |
| CRENSHAW | 3.7 | 1.7 | 4.0 | 3.3 |
| LSD VALUE | 2.6 | 2.1 | 1.7 | 1.2 |
| C.V. (%) | 20.7 | 26.7 | 17.4 | 19.1 |

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.

3/ DOLLAR SPOT CAUSED BY SCLEROTINIA HOMOEOCARPA.

TABLE 56. DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
AT STILLWATER, OK 1/
1999-2002 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

| NAME | APRIL | MAY | MEAN |
|-----------------------|-------|------|------|
| L-93 | 8.3 | 8.0 | 8.2 |
| PENN A-2 | 8.0 | 8.0 | 8.0 |
| ABT-CRB-1 | 8.3 | 7.3 | 7.8 |
| PENN A-1 | 8.0 | 7.7 | 7.8 |
| PENN G-1 | 8.0 | 7.7 | 7.8 |
| PENNLINKS | 8.0 | 7.7 | 7.8 |
| SRX 1NJH | 8.0 | 7.7 | 7.8 |
| PST-A2E | 7.7 | 7.7 | 7.7 |
| PENN G-6 | 7.7 | 7.0 | 7.3 |
| PENNCROSS | 7.7 | 7.0 | 7.3 |
| SRX 1BPAA | 7.3 | 7.3 | 7.3 |
| PICK CB 13-94 | 6.7 | 7.3 | 7.0 |
| SR 7200 | 6.7 | 7.3 | 7.0 |
| PENN A-4 | 7.0 | 6.7 | 6.8 |
| BENGAL (BAR AS 8FUS2) | 7.0 | 6.3 | 6.7 |
| ISI AP-5 | 6.7 | 6.7 | 6.7 |
| SR 1119 | 6.7 | 6.7 | 6.7 |
| BAVARIA | 7.0 | 6.0 | 6.5 |
| BRIGHTON (SRX 1120) | 6.7 | 6.3 | 6.5 |
| VESPER (PICK MVB) | 6.3 | 6.7 | 6.5 |
| PROVIDENCE | 5.7 | 6.0 | 5.8 |
| SYN 96-3 | 5.0 | 5.3 | 5.2 |
| BACKSPIN | 5.0 | 4.7 | 4.8 |
| SYN 96-1 | 4.3 | 5.0 | 4.7 |
| BAR CB 8US3 | 4.7 | 3.7 | 4.2 |
| IMPERIAL | 4.0 | 4.0 | 4.0 |
| SYN 96-2 | 3.3 | 2.3 | 2.8 |
| CENTURY | 3.3 | 2.0 | 2.7 |
| CRENSHAW | 3.0 | 2.0 | 2.5 |
| LSD VALUE | 1.1 | 1.4 | 1.1 |
| C.V. (%) | 11.0 | 15.1 | 11.5 |

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

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

3/ DOLLAR SPOT RATED IN 2001 ONLY.

TABLE 57. DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN AT UNIVERSITY PARK, PA 1/
1999-2002 DATA

| NAME | DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/ 4/ | | |
|-----------------------|--|--------|------|
| | MAY | AUGUST | MEAN |
| SR 7200 | 9.0 | 9.0 | 9.0 |
| BAVARIA | 9.0 | 8.7 | 8.8 |
| L-93 | 9.0 | 8.7 | 8.8 |
| PST-A2E | 9.0 | 8.7 | 8.8 |
| PENN A-2 | 8.7 | 8.7 | 8.7 |
| VESPER (PICK MVB) | 9.0 | 8.3 | 8.7 |
| SRX 1BPAA | 8.3 | 8.3 | 8.3 |
| ISI AP-5 | 8.3 | 8.0 | 8.2 |
| PENN A-1 | 8.0 | 8.3 | 8.2 |
| PENNCROSS | 8.3 | 8.0 | 8.2 |
| BENGAL (BAR AS 8FUS2) | 8.0 | 8.0 | 8.0 |
| PENN G-1 | 8.0 | 8.0 | 8.0 |
| SR 1119 | 8.3 | 7.7 | 8.0 |
| SRX 1NJH | 8.0 | 8.0 | 8.0 |
| BRIGHTON (SRX 1120) | 7.7 | 8.0 | 7.8 |
| PENNLINKS | 7.7 | 8.0 | 7.8 |
| PICK CB 13-94 | 7.7 | 8.0 | 7.8 |
| ABT-CRB-1 | 7.7 | 7.3 | 7.5 |
| PENN G-6 | 7.0 | 8.0 | 7.5 |
| PENN A-4 | 6.7 | 8.0 | 7.3 |
| BAR CB 8US3 | 6.7 | 7.7 | 7.2 |
| IMPERIAL | 6.7 | 7.7 | 7.2 |
| SYN 96-1 | 6.7 | 7.7 | 7.2 |
| SYN 96-3 | 7.3 | 6.7 | 7.0 |
| BACKSPIN | 6.7 | 7.0 | 6.8 |
| CENTURY | 6.7 | 7.0 | 6.8 |
| PROVIDENCE | 6.3 | 7.0 | 6.7 |
| SYN 96-2 | 6.3 | 6.3 | 6.3 |
| CRENSHAW | 3.7 | 5.0 | 4.3 |
| LSD VALUE | 1.0 | 1.2 | 0.9 |
| C.V. (%) | 8.6 | 9.0 | 7.4 |

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

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

3/ DOLLAR SPOT RATED IN 2000 ONLY.

4/ DOLLAR SPOT CAUSED BY SCLEROTINIA HOMEOCARPA.

TABLE 58. DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
AT DALLAS, TX 1/
1999-2002 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

| NAME | SEPTEMBER | NOVEMBER | MEAN |
|-----------------------|-----------|----------|------|
| L-93 | 8.0 | 8.0 | 8.0 |
| PENN A-2 | 8.0 | 8.0 | 8.0 |
| ABT-CRB-1 | 8.0 | 7.3 | 7.7 |
| BENGAL (BAR AS 8FUS2) | 8.0 | 7.3 | 7.7 |
| PENN A-1 | 8.0 | 7.3 | 7.7 |
| PENN G-6 | 8.0 | 7.3 | 7.7 |
| PST-A2E | 8.0 | 7.3 | 7.7 |
| VESPER (PICK MVB) | 8.0 | 7.3 | 7.7 |
| PENNCROSS | 8.0 | 7.0 | 7.5 |
| SRX 1BPAA | 7.3 | 7.3 | 7.3 |
| ISI AP-5 | 7.7 | 6.7 | 7.2 |
| PICK CB 13-94 | 7.3 | 7.0 | 7.2 |
| SR 7200 | 7.7 | 6.7 | 7.2 |
| SRX 1NJH | 7.7 | 6.7 | 7.2 |
| PENNLINKS | 7.7 | 6.3 | 7.0 |
| SR 1119 | 7.7 | 6.3 | 7.0 |
| BRIGHTON (SRX 1120) | 7.3 | 6.3 | 6.8 |
| SYN 96-1 | 7.3 | 6.3 | 6.8 |
| IMPERIAL | 7.3 | 5.7 | 6.5 |
| PENN G-1 | 7.0 | 6.0 | 6.5 |
| PENN A-4 | 7.0 | 5.3 | 6.2 |
| BAVARIA | 7.0 | 5.0 | 6.0 |
| SYN 96-3 | 7.0 | 5.0 | 6.0 |
| BACKSPIN | 6.7 | 5.0 | 5.8 |
| BAR CB 8US3 | 6.3 | 4.3 | 5.3 |
| SYN 96-2 | 7.0 | 3.7 | 5.3 |
| PROVIDENCE | 6.3 | 4.0 | 5.2 |
| CENTURY | 5.7 | 4.0 | 4.8 |
| CRENSHAW | 4.7 | 2.3 | 3.5 |
| LSD VALUE | 1.7 | 2.1 | 1.7 |
| C.V. (%) | 12.0 | 20.2 | 14.4 |

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.

3/ DOLLAR SPOT RATED IN 2001 ONLY.

TABLE 59. DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
AT MADISON (WITH FUNGICIDES), WI 1/
1999-2002 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

| NAME | JUNE | JULY | MEAN |
|-----------------------|------|------|------|
| SR 7200 | 8.7 | 7.7 | 8.2 |
| VESPER (PICK MVB) | 9.0 | 6.3 | 7.7 |
| PST-A2E | 8.0 | 6.3 | 7.2 |
| PENNLINKS | 8.0 | 6.0 | 7.0 |
| L-93 | 7.7 | 6.0 | 6.8 |
| PENN A-2 | 7.0 | 6.7 | 6.8 |
| SRX 1BPAA | 8.0 | 5.3 | 6.7 |
| SRX 1NJH | 8.0 | 5.0 | 6.5 |
| BENGAL (BAR AS 8FUS2) | 7.3 | 5.3 | 6.3 |
| PENN G-1 | 7.3 | 5.3 | 6.3 |
| PENN G-6 | 7.3 | 5.3 | 6.3 |
| BAVARIA | 6.3 | 6.0 | 6.2 |
| PENNCROSS | 6.7 | 5.7 | 6.2 |
| BACKSPIN | 6.7 | 4.7 | 5.7 |
| BRIGHTON (SRX 1120) | 6.3 | 5.0 | 5.7 |
| ISI AP-5 | 6.7 | 4.7 | 5.7 |
| PICK CB 13-94 | 6.7 | 4.7 | 5.7 |
| SR 1119 | 6.3 | 5.0 | 5.7 |
| SYN 96-3 | 7.3 | 4.0 | 5.7 |
| ABT-CRB-1 | 7.0 | 4.0 | 5.5 |
| PENN A-1 | 6.3 | 4.7 | 5.5 |
| PROVIDENCE | 6.7 | 4.0 | 5.3 |
| SYN 96-1 | 5.7 | 5.0 | 5.3 |
| BAR CB 8US3 | 6.0 | 4.3 | 5.2 |
| IMPERIAL | 6.7 | 3.7 | 5.2 |
| CENTURY | 6.3 | 3.7 | 5.0 |
| PENN A-4 | 5.7 | 4.0 | 4.8 |
| SYN 96-2 | 6.0 | 3.7 | 4.8 |
| CRENSHAW | 4.7 | 3.0 | 3.8 |
| LSD VALUE | 2.1 | 1.6 | 1.3 |
| C.V. (%) | 15.5 | 18.8 | 13.0 |

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

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

3/ DOLLAR SPOT RATED IN 2001 ONLY.

TABLE 60. DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
AT MADISON (WITHOUT FUNGICIDES), WI 1/
1999-2002 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

| NAME | JULY 00 | AUG 00 | SEP 00 | JUNE 01 | JULY 01 | MEAN |
|-----------------------|---------|--------|--------|---------|---------|------|
| SR 7200 | 9.0 | 8.0 | 7.0 | 9.0 | 7.3 | 8.1 |
| VESPER (PICK MVB) | 8.7 | 8.0 | 5.3 | 8.3 | 5.3 | 7.1 |
| PST-A2E | 7.7 | 8.3 | 5.7 | 7.3 | 5.7 | 6.9 |
| PENNLINKS | 8.7 | 8.3 | 5.0 | 6.7 | 5.7 | 6.8 |
| BAVARIA | 9.0 | 8.3 | 7.3 | 6.0 | 4.3 | 6.7 |
| L-93 | 8.0 | 8.0 | 5.3 | 7.0 | 5.7 | 6.7 |
| PENN A-2 | 8.7 | 7.7 | 5.0 | 7.0 | 4.7 | 6.5 |
| PENN A-1 | 8.3 | 7.7 | 4.7 | 7.0 | 4.7 | 6.4 |
| PENNCROSS | 7.7 | 7.7 | 5.0 | 6.3 | 5.0 | 6.2 |
| BENGAL (BAR AS 8FUS2) | 8.3 | 8.0 | 4.7 | 6.7 | 3.7 | 6.1 |
| SRX 1BPAA | 7.3 | 7.7 | 4.0 | 7.7 | 4.0 | 6.1 |
| PICK CB 13-94 | 7.7 | 7.3 | 5.0 | 6.7 | 3.3 | 5.8 |
| SRX 1NJH | 7.0 | 7.0 | 4.0 | 6.3 | 4.3 | 5.7 |
| ISI AP-5 | 7.0 | 7.0 | 4.7 | 6.0 | 4.0 | 5.6 |
| PENN G-6 | 6.7 | 7.3 | 4.3 | 6.0 | 4.3 | 5.6 |
| SR 1119 | 7.7 | 7.3 | 4.7 | 5.7 | 3.7 | 5.6 |
| PENN G-1 | 6.0 | 7.3 | 4.3 | 6.7 | 3.7 | 5.5 |
| BRIGHTON (SRX 1120) | 7.3 | 7.3 | 4.0 | 5.7 | 3.7 | 5.4 |
| ABT-CRB-1 | 6.3 | 6.3 | 4.7 | 6.0 | 3.7 | 5.3 |
| SYN 96-3 | 6.3 | 6.7 | 4.0 | 6.3 | 2.7 | 5.1 |
| PENN A-4 | 6.0 | 6.0 | 3.3 | 5.3 | 3.7 | 4.8 |
| IMPERIAL | 6.3 | 6.7 | 4.0 | 5.0 | 2.3 | 4.7 |
| PROVIDENCE | 5.7 | 6.3 | 3.3 | 5.3 | 3.3 | 4.7 |
| BAR CB 8US3 | 6.3 | 6.0 | 4.0 | 4.3 | 3.0 | 4.6 |
| SYN 96-1 | 5.0 | 6.7 | 4.0 | 5.3 | 2.7 | 4.6 |
| BACKSPIN | 5.3 | 6.0 | 3.3 | 5.7 | 2.7 | 4.5 |
| CENTURY | 5.3 | 5.0 | 3.3 | 4.3 | 1.7 | 3.8 |
| SYN 96-2 | 4.3 | 4.7 | 3.0 | 4.7 | 2.0 | 3.7 |
| CRENSHAW | 3.7 | 5.0 | 2.7 | 3.7 | 2.0 | 3.3 |
| LSD VALUE | 3.8 | 1.5 | 1.1 | 1.7 | 1.6 | 1.2 |
| C.V. (%) | 25.3 | 12.5 | 16.0 | 16.5 | 25.2 | 19.5 |

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

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

3/ DOLLAR SPOT CAUSED BY SCLEROTINIA HOMOEOCARPA IN 2000.

TABLE 61. DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
AT BLACKSBURG, VA 1/
1999-2002 DATA

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

| NAME | MAR 01 | MAY 01 | JULY 02 | AUG 02 | SEP 02 | MEAN |
|-----------------------|--------|--------|---------|--------|--------|------|
| SR 7200 | 8.7 | 7.3 | 7.7 | 7.7 | 7.7 | 7.8 |
| BAVARIA | 8.3 | 7.0 | 8.3 | 6.7 | 6.3 | 7.4 |
| SRX 1NJH | 8.0 | 6.3 | 8.3 | 6.7 | 6.7 | 7.2 |
| L-93 | 8.0 | 6.7 | 7.7 | 6.7 | 6.3 | 7.1 |
| PENN A-2 | 8.0 | 5.7 | 8.0 | 7.0 | 6.3 | 7.0 |
| VESPER (PICK MVB) | 7.3 | 7.0 | 8.3 | 6.3 | 6.0 | 7.0 |
| PENN A-1 | 6.7 | 6.7 | 8.3 | 7.0 | 6.3 | 6.9 |
| SRX 1BPAA | 8.3 | 6.0 | 8.0 | 6.3 | 5.7 | 6.9 |
| PENNCROSS | 8.0 | 6.3 | 8.0 | 6.0 | 5.3 | 6.8 |
| PENNLINKS | 8.7 | 7.0 | 6.0 | 6.0 | 5.3 | 6.8 |
| PENN G-1 | 6.0 | 6.3 | 7.7 | 6.0 | 5.7 | 6.3 |
| PST-A2E | 7.0 | 5.0 | 7.3 | 6.7 | 6.0 | 6.3 |
| ISI AP-5 | 7.3 | 7.0 | 6.3 | 5.0 | 4.3 | 6.2 |
| PICK CB 13-94 | 6.7 | 6.0 | 7.0 | 6.0 | 5.0 | 6.2 |
| IMPERIAL | 7.0 | 6.7 | 7.0 | 4.7 | 4.7 | 6.1 |
| PENN G-6 | 6.7 | 5.3 | 7.7 | 6.3 | 4.7 | 6.1 |
| SYN 96-3 | 7.3 | 5.7 | 7.3 | 5.0 | 4.3 | 6.0 |
| ABT-CRB-1 | 4.7 | 5.7 | 7.3 | 6.7 | 5.7 | 5.9 |
| BRIGHTON (SRX 1120) | 5.3 | 6.0 | 7.0 | 5.3 | 4.7 | 5.7 |
| BAR CB 8US3 | 6.0 | 7.0 | 6.7 | 4.0 | 3.7 | 5.6 |
| SYN 96-1 | 6.3 | 5.0 | 7.3 | 5.0 | 4.3 | 5.6 |
| CRENSHAW | 6.7 | 6.0 | 6.3 | 4.0 | 3.7 | 5.5 |
| PROVIDENCE | 4.3 | 6.7 | 6.3 | 5.0 | 5.0 | 5.5 |
| BACKSPIN | 5.7 | 5.3 | 6.7 | 5.0 | 4.3 | 5.4 |
| BENGAL (BAR AS 8FUS2) | 5.0 | 5.7 | 7.0 | 5.0 | 4.7 | 5.4 |
| PENN A-4 | 5.3 | 5.0 | 6.3 | 5.7 | 4.7 | 5.4 |
| SYN 96-2 | 6.0 | 5.7 | 7.0 | 4.0 | 3.7 | 5.4 |
| SR 1119 | 4.7 | 6.0 | 6.0 | 5.3 | 4.0 | 5.2 |
| CENTURY | 5.7 | 5.3 | 6.3 | 4.0 | 3.7 | 5.1 |
| LSD VALUE | 3.9 | 3.2 | 3.1 | 1.6 | 1.6 | 1.3 |
| C.V. (%) | 25.2 | 17.9 | 15.5 | 16.2 | 18.4 | 16.6 |

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 62. PERCENT DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS 1/
AT LEXINGTON (WITHOUT FUNGICIDES), KY 2/
1999-2002 DATA 3/

| NAME | JUNE 10 1999 | JUNE 15 1999 | JUNE 15 1999 | 2000 | JUNE 01 | JULY 01 | AUG 01 | 2002 | MEAN |
|-----------------------|-----------------|-----------------|-----------------|------|---------|---------|--------|------|------|
| CRENSHAW | 19.7 | 27.3 | 26.0 | 27.0 | 68.3 | 15.0 | 21.7 | 15.0 | 25.3 |
| IMPERIAL | 15.7 | 26.0 | 24.0 | 27.0 | 38.3 | 20.7 | 33.3 | 17.7 | 24.3 |
| SYN 96-2 | 19.0 | 23.3 | 21.3 | 24.3 | 41.7 | 21.7 | 35.0 | 18.3 | 24.2 |
| BACKSPIN | 18.0 | 26.0 | 20.3 | 19.7 | 55.0 | 19.3 | 23.0 | 20.0 | 23.4 |
| CENTURY | 20.0 | 26.7 | 26.7 | 18.3 | 45.0 | 14.7 | 24.0 | 21.3 | 23.0 |
| BAR CB 8US3 | 15.3 | 25.7 | 24.3 | 19.3 | 55.0 | 13.3 | 23.0 | 13.0 | 21.1 |
| BENGAL (BAR AS 8FUS2) | 15.3 | 24.3 | 20.0 | 20.0 | 35.0 | 17.3 | 36.7 | 14.0 | 20.9 |
| ABT-CRB-1 | 17.7 | 20.3 | 13.0 | 16.0 | 40.0 | 21.7 | 26.7 | 20.0 | 20.6 |
| SRX 1NJH | 13.3 | 21.7 | 13.3 | 14.7 | 48.3 | 12.3 | 26.3 | 22.3 | 20.5 |
| SYN 96-1 | 13.7 | 22.3 | 15.0 | 17.3 | 36.7 | 15.0 | 33.3 | 17.0 | 19.9 |
| SYN 96-3 | 14.3 | 21.0 | 18.0 | 16.0 | 35.0 | 16.3 | 28.3 | 18.3 | 19.7 |
| PENNCROSS | 2.7 | 16.7 | 5.0 | 17.3 | 46.7 | 21.7 | 38.3 | 16.7 | 19.4 |
| BRIGHTON (SRX 1120) | 8.0 | 20.0 | 12.7 | 16.7 | 45.0 | 12.7 | 22.7 | 19.0 | 19.0 |
| PICK CB 13-94 | 8.3 | 18.7 | 13.0 | 12.0 | 36.7 | 23.3 | 35.0 | 18.0 | 18.8 |
| PENN G-1 | 5.3 | 17.3 | 8.7 | 18.7 | 36.7 | 16.0 | 19.0 | 21.7 | 18.7 |
| SR 1119 | 12.0 | 21.0 | 16.0 | 15.3 | 40.0 | 18.3 | 20.3 | 15.0 | 18.2 |
| PROVIDENCE | 13.7 | 21.7 | 18.3 | 18.3 | 50.0 | 11.3 | 9.0 | 12.3 | 18.0 |
| SRX 1BPAA | 3.7 | 15.7 | 9.3 | 14.7 | 26.7 | 19.3 | 25.0 | 20.0 | 17.0 |
| PENNLINKS | 3.0 | 17.7 | 6.3 | 12.7 | 27.7 | 19.0 | 35.0 | 17.3 | 16.6 |
| ISI AP-5 | 9.0 | 21.0 | 13.0 | 16.0 | 35.0 | 12.0 | 17.3 | 13.0 | 16.2 |
| PST-A2E | 3.0 | 16.0 | 7.0 | 15.3 | 27.7 | 15.7 | 20.0 | 15.7 | 15.2 |
| PENN A-1 | 2.3 | 14.3 | 5.0 | 16.0 | 18.3 | 13.0 | 20.0 | 20.0 | 15.1 |
| PENN A-2 | 3.7 | 15.3 | 5.3 | 14.0 | 35.0 | 15.3 | 25.0 | 11.3 | 14.6 |
| PENN G-6 | 5.0 | 11.7 | 8.3 | 18.7 | 23.3 | 8.3 | 17.3 | 10.7 | 13.5 |
| VESPER (PICK MVB) | 0.3 | 14.3 | 5.0 | 17.3 | 18.3 | 12.7 | 15.7 | 13.7 | 13.3 |
| L-93 | 0.0 | 15.0 | 3.7 | 13.0 | 25.0 | 13.3 | 20.7 | 14.0 | 13.2 |
| PENN A-4 | 9.0 | 12.7 | 9.3 | 13.7 | 17.7 | 12.3 | 9.7 | 15.0 | 13.1 |
| SR 7200 | 1.3 | 0.3 | 0.0 | 5.3 | 22.7 | 15.0 | 19.7 | 16.7 | 10.4 |
| BAVARIA | 0.3 | 1.7 | 0.3 | 8.3 | 38.3 | 15.0 | 24.3 | 4.0 | 9.8 |
| LSD VALUE | 6.5 | 6.1 | 4.8 | 11.5 | 27.7 | 9.3 | 21.8 | 17.7 | 6.5 |
| C.V. (%) | 44.5 | 21.3 | 25.6 | 33.0 | 37.5 | 27.9 | 40.0 | 37.9 | 42.5 |

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.

3/ DOLLAR SPOT CAUSED BY SCLEROTINIA HOMEOCARPA IN 2001.

TABLE 63. DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
AT ORONO, ME 1/
1999-2002 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

| NAME | SEPTEMBER | OCTOBER | MEAN |
|-----------------------|-----------|---------|------|
| PENNCROSS | 9.0 | 3.7 | 6.3 |
| BAVARIA | 8.3 | 4.0 | 6.2 |
| VESPER (PICK MVB) | 9.0 | 3.3 | 6.2 |
| PENN A-1 | 8.7 | 3.3 | 6.0 |
| SR 7200 | 8.7 | 3.3 | 6.0 |
| PENNLINKS | 8.0 | 3.7 | 5.8 |
| SR 1119 | 8.3 | 3.3 | 5.8 |
| ABT-CRB-1 | 8.0 | 3.3 | 5.7 |
| SRX 1BPAA | 7.7 | 3.7 | 5.7 |
| SYN 96-2 | 7.7 | 3.7 | 5.7 |
| BACKSPIN | 7.7 | 3.3 | 5.5 |
| PENN A-4 | 8.0 | 3.0 | 5.5 |
| PROVIDENCE | 7.7 | 3.3 | 5.5 |
| SRX 1NJH | 8.0 | 3.0 | 5.5 |
| BRIGHTON (SRX 1120) | 8.0 | 2.7 | 5.3 |
| CENTURY | 7.0 | 3.7 | 5.3 |
| ISI AP-5 | 7.3 | 3.3 | 5.3 |
| PENN G-1 | 7.7 | 3.0 | 5.3 |
| SYN 96-1 | 7.0 | 3.7 | 5.3 |
| BENGAL (BAR AS 8FUS2) | 6.7 | 3.3 | 5.0 |
| IMPERIAL | 7.3 | 2.7 | 5.0 |
| PENN A-2 | 7.0 | 3.0 | 5.0 |
| PICK CB 13-94 | 6.3 | 3.7 | 5.0 |
| SYN 96-3 | 6.7 | 3.3 | 5.0 |
| PENN G-6 | 7.7 | 2.0 | 4.8 |
| PST-A2E | 6.7 | 3.0 | 4.8 |
| CRENSHAW | 7.0 | 2.3 | 4.7 |
| L-93 | 6.7 | 2.7 | 4.7 |
| BAR CB 8US3 | 6.0 | 2.0 | 4.0 |
| LSD VALUE | 4.4 | 3.5 | 2.4 |
| C.V. (%) | 18.1 | 30.3 | 15.6 |

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

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

3/ DOLLAR SPOT RATED IN 2002 ONLY.

TABLE 64. DOWNY MILDEW RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

DOWNY MILDEW RATINGS 1-9; 9=NO DISEASE 2/ 3/ 4/

| NAME | WA4 |
|-----------------------|-----|
| BAVARIA | 8.0 |
| BENGAL (BAR AS 8FUS2) | 7.7 |
| BRIGHTON (SRX 1120) | 7.7 |
| ISI AP-5 | 7.7 |
| CENTURY | 7.3 |
| IMPERIAL | 7.3 |
| PENN A-4 | 7.3 |
| PENN G-1 | 7.3 |
| PENNCROSS | 7.3 |
| SYN 96-1 | 7.3 |
| ABT-CRB-1 | 7.0 |
| BACKSPIN | 7.0 |
| BAR CB 8US3 | 7.0 |
| L-93 | 7.0 |
| PENN A-2 | 7.0 |
| PENNLINKS | 7.0 |
| PROVIDENCE | 7.0 |
| PST-A2E | 7.0 |
| SR 1119 | 7.0 |
| SRX 1BPAA | 7.0 |
| PENN G-6 | 6.7 |
| SRX 1NJH | 6.7 |
| VESPER (PICK MVB) | 6.7 |
| CRENSHAW | 6.3 |
| SR 7200 | 6.3 |
| SYN 96-2 | 6.3 |
| PENN A-1 | 6.0 |
| PICK CB 13-94 | 6.0 |
| SYN 96-3 | 6.0 |
| LSD VALUE | 1.0 |
| C.V. (%) | 9.2 |

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

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

3/ DOWNY MILDEW RATED IN 2000 ONLY.

4/ DOWNY MILDEW CAUSED BY SCLEROPHTHORA MACROSPORA.

TABLE 65. PERCENT PINK SNOW MOLD RATINGS OF BENTGRASS CULTIVARS 1/
GROWN ON A GREEN AT LEXINGTON (WITHOUT FUNGICIDES), KY
1999-2002 DATA 2/ 3/

| NAME | MARCH | APRIL | MEAN |
|-----------------------|-------|-------|------|
| PENNCROSS | 18.7 | 18.7 | 18.7 |
| VESPER (PICK MVB) | 5.3 | 17.0 | 11.2 |
| PENNLINKS | 11.7 | 10.3 | 11.0 |
| PROVIDENCE | 10.0 | 10.3 | 10.2 |
| PENN G-6 | 9.3 | 10.7 | 10.0 |
| SYN 96-3 | 6.7 | 12.7 | 9.7 |
| SYN 96-2 | 5.0 | 12.7 | 8.8 |
| PENN A-4 | 8.0 | 8.0 | 8.0 |
| BRIGHTON (SRX 1120) | 4.0 | 8.0 | 6.0 |
| BENGAL (BAR AS 8FUS2) | 2.7 | 8.7 | 5.7 |
| BAR CB 8US3 | 0.7 | 10.0 | 5.3 |
| PENN G-1 | 3.7 | 5.7 | 4.7 |
| BACKSPIN | 1.7 | 7.3 | 4.5 |
| CENTURY | 1.3 | 7.7 | 4.5 |
| PENN A-2 | 4.7 | 4.0 | 4.3 |
| SYN 96-1 | 1.0 | 7.3 | 4.2 |
| SR 7200 | 3.3 | 4.3 | 3.8 |
| PICK CB 13-94 | 3.3 | 4.0 | 3.7 |
| SRX 1NJH | 1.0 | 6.0 | 3.5 |
| ISI AP-5 | 1.0 | 5.7 | 3.3 |
| SR 1119 | 0.7 | 5.7 | 3.2 |
| SRX 1BPAA | 1.0 | 4.7 | 2.8 |
| L-93 | 0.7 | 4.3 | 2.5 |
| BAVARIA | 0.7 | 4.0 | 2.3 |
| IMPERIAL | 0.7 | 4.0 | 2.3 |
| PST-A2E | 1.0 | 2.7 | 1.8 |
| CRENSHAW | 1.0 | 2.3 | 1.7 |
| ABT-CRB-1 | 0.0 | 1.7 | 0.8 |
| PENN A-1 | 0.3 | 1.3 | 0.8 |
| LSD VALUE | 5.9 | 6.2 | 5.0 |
| C.V. (%) | 93.8 | 50.8 | 55.7 |

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.

3/ PERCENT PINK SNOW MOLD RATED IN 1999 ONLY.

TABLE 66. BROWN PATCH RATINGS OF BENTGRASS CULTIVARS
AT ORONO, ME 1/
1999-2002 DATA

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

| NAME | JULY 00 | AUG 00 | MAY 01 | JULY 01 | AUG 01 | OCT 01 | MEAN |
|-----------------------|---------|--------|--------|---------|--------|--------|------|
| VESPER (PICK MVB) | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| SR 7200 | 8.7 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 8.9 |
| SYN 96-2 | 6.3 | 8.3 | 8.7 | 5.0 | 9.0 | 8.7 | 7.6 |
| PENN A-1 | 6.7 | 8.7 | 8.0 | 3.7 | 8.7 | 9.0 | 7.5 |
| PENN G-6 | 5.7 | 8.3 | 8.7 | 5.0 | 8.3 | 9.0 | 7.4 |
| ABT-CRB-1 | 5.7 | 8.3 | 7.3 | 6.0 | 7.7 | 9.0 | 7.3 |
| SRX 1NJH | 5.0 | 8.7 | 8.0 | 5.7 | 8.0 | 9.0 | 7.3 |
| SYN 96-3 | 4.3 | 8.0 | 7.7 | 8.7 | 8.7 | 9.0 | 7.3 |
| PENNCROSS | 5.3 | 8.3 | 8.7 | 4.7 | 7.7 | 9.0 | 7.2 |
| PENN G-1 | 5.7 | 8.3 | 8.0 | 4.0 | 8.3 | 8.3 | 7.1 |
| CRENSHAW | 5.3 | 8.3 | 7.0 | 2.7 | 8.3 | 8.7 | 6.8 |
| PST-A2E | 6.0 | 8.0 | 7.0 | 3.3 | 7.3 | 9.0 | 6.8 |
| SYN 96-1 | 5.0 | 6.7 | 8.0 | 6.0 | 8.3 | 9.0 | 6.8 |
| BENGAL (BAR AS 8FUS2) | 4.7 | 8.0 | 6.0 | 6.3 | 7.0 | 9.0 | 6.7 |
| PENN A-4 | 5.0 | 7.7 | 8.0 | 2.7 | 8.3 | 9.0 | 6.7 |
| SRX 1BPAA | 4.7 | 8.0 | 7.3 | 3.3 | 8.0 | 9.0 | 6.6 |
| BACKSPIN | 4.0 | 7.0 | 8.7 | 3.7 | 9.0 | 8.7 | 6.5 |
| PICK CB 13-94 | 4.0 | 8.3 | 6.0 | 4.3 | 8.0 | 8.7 | 6.5 |
| SR 1119 | 4.3 | 8.0 | 7.3 | 3.3 | 8.0 | 9.0 | 6.5 |
| ISI AP-5 | 3.3 | 7.7 | 7.0 | 5.0 | 8.0 | 9.0 | 6.4 |
| L-93 | 3.3 | 7.3 | 7.0 | 3.7 | 8.7 | 9.0 | 6.2 |
| IMPERIAL | 4.3 | 6.0 | 5.7 | 3.3 | 9.0 | 9.0 | 6.0 |
| PENN A-2 | 5.3 | 7.7 | 4.0 | 3.3 | 6.0 | 9.0 | 6.0 |
| PENNLINKS | 3.0 | 7.0 | 6.0 | 4.0 | 8.3 | 8.7 | 5.9 |
| CENTURY | 4.3 | 6.3 | 4.0 | 4.3 | 7.0 | 9.0 | 5.7 |
| BRIGHTON (SRX 1120) | 3.3 | 6.3 | 6.7 | 2.0 | 8.0 | 8.7 | 5.6 |
| BAVARIA | 3.3 | 5.0 | 8.7 | 1.7 | 6.7 | 8.0 | 5.2 |
| BAR CB 8US3 | 3.7 | 6.3 | 2.7 | 1.7 | 7.7 | 8.7 | 5.1 |
| PROVIDENCE | 3.0 | 6.0 | 3.3 | 1.7 | 6.7 | 8.3 | 4.8 |
| LSD VALUE | 3.2 | 2.4 | 3.8 | 2.5 | 3.6 | 1.3 | 1.2 |
| C.V. (%) | 33.7 | 15.4 | 27.4 | 35.6 | 15.4 | 4.8 | 15.7 |

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 67. TAKE-ALL PATCH RATINGS OF BENTGRASS CULTIVARS
AT MADISON (WITH FUNGICIDES), WI 1/
2001 DATA

TAKE-ALL PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

| NAME | JUNE 13 | JUNE 18 | MEAN |
|-----------------------|---------|---------|------|
| BAR CB 8US3 | 9.0 | 9.0 | 9.0 |
| ISI AP-5 | 9.0 | 9.0 | 9.0 |
| VESPER (PICK MVB) | 8.7 | 9.0 | 8.8 |
| ABT-CRB-1 | 8.3 | 9.0 | 8.7 |
| SYN 96-2 | 8.0 | 9.0 | 8.5 |
| PENN A-4 | 8.0 | 8.0 | 8.0 |
| PENN A-1 | 8.0 | 7.7 | 7.8 |
| CRENSHAW | 7.3 | 7.3 | 7.3 |
| IMPERIAL | 7.0 | 7.7 | 7.3 |
| L-93 | 7.0 | 7.7 | 7.3 |
| PENN A-2 | 7.0 | 7.7 | 7.3 |
| PICK CB 13-94 | 7.0 | 7.7 | 7.3 |
| SRX 1BPAA | 7.0 | 7.7 | 7.3 |
| SYN 96-3 | 7.0 | 7.7 | 7.3 |
| SR 7200 | 6.0 | 8.0 | 7.0 |
| SRX 1NJH | 7.0 | 7.0 | 7.0 |
| SYN 96-1 | 6.3 | 7.7 | 7.0 |
| BAVARIA | 6.0 | 7.7 | 6.8 |
| PROVIDENCE | 6.3 | 7.3 | 6.8 |
| BENGAL (BAR AS 8FUS2) | 6.7 | 6.7 | 6.7 |
| CENTURY | 7.0 | 6.3 | 6.7 |
| PENNLINKS | 6.7 | 6.3 | 6.5 |
| PENNCROSS | 5.3 | 7.0 | 6.2 |
| BACKSPIN | 5.3 | 6.7 | 6.0 |
| PST-A2E | 6.0 | 6.0 | 6.0 |
| BRIGHTON (SRX 1120) | 5.3 | 6.0 | 5.7 |
| PENN G-6 | 5.7 | 5.7 | 5.7 |
| SR 1119 | 5.0 | 6.0 | 5.5 |
| PENN G-1 | 5.0 | 5.7 | 5.3 |
| LSD VALUE | 10.6 | 8.3 | 9.4 |
| C.V. (%) | 38.5 | 29.4 | 33.1 |

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.

3/ TAKE-ALL PATCH RATED IN 2001 ONLY.

TABLE 68. TAKE-ALL PATCH RATINGS OF BENTGRASS CULTIVARS
AT MADISON (WITHOUT FUNGICIDES), WI 1/
2001 DATA

TAKE-ALL PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

| NAME | JUNE 13 | JUNE 18 | MEAN |
|-----------------------|---------|---------|------|
| ISI AP-5 | 9.0 | 9.0 | 9.0 |
| BAR CB 8US3 | 9.0 | 8.7 | 8.8 |
| SYN 96-2 | 8.7 | 9.0 | 8.8 |
| CRENSHAW | 8.7 | 8.7 | 8.7 |
| VESPER (PICK MVB) | 8.0 | 9.0 | 8.5 |
| PENN A-1 | 8.0 | 7.7 | 7.8 |
| PICK CB 13-94 | 7.7 | 8.0 | 7.8 |
| ABT-CRB-1 | 7.7 | 7.7 | 7.7 |
| PENN A-4 | 7.7 | 7.7 | 7.7 |
| SR 7200 | 7.3 | 8.0 | 7.7 |
| IMPERIAL | 7.0 | 7.7 | 7.3 |
| L-93 | 7.3 | 7.3 | 7.3 |
| SRX 1BPAA | 7.3 | 7.3 | 7.3 |
| SYN 96-3 | 7.0 | 7.7 | 7.3 |
| PENN G-6 | 7.0 | 7.3 | 7.2 |
| BENGAL (BAR AS 8FUS2) | 7.3 | 6.7 | 7.0 |
| CENTURY | 7.0 | 7.0 | 7.0 |
| PROVIDENCE | 7.7 | 6.3 | 7.0 |
| SRX 1NJH | 7.0 | 7.0 | 7.0 |
| BAVARIA | 6.3 | 7.3 | 6.8 |
| PENN A-2 | 6.3 | 7.3 | 6.8 |
| SYN 96-1 | 6.3 | 7.3 | 6.8 |
| PENNLINKS | 6.7 | 6.7 | 6.7 |
| BACKSPIN | 6.0 | 6.3 | 6.2 |
| PST-A2E | 6.0 | 6.0 | 6.0 |
| PENN G-1 | 6.0 | 5.7 | 5.8 |
| PENNCROSS | 5.0 | 6.7 | 5.8 |
| SR 1119 | 5.3 | 6.0 | 5.7 |
| BRIGHTON (SRX 1120) | 5.7 | 4.7 | 5.2 |
| LSD VALUE | 10.5 | 8.5 | 9.4 |
| C.V. (%) | 35.6 | 30.1 | 31.9 |

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.

3/ TAKE-ALL PATCH RATED IN 2001 ONLY.

TABLE 69. COLOR RATINGS OF BENTGRASS CULTIVARS
AT AUBURN, AL 1/
2001 DATA

COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

| NAME | JUNE | SEPTEMBER | OCTOBER | MEAN |
|-----------------------|------|-----------|---------|------|
| SRX 1BPAA | 6.3 | 7.3 | 9.0 | 7.6 |
| SRX 1NJH | 6.7 | 7.3 | 8.7 | 7.6 |
| SYN 96-2 | 7.7 | 7.7 | 7.0 | 7.4 |
| BRIGHTON (SRX 1120) | 6.3 | 7.3 | 7.3 | 7.0 |
| CRENSHAW | 6.7 | 7.0 | 7.3 | 7.0 |
| PENN A-4 | 7.0 | 7.3 | 6.7 | 7.0 |
| PENN G-1 | 6.7 | 6.7 | 7.0 | 6.8 |
| PROVIDENCE | 5.7 | 7.3 | 7.3 | 6.8 |
| SR 1119 | 5.7 | 7.0 | 7.7 | 6.8 |
| BENGAL (BAR AS 8FUS2) | 6.0 | 6.3 | 7.0 | 6.4 |
| ISI AP-5 | 6.0 | 6.7 | 6.7 | 6.4 |
| L-93 | 5.7 | 6.3 | 7.3 | 6.4 |
| PENN A-2 | 7.0 | 5.7 | 6.7 | 6.4 |
| BAR CB 8US3 | 5.3 | 6.3 | 7.3 | 6.3 |
| PICK CB 13-94 | 6.0 | 6.3 | 6.7 | 6.3 |
| PENNCROSS | 5.0 | 7.3 | 6.3 | 6.2 |
| PST-A2E | 5.7 | 6.0 | 7.0 | 6.2 |
| PENN A-1 | 5.7 | 6.7 | 6.0 | 6.1 |
| CENTURY | 5.3 | 6.3 | 6.3 | 6.0 |
| PENNLINKS | 5.0 | 6.7 | 6.3 | 6.0 |
| PENN G-6 | 6.3 | 5.3 | 6.0 | 5.9 |
| IMPERIAL | 5.3 | 6.0 | 6.0 | 5.8 |
| VESPER (PICK MVB) | 5.0 | 5.0 | 6.3 | 5.4 |
| ABT-CRB-1 | 5.0 | 4.7 | 6.3 | 5.3 |
| BACKSPIN | 4.7 | 5.3 | 6.0 | 5.3 |
| SYN 96-1 | 5.3 | 5.3 | 5.3 | 5.3 |
| SYN 96-3 | 5.0 | 5.0 | 6.0 | 5.3 |
| SR 7200 | 4.7 | 3.7 | 4.7 | 4.3 |
| BAVARIA | 2.7 | 3.3 | 5.0 | 3.7 |
| LSD VALUE | 1.4 | 1.5 | 1.5 | 1.1 |
| C.V. (%) | 14.9 | 14.9 | 13.0 | 11.0 |

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

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

3/ COLOR RATED IN 2001 ONLY.

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR BENTGRASS CULTIVARS
IN THE 1998 NATIONAL BENTGRASS (PUTTING GREEN) TEST */
1999-2002 DATA

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

| NAME | ALL LOCATIONS | | STATISTICS FOR ALL LOCATIONS | | | | |
|-----------------------|---------------|---------|------------------------------|---------|-----------------|----------------|-----------------------|
| | MEAN 1/ | RANK 2/ | SUM OF RANKS 3/ | RANK 4/ | HIGHEST RANK 5/ | LOWEST RANK 6/ | MAXIMUM IN TOP 25% 7/ |
| ABT-CRB-1 | 5.8 | 17 | 415 | 21 | 4 | 28 | 8.3 |
| BACKSPIN | 5.7 | 24 | 494 | 25 | 15 | 27 | 0.0 |
| BAR CB BUS3 | 5.8 | 21 | 412 | 20 | 1 | 28 | 16.7 |
| BAVARIA | 4.0 | 29 | 690 | 29 | 27 | 29 | 0.0 |
| BENGAL (BAR AS 8FUS2) | 6.1 | 10 | 285 | 10 | 2 | 27 | 25.0 |
| BRIGHTON (SRX 1120) | 5.8 | 18 | 391 | 15 | 5 | 26 | 8.3 |
| CENTURY | 5.9 | 15 | 402 | 18 | 2 | 27 | 8.3 |
| CRENSHAW | 5.7 | 22 | 423 | 22 | 5 | 26 | 12.5 |
| IMPERIAL | 5.9 | 14 | 379 | 14 | 4 | 25 | 4.2 |
| ISI AP-5 | 6.0 | 12 | 305 | 12 | 2 | 25 | 16.7 |
| L-93 | 6.2 | 5 | 193 | 5 | 1 | 25 | 50.0 |
| PENN A-1 | 6.4 | 1 | 144 | 1 | 1 | 28 | 79.2 |
| PENN A-2 | 6.3 | 4 | 172 | 3 | 1 | 24 | 58.3 |
| PENN A-4 | 6.3 | 2 | 176 | 4 | 1 | 25 | 70.8 |
| PENN G-1 | 6.3 | 3 | 154 | 2 | 1 | 14 | 62.5 |
| PENN G-6 | 6.1 | 6 | 269 | 7 | 2 | 25 | 37.5 |
| PENNCROSS | 5.2 | 27 | 553 | 27 | 2 | 28 | 4.2 |
| PENNLINKS | 5.3 | 26 | 558 | 28 | 7 | 28 | 4.2 |
| PICK CB 13-94 | 5.8 | 20 | 408 | 19 | 8 | 26 | 0.0 |
| PROVIDENCE | 5.7 | 23 | 468 | 24 | 3 | 28 | 4.2 |
| PST-A2E | 6.1 | 7 | 278 | 8 | 1 | 26 | 41.7 |
| SR 1119 | 5.8 | 16 | 393 | 17 | 3 | 24 | 16.7 |
| SR 7200 | 5.1 | 28 | 495 | 26 | 1 | 29 | 20.8 |
| SRX 1BPAA | 5.8 | 19 | 392 | 16 | 4 | 27 | 12.5 |
| SRX 1NJH | 5.9 | 13 | 359 | 13 | 3 | 29 | 25.0 |
| SYN 96-1 | 6.1 | 9 | 260 | 6 | 1 | 21 | 29.2 |
| SYN 96-2 | 6.1 | 11 | 288 | 11 | 1 | 25 | 29.2 |
| SYN 96-3 | 6.1 | 8 | 280 | 9 | 1 | 26 | 25.0 |
| VESPER (PICK MVB) | 5.3 | 25 | 428 | 23 | 1 | 28 | 29.2 |
| LSD VALUE | 0.2 | | | | | | |
| C.V. (%) | 8.9 | | | | | | |

*/ 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/ RANK - RANKING OF THE MEAN OF ALL QUALITY RATINGS.

3/ SUM OF RANKS - A SUM OF ALL THE RANKINGS FROM THE VARIOUS LOCATIONS.

4/ RANK - THE RANKING OF THE SUM OF RANKS.

5/ HIGHEST RANK - THE HIGHEST RANKING ACHIEVED BY THAT ENTRY AT ANY ONE LOCATION.

6/ LOWEST RANK - THE LOWEST RANKING ACHIEVED BY THAT ENTRY AT ANY ONE LOCATION.

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