

NATIONAL TURFGRASS EVALUATION PROGRAM

The National Turfgrass Evaluation Program (NTEP) is designed to develop and coordinate uniform evaluation trials of turfgrass varieties and promising selections in the United States and Canada. Test results can be used by national companies and plant breeders to determine the broad picture of the adaptation of a cultivar. Results can also be used to determine if a cultivar is well adapted to a local area or level of turf maintenance.

Briefly, the NTEP is a self-supporting, non-profit program, sponsored by the Beltsville Agricultural Research Center and the National Turfgrass Federation, Inc. Program policy is made by a policy committee consisting of one member from each of the four (4) Regional Turfgrass Research Committees in the United States, one member from the Lawn Seed Division of the American Seed Trade Association, one member from the United States Golf Association (USGA) Green Section, one member from the Golf Course Superintendents Assoc. of America (GCSAA), one member for the Turfgrass Producers International (TPI), one member from the Turfgrass Breeders Association and an executive director. The program does not make variety recommendations. However, the data from tests can be used by extension specialists and others for making recommendations.

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

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A Guide to NTEP Turfgrass Ratings

Introduction

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

General Considerations

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

Turfgrass Quality

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

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

Other Ratings

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

2013 NATIONAL WARM-SEASON PUTTING GREEN TEST

LOCATIONS SUBMITTING DATA FOR 2018

| <u>State</u> | <u>Location</u> | <u>Code</u> |
|--------------|------------------------------------|-------------|
| Arkansas | Fayetteville | AR1 |
| Arizona | Tucson | AZ1 |
| California | Rancho Mirage, CA (Tamarisk C.C.) | CA4 |
| Florida | Jay | FL3 |
| Florida | Tequesta (Jupiter Hills Golf Club) | FL5 |
| Georgia | Griffin | GA1 |
| Indiana | Bloomington | IN3 |
| Kentucky | Lexington | KY1 |
| Mississippi | Mississippi State | MS1 |
| Texas | College Station | TX2 |
| Virginia | Richmond, VA (C. C. of Virginia) | VA6 |

2013 National Warm-Season Putting Green Test Entries and Sponsors

| Entry No | Name | Species | Sponsor |
|----------|-------------|-------------------|-------------------------------------|
| *1 | Tifdwarf | Bermuda | Standard Entry |
| *2 | Tifeagle | Bermuda | Standard Entry |
| *3 | Mini-Verde | Bermuda | Standard Entry |
| *4 | Sunday | Bermuda | Sod Solutions |
| 5 | 08-T-18 | Bermuda | Georgia Seed Development Commission |
| 6 | 11-T-861 | Bermuda | Georgia Seed Development Commission |
| 7 | FAES 1302 | Bermuda | University of Florida |
| 8 | OKC-13-78-5 | Bermuda | Oklahoma State University |
| 9 | OKC-1-75-2 | Bermuda | Oklahoma State University |
| 10 | OKC-16-13-8 | Bermuda | Oklahoma State University |
| 11 | MSB-264 | Bermuda | Mississippi State University |
| 12 | MSB-285 | Bermuda | Mississippi State University |
| 13 | CTF-E3 | Bermuda | Champion Turf Farms |
| 14 | CTF-B10 | Bermuda | Champion Turf Farms |
| 15 | JK 110521 | Bermuda | Evergreen Turf Inc |
| 16 | FAES 1301 | Zoysiagrass | University of Florida |
| 17 | 10-TZ-74 | Zoysiagrass | Georgia Seed Development |
| *18 | L1F | Zoysiagrass | Bladerunner Farms |
| 19 | DALZ 1306 | Zoysiagrass | Bladerunner Farms |
| 20 | DALZ 1307 | Zoysiagrass | Bladerunner Farms |
| 21 | DALZ 1308 | Zoysiagrass | Bladerunner Farms |
| 22 | DALZ 1309 | Zoysiagrass | Bladerunner Farms |
| *23 | Diamond | Zoysiagrass | Standard Entry |
| 24 | DALZ 1304 | Zoysiagrass | Bladerunner Farms |
| 25 | DALZ 1305 | Zoysiagrass | Bladerunner Farms |
| 26 | ZOYSIU | Zoysiagrass | Grassland Oregon |
| *27 | SeaDwarf | Seashore Paspalum | Standard Entry |
| 28 | UGA 1743 | Seashore Paspalum | UGA Research Foundation |

* Commercially Available in the USA in 2018

TABLE A.

2013-17 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN
THE 2013 NATIONAL WARM-SEASON PUTTING 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 |
|----------|-----------------|------------|-----------------------------------|---------------------------------|------------------------------|--------------------|--------------------------|-------------------------|
| AR1 | SAND | 6.6-7.0 | 0-60 | 0-150 | 6.1-7.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| AZ1 | - | - | - | - | - | - | - | - |
| CA3 | SAND | 7.6-8.5 | 0-60 | 151-240 | 5.1-6.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| CA4 | SAND | 7.6-8.5 | 0-60 | 151-240 | 5.1-6.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| FL3 | SANDY LOAM | 5.6-6.0 | 0-60 | 0-150 | 5.1-6.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| FL5 | SAND | - | - | - | 0.0-1.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| GA1 | SAND | - | - | - | 3.1-4.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| IN3 | SANDY LOAM | 7.1-7.5 | 0-60 | 0-150 | - | FULL SUN | 0.0-0.5 | TO PREVENT DORMANCY |
| KY1 | LOAMY SAND | 7.6-8.5 | 0-60 | 0-150 | 3.1-4.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| MS1 | SAND | 6.1-6.5 | 0-60 | 0-150 | - | FULL SUN | - | TO PREVENT STRESS |
| TX2 | SAND | 8.6+ | 0-60 | 0-150 | 0.0-1.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| VA6 | SILTY CLAY LOAM | 6.1-6.5 | 61-150 | 151-240 | 3.1-4.0 | FULL SUN | 0.6-1.0 | TO PREVENT DORMANCY |

TABLE 1A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT FAYETTEVILLE, AR 1/
2014-15 DATA

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

| NAME | GENETIC COLOR | SEEDLING VIGOR | FALL COLOR | | APR | MAY | JUN | QUALITY RATINGS | | | OCT | MEAN |
|-------------|------------------|-------------------|------------|----------|------|------|------|-----------------|------|------|------|------|
| | | | OCTOBER | NOVEMBER | | | | JUL | AUG | SEP | | |
| MSB-264 | 6.3 | 9.0 | 7.3 | 6.0 | 6.7 | 8.3 | 7.7 | 6.8 | 7.8 | 8.0 | 7.7 | 7.6 |
| MSB-285 | 5.7 | 9.0 | 7.3 | 5.7 | 6.3 | 8.0 | 7.7 | 7.0 | 7.8 | 8.0 | 8.0 | 7.6 |
| OKC-13-78-5 | 7.3 | 8.7 | 5.0 | 6.0 | 7.3 | 7.3 | 7.3 | 7.3 | 8.0 | 8.0 | 5.3 | 7.3 |
| OKC-16-13-8 | 6.0 | 8.3 | 4.3 | 6.7 | 6.3 | 8.0 | 7.7 | 6.8 | 7.7 | 8.0 | 6.7 | 7.3 |
| 08-T-18 | 7.3 | 7.7 | 7.7 | 7.0 | 5.7 | 6.7 | 6.7 | 6.8 | 7.7 | 7.2 | 6.0 | 6.8 |
| 11-T-861 | 7.0 | 8.0 | 5.3 | 7.0 | 6.7 | 7.7 | 7.0 | 6.3 | 7.0 | 7.3 | 6.3 | 6.8 |
| OKC-1-75-2 | 6.0 | 6.7 | 7.3 | 6.3 | 6.3 | 6.7 | 7.3 | 6.0 | 7.0 | 7.2 | 6.0 | 6.6 |
| JK 110521 | 6.7 | 8.3 | 5.3 | 6.3 | 3.0 | 5.0 | 6.7 | 6.3 | 6.7 | 7.7 | 5.3 | 6.2 |
| SUNDAY | 7.3 | 7.3 | 4.7 | 6.7 | 3.0 | 5.0 | 5.7 | 6.0 | 7.3 | 7.5 | 5.7 | 6.2 |
| FAES 1302 | 6.7 | 8.0 | 3.7 | 6.3 | 4.3 | 5.7 | 6.0 | 6.0 | 6.2 | 7.2 | 4.3 | 5.9 |
| TIFEAGLE | 6.0 | 7.0 | 4.3 | 6.7 | 3.0 | 5.0 | 6.0 | 6.2 | 6.0 | 7.0 | 4.7 | 5.8 |
| MINI-VERDE | 7.3 | 8.0 | 3.0 | 7.0 | 2.3 | 3.7 | 4.7 | 5.5 | 6.2 | 7.0 | 4.3 | 5.4 |
| TIFDWARF | 7.3 | 7.3 | 3.7 | 6.7 | 2.0 | 3.3 | 4.3 | 5.0 | 6.0 | 6.7 | 5.3 | 5.3 |
| CTF-B10 | 6.0 | 6.7 | 3.3 | 5.7 | 1.7 | 2.3 | 3.7 | 3.8 | 5.3 | 7.7 | 4.0 | 4.0 |
| CTF-E3 | 7.7 | 4.0 | 2.7 | 6.3 | 1.0 | 1.0 | 1.7 | 3.0 | 3.7 | 5.3 | 2.7 | 2.7 |
| LSD VALUE | 3.2 | 2.2 | 1.4 | 1.6 | 2.2 | 2.4 | 2.6 | 1.8 | 1.5 | 3.0 | 1.9 | 1.3 |
| C.V. (%) | 17.2 | 15.8 | 17.9 | 10.2 | 31.2 | 26.5 | 24.7 | 25.4 | 17.1 | 18.8 | 20.0 | 19.5 |

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

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

TABLE 1B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT FAYETTEVILLE, AR 1/
2014-15 DATA

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

| NAME | GENETIC COLOR | SEEDLING VIGOR | FALL COLOR | | QUALITY RATINGS | | | | | | | MEAN |
|-----------|------------------|-------------------|------------|----------|-----------------|------|------|------|------|------|------|------|
| | | | OCTOBER | NOVEMBER | APR | MAY | JUN | JUL | AUG | SEP | OCT | |
| ZOYSIU | 6.3 | 8.3 | 8.0 | 6.3 | 7.0 | 7.3 | 7.0 | 5.2 | 6.7 | 7.7 | 6.3 | 6.6 |
| L1F | 6.3 | 7.7 | 7.7 | 6.3 | 5.3 | 6.0 | 7.7 | 5.8 | 6.5 | 8.3 | 5.7 | 6.5 |
| DALZ 1308 | 7.0 | 6.0 | 7.0 | 6.7 | 4.7 | 6.0 | 7.0 | 5.5 | 5.8 | 7.8 | 4.3 | 5.8 |
| DALZ 1304 | 7.0 | 6.7 | 7.3 | 6.7 | 5.0 | 5.7 | 6.7 | 5.0 | 5.8 | 7.5 | 4.7 | 5.7 |
| DALZ 1305 | 6.7 | 7.3 | 8.0 | 6.7 | 4.3 | 5.0 | 6.0 | 5.2 | 5.7 | 7.0 | 5.0 | 5.6 |
| DIAMOND | 6.0 | 6.3 | 7.0 | 6.0 | 4.3 | 5.3 | 6.3 | 5.5 | 5.7 | 7.0 | 4.7 | 5.6 |
| DALZ 1307 | 7.3 | 6.3 | 6.7 | 6.7 | 3.0 | 4.3 | 6.0 | 4.8 | 5.5 | 7.2 | 4.3 | 5.2 |
| DALZ 1306 | 6.7 | 5.7 | 7.0 | 6.3 | 4.0 | 5.0 | 6.0 | 4.5 | 4.8 | 6.8 | 4.3 | 5.0 |
| DALZ 1309 | 6.3 | 5.7 | 6.3 | 6.3 | 3.3 | 5.0 | 5.7 | 4.5 | 5.0 | 7.0 | 3.7 | 4.9 |
| 10-TZ-74 | 6.3 | 5.0 | 4.7 | 6.7 | 3.0 | 3.7 | 3.3 | 3.0 | 3.0 | 5.0 | 2.7 | 3.3 |
| FAES 1301 | 6.3 | 4.7 | 6.7 | 6.0 | 2.3 | 2.3 | 2.7 | 2.8 | 3.7 | 5.0 | 3.3 | 3.1 |
| LSD VALUE | 2.7 | 2.2 | 0.8 | 1.5 | 1.3 | 1.0 | 1.3 | 3.2 | 2.9 | 1.4 | 1.4 | 1.1 |
| C.V. (%) | 14.1 | 17.5 | 7.2 | 8.2 | 19.2 | 12.5 | 14.1 | 41.0 | 30.9 | 14.7 | 17.9 | 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.

TABLE 1C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF SEASHORE PASPALUM CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT FAYETTEVILLE, AR 1/
2014-15 DATA

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

| NAME | GENETIC COLOR | SEEDLING VIGOR | FALL COLOR | | QUALITY RATINGS | | | | | | | MEAN |
|-----------|------------------|-------------------|------------|----------|-----------------|-----|-----|------|------|-----|------|------|
| | | | OCTOBER | NOVEMBER | APR | MAY | JUN | JUL | AUG | SEP | OCT | |
| UGA 1743 | 6.7 | 8.7 | 7.0 | 7.3 | 4.3 | 7.3 | 7.3 | 6.2 | 8.3 | 7.5 | 7.0 | 7.1 |
| SEADWARF | 7.0 | 7.3 | 7.7 | 6.0 | 5.3 | 6.0 | 7.3 | 7.2 | 7.2 | 6.7 | 7.7 | 7.0 |
| LSD VALUE | 2.7 | 2.2 | 0.8 | 1.5 | 1.3 | 1.0 | 1.3 | 3.2 | 2.9 | 1.4 | 1.4 | 1.1 |
| C.V. (%) | 6.0 | 5.1 | 5.6 | 16.2 | 0.0 | 6.1 | 9.6 | 11.3 | 14.2 | 8.2 | 14.7 | 11.1 |

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

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

TABLE 2A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT TUCSON, AZ 1/
2013-17 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | SPRING DENSITY | SUMMER DENSITY | FALL DENSITY | PERCENT GROUND COVER SUMMER | WINTER COLOR | QUALITY RATINGS | | | | | | | | | | | |
|-------------|------------------|-------------------|-----------------|-------------------|-------------------|-----------------|--------------------------------------|-----------------|-----------------|------|------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | MEAN |
| 08-T-18 | 5.2 | 2.0 | 8.4 | 8.1 | 8.6 | 8.8 | 98.6 | 4.7 | 3.3 | 4.5 | 5.2 | 6.1 | 7.3 | 7.3 | 8.4 | 7.6 | 7.3 | 6.2 | 4.7 | 6.8 |
| MSB-264 | 6.0 | 1.3 | 7.8 | 7.7 | 8.3 | 7.8 | 98.9 | 4.8 | 3.7 | 4.8 | 5.2 | 6.1 | 7.0 | 7.5 | 8.3 | 7.6 | 7.2 | 5.9 | 4.5 | 6.7 |
| 11-T-861 | 5.6 | 1.0 | 6.4 | 7.3 | 6.8 | 6.8 | 98.1 | 2.1 | 3.7 | 4.7 | 5.7 | 6.2 | 6.8 | 7.2 | 7.3 | 7.8 | 7.1 | 5.1 | 3.5 | 6.5 |
| MSB-285 | 6.3 | 1.3 | 7.3 | 7.1 | 7.7 | 8.1 | 98.6 | 4.2 | 3.7 | 4.8 | 5.6 | 6.0 | 6.8 | 7.2 | 8.0 | 7.1 | 7.0 | 6.2 | 4.3 | 6.5 |
| SUNDAY | 5.1 | 3.3 | 7.0 | 7.9 | 7.2 | 7.0 | 96.7 | 3.2 | 5.3 | 6.5 | 6.3 | 6.2 | 6.8 | 7.2 | 7.3 | 7.7 | 6.4 | 5.6 | 3.2 | 6.5 |
| JK 110521 | 5.8 | 3.7 | 6.6 | 7.0 | 6.7 | 6.9 | 90.9 | 3.7 | 4.3 | 5.8 | 6.1 | 6.2 | 6.6 | 7.2 | 7.2 | 7.2 | 6.8 | 5.5 | 3.7 | 6.4 |
| OKC-1-75-2 | 7.8 | 2.0 | 6.8 | 6.4 | 6.8 | 6.9 | 96.4 | 5.8 | 3.0 | 3.8 | 5.0 | 5.4 | 6.5 | 6.9 | 7.6 | 7.3 | 7.0 | 5.8 | 4.3 | 6.3 |
| FAES 1302 | 5.8 | 3.7 | 6.8 | 6.8 | 6.8 | 6.6 | 92.2 | 3.7 | 5.7 | 5.8 | 5.9 | 5.8 | 6.1 | 6.8 | 6.6 | 7.3 | 6.5 | 5.2 | 3.2 | 6.1 |
| OKC-16-13-8 | 7.1 | 1.7 | 7.4 | 7.0 | 7.3 | 6.8 | 98.9 | 3.6 | 4.3 | 4.3 | 4.8 | 5.9 | 6.8 | 6.8 | 7.1 | 6.9 | 6.3 | 4.8 | 3.5 | 6.1 |
| TIFEAGLE | 6.1 | 4.7 | 6.7 | 7.1 | 7.1 | 6.8 | 96.7 | 3.7 | 4.0 | 5.7 | 5.1 | 5.4 | 6.3 | 6.3 | 6.8 | 6.3 | 5.8 | 5.6 | 3.5 | 5.8 |
| OKC-13-78-5 | 5.7 | 2.0 | 7.7 | 6.7 | 6.1 | 5.8 | 95.8 | 5.0 | 3.7 | 4.7 | 5.1 | 5.4 | 6.1 | 6.5 | 5.8 | 6.4 | 5.8 | 4.7 | 3.0 | 5.6 |
| MINI-VERDE | 5.8 | 5.3 | 6.8 | 6.4 | 5.9 | 6.4 | 93.7 | 3.6 | 3.3 | 4.7 | 5.0 | 5.3 | 5.3 | 5.9 | 6.4 | 6.4 | 5.8 | 4.8 | 3.0 | 5.5 |
| TIFDWARF | 6.3 | 4.0 | 5.7 | 5.7 | 5.6 | 5.8 | 92.8 | 4.1 | 3.0 | 4.2 | 5.0 | 5.8 | 5.8 | 6.2 | 6.0 | 6.1 | 5.9 | 4.7 | 2.8 | 5.5 |
| CTF-B10 | 4.9 | 2.3 | 6.7 | 5.9 | 6.0 | 5.8 | 87.0 | 3.6 | 4.0 | 4.3 | 4.3 | 5.1 | 5.7 | 5.7 | 5.8 | 5.6 | 5.4 | 4.6 | 3.0 | 5.2 |
| CTF-E3 | 6.3 | 3.3 | 5.9 | 4.9 | 6.0 | 5.6 | 86.8 | 3.4 | 3.0 | 3.8 | 4.7 | 5.0 | 5.3 | 5.9 | 5.5 | 5.9 | 5.3 | 4.5 | 2.7 | 5.0 |
| LSD VALUE | 0.6 | 2.1 | 0.6 | 1.2 | 0.8 | 0.7 | 6.7 | 2.4 | 2.1 | 1.2 | 1.0 | 1.1 | 1.0 | 0.8 | 0.9 | 0.7 | 0.5 | 0.8 | 3.9 | 0.7 |
| C.V. (%) | 13.2 | 42.1 | 11.8 | 18.0 | 15.6 | 13.1 | 7.1 | 48.6 | 24.8 | 20.4 | 18.0 | 17.9 | 18.7 | 15.0 | 17.0 | 13.4 | 11.0 | 18.6 | 49.9 | 13.9 |

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

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

TABLE 2A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT TUCSON, AZ 1/
2013-17 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | FALL COLOR RATINGS SEPT-DECEMBER | | | | | SEEDHEAD | BALL ROLL RATINGS APRIL-DECEMBER | | | | PERCENT ESTABLISHMENT 2013 | | | | |
|-------------|----------------------------------|---------|----------|----------|-------|----------|----------------------------------|-------|--------|-----------|----------------------------|----------|--------|-----------|----------|
| | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | APRIL | | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | DECEMBER | AUGUST | SEPTEMBER | NOVEMBER |
| 08-T-18 | 5.7 | 5.7 | 5.8 | 2.6 | 8.5 | 97.7 | 74.5 | 79.9 | 81.3 | 76.6 | 56.0 | 60.0 | 30.0 | 90.0 | 98.0 |
| MSB-264 | 6.0 | 5.7 | 6.6 | 4.6 | 5.2 | 87.0 | 75.7 | 77.8 | 80.7 | 76.2 | 63.0 | 64.0 | 68.3 | 99.0 | 99.0 |
| 11-T-861 | 7.0 | 4.3 | 4.2 | 1.8 | 7.8 | 80.3 | 68.7 | 74.2 | 76.3 | 73.9 | 57.0 | 61.3 | 23.3 | 71.7 | 86.7 |
| MSB-285 | 5.7 | 5.7 | 6.9 | 4.6 | 4.5 | 87.3 | 73.3 | 76.7 | 80.0 | 75.3 | 63.0 | 68.7 | 61.7 | 97.7 | 99.0 |
| SUNDAY | 5.0 | 5.0 | 6.6 | 2.1 | 7.8 | 93.7 | 79.2 | 84.2 | 82.3 | 80.0 | 67.3 | 74.7 | 35.0 | 71.7 | 95.0 |
| JK 110521 | 5.3 | 5.8 | 6.0 | 2.3 | 6.7 | 116.7 | 88.2 | 95.7 | 93.0 | 89.8 | 77.0 | 82.0 | 40.0 | 86.7 | 97.0 |
| OKC-1-75-2 | 8.0 | 7.0 | 6.9 | 2.8 | 8.7 | 99.7 | 76.2 | 83.2 | 82.0 | 82.4 | 66.0 | 68.7 | 23.3 | 75.0 | 94.3 |
| FAES 1302 | 6.3 | 5.5 | 6.3 | 2.3 | 6.5 | 113.0 | 87.8 | 94.1 | 84.7 | 89.9 | 90.0 | 90.0 | 26.7 | 66.7 | 90.0 |
| OKC-16-13-8 | 6.7 | 7.5 | 5.8 | 2.4 | 8.3 | 90.7 | 78.0 | 81.9 | 85.3 | 84.1 | 65.7 | 68.0 | 23.3 | 63.3 | 81.7 |
| TIFEAGLE | 7.7 | 5.7 | 5.7 | 2.3 | 5.7 | 102.0 | 91.3 | 94.3 | 96.0 | 89.7 | 78.7 | 82.0 | 30.0 | 70.0 | 93.0 |
| OKC-13-78-5 | 5.3 | 6.0 | 6.6 | 2.2 | 8.2 | 91.3 | 83.3 | 85.9 | 90.0 | 87.8 | 71.3 | 75.3 | 46.7 | 81.3 | 94.3 |
| MINI-VERDE | 6.7 | 5.0 | 5.3 | 1.4 | 6.0 | 111.3 | 102.5 | 102.6 | 113.7 | 99.3 | 89.3 | 94.0 | 23.3 | 56.7 | 88.3 |
| TIFDWARF | 6.3 | 5.3 | 5.8 | 3.1 | 5.5 | 102.7 | 93.2 | 94.8 | 97.7 | 90.8 | 81.7 | 86.0 | 33.3 | 76.7 | 93.3 |
| CTF-B10 | 5.7 | 4.5 | 4.4 | 1.6 | 8.2 | 111.7 | 101.3 | 105.4 | 105.7 | 99.2 | 92.3 | 99.3 | 18.3 | 50.0 | 85.0 |
| CTF-E3 | 6.7 | 6.2 | 5.8 | 2.7 | 6.3 | 105.7 | 94.5 | 98.9 | 99.7 | 90.2 | 87.7 | 88.7 | 16.7 | 25.0 | 63.3 |
| LSD VALUE | 2.0 | 2.6 | 1.3 | 1.7 | 2.2 | 13.5 | 12.5 | 10.9 | 12.7 | 15.7 | 9.4 | 12.8 | 16.7 | 20.2 | 7.7 |
| C.V. (%) | 15.5 | 28.0 | 26.0 | 62.1 | 26.2 | 8.1 | 13.1 | 13.6 | 8.5 | 17.3 | 8.2 | 10.2 | 30.7 | 17.3 | 5.4 |

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

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

TABLE 2B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT TUCSON, AZ 1/
2013-17 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | SPRING DENSITY | SUMMER DENSITY | FALL DENSITY | QUALITY RATINGS | | | | | | | | | | | MEAN |
|-----------|------------------|-------------------|-----------------|-------------------|-------------------|-----------------|-----------------|------|------|------|------|------|------|------|------|------|------|------|
| | | | | | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | |
| DALZ 1304 | 6.3 | 9.0 | 7.3 | 8.0 | 7.3 | 7.7 | 7.0 | 6.3 | 6.7 | 4.7 | 7.7 | 8.3 | 8.3 | 8.0 | 8.3 | 8.3 | 8.0 | 7.4 |
| DALZ 1309 | 7.3 | 8.3 | 9.0 | 7.7 | 9.0 | 9.0 | 6.3 | 5.3 | 6.3 | 6.3 | 5.7 | 8.0 | 8.3 | 8.7 | 8.3 | 8.0 | 8.7 | 7.3 |
| DALZ 1306 | 4.0 | 8.7 | 8.7 | 7.3 | 9.0 | 9.0 | 5.0 | 4.3 | 5.0 | 6.0 | 6.0 | 9.0 | 9.0 | 8.7 | 9.0 | 8.7 | 9.0 | 7.2 |
| DALZ 1305 | 6.7 | 8.3 | 7.0 | 6.7 | 7.0 | 7.3 | 6.0 | 6.3 | 5.3 | 5.0 | 5.3 | 7.3 | 8.0 | 8.0 | 7.3 | 7.0 | 7.3 | 6.6 |
| FAES 1301 | 6.0 | 8.0 | 9.0 | 8.7 | 8.0 | 7.7 | 5.0 | 6.0 | 5.7 | 7.0 | 5.7 | 7.7 | 7.7 | 7.0 | 7.7 | 7.7 | 5.7 | 6.6 |
| DIAMOND | 5.3 | 9.0 | 7.7 | 7.7 | 7.3 | 8.0 | 5.0 | 6.0 | 6.7 | 5.7 | 6.7 | 7.7 | 7.7 | 7.0 | 6.7 | 5.7 | 7.3 | 6.5 |
| L1F | 5.7 | 7.0 | 7.3 | 5.7 | 7.7 | 7.7 | 5.0 | 4.0 | 4.7 | 6.3 | 4.7 | 8.0 | 7.3 | 6.3 | 7.3 | 7.3 | 7.3 | 6.2 |
| DALZ 1307 | 6.7 | 6.3 | 8.0 | 6.3 | 7.7 | 8.3 | 4.7 | 3.7 | 5.0 | 3.0 | 4.7 | 7.3 | 8.0 | 8.0 | 7.3 | 7.7 | 8.0 | 6.1 |
| DALZ 1308 | 4.0 | 8.0 | 8.0 | 6.3 | 7.5 | 7.7 | 4.0 | 3.7 | 4.3 | 5.3 | 5.0 | 5.7 | 6.7 | 7.0 | 7.0 | 6.0 | 7.0 | 5.6 |
| ZOYSIU | 6.0 | 1.3 | 6.3 | 6.3 | 6.7 | 7.0 | 1.0 | 1.3 | 2.3 | 6.7 | 6.0 | 7.7 | 7.0 | 5.7 | 6.3 | 6.0 | 6.3 | 5.1 |
| 10-TZ-74 | 5.0 | 7.0 | 8.0 | 3.7 | 4.7 | 6.3 | 1.7 | 2.3 | 3.3 | 4.0 | 3.7 | 4.0 | 4.7 | 4.3 | 5.3 | 4.7 | 5.3 | 3.9 |
| LSD VALUE | 1.2 | 2.2 | 0.8 | 1.4 | 1.7 | 1.7 | 1.6 | 1.6 | 2.0 | 2.1 | 1.8 | 2.7 | 1.8 | 1.5 | 1.8 | 1.4 | 1.6 | 1.2 |
| C.V. (%) | 12.1 | 18.2 | 6.3 | 12.8 | 12.5 | 10.6 | 21.9 | 22.1 | 22.4 | 20.2 | 17.6 | 18.7 | 13.2 | 12.6 | 12.8 | 12.1 | 12.4 | 11.2 |

TABLE 2B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT TUCSON, AZ 1/
2013-17 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | PERCENT GROUND COVER | | | WINTER COLOR | FALL COLOR RATINGS SEPTEMBER-DECEMBER | | | | SEEDHEAD |
|-----------|----------------------|--------|------|-----------------|---------------------------------------|---------|----------|----------|----------|
| | SPRING | SUMMER | FALL | | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | |
| DALZ 1304 | 98.0 | 98.7 | 99.0 | 5.7 | 6.3 | 5.3 | 6.3 | 5.7 | 5.0 |
| DALZ 1309 | 91.0 | 96.0 | 98.7 | 4.7 | 7.3 | 6.0 | 5.3 | 4.7 | 4.3 |
| DALZ 1306 | 93.3 | 99.0 | 99.0 | 4.7 | 4.0 | 4.3 | 5.3 | 4.7 | 3.3 |
| DALZ 1305 | 89.0 | 99.0 | 98.7 | 6.0 | 6.7 | 6.0 | 6.7 | 6.0 | 4.7 |
| FAES 1301 | 86.7 | 88.0 | 94.3 | 5.0 | 6.0 | 6.3 | 6.0 | 5.0 | 1.7 |
| DIAMOND | 98.0 | 99.0 | 98.3 | 6.0 | 5.3 | 6.3 | 6.3 | 6.0 | 3.7 |
| L1F | 75.0 | 99.0 | 98.7 | 5.0 | 5.7 | 5.3 | 4.7 | 5.0 | 1.0 |
| DALZ 1307 | 62.3 | 96.7 | 66.7 | 6.0 | 6.7 | 6.7 | 6.3 | 6.0 | 6.0 |
| DALZ 1308 | 86.0 | 96.7 | 96.7 | 6.7 | 4.0 | 6.0 | 5.7 | 6.7 | 4.0 |
| ZOYSIU | 6.7 | 99.0 | 98.3 | 4.7 | 6.0 | 6.3 | 6.0 | 4.7 | 2.0 |
| 10-TZ-74 | 50.0 | 87.0 | 91.7 | 5.7 | 5.0 | 5.7 | 6.0 | 5.7 | 4.7 |
| LSD VALUE | 31.9 | 7.9 | 40.1 | 0.9 | 1.2 | 2.0 | 1.3 | 0.9 | 2.8 |
| C.V. (%) | 24.8 | 4.3 | 16.6 | 9.4 | 12.1 | 14.9 | 10.9 | 9.4 | 40.5 |

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 2B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT TUCSON, AZ 1/
2013-17 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | PERCENT WEEDS | LARGE PATCH DISEASE | BALL ROLL MEASUREMENTS | | | | DROUGHT WILTING |
|-----------|------------------|------------------------|------------------------|------|---------|----------|--------------------|
| | | | MAY | JUNE | OCTOBER | DECEMBER | |
| DALZ 1304 | 1.7 | 9.0 | 92.3 | 76.0 | 75.7 | 97.0 | 9.0 |
| DALZ 1309 | 0.7 | 6.0 | 88.0 | 77.3 | 93.0 | 100.0 | 9.0 |
| DALZ 1306 | 0.3 | 6.3 | 98.0 | 76.0 | 80.7 | 101.3 | 9.0 |
| DALZ 1305 | 0.3 | 6.7 | 89.0 | 80.3 | 85.7 | 100.3 | 9.0 |
| FAES 1301 | 2.0 | 6.0 | 76.3 | 73.3 | 73.0 | 85.0 | 8.3 |
| DIAMOND | 1.3 | 5.7 | 88.3 | 76.7 | 73.3 | 93.3 | 7.3 |
| L1F | 0.7 | 4.7 | 83.0 | 81.5 | 75.7 | 98.3 | 8.3 |
| DALZ 1307 | 2.3 | 6.7 | 87.7 | 82.3 | 82.7 | 98.3 | 9.0 |
| DALZ 1308 | 2.0 | 6.3 | 105.0 | 84.0 | 90.0 | 104.0 | 7.3 |
| ZOYSIU | 6.7 | 9.0 | 83.7 | 68.3 | 72.0 | 104.7 | 5.7 |
| 10-TZ-74 | 3.7 | 9.0 | 95.0 | 84.3 | 84.0 | 93.7 | 6.0 |
| LSD VALUE | 3.0 | 5.8 | 8.8 | 7.7 | 10.7 | 13.5 | 1.8 |
| C.V. (%) | 82.5 | 33.8 | 5.8 | 5.2 | 7.4 | 6.6 | 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 2C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF SEASHORE PASPALUM CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT TUCSON, AZ 1/
2013-17 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | SPRING DENSITY | SUMMER DENSITY | FALL DENSITY | QUALITY RATINGS | | | | | | | | | | | MEAN |
|-----------|------------------|-------------------|-----------------|-------------------|-------------------|-----------------|-----------------|------|-----|-----|------|-----|-----|-----|-----|-----|------|------|
| | | | | | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | |
| SEADWARF | 5.3 | 1.0 | 4.3 | 1.0 | 5.3 | 6.0 | 2.0 | 1.3 | 1.3 | 3.0 | 2.0 | 6.0 | 6.0 | 6.0 | 6.3 | 6.0 | 6.3 | 4.2 |
| UGA 1743 | 5.7 | 1.0 | 4.7 | 1.0 | 6.0 | 5.7 | 1.7 | 1.0 | 1.3 | 2.0 | 1.7 | 5.7 | 6.0 | 6.0 | 6.0 | 4.3 | 6.3 | 3.8 |
| LSD VALUE | 1.2 | 2.2 | 0.8 | 1.4 | 1.7 | 1.7 | 1.6 | 1.6 | 2.0 | 2.1 | 1.8 | 2.7 | 1.8 | 1.5 | 1.8 | 1.4 | 1.6 | 1.2 |
| C.V. (%) | 14.8 | 0.0 | 9.1 | 0.0 | 19.1 | 7.0 | 22.3 | 35.0 | 0.0 | 0.0 | 22.3 | 7.0 | 0.0 | 0.0 | 6.6 | 7.9 | 11.2 | 2.4 |

TABLE 2C.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF SEASHORE PASPALUM CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT TUCSON, AZ 1/
2013-17 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | PERCENT GROUND COVER | | | WINTER COLOR | FALL COLOR RATINGS | | SEPTEMBER-DECEMBER | | SEEDHEAD |
|-----------|----------------------|--------|------|-----------------|--------------------|---------|--------------------|----------|----------|
| | SPRING | SUMMER | FALL | | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | |
| SEADWARF | 3.3 | 99.0 | 95.7 | 6.0 | 5.3 | 5.7 | 6.7 | 6.0 | 1.0 |
| UGA 1743 | 1.3 | 96.0 | 83.3 | 6.7 | 5.7 | 5.7 | 6.7 | 6.7 | 1.0 |
| LSD VALUE | 31.9 | 7.9 | 40.1 | 0.9 | 1.2 | 2.0 | 1.3 | 0.9 | 2.8 |
| C.V. (%) | 52.5 | 3.8 | 5.4 | 12.9 | 14.8 | 12.5 | 0.0 | 12.9 | 0.0 |

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 2C.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF SEASHORE PASPALUM CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT TUCSON, AZ 1/
2013-17 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | PERCENT WEEDS | LARGE PATCH DISEASE | BALL ROLL MEASUREMENTS | | | | DROUGHT WILTING |
|-----------|------------------|------------------------|------------------------|------|---------|----------|--------------------|
| | | | MAY | JUNE | OCTOBER | DECEMBER | |
| SEADWARF | 13.3 | 9.0 | 92.0 | 79.3 | 72.0 | 96.0 | 9.0 |
| UGA 1743 | 6.0 | 6.3 | 94.0 | 81.7 | 73.0 | 96.7 | 9.0 |
| LSD VALUE | 3.0 | 5.8 | 8.8 | 7.7 | 10.7 | 13.5 | 1.8 |
| C.V. (%) | 18.4 | 42.6 | 1.5 | 2.7 | 3.9 | 2.8 | 0.0 |

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 3A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT RANCHO MIRAGE, CA (TAMARISK C.C.) 1/
2014-17 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | QUALITY RATINGS | | | | | | | | | | | | MEAN |
|-------------|------------------|-------------------|-----------------|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| 11-T-861 | 7.1 | 7.3 | 6.0 | 4.6 | 5.4 | 5.3 | 5.2 | 6.3 | 6.0 | 6.6 | 6.1 | 6.1 | 5.4 | 4.5 | 4.5 | 5.5 |
| OKC-16-13-8 | 7.9 | 6.7 | 6.6 | 4.3 | 6.3 | 5.5 | 5.3 | 6.2 | 6.2 | 5.7 | 4.8 | 5.3 | 5.0 | 4.3 | 4.1 | 5.2 |
| SUNDAY | 6.3 | 8.0 | 7.0 | 4.5 | 6.3 | 5.9 | 6.1 | 5.9 | 5.8 | 5.5 | 4.0 | 4.4 | 4.3 | 5.1 | 4.8 | 5.2 |
| 08-T-18 | 7.0 | 8.0 | 8.0 | 4.1 | 5.2 | 4.6 | 6.0 | 6.4 | 5.8 | 5.9 | 4.6 | 4.6 | 4.5 | 3.8 | 3.5 | 4.9 |
| MSB-285 | 7.3 | 9.0 | 7.0 | 5.3 | 6.0 | 5.1 | 6.0 | 6.3 | 5.2 | 5.2 | 3.9 | 4.5 | 4.3 | 3.9 | 3.4 | 4.9 |
| TIFDWARF | 7.3 | 6.3 | 6.8 | 4.8 | 4.7 | 4.9 | 3.9 | 5.7 | 5.3 | 5.8 | 4.4 | 5.2 | 5.0 | 4.7 | 4.2 | 4.9 |
| MSB-264 | 7.4 | 9.0 | 7.0 | 5.3 | 6.1 | 4.8 | 6.3 | 6.1 | 5.0 | 5.1 | 3.9 | 4.8 | 4.2 | 3.4 | 2.9 | 4.8 |
| OKC-13-78-5 | 7.7 | 7.7 | 6.7 | 3.5 | 5.9 | 4.8 | 5.3 | 6.6 | 5.3 | 4.9 | 3.7 | 4.3 | 4.6 | 4.7 | 4.3 | 4.8 |
| JK 110521 | 6.6 | 7.7 | 6.0 | 4.3 | 5.8 | 5.8 | 4.9 | 4.3 | 5.3 | 5.7 | 3.9 | 3.9 | 3.5 | 4.0 | 3.5 | 4.6 |
| OKC-1-75-2 | 7.8 | 8.3 | 5.7 | 4.7 | 5.9 | 5.3 | 5.8 | 6.8 | 4.9 | 4.5 | 3.5 | 3.5 | 3.6 | 3.5 | 3.5 | 4.6 |
| TIFEAGLE | 6.6 | 7.0 | 6.6 | 4.1 | 5.3 | 5.4 | 4.8 | 5.3 | 5.5 | 5.3 | 3.9 | 4.3 | 3.8 | 4.3 | 3.8 | 4.6 |
| FAES 1302 | 6.3 | 7.3 | 7.7 | 5.2 | 5.9 | 5.3 | 5.0 | 4.4 | 4.7 | 4.6 | 3.2 | 3.3 | 3.8 | 3.8 | 3.3 | 4.4 |
| MINI-VERDE | 6.9 | 6.0 | 7.8 | 3.4 | 4.9 | 4.7 | 4.1 | 4.7 | 4.8 | 4.7 | 3.7 | 3.5 | 3.3 | 3.7 | 3.4 | 4.1 |
| CTF-B10 | 5.9 | 6.7 | 6.2 | 2.9 | 3.7 | 4.6 | 4.3 | 3.4 | 4.7 | 5.0 | 3.5 | 4.4 | 3.8 | 4.0 | 3.4 | 4.0 |
| CTF-E3 | 7.5 | 5.3 | 7.7 | 2.2 | 3.2 | 3.5 | 3.0 | 2.8 | 2.8 | 2.7 | 1.4 | 1.3 | 1.3 | 1.4 | 1.8 | 2.3 |
| LSD VALUE | 0.5 | 0.5 | 0.5 | 0.9 | 1.5 | 2.2 | 1.3 | 1.0 | 1.1 | 1.3 | 1.2 | 1.0 | 1.1 | 1.1 | 0.9 | 0.6 |
| C.V. (%) | 9.1 | 6.2 | 10.2 | 27.0 | 32.1 | 35.1 | 32.1 | 25.5 | 26.2 | 31.2 | 39.9 | 29.9 | 33.8 | 35.9 | 30.2 | 18.3 |

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 3A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT RANCHO MIRAGE, CA (TAMARISK C.C.) 1/
2014-17 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | SPRING DENSITY | SUMMER DENSITY | FALL DENSITY | PERCENT COVER SPRING | PERCENT COVER SUMMER | PERCENT COVER FALL | WINTER COLOR | BALL ROLL MEASUREMENTS | | |
|-------------|-------------------|-------------------|-----------------|----------------------------|----------------------------|--------------------------|-----------------|------------------------|-----------|---------|
| | | | | | | | | AUGUST | SEPTEMBER | OCTOBER |
| 11-T-861 | 5.0 | 6.7 | 5.8 | 79.9 | 93.3 | 84.8 | 5.3 | 54.9 | 57.3 | 51.0 |
| OKC-16-13-8 | 4.7 | 5.8 | 5.5 | 79.0 | 85.0 | 72.5 | 5.4 | 56.2 | 55.0 | 58.7 |
| SUNDAY | 6.3 | 6.5 | 5.2 | 82.2 | 90.0 | 65.8 | 5.8 | 70.9 | 67.3 | 75.0 |
| 08-T-18 | 7.3 | 7.0 | 4.2 | 85.8 | 93.3 | 74.7 | 5.1 | 56.4 | 53.0 | 53.5 |
| MSB-285 | 7.7 | 7.3 | 5.0 | 87.6 | 96.3 | 69.2 | 5.4 | 54.4 | 52.7 | 57.5 |
| TIFDWARF | 4.3 | 6.5 | 5.5 | 62.9 | 73.3 | 58.2 | 4.7 | 63.3 | 62.3 | 67.7 |
| MSB-264 | 8.0 | 6.8 | 4.3 | 83.7 | 93.0 | 64.7 | 5.3 | 64.4 | 59.3 | 65.7 |
| OKC-13-78-5 | 5.3 | 6.7 | 4.8 | 77.3 | 97.0 | 67.2 | 5.4 | 58.0 | 59.3 | 63.5 |
| JK 110521 | 6.7 | 5.3 | 2.3 | 78.3 | 76.7 | 45.0 | 5.3 | 86.0 | 79.0 | 75.3 |
| OKC-1-75-2 | 6.7 | 6.8 | 4.0 | 76.2 | 83.3 | 43.3 | 5.3 | 59.3 | 59.7 | 62.7 |
| TIFEAGLE | 5.7 | 6.0 | 4.2 | 69.9 | 80.0 | 43.3 | 4.8 | 62.0 | 69.0 | 67.5 |
| FAES 1302 | 6.3 | 5.3 | 3.0 | 71.7 | 81.7 | 50.0 | 5.3 | 76.4 | 74.3 | 77.7 |
| MINI-VERDE | 4.7 | 5.5 | 3.2 | 67.1 | 76.7 | 40.0 | 4.8 | 87.3 | 83.7 | 83.7 |
| CTF-B10 | 6.0 | 5.0 | 3.5 | 62.0 | 61.7 | 42.2 | 4.8 | 63.6 | 66.3 | 65.0 |
| CTF-E3 | 4.7 | 4.5 | 1.8 | 36.7 | 66.7 | 11.7 | 2.3 | 73.0 | 80.0 | 56.0 |
| LSD VALUE | 0.7 | 1.4 | 3.2 | 19.7 | 12.4 | 32.8 | 2.2 | 12.7 | 16.0 | 14.2 |
| C.V. (%) | 10.6 | 18.3 | 50.7 | 31.8 | 13.3 | 46.7 | 40.9 | 20.9 | 19.5 | 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.

TABLE 3B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT RANCHO MIRAGE, CA (TAMARISK C.C.) 1/
2014-17 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | QUALITY RATINGS | | | | | | | | | | | | MEAN |
|-----------|------------------|-------------------|-----------------|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| L1F | 7.3 | 8.3 | 6.4 | 4.9 | 6.0 | 6.3 | 7.2 | 7.3 | 6.8 | 6.2 | 5.6 | 4.8 | 5.3 | 5.4 | 5.0 | 5.9 |
| DIAMOND | 7.2 | 8.0 | 7.0 | 4.2 | 5.7 | 5.6 | 6.7 | 6.8 | 6.8 | 6.6 | 5.9 | 5.2 | 5.0 | 5.0 | 4.6 | 5.7 |
| DALZ 1308 | 6.9 | 7.0 | 7.7 | 4.1 | 5.4 | 6.1 | 5.8 | 6.1 | 6.3 | 6.0 | 5.8 | 5.3 | 5.3 | 5.2 | 5.1 | 5.5 |
| DALZ 1309 | 7.0 | 6.0 | 7.7 | 3.8 | 5.5 | 5.1 | 6.5 | 5.3 | 6.3 | 5.8 | 5.5 | 6.2 | 5.5 | 5.3 | 4.8 | 5.5 |
| DALZ 1305 | 7.2 | 8.0 | 8.6 | 4.4 | 5.8 | 5.7 | 6.1 | 5.8 | 6.2 | 5.5 | 5.1 | 5.0 | 4.9 | 5.4 | 4.9 | 5.4 |
| ZOYSIU | 6.5 | 8.7 | 7.7 | 3.7 | 4.8 | 5.3 | 7.0 | 6.3 | 6.3 | 5.7 | 5.2 | 4.7 | 4.8 | 5.7 | 5.0 | 5.4 |
| DALZ 1306 | 7.1 | 5.0 | 8.0 | 3.9 | 4.5 | 5.3 | 6.0 | 4.5 | 5.5 | 5.5 | 5.6 | 6.0 | 6.3 | 5.3 | 5.3 | 5.3 |
| DALZ 1307 | 7.0 | 6.3 | 6.7 | 3.4 | 4.3 | 4.5 | 6.4 | 5.5 | 6.3 | 5.9 | 5.5 | 5.8 | 5.4 | 5.4 | 5.1 | 5.3 |
| DALZ 1304 | 7.0 | 7.3 | 6.3 | 3.8 | 5.1 | 5.4 | 5.9 | 5.9 | 6.3 | 6.2 | 5.5 | 4.6 | 4.6 | 4.7 | 4.5 | 5.2 |
| 10-TZ-74 | 6.6 | 5.3 | 6.7 | 3.7 | 4.8 | 4.7 | 4.7 | 4.4 | 4.5 | 4.8 | 4.4 | 5.0 | 5.1 | 5.1 | 4.5 | 4.6 |
| FAES 1301 | 6.7 | 7.3 | 7.6 | 4.3 | 5.1 | 4.8 | 5.2 | 4.8 | 4.9 | 4.8 | 4.5 | 4.0 | 3.9 | 4.3 | 4.7 | 4.6 |
| LSD VALUE | 0.3 | 0.9 | 0.4 | 2.0 | 1.0 | 1.1 | 1.0 | 0.9 | 1.2 | 1.5 | 1.2 | 1.5 | 1.5 | 1.6 | 2.1 | 0.6 |
| C.V. (%) | 5.5 | 12.1 | 7.1 | 36.2 | 21.1 | 22.3 | 19.7 | 21.5 | 23.3 | 24.4 | 22.4 | 29.5 | 28.4 | 24.3 | 26.9 | 13.5 |

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 3B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT RANCHO MIRAGE, CA (TAMARISK C.C.) 1/
2014-17 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | SPRING DENSITY | SUMMER DENSITY | FALL DENSITY | PERCENT COVER SPRING | PERCENT COVER SUMMER | PERCENT COVER FALL | WINTER COLOR | BALL ROLL MEASUREMENTS | | |
|-----------|-------------------|-------------------|-----------------|----------------------------|----------------------------|--------------------------|-----------------|------------------------|-----------|---------|
| | | | | | | | | AUGUST | SEPTEMBER | OCTOBER |
| L1F | 7.0 | 7.2 | 5.3 | 89.6 | 89.7 | 64.3 | 6.3 | 59.6 | 60.3 | 63.0 |
| DIAMOND | 7.7 | 7.2 | 5.0 | 91.8 | 86.7 | 72.0 | 6.5 | 58.7 | 56.0 | 63.5 |
| DALZ 1308 | 8.0 | 7.0 | 5.8 | 81.0 | 71.7 | 75.3 | 6.6 | 59.6 | 60.3 | 68.0 |
| DALZ 1309 | 7.3 | 6.7 | 6.3 | 81.2 | 73.3 | 88.8 | 6.3 | 66.7 | 76.7 | 69.2 |
| DALZ 1305 | 6.3 | 6.0 | 5.0 | 94.4 | 81.7 | 69.7 | 6.2 | 60.9 | 51.7 | 62.7 |
| ZOYSIU | 7.3 | 6.3 | 5.0 | 94.3 | 97.7 | 57.8 | 6.3 | 61.1 | 56.0 | 59.3 |
| DALZ 1306 | 6.7 | 5.5 | 6.0 | 73.0 | 40.0 | 92.8 | 6.3 | 63.1 | 59.3 | 72.0 |
| DALZ 1307 | 6.7 | 6.3 | 6.3 | 77.4 | 76.7 | 73.8 | 6.7 | 60.0 | 63.0 | 62.5 |
| DALZ 1304 | 7.3 | 6.2 | 4.2 | 81.5 | 90.0 | 63.0 | 6.5 | 58.0 | 53.3 | 60.5 |
| 10-TZ-74 | 5.0 | 3.7 | 4.7 | 72.1 | 43.3 | 69.5 | 6.4 | 62.0 | 60.3 | 69.8 |
| FAES 1301 | 7.0 | 5.8 | 3.3 | 69.2 | 63.3 | 53.3 | 6.3 | 56.0 | 60.0 | 51.7 |
| LSD VALUE | 1.2 | 1.8 | 2.3 | 14.1 | 12.2 | 63.6 | 1.3 | 16.3 | 20.8 | 12.2 |
| C.V. (%) | 14.5 | 23.0 | 30.7 | 20.1 | 15.6 | 44.8 | 12.2 | 16.0 | 21.5 | 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.

TABLE 3C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF SEASHORE PASPALUM CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT RANCHO MIRAGE, CA (TAMARISK C.C.) 1/
2014-17 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | QUALITY RATINGS | | | | | | | | | | | | MEAN |
|-----------|------------------|-------------------|-----------------|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| SEADWARF | 7.4 | 9.0 | 6.7 | 5.8 | 5.8 | 6.4 | 7.6 | 7.7 | 7.2 | 6.3 | 4.3 | 4.3 | 3.6 | 4.9 | 4.4 | 5.7 |
| UGA 1743 | 7.4 | 9.0 | 6.4 | 5.3 | 5.7 | 6.2 | 6.9 | 7.2 | 6.5 | 6.2 | 4.5 | 4.3 | 3.6 | 3.4 | 3.3 | 5.3 |
| LSD VALUE | 0.3 | 0.9 | 0.4 | 2.0 | 1.0 | 1.1 | 1.0 | 0.9 | 1.2 | 1.5 | 1.2 | 1.5 | 1.5 | 1.6 | 2.1 | 0.6 |
| C.V. (%) | 11.2 | 0.0 | 5.4 | 17.4 | 20.4 | 28.1 | 24.9 | 18.2 | 19.8 | 22.4 | 51.5 | 35.6 | 42.6 | 30.0 | 25.4 | 10.0 |

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

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

TABLE 3C.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF SEASHORE PASPALUM CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT RANCHO MIRAGE, CA (TAMARISK C.C.) 1/
2014-17 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | SPRING DENSITY | SUMMER DENSITY | FALL DENSITY | PERCENT COVER | | | WINTER COLOR | BALL ROLL MEASUREMENTS | | |
|-----------|-------------------|-------------------|-----------------|------------------|--------|------|-----------------|------------------------|-----------|---------|
| | | | | SPRING | SUMMER | FALL | | AUGUST | SEPTEMBER | OCTOBER |
| SEADWARF | 9.0 | 7.8 | 2.7 | 96.1 | 96.3 | 51.7 | 5.7 | 51.6 | 59.3 | 51.5 |
| UGA 1743 | 8.7 | 6.8 | 3.2 | 92.5 | 96.3 | 45.0 | 5.7 | 63.3 | 74.0 | 54.7 |
| LSD VALUE | 1.2 | 1.8 | 2.3 | 14.1 | 12.2 | 63.6 | 1.3 | 16.3 | 20.8 | 12.2 |
| C.V. (%) | 3.3 | 24.3 | 58.8 | 6.9 | 2.1 | 93.2 | 25.0 | 11.2 | 34.9 | 14.1 |

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

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

TABLE 4A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT JAY, FL 1/
2013-17 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | GENETIC COLOR | SPRING GREENUP | SPRING DENSITY | SUMMER DENSITY | FALL DENSITY | WINTER COLOR | APR | MAY | JUN | QUALITY RATINGS | | | | | MEAN |
|-------------|------------------|-------------------|-------------------|-------------------|-----------------|-----------------|------|------|------|-----------------|------|------|------|------|------|
| | | | | | | | | | | JUL | AUG | SEP | OCT | NOV | |
| 08-T-18 | 6.3 | 6.3 | 5.8 | 7.4 | 5.8 | 7.3 | 5.4 | 6.0 | 6.7 | 6.7 | 5.2 | 5.7 | 5.8 | 5.3 | 6.0 |
| TIFEAGLE | 6.8 | 7.3 | 6.4 | 6.5 | 5.8 | 7.3 | 5.9 | 5.2 | 5.8 | 6.3 | 6.3 | 5.8 | 6.1 | 5.3 | 6.0 |
| MINI-VERDE | 6.8 | 7.1 | 6.3 | 6.6 | 6.1 | 7.0 | 6.1 | 5.2 | 6.2 | 6.2 | 6.3 | 5.7 | 5.7 | 5.3 | 5.9 |
| MSB-264 | 6.8 | 6.8 | 5.8 | 6.7 | 5.8 | 6.7 | 6.0 | 6.0 | 6.0 | 6.3 | 4.8 | 5.1 | 6.5 | 5.3 | 5.9 |
| SUNDAY | 5.5 | 6.8 | 6.1 | 6.3 | 5.9 | 6.0 | 5.2 | 5.2 | 6.0 | 6.4 | 6.3 | 5.8 | 5.4 | 5.3 | 5.9 |
| JK 110521 | 6.3 | 6.7 | 5.8 | 6.7 | 5.8 | 7.3 | 5.0 | 5.0 | 5.8 | 6.3 | 6.3 | 5.7 | 5.6 | 5.3 | 5.8 |
| MSB-285 | 6.8 | 6.9 | 5.9 | 6.3 | 5.8 | 7.0 | 6.1 | 5.8 | 6.2 | 6.2 | 4.9 | 5.1 | 6.2 | 5.0 | 5.8 |
| OKC-13-78-5 | 7.0 | 6.0 | 5.7 | 6.3 | 5.3 | 7.3 | 6.2 | 6.0 | 7.0 | 5.8 | 5.1 | 5.3 | 5.6 | 4.0 | 5.8 |
| 11-T-861 | 6.8 | 6.7 | 5.7 | 6.3 | 6.0 | 5.3 | 5.9 | 5.1 | 6.1 | 5.9 | 5.8 | 5.8 | 5.8 | 4.0 | 5.7 |
| FAES 1302 | 6.1 | 6.9 | 5.7 | 6.2 | 5.9 | 6.7 | 5.0 | 4.8 | 5.7 | 6.1 | 6.3 | 5.5 | 5.9 | 5.0 | 5.7 |
| TIFDWARF | 6.8 | 6.3 | 5.7 | 5.7 | 5.5 | 7.0 | 5.2 | 5.0 | 5.9 | 5.7 | 5.6 | 5.4 | 5.3 | 4.0 | 5.5 |
| CTF-B10 | 6.3 | 6.5 | 5.7 | 6.4 | 5.8 | 6.7 | 4.9 | 4.2 | 5.0 | 5.6 | 6.2 | 5.3 | 5.5 | 5.0 | 5.4 |
| OKC-1-75-2 | 6.7 | 5.9 | 5.0 | 5.4 | 4.4 | 7.0 | 5.3 | 5.0 | 5.9 | 4.9 | 4.3 | 4.5 | 5.1 | 3.3 | 5.1 |
| OKC-16-13-8 | 7.1 | 5.8 | 5.0 | 6.0 | 4.5 | 7.3 | 4.8 | 5.2 | 6.3 | 5.9 | 4.3 | 4.4 | 4.5 | 3.7 | 5.1 |
| CTF-E3 | 5.9 | 5.3 | 4.7 | 5.5 | 5.9 | 6.7 | 3.9 | 4.1 | 4.6 | 5.0 | 4.9 | 5.3 | 5.4 | 4.7 | 4.9 |
| LSD VALUE | 1.0 | 2.0 | 2.5 | 0.8 | 0.8 | 1.5 | 1.5 | 1.0 | 1.9 | 1.3 | 1.0 | 1.4 | 1.4 | 1.1 | 0.7 |
| C.V. (%) | 16.0 | 25.1 | 25.8 | 15.4 | 17.3 | 10.2 | 24.4 | 19.5 | 23.5 | 20.5 | 21.7 | 22.6 | 22.1 | 12.8 | 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 4A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT JAY, FL 1/
2013-17 DATA

| NAME | TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ BALL ROLL MEASURED IN INCHES | | | SPRING COLOR | BALL ROLL 2014 | BALL ROLL MAY | BALL ROLL JUNE | BALL ROLL JULY | BALL ROLL AUGUST | BALL ROLL OCTOBER | PERCENT ESTABLISHMENT | |
|-------------|--|--------------------------|----------|-----------------|-------------------|------------------|-------------------|-------------------|---------------------|----------------------|-----------------------|---------------|
| | FALL COLOR SEPTEMBER | SEPT-NOVEMBER OCTOBER | NOVEMBER | | | | | | | | 2013 OCTOBER | 2014 APRIL |
| 08-T-18 | 6.6 | 6.1 | 7.0 | 5.3 | 75.0 | 69.7 | 66.3 | 70.3 | 67.7 | 92.0 | 75.0 | 90.0 |
| TIFEAGLE | 6.6 | 5.9 | 6.7 | 6.0 | 85.2 | 83.7 | 74.0 | 79.3 | 78.7 | 103.3 | 51.7 | 85.0 |
| MINI-VERDE | 7.1 | 6.1 | 7.0 | 7.3 | 89.2 | 82.7 | 82.7 | 82.3 | 78.7 | 96.0 | 51.7 | 73.3 |
| MSB-264 | 6.8 | 6.7 | 6.0 | 6.7 | 81.3 | 77.0 | 67.0 | 70.0 | 71.3 | 89.3 | 66.7 | 88.3 |
| SUNDAY | 5.0 | 5.1 | 4.0 | 4.7 | 84.5 | 77.3 | 76.0 | 77.3 | 75.3 | 98.7 | 63.3 | 86.7 |
| JK 110521 | 5.9 | 5.3 | 5.3 | 5.7 | 81.8 | 79.7 | 78.0 | 76.7 | 74.7 | 99.3 | 73.3 | 86.7 |
| MSB-285 | 7.1 | 6.7 | 6.7 | 7.3 | 77.2 | 72.7 | 64.7 | 65.3 | 65.3 | 83.3 | 75.0 | 88.3 |
| OKC-13-78-5 | 6.4 | 6.1 | 4.3 | 7.3 | 78.7 | 70.7 | 61.3 | 65.0 | 67.3 | 89.3 | 80.0 | 91.7 |
| 11-T-861 | 6.6 | 5.9 | 5.7 | 7.0 | 71.5 | 70.0 | 66.0 | 67.0 | 68.7 | 88.7 | 68.3 | 86.7 |
| FAES 1302 | 6.1 | 5.1 | 6.7 | 5.7 | 84.7 | 84.3 | 80.7 | 84.0 | 80.0 | 102.0 | 63.3 | 86.7 |
| TIFDWARF | 7.0 | 6.3 | 6.0 | 5.7 | 85.5 | 82.0 | 77.0 | 76.0 | 72.7 | 96.7 | 63.3 | 80.0 |
| CTF-B10 | 6.6 | 5.3 | 7.0 | 6.0 | 89.5 | 86.0 | 85.3 | 82.7 | 76.7 | 100.7 | 48.3 | 73.3 |
| OKC-1-75-2 | 6.1 | 6.3 | 4.0 | 7.3 | 74.3 | 65.3 | 60.0 | 65.0 | 66.7 | 81.3 | 73.3 | 86.7 |
| OKC-16-13-8 | 6.2 | 5.6 | 4.0 | 7.3 | 79.5 | 74.7 | 63.0 | 69.3 | 69.0 | 88.3 | 78.3 | 91.7 |
| CTF-E3 | 6.0 | 5.3 | 6.3 | 5.0 | 80.2 | 82.3 | 80.7 | 83.3 | 80.0 | 98.0 | 41.7 | 73.3 |
| LSD VALUE | 0.9 | 1.0 | 1.5 | 1.1 | 9.3 | 7.2 | 8.4 | 6.9 | 5.8 | 8.2 | 23.7 | 8.1 |
| C.V. (%) | 14.2 | 21.5 | 15.7 | 10.4 | 9.1 | 5.7 | 7.2 | 5.8 | 4.8 | 5.2 | 18.8 | 5.7 |

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

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

TABLE 4B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT JAY, FL 1/
2013-17 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL SPEED MEASURED IN INCHES

| NAME | GENETIC COLOR | SPRING GREENUP | SPRING DENSITY | SUMMER DENSITY | FALL DENSITY | WINTER COLOR | FALL COLOR RATINGS | | | APR | MAY | JUN | QUALITY RATINGS | | | | MEAN | |
|-----------|------------------|-------------------|-------------------|-------------------|-----------------|-----------------|--------------------|---------|----------|------|------|------|-----------------|------|------|------|------|-----|
| | | | | | | | SEPTEMBER | OCTOBER | NOVEMBER | | | | JUL | AUG | SEP | OCT | | NOV |
| FAES 1301 | 6.8 | 7.7 | 6.8 | 7.4 | 7.5 | 6.7 | 6.9 | 6.7 | 7.3 | 6.1 | 6.9 | 6.6 | 7.1 | 7.6 | 6.7 | 6.8 | 6.7 | 6.8 |
| ZOYSIU | 7.0 | 6.8 | 6.4 | 6.8 | 6.5 | 4.0 | 6.2 | 6.7 | 6.7 | 7.0 | 7.2 | 6.9 | 7.1 | 6.9 | 6.5 | 6.9 | 6.7 | 6.8 |
| DALZ 1306 | 6.3 | 7.5 | 6.6 | 7.2 | 6.9 | 4.0 | 6.2 | 6.2 | 5.3 | 6.0 | 6.0 | 7.2 | 7.1 | 7.1 | 7.0 | 6.7 | 6.3 | 6.7 |
| DALZ 1305 | 7.7 | 7.4 | 6.3 | 6.8 | 6.6 | 5.7 | 7.2 | 6.9 | 5.7 | 5.1 | 6.2 | 7.2 | 7.2 | 6.6 | 6.8 | 7.0 | 6.3 | 6.6 |
| L1F | 7.2 | 7.3 | 6.3 | 7.1 | 6.8 | 4.3 | 6.3 | 6.2 | 5.3 | 5.8 | 6.2 | 7.1 | 7.0 | 6.8 | 6.9 | 6.6 | 6.0 | 6.6 |
| DALZ 1304 | 7.5 | 6.3 | 6.9 | 6.9 | 6.8 | 5.3 | 7.0 | 6.9 | 7.0 | 4.0 | 6.1 | 6.8 | 7.1 | 7.1 | 6.7 | 6.8 | 7.0 | 6.5 |
| DIAMOND | 7.2 | 7.3 | 6.3 | 6.9 | 6.5 | 4.0 | 6.4 | 5.8 | 6.3 | 5.8 | 6.3 | 7.2 | 6.8 | 6.8 | 6.7 | 6.3 | 6.3 | 6.5 |
| DALZ 1308 | 6.8 | 7.0 | 6.3 | 6.8 | 7.0 | 5.3 | 6.7 | 6.7 | 6.3 | 3.7 | 5.4 | 6.9 | 7.0 | 6.8 | 7.2 | 7.2 | 6.7 | 6.4 |
| DALZ 1307 | 6.6 | 6.9 | 6.9 | 7.1 | 7.2 | 6.0 | 6.9 | 7.1 | 6.3 | 3.4 | 5.9 | 6.8 | 6.6 | 6.8 | 6.7 | 7.3 | 6.0 | 6.3 |
| DALZ 1309 | 6.9 | 6.8 | 6.7 | 6.8 | 7.1 | 5.0 | 6.6 | 6.7 | 6.7 | 4.9 | 5.7 | 6.2 | 6.2 | 6.4 | 6.6 | 6.7 | 6.7 | 6.2 |
| 10-TZ-74 | 6.8 | 7.7 | 6.7 | 6.7 | 6.7 | 5.3 | 7.0 | 6.8 | 7.0 | 5.4 | 5.4 | 5.8 | 6.0 | 5.8 | 5.8 | 6.0 | 5.7 | 5.8 |
| LSD VALUE | 0.8 | 1.9 | 1.5 | 0.9 | 0.7 | 2.6 | 1.4 | 0.9 | 1.2 | 1.0 | 0.9 | 1.5 | 1.1 | 0.7 | 0.9 | 1.2 | 1.8 | 0.4 |
| C.V. (%) | 12.2 | 20.1 | 13.0 | 10.2 | 10.6 | 22.6 | 14.1 | 15.2 | 10.2 | 21.9 | 14.5 | 16.1 | 13.2 | 11.9 | 12.8 | 15.3 | 10.9 | 7.0 |

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

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

TABLE 4B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT JAY, FL 1/
2013-17 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | SEEDHEAD | | SPRING COLOR | BALL ROLL | | | | | | PERCENT ESTABLISHMENT RATINGS 2013-2014 | | | | |
|-----------|------------------|---------------|-----------------|-----------|------|------|------|------|--------|---|-----------------|---------------|-------------|--------------|
| | SEEDHEAD 2015 | 2017 APRIL | | 2014 | 2014 | MAY | JUNE | JULY | AUGUST | OCTOBER | 2013 OCTOBER | 2014 APRIL | 2014 MAY | 2014 JUNE |
| FAES 1301 | 5.3 | 9.0 | 7.3 | 70.8 | 67.0 | 62.0 | 67.3 | 68.7 | 80.7 | 48.3 | 60.0 | 73.3 | 90.0 | 96.0 |
| ZOYSIU | 5.0 | 9.0 | 7.7 | 57.7 | 67.7 | 60.0 | 65.3 | 67.3 | 90.0 | 50.0 | 43.3 | 66.7 | 83.3 | 90.0 |
| DALZ 1306 | 4.3 | 7.0 | 6.3 | 66.7 | 64.7 | 58.7 | 64.7 | 64.0 | 85.3 | 46.7 | 56.7 | 76.7 | 83.3 | 93.0 |
| DALZ 1305 | 3.3 | 6.3 | 6.0 | 67.8 | 66.0 | 62.3 | 66.0 | 65.3 | 88.0 | 46.7 | 50.0 | 76.7 | 90.0 | 90.0 |
| L1F | 5.0 | 9.0 | 6.7 | 63.7 | 69.0 | 60.0 | 66.0 | 66.0 | 86.7 | 41.7 | 53.3 | 76.7 | 90.0 | 89.7 |
| DALZ 1304 | 5.3 | 4.3 | 5.0 | 62.2 | 70.0 | 61.3 | 68.7 | 69.3 | 86.0 | 46.7 | 53.3 | 73.3 | 90.0 | 93.0 |
| DIAMOND | 5.3 | 9.0 | 5.7 | 68.3 | 65.3 | 62.0 | 68.7 | 68.7 | 82.0 | 43.3 | 53.3 | 73.3 | 89.7 | 93.0 |
| DALZ 1308 | 6.7 | 4.3 | 5.3 | 72.5 | 75.7 | 72.3 | 69.7 | 71.3 | 87.3 | 43.3 | 46.7 | 70.0 | 80.0 | 89.7 |
| DALZ 1307 | 5.0 | 5.0 | 6.3 | 73.0 | 70.7 | 66.3 | 70.0 | 70.3 | 82.0 | 33.3 | 50.0 | 68.3 | 86.7 | 90.0 |
| DALZ 1309 | 5.3 | 5.7 | 7.0 | 74.7 | 64.7 | 62.7 | 73.3 | 71.3 | 88.7 | 40.0 | 46.7 | 70.0 | 86.7 | 90.0 |
| 10-TZ-74 | 5.3 | 8.3 | 7.7 | 75.0 | 69.7 | 63.0 | 72.0 | 70.0 | 84.0 | 33.3 | 50.0 | 70.0 | 83.3 | 90.0 |
| LSD VALUE | 8.7 | 2.7 | 1.3 | 34.1 | 18.3 | 18.3 | 11.7 | 8.1 | 17.0 | 24.8 | 22.1 | 28.2 | 15.2 | 14.5 |
| C.V. (%) | 71.4 | 21.9 | 11.6 | 23.8 | 9.6 | 10.9 | 6.7 | 5.0 | 7.1 | 22.2 | 16.4 | 12.9 | 6.9 | 5.4 |

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

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

TABLE 4C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF SEASHORE PASPALUM CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT JAY, FL 1/
2013-17 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL SPEED MEASURED IN INCHES

| NAME | GENETIC COLOR | SPRING GREENUP | SPRING DENSITY | SUMMER DENSITY | FALL DENSITY | WINTER COLOR | DOLLAR SPOT 2016 | FALL COLOR RATINGS | | | QUALITY RATINGS | | | | | | | | |
|-----------|------------------|-------------------|-------------------|-------------------|-----------------|-----------------|------------------------|--------------------|---------|----------|-----------------|------|------|------|------|------|------|-----|------|
| | | | | | | | | SEPTEMBER | OCTOBER | NOVEMBER | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | MEAN |
| SEADWARF | 6.4 | 6.2 | 5.9 | 6.4 | 6.3 | 5.0 | 5.5 | 5.9 | 6.1 | 5.3 | 5.4 | 5.3 | 6.1 | 6.2 | 6.5 | 6.2 | 6.2 | 6.0 | 6.0 |
| UGA 1743 | 6.7 | 5.8 | 5.2 | 6.9 | 6.2 | 4.0 | 6.5 | 6.0 | 6.7 | 5.3 | 4.1 | 4.9 | 6.2 | 6.3 | 6.5 | 6.1 | 5.8 | 6.3 | 5.9 |
| LSD VALUE | 0.8 | 1.9 | 1.5 | 0.9 | 0.7 | 2.6 | . | 1.4 | 0.9 | 1.2 | 1.0 | 0.9 | 1.5 | 1.1 | 0.7 | 0.9 | 1.2 | 1.8 | 0.4 |
| C.V. (%) | 14.1 | 25.8 | 15.2 | 10.2 | 14.3 | 0.0 | 31.7 | 9.1 | 13.5 | 13.3 | 13.3 | 14.9 | 17.0 | 12.4 | 10.3 | 15.7 | 19.8 | 6.6 | 10.3 |

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

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

TABLE 4C.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF SEASHORE PASPALUM CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT JAY, FL 1/
2013-17 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL SPEED MEASURED IN INCHES

| NAME | SPRING COLOR | 2014 | BALL ROLL RATINGS | | | | | PERCENT ESTABLISHMENT 2013 & 2014 | | | | |
|-----------|-----------------|------|-------------------|------|------|--------|---------|-----------------------------------|---------------|-------------|--------------|--|
| | | | MAY | JUNE | JULY | AUGUST | OCTOBER | 2013 OCTOBER | 2014 APRIL | 2014 MAY | 2014 JUNE | |
| SEADWARF | 6.0 | 70.3 | 76.7 | 66.3 | 72.7 | 64.7 | 80.7 | 70.0 | 78.3 | 76.7 | 99.0 | |
| UGA 1743 | 7.0 | 70.8 | 68.7 | 63.3 | 70.0 | 65.3 | 76.7 | 78.3 | 90.0 | 90.0 | 99.0 | |
| LSD VALUE | 1.3 | 34.1 | 18.3 | 18.3 | 11.7 | 8.1 | 17.0 | 24.8 | 22.1 | 28.2 | 15.2 | |
| C.V. (%) | 0.0 | 23.0 | 5.9 | 11.4 | 1.1 | 6.6 | 3.6 | 7.3 | 6.4 | 4.9 | 0.0 | |

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 5A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT TEQUESTA, FL (JUPITER HILLS GOLF CLUB) 1/
2014 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

| NAME | DOLLAR SPOT RATINGS | PERCENT ESTABLISHMENT | | | QUALITY RATINGS | | | | | | | | MEAN |
|-------------|---------------------------|-----------------------|------|-----|-----------------|-----|------|------|------|-----|-----|-----|------|
| | MAY | SUMMER | FALL | JAN | FEB | MAR | APR | MAY | JUN | AUG | OCT | | |
| MSB-264 | 6.7 | 56.7 | 99.0 | 8.3 | 7.0 | 8.7 | 8.3 | 8.3 | 7.0 | 6.7 | 6.7 | 7.6 | |
| 08-T-18 | 6.3 | 48.3 | 97.7 | 8.0 | 7.0 | 7.7 | 7.0 | 8.0 | 7.3 | 7.3 | 7.7 | 7.5 | |
| MSB-285 | 7.3 | 60.0 | 99.0 | 8.3 | 7.0 | 7.7 | 8.0 | 8.3 | 7.0 | 6.7 | 7.0 | 7.5 | |
| OKC-13-78-5 | 9.0 | 45.0 | 99.0 | 8.0 | 7.0 | 7.3 | 7.3 | 7.7 | 7.7 | 6.7 | 6.7 | 7.3 | |
| JK 110521 | 9.0 | 50.0 | 97.7 | 8.0 | 6.3 | 7.3 | 6.3 | 6.7 | 7.3 | 7.0 | 7.7 | 7.1 | |
| 11-T-861 | 7.7 | 41.7 | 83.0 | 7.3 | 6.0 | 7.0 | 7.3 | 7.3 | 7.3 | 7.0 | 6.7 | 7.0 | |
| FAES 1302 | 9.0 | 46.7 | 91.3 | 7.3 | 6.7 | 7.7 | 7.0 | 6.3 | 7.7 | 7.0 | 6.7 | 7.0 | |
| OKC-1-75-2 | 9.0 | 41.7 | 91.7 | 7.3 | 6.3 | 6.7 | 7.0 | 7.3 | 6.7 | 7.0 | 5.3 | 6.7 | |
| MINI-VERDE | 9.0 | 36.7 | 78.3 | 7.0 | 6.3 | 6.7 | 6.0 | 5.7 | 6.3 | 7.3 | 7.0 | 6.5 | |
| OKC-16-13-8 | 9.0 | 38.3 | 73.3 | 6.7 | 6.0 | 7.0 | 6.0 | 6.3 | 6.7 | 7.0 | 6.3 | 6.5 | |
| TIFEAGLE | 9.0 | 51.7 | 93.0 | 7.0 | 6.0 | 6.7 | 6.0 | 6.0 | 6.7 | 6.7 | 6.3 | 6.4 | |
| SUNDAY | 9.0 | 51.7 | 86.7 | 7.0 | 6.0 | 6.7 | 6.0 | 6.0 | 6.3 | 5.0 | 5.0 | 6.0 | |
| TIFDWARF | 9.0 | 55.0 | 91.3 | 6.7 | 6.0 | 6.7 | 5.7 | 5.7 | 5.3 | 7.0 | 5.0 | 6.0 | |
| CTF-B10 | 9.0 | 45.0 | 93.3 | 7.0 | 5.7 | 5.7 | 5.7 | 5.3 | 5.7 | 6.0 | 5.7 | 5.8 | |
| CTF-E3 | 9.0 | 36.7 | 55.0 | 6.0 | 5.0 | 4.0 | 3.3 | 3.3 | 2.3 | . | . | 4.0 | |
| LSD VALUE | 3.0 | 15.8 | 11.1 | 1.2 | 0.9 | 0.8 | 1.0 | 1.4 | 1.4 | 0.8 | 1.0 | 0.6 | |
| C.V. (%) | 15.2 | 16.8 | 7.9 | 8.9 | 8.0 | 7.3 | 10.0 | 13.4 | 13.4 | 7.1 | 8.8 | 6.2 | |

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/ 2014 DATA

TABLE 5B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT TEQUESTA, FL (JUPITER HILLS GOLF CLUB) 1/
2014 DATA

| NAME | TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/ | | | | | | | | | | | | |
|-----------|---|--------|------|-----------------------|-----|------|-----------------|------|------|------|------|-----|------|
| | DOLLAR SPOT RATINGS | | | PERCENT ESTABLISHMENT | | | QUALITY RATINGS | | | | | | MEAN |
| | MAY | SUMMER | FALL | JAN | FEB | MAR | APR | MAY | JUN | AUG | OCT | | |
| L1F | 9.0 | 33.3 | 51.7 | 8.7 | 8.0 | 8.7 | 8.7 | 8.3 | 8.0 | 7.7 | 7.7 | 8.2 | |
| DALZ 1305 | 9.0 | 33.3 | 38.3 | 7.0 | 7.0 | 6.7 | 7.3 | 7.3 | 7.3 | 7.0 | 6.7 | 7.0 | |
| ZOYSIU | 9.0 | 31.7 | 41.7 | 7.3 | 7.3 | 7.0 | 6.3 | 6.7 | 6.7 | 7.0 | 7.3 | 7.0 | |
| DALZ 1306 | 9.0 | 33.3 | 36.7 | 7.0 | 7.0 | 7.3 | 6.3 | 6.3 | 6.7 | 6.0 | 7.7 | 6.8 | |
| FAES 1301 | 8.0 | 31.7 | 35.0 | 7.7 | 7.3 | 7.3 | 6.0 | 6.3 | 6.3 | 6.7 | 7.0 | 6.8 | |
| DALZ 1308 | 9.0 | 31.7 | 38.3 | 8.0 | 7.3 | 6.7 | 6.3 | 6.0 | 5.7 | 6.7 | 6.7 | 6.7 | |
| DIAMOND | 9.0 | 38.3 | 41.7 | 7.3 | 7.3 | 6.7 | 6.0 | 5.7 | 5.7 | 6.7 | 7.0 | 6.5 | |
| DALZ 1304 | 9.0 | 31.7 | 46.7 | 7.3 | 6.7 | 6.0 | 5.7 | 6.0 | 6.0 | 6.7 | 6.3 | 6.3 | |
| DALZ 1307 | 9.0 | 33.3 | 48.3 | 7.7 | 6.3 | 5.3 | 5.7 | 5.7 | 5.7 | 5.7 | 6.7 | 6.1 | |
| 10-TZ-74 | 9.0 | 30.0 | 36.7 | 6.3 | 6.3 | 5.7 | 4.0 | 5.0 | 3.7 | 7.0 | 6.5 | 5.4 | |
| DALZ 1309 | 9.0 | 30.0 | 48.3 | 6.3 | 6.3 | 4.7 | 5.3 | 5.0 | 4.7 | 5.3 | 5.3 | 5.4 | |
| LSD VALUE | 1.4 | 14.9 | 21.2 | 0.8 | 0.8 | 1.3 | 1.4 | 1.5 | 1.4 | 1.8 | 2.2 | 0.9 | |
| C.V. (%) | 5.9 | 15.8 | 20.5 | 6.6 | 6.1 | 11.7 | 13.5 | 13.1 | 13.7 | 12.2 | 13.6 | 8.3 | |

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/ 2014 DATA

TABLE 5C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF SEASHORE PASPALUM CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT TEQUESTA, FL (JUPITER HILLS GOLF CLUB) 1/
2014 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ 3/

| NAME | DOLLAR SPOT RATINGS | | | PERCENT ESTABLISHMENT | | | QUALITY RATINGS | | | | | | MEAN | |
|-----------|---------------------|-----|-----|-----------------------|------|-----|-----------------|-----|-----|-----|-----|------|------|-----|
| | FEB | MAR | MAY | SUMMER | FALL | JAN | FEB | MAR | APR | MAY | JUN | AUG | | OCT |
| SEADWARF | 9.0 | 9.0 | 9.0 | 48.3 | 99.0 | 9.0 | 9.0 | 9.0 | 8.7 | 9.0 | 9.0 | 6.3 | 7.0 | 8.4 |
| UGA 1743 | 5.0 | 3.3 | 9.0 | 53.3 | 99.0 | 9.0 | 7.3 | 7.0 | 8.3 | 8.7 | 8.7 | 4.7 | 6.3 | 7.5 |
| LSD VALUE | 0.0 | 0.0 | 1.4 | 14.9 | 21.2 | 0.8 | 0.8 | 1.3 | 1.4 | 1.5 | 1.4 | 1.8 | 2.2 | 0.9 |
| C.V. (%) | 10.1 | 6.6 | 0.0 | 7.0 | 0.0 | 0.0 | 5.0 | 0.0 | 9.6 | 4.6 | 4.6 | 19.6 | 6.1 | 0.0 |

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/ 2014 DATA

TABLE 6A. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT GRIFFIN, GA 1/
2014-17 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN FOOT

| NAME | GENETIC COLOR | SPRING GREENUP | QUALITY RATINGS | | | | | | | MEAN |
|-------------|------------------|-------------------|-----------------|------|------|------|------|------|------|------|
| | | | APR | MAY | JUN | JUL | AUG | SEP | OCT | |
| MSB-285 | 6.1 | 5.9 | 3.9 | 5.5 | 6.4 | 6.7 | 6.8 | 6.9 | 6.9 | 6.2 |
| OKC-13-78-5 | 5.9 | 4.0 | 4.2 | 5.0 | 6.2 | 6.7 | 6.7 | 6.9 | 6.8 | 6.1 |
| OKC-1-75-2 | 5.9 | 3.6 | 4.2 | 5.0 | 6.4 | 6.4 | 6.6 | 6.7 | 6.7 | 6.0 |
| 11-T-861 | 6.1 | 5.6 | 4.0 | 4.9 | 6.3 | 6.4 | 6.4 | 6.5 | 6.5 | 5.9 |
| MSB-264 | 5.9 | 5.6 | 3.7 | 4.8 | 6.3 | 6.5 | 6.6 | 6.7 | 6.8 | 5.9 |
| OKC-16-13-8 | 6.2 | 4.8 | 3.9 | 4.9 | 6.2 | 6.3 | 6.5 | 6.7 | 6.8 | 5.9 |
| 08-T-18 | 6.0 | 4.2 | 4.0 | 5.1 | 6.1 | 6.5 | 6.4 | 6.4 | 6.3 | 5.8 |
| FAES 1302 | 6.2 | 6.0 | 3.7 | 4.7 | 6.2 | 6.4 | 6.5 | 6.5 | 6.6 | 5.8 |
| JK 110521 | 6.4 | 5.9 | 3.7 | 4.9 | 6.4 | 6.3 | 6.6 | 6.5 | 6.3 | 5.8 |
| TIFEAGLE | 5.8 | 5.3 | 3.6 | 4.9 | 5.9 | 6.2 | 6.3 | 6.5 | 6.5 | 5.7 |
| TIFDWARF | 5.9 | 4.2 | 3.5 | 4.8 | 6.0 | 6.2 | 6.3 | 6.5 | 6.5 | 5.7 |
| SUNDAY | 5.7 | 5.2 | 3.3 | 4.6 | 5.9 | 6.2 | 6.3 | 6.6 | 6.5 | 5.6 |
| MINI-VERDE | 6.0 | 5.2 | 3.4 | 4.6 | 5.8 | 6.1 | 6.3 | 6.3 | 6.3 | 5.5 |
| CTF-B10 | 6.2 | 5.1 | 3.1 | 4.7 | 5.7 | 6.1 | 6.2 | 6.3 | 6.2 | 5.4 |
| CTF-E3 | 6.1 | 4.0 | 2.8 | 4.3 | 5.3 | 5.8 | 5.8 | 5.7 | 5.8 | 5.0 |
| LSD VALUE | 0.9 | 1.8 | 0.9 | 1.7 | 3.1 | 2.3 | 2.1 | 1.7 | 1.2 | 1.6 |
| C.V. (%) | 9.7 | 31.8 | 25.6 | 22.0 | 27.1 | 20.0 | 18.1 | 17.0 | 14.6 | 18.1 |

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

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

TABLE 6A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT GRIFFIN, GA 1/
2014-17 DATA

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

| NAME | PERCENT | FALL | FALL | PERCENT ESTABLISHMENT RATINGS 2014 | | | | EARLY | LATE | OCTOBER |
|-------------|--------------|-----------|---------|------------------------------------|--------|--------|--------|-------|------|---------|
| | GROUND COVER | COLOR | COLOR | EARLY | LATE | EARLY | LATE | EARLY | LATE | |
| | SPRING | SEPTEMBER | OCTOBER | SPRING | SPRING | SUMMER | SUMMER | FALL | FALL | |
| MSB-285 | 99.0 | 6.5 | 6.3 | 56.7 | 66.7 | 73.3 | 80.0 | 83.3 | 93.0 | 96.0 |
| OKC-13-78-5 | 96.0 | 6.3 | 6.1 | 46.7 | 60.0 | 76.7 | 83.3 | 86.3 | 89.7 | 93.0 |
| OKC-1-75-2 | 96.0 | 6.8 | 6.6 | 46.7 | 56.7 | 63.3 | 76.7 | 86.7 | 86.7 | 93.0 |
| 11-T-861 | 89.7 | 6.3 | 6.4 | 43.3 | 50.0 | 63.3 | 66.7 | 66.7 | 70.0 | 70.0 |
| MSB-264 | 99.0 | 6.5 | 6.6 | 50.0 | 60.0 | 73.3 | 83.3 | 89.7 | 91.3 | 94.7 |
| OKC-16-13-8 | 92.7 | 6.5 | 6.4 | 40.0 | 43.3 | 60.0 | 70.0 | 80.0 | 86.3 | 89.7 |
| 08-T-18 | 86.7 | 6.3 | 6.3 | 40.0 | 50.0 | 56.7 | 66.7 | 73.3 | 76.7 | 80.0 |
| FAES 1302 | 96.0 | 6.4 | 6.3 | 40.0 | 50.0 | 63.3 | 70.0 | 73.3 | 73.3 | 73.3 |
| JK 110521 | 96.0 | 6.6 | 6.3 | 43.3 | 53.3 | 66.7 | 76.7 | 76.7 | 83.3 | 83.3 |
| TIFEAGLE | 96.0 | 6.5 | 6.4 | 46.7 | 53.3 | 63.3 | 73.3 | 80.0 | 83.3 | 86.7 |
| TIFDWARF | 90.0 | 6.2 | 6.1 | 50.0 | 56.7 | 60.0 | 66.7 | 75.0 | 80.0 | 83.3 |
| SUNDAY | 83.3 | 6.1 | 6.2 | 40.0 | 50.0 | 56.7 | 63.3 | 70.0 | 66.7 | 73.3 |
| MINI-VERDE | 86.7 | 6.3 | 6.3 | 36.7 | 46.7 | 53.3 | 66.7 | 66.7 | 73.3 | 80.0 |
| CTF-B10 | 83.3 | 6.2 | 5.8 | 26.7 | 33.3 | 36.7 | 23.3 | 43.3 | 46.7 | 53.3 |
| CTF-E3 | 80.0 | 6.3 | 6.3 | 33.3 | 40.0 | 46.7 | 50.0 | 50.0 | 53.3 | 56.7 |
| LSD VALUE | 10.1 | 2.6 | 2.1 | 20.2 | 20.5 | 22.4 | 19.7 | 15.8 | 16.9 | 12.4 |
| C.V. (%) | 6.1 | 20.3 | 17.8 | 21.5 | 19.1 | 18.4 | 17.1 | 12.9 | 13.1 | 9.7 |

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

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

TABLE 6B. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
 IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT GRIFFIN, GA 1/
 2014-17 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | QUALITY RATINGS | | | | | | | MEAN |
|-----------|------------------|-------------------|-----------------|------|------|------|------|------|------|------|
| | | | APR | MAY | JUN | JUL | AUG | SEP | OCT | |
| DALZ 1304 | 6.8 | 4.1 | 4.3 | 6.0 | 6.3 | 6.4 | 6.5 | 6.5 | 6.8 | 6.1 |
| DALZ 1309 | 6.6 | 4.6 | 4.3 | 5.9 | 6.3 | 6.5 | 6.6 | 6.6 | 6.7 | 6.1 |
| DALZ 1305 | 6.8 | 4.4 | 4.2 | 6.0 | 6.2 | 6.3 | 6.5 | 6.4 | 6.3 | 6.0 |
| DALZ 1307 | 6.3 | 4.7 | 4.0 | 5.8 | 6.2 | 6.3 | 6.4 | 6.3 | 6.3 | 5.9 |
| DIAMOND | 6.4 | 5.1 | 4.0 | 5.6 | 6.0 | 6.4 | 6.4 | 6.4 | 6.4 | 5.9 |
| ZOYSIU | 6.6 | 4.8 | 4.1 | 6.0 | 6.3 | 6.3 | 6.3 | 6.2 | 6.0 | 5.9 |
| DALZ 1306 | 6.6 | 4.8 | 3.7 | 5.3 | 5.9 | 6.3 | 6.3 | 6.4 | 6.4 | 5.8 |
| DALZ 1308 | 6.7 | 4.2 | 3.8 | 5.5 | 5.8 | 6.2 | 6.2 | 6.3 | 6.4 | 5.8 |
| L1F | 6.6 | 4.9 | 3.9 | 5.3 | 5.9 | 6.3 | 6.3 | 6.3 | 6.5 | 5.8 |
| FAES 1301 | 6.8 | 4.9 | 3.1 | 5.3 | 5.8 | 5.9 | 6.2 | 6.3 | 6.3 | 5.5 |
| 10-TZ-74 | 6.3 | 5.2 | 3.3 | 5.3 | 5.7 | 5.8 | 5.8 | 5.8 | 5.8 | 5.3 |
| LSD VALUE | 0.8 | 3.9 | 0.5 | 2.1 | 2.7 | 2.4 | 2.3 | 2.2 | 1.7 | 1.9 |
| C.V. (%) | 7.6 | 41.8 | 16.2 | 23.9 | 25.7 | 22.3 | 21.6 | 20.1 | 17.6 | 19.8 |

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

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

TABLE 6B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT GRIFFIN, GA 1/
2014-17 DATA

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

| NAME | PERCENT GROUND COVER SPRING | FALL COLOR SEPTEMBER | FALL COLOR OCTOBER | PERCENT ESTABLISHMENT RATINGS 2014 | | | | | | OCTOBER |
|-----------|-----------------------------------|----------------------------|--------------------------|------------------------------------|----------------|-----------------|----------------|---------------|--------------|---------|
| | | | | EARLY SPRING | LATE SPRING | EARLY SUMMER | LATE SUMMER | EARLY FALL | LATE FALL | |
| DALZ 1304 | 93.0 | 6.2 | 6.3 | 46.7 | 66.7 | 80.0 | 76.7 | 80.0 | 76.7 | 76.7 |
| DALZ 1309 | 96.0 | 6.0 | 6.2 | 46.7 | 60.0 | 73.3 | 73.3 | 80.0 | 80.0 | 83.3 |
| DALZ 1305 | 96.0 | 6.3 | 6.3 | 36.7 | 53.3 | 80.0 | 76.7 | 76.7 | 76.7 | 76.7 |
| DALZ 1307 | 86.3 | 5.8 | 5.8 | 40.0 | 53.3 | 70.0 | 70.0 | 66.7 | 73.3 | 73.3 |
| DIAMOND | 86.7 | 6.3 | 6.3 | 33.3 | 46.7 | 60.0 | 60.0 | 60.0 | 60.0 | 63.3 |
| ZOYSIU | 83.3 | 6.3 | 6.4 | 40.0 | 53.3 | 66.7 | 66.7 | 60.0 | 56.7 | 56.7 |
| DALZ 1306 | 96.0 | 5.9 | 6.0 | 46.7 | 63.3 | 73.3 | 73.3 | 76.7 | 76.7 | 80.0 |
| DALZ 1308 | 86.3 | 5.8 | 5.8 | 36.7 | 46.7 | 70.0 | 73.3 | 73.3 | 73.3 | 73.3 |
| L1F | 83.3 | 6.2 | 6.2 | 36.7 | 46.7 | 56.7 | 60.0 | 60.0 | 63.3 | 66.7 |
| FAES 1301 | 80.0 | 6.1 | 6.1 | 43.3 | 50.0 | 56.7 | 60.0 | 63.3 | 63.3 | 66.7 |
| 10-TZ-74 | 76.7 | 6.0 | 6.0 | 46.7 | 56.7 | 63.3 | 63.3 | 63.3 | 63.3 | 60.0 |
| LSD VALUE | 14.8 | 2.4 | 2.3 | 16.7 | 19.8 | 12.3 | 15.8 | 14.3 | 16.0 | 20.5 |
| C.V. (%) | 8.3 | 22.5 | 21.8 | 17.1 | 16.3 | 10.1 | 11.1 | 11.0 | 11.8 | 13.8 |

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

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

TABLE 6C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF SEASHORE PASPALUM CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT GRIFFIN, GA 1/
2014-17 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | APR | MAY | JUN | QUALITY RATINGS | | | | MEAN |
|-----------|------------------|-------------------|------|------|------|-----------------|-----|-----|-----|------|
| | | | | | | JUL | AUG | SEP | OCT | |
| SEADWARF | 6.2 | 5.4 | 4.8 | 6.2 | 6.3 | 6.5 | 6.7 | 6.7 | 6.7 | 6.3 |
| UGA 1743 | 6.3 | 5.1 | 4.8 | 5.8 | 6.0 | 6.3 | 6.5 | 6.8 | 6.8 | 6.1 |
| LSD VALUE | 0.8 | 3.9 | 0.5 | 2.1 | 2.7 | 2.4 | 2.3 | 2.2 | 1.7 | 1.9 |
| C.V. (%) | 7.1 | 25.3 | 14.6 | 15.4 | 16.9 | 10.6 | 7.8 | 6.0 | 6.0 | 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 6C.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF SEASHORE PASPALUM CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT GRIFFIN, GA 1/
2014-17 DATA

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

| NAME | PERCENT GROUND COVER SPRING | FALL COLOR SEPTEMBER | FALL COLOR OCTOBER | PERCENT ESTABLISHMENT RATINGS | | | | | | OCTOBER |
|-----------|-----------------------------------|----------------------------|--------------------------|-------------------------------|----------------|-----------------|----------------|---------------|--------------|---------|
| | | | | EARLY SPRING | LATE SPRING | EARLY SUMMER | LATE SUMMER | EARLY FALL | LATE FALL | |
| SEADWARF | 99.0 | 7.0 | 6.9 | 43.3 | 53.3 | 66.7 | 73.3 | 76.7 | 83.0 | 89.7 |
| UGA 1743 | 99.0 | 7.3 | 7.1 | 50.0 | 56.7 | 66.7 | 76.7 | 86.7 | 96.0 | 96.0 |
| LSD VALUE | 14.8 | 2.4 | 2.3 | 16.7 | 19.8 | 12.3 | 15.8 | 14.3 | 16.0 | 20.5 |
| C.V. (%) | 0.0 | 6.3 | 4.0 | 8.7 | 7.4 | 10.6 | 10.9 | 8.7 | 8.9 | 4.2 |

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

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

TABLE 7A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT BLOOMINGTON, IN 1/
2013-16 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | GENETIC | SPRING | LEAF | QUALITY RATINGS | | | | | | | |
|-------------|---------|---------|---------|-----------------|------|------|------|------|------|------|------|
| | COLOR | GREENUP | TEXTURE | APR | MAY | JUN | JUL | AUG | SEP | OCT | MEAN |
| TIFEAGLE | 8.0 | 4.6 | 7.0 | 2.8 | 6.0 | 6.4 | 6.6 | 6.3 | 6.8 | 5.2 | 6.0 |
| JK 110521 | 8.3 | 3.3 | 7.0 | 1.8 | 5.4 | 6.7 | 6.8 | 6.1 | 6.4 | 5.0 | 5.8 |
| MINI-VERDE | 9.0 | 3.3 | 7.0 | 2.0 | 5.0 | 5.9 | 6.8 | 6.5 | 7.0 | 5.0 | 5.8 |
| SUNDAY | 7.0 | 4.6 | 7.0 | 2.8 | 5.6 | 6.0 | 6.3 | 5.7 | 6.4 | 5.7 | 5.7 |
| CTF-B10 | 8.3 | 2.7 | 7.5 | 2.0 | 3.8 | 5.5 | 6.6 | 6.3 | 6.6 | 5.0 | 5.4 |
| TIFDWARF | 7.7 | 4.7 | 6.5 | 2.2 | 5.4 | 5.8 | 5.9 | 5.0 | 6.3 | 4.7 | 5.3 |
| 08-T-18 | 7.0 | 2.9 | 7.5 | 1.7 | 5.4 | 6.3 | 6.0 | 5.1 | 5.5 | 5.0 | 5.2 |
| FAES 1302 | 8.7 | 3.0 | 7.2 | 1.5 | 4.2 | 5.5 | 6.4 | 5.8 | 6.0 | 5.0 | 5.2 |
| MSB-264 | 6.7 | 4.3 | 7.5 | 2.3 | 6.4 | 5.8 | 5.5 | 4.6 | 5.4 | 5.3 | 5.2 |
| MSB-285 | 7.0 | 4.3 | 7.5 | 2.3 | 6.2 | 5.5 | 5.7 | 4.4 | 5.2 | 5.3 | 5.1 |
| OKC-13-78-5 | 7.3 | 6.7 | 7.3 | 3.7 | 5.6 | 5.3 | 5.0 | 4.3 | 5.0 | 4.7 | 4.9 |
| OKC-16-13-8 | 7.3 | 6.8 | 7.2 | 3.8 | 5.3 | 5.8 | 4.9 | 4.3 | 5.1 | 4.5 | 4.9 |
| OKC-1-75-2 | 7.0 | 6.1 | 6.8 | 3.3 | 5.6 | 5.2 | 4.5 | 4.3 | 4.8 | 4.8 | 4.7 |
| 11-T-861 | 6.7 | 5.9 | 6.7 | 3.0 | 4.9 | 4.8 | 4.5 | 4.1 | 4.9 | 4.5 | 4.4 |
| CTF-E3 | 8.0 | 1.0 | 9.0 | 1.0 | 1.0 | 1.0 | 1.2 | 1.5 | 2.2 | 3.7 | 1.5 |
| LSD VALUE | 0.7 | 1.5 | 4.0 | 0.9 | 2.5 | 1.2 | 1.0 | 0.6 | 0.9 | 3.5 | 0.8 |
| C.V. (%) | 5.7 | 44.5 | 21.7 | 31.5 | 37.9 | 26.3 | 23.6 | 15.0 | 20.9 | 27.8 | 19.8 |

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

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

TABLE 7A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT BLOOMINGTON, IN 1/
2013-16 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | PERCENT GROUND COVER | | PERCENT | FALL COLOR RATINGS | | 2014 | SEEDHEAD RATINGS | | PERCENT | SCALPING RATINGS | PERCENT ESTABLISHMENT 2014 | | |
|-------------|----------------------|--------|-------------|--------------------|----------|----------|------------------|----------|--------------|------------------|----------------------------|------------|-----------|
| | SPRING | SUMMER | WINTER KILL | OCTOBER | NOVEMBER | SEEDHEAD | 2016 APRIL | 2016 MAY | WHITE CLOVER | | SUMMER | EARLY FALL | LATE FALL |
| TIFEAGLE | 94.7 | 90.7 | 18.7 | 3.8 | 1.5 | 8.5 | 9 | 9 | 2.0 | 5.4 | 21.7 | 94.0 | 96.0 |
| JK 110521 | 86.3 | 96.3 | 20.0 | 4.0 | 1.7 | 8.5 | 9 | 9 | 2.0 | 5.2 | 38.3 | 98.7 | 97.7 |
| MINI-VERDE | 85.7 | 86.3 | 27.0 | 3.3 | 1.0 | 8.5 | 9 | 9 | 1.7 | 5.3 | 18.3 | 97.3 | 98.7 |
| SUNDAY | 91.0 | 95.0 | 5.0 | 4.7 | 2.0 | 8.0 | 9 | 9 | 1.7 | 5.6 | 18.3 | 91.0 | 96.0 |
| CTF-B10 | 81.3 | 50.0 | 58.3 | 2.8 | 1.0 | 8.5 | 9 | 9 | 2.7 | 5.7 | 6.7 | 74.7 | 89.0 |
| TIFDWARF | 92.8 | 94.3 | 5.0 | 4.5 | 2.0 | 7.2 | 9 | 9 | 4.3 | 4.8 | 18.3 | 98.3 | 98.7 |
| 08-T-18 | 73.5 | 96.0 | 22.0 | 4.8 | 2.7 | 8.3 | 9 | 9 | 5.3 | 6.0 | 30.0 | 96.7 | 97.3 |
| FAES 1302 | 69.3 | 90.0 | 33.3 | 4.0 | 1.3 | 8.5 | 9 | 9 | 2.7 | 5.7 | 28.3 | 98.7 | 99.0 |
| MSB-264 | 95.7 | 98.7 | 5.3 | 6.0 | 4.7 | 5.5 | 9 | 9 | 5.0 | 4.2 | 33.3 | 98.7 | 99.0 |
| MSB-285 | 95.5 | 98.7 | 5.7 | 6.2 | 4.7 | 5.7 | 9 | 9 | 3.7 | 4.1 | 31.7 | 98.7 | 99.0 |
| OKC-13-78-5 | 95.5 | 99.0 | 0.7 | 6.3 | 2.3 | 4.3 | 9 | 9 | 4.3 | 3.9 | 15.0 | 98.3 | 98.3 |
| OKC-16-13-8 | 94.5 | 99.0 | 0.3 | 5.3 | 2.3 | 5.2 | 9 | 9 | 3.3 | 4.2 | 23.3 | 96.3 | 98.3 |
| OKC-1-75-2 | 94.7 | 99.0 | 2.7 | 6.5 | 3.3 | 6.7 | 9 | 9 | 6.3 | 4.7 | 28.3 | 99.0 | 99.0 |
| 11-T-861 | 89.2 | 99.0 | 1.7 | 5.5 | 2.7 | 8.2 | 9 | 9 | 5.7 | 4.6 | 30.0 | 99.0 | 99.0 |
| CTF-E3 | 2.7 | 0.7 | 99.0 | 7.0 | . | . | . | . | . | . | 4.0 | 35.0 | 61.7 |
| LSD VALUE | 17.4 | 9.9 | 11.8 | 1.4 | 0.8 | 2.1 | 0 | 0 | 4.0 | 3.0 | 6.6 | 9.7 | 7.6 |
| C.V. (%) | 18.0 | 7.7 | 38.4 | 25.0 | 21.1 | 24.7 | 0 | 0 | 52.0 | 38.6 | 18.2 | 6.9 | 5.1 |

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

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

TABLE 7B. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT BLOOMINGTON, IN 1/
2013-16 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | QUALITY RATINGS | | | | | | | MEAN |
|-----------|------------------|-------------------|-----------------|-----------------|------|------|------|------|------|------|------|
| | | | | APR | MAY | JUN | JUL | AUG | SEP | OCT | |
| DALZ 1308 | 7.7 | 7.3 | 8.3 | 6.3 | 5.9 | 7.6 | 7.7 | 7.5 | 7.6 | 7.0 | 7.2 |
| DALZ 1309 | 7.3 | 6.7 | 8.5 | 6.3 | 4.4 | 7.0 | 7.3 | 7.4 | 7.8 | 7.0 | 6.8 |
| DIAMOND | 7.7 | 5.8 | 7.2 | 5.3 | 5.0 | 6.2 | 6.3 | 6.5 | 7.0 | 6.5 | 6.2 |
| DALZ 1304 | 7.0 | 6.6 | 7.0 | 5.2 | 4.8 | 6.2 | 6.2 | 6.0 | 6.6 | 6.2 | 5.9 |
| DALZ 1306 | 7.7 | 5.8 | 8.5 | 5.0 | 4.7 | 6.1 | 6.2 | 5.8 | 6.3 | 6.2 | 5.8 |
| DALZ 1307 | 7.7 | 5.7 | 8.3 | 4.7 | 4.1 | 5.6 | 5.9 | 6.0 | 6.3 | 5.3 | 5.5 |
| ZOYSIU | 5.7 | 8.3 | 5.3 | 4.8 | 5.7 | 5.5 | 5.4 | 5.3 | 5.3 | 4.8 | 5.3 |
| 10-TZ-74 | 7.3 | 5.5 | 8.7 | 3.3 | 4.0 | 4.8 | 5.2 | 4.6 | 5.6 | 4.0 | 4.7 |
| DALZ 1305 | 7.7 | 4.4 | 5.7 | 3.3 | 3.1 | 3.8 | 4.3 | 4.7 | 5.3 | 4.3 | 4.2 |
| L1F | 6.7 | 3.3 | 6.5 | 1.7 | 2.8 | 3.6 | 4.4 | 4.8 | 5.3 | 4.2 | 4.0 |
| FAES 1301 | 6.7 | 3.3 | 8.3 | 1.2 | 2.4 | 2.7 | 3.2 | 3.1 | 3.7 | 2.8 | 2.9 |
| LSD VALUE | 1.1 | 1.8 | 0.9 | 1.0 | 1.9 | 1.0 | 1.0 | 0.8 | 0.9 | 1.8 | 0.7 |
| C.V. (%) | 7.9 | 39.9 | 10.9 | 21.3 | 44.2 | 25.8 | 23.2 | 20.2 | 18.9 | 28.7 | 19.0 |

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 7B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT BLOOMINGTON, IN 1/
2013-16 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | PERCENT GROUND COVER | | PERCENT WINTER KILL | FALL COLOR RATINGS | | 2014 SEEDHEAD | SEEDHEAD RATINGS | | PERCENT WHITE CLOVER | SCALPING RATINGS | PERCENT ESTABLISHMENT 2014 | | |
|-----------|----------------------|--------|---------------------------|--------------------|----------|------------------|------------------|-------------|----------------------------|---------------------|----------------------------|------------|-----------|
| | SPRING | SUMMER | | OCTOBER | NOVEMBER | | 2016 APRIL | 2016 MAY | | | SUMMER | EARLY FALL | LATE FALL |
| DALZ 1308 | 93.2 | 79.0 | 28.3 | 8.7 | 6.0 | 8.5 | 1.3 | 4.3 | 0.3 | 6.2 | 12.3 | 51.7 | 70.0 |
| DALZ 1309 | 84.8 | 51.7 | 38.3 | 8.8 | 7.0 | 8.5 | 2.0 | 3.3 | 0.3 | 6.0 | 10.0 | 35.0 | 53.3 |
| DIAMOND | 89.5 | 51.7 | 56.7 | 8.0 | 5.0 | 8.5 | 6.0 | 5.3 | 2.0 | 6.0 | 10.7 | 53.3 | 73.3 |
| DALZ 1304 | 91.8 | 61.7 | 23.3 | 8.5 | 6.3 | 8.5 | 7.0 | 3.0 | 0.0 | 5.6 | 9.3 | 43.3 | 68.3 |
| DALZ 1306 | 91.5 | 40.0 | 66.7 | 8.7 | 6.7 | 8.5 | 2.3 | 9.0 | 2.3 | 6.0 | 11.3 | 43.3 | 68.3 |
| DALZ 1307 | 77.2 | 40.7 | 67.3 | 8.5 | 5.7 | 8.5 | 3.3 | 3.3 | 1.3 | 5.3 | 8.3 | 38.3 | 60.0 |
| ZOYSIU | 97.7 | 94.3 | 0.3 | 7.5 | 3.7 | 8.5 | 1.7 | 8.0 | 3.7 | 5.4 | 10.0 | 48.3 | 76.7 |
| 10-TZ-74 | 74.3 | 26.7 | 70.7 | 7.7 | 3.7 | 8.5 | 1.0 | 9.0 | 3.3 | 5.9 | 13.0 | 40.0 | 63.3 |
| DALZ 1305 | 61.7 | 6.3 | 96.0 | 8.0 | 5.3 | 8.5 | 2.3 | 6.3 | 4.7 | 5.7 | 10.0 | 48.3 | 78.3 |
| L1F | 42.5 | 6.0 | 97.3 | 7.8 | 4.7 | 8.5 | 1.0 | 9.0 | 7.3 | 6.2 | 15.7 | 71.7 | 90.0 |
| FAES 1301 | 37.5 | 3.0 | 97.7 | 7.7 | 4.7 | 8.5 | 1.0 | 9.0 | 15.7 | 6.7 | 13.0 | 53.3 | 68.3 |
| LSD VALUE | 22.8 | 27.4 | 28.2 | 1.9 | 1.0 | 1.5 | 1.6 | 1.2 | 4.3 | 7.7 | 4.1 | 14.7 | 20.5 |
| C.V. (%) | 26.5 | 40.1 | 29.8 | 13.0 | 11.2 | 6.6 | 36.9 | 12.3 | 69.9 | 57.0 | 18.6 | 17.2 | 14.7 |

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 7C. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF SEASHORE PASPALUM CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT BLOOMINGTON, IN 1/
2013-16 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | QUALITY RATINGS | | | | | | | MEAN |
|-----------|------------------|-------------------|-----------------|-----------------|-----|-----|------|------|------|------|------|
| | | | | APR | MAY | JUN | JUL | AUG | SEP | OCT | |
| SEADWARF | 7.0 | 1.0 | 6.0 | 1 | 1.0 | 1 | 1.1 | 1.4 | 2.6 | 3.0 | 1.6 |
| UGA 1743 | 7.0 | 1.0 | 6.0 | 1 | 1.0 | 1 | 1.1 | 1.4 | 2.4 | 2.8 | 1.5 |
| LSD VALUE | 1.1 | 1.8 | 0.9 | 1 | 1.9 | 1 | 1.0 | 0.8 | 0.9 | 1.8 | 0.7 |
| C.V. (%) | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0 | 31.1 | 38.5 | 88.2 | 74.9 | 49.0 |

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 7C. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF SEASHORE PASPALUM CULTIVARS
(CONT'D) IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT BLOOMINGTON, IN 1/
2013-16 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | PERCENT GROUND COVER | | WINTER KILL | FALL COLOR RATINGS | | PERCENT WHITE CLOVER | PERCENT ESTABLISHMENT 2014 | | |
|-----------|----------------------|--------|----------------|--------------------|----------|----------------------------|----------------------------|------------|-----------|
| | SPRING | SUMMER | | OCTOBER | NOVEMBER | | SUMMER | EARLY FALL | LATE FALL |
| SEADWARF | 1.7 | 0.0 | 99.0 | 9.0 | 5 | 16.7 | 14.0 | 81.7 | 95.7 |
| UGA 1743 | 0.3 | 0.0 | 99.0 | 8.7 | 5 | 16.7 | 10.7 | 61.7 | 86.7 |
| LSD VALUE | 22.8 | 27.4 | 28.2 | 1.9 | 1 | 4.3 | 4.1 | 14.7 | 20.5 |
| C.V. (%) | 147.2 | . | 0.0 | 4.6 | 0 | 36.7 | 8.8 | 9.9 | 2.8 |

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 8A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT LEXINGTON, KY 1/
2013-17 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | GENETIC COLOR | SPRING GREENUP | PERCENT GROUND COVER | | FROST TOLERANCE | FALL COVER | | MAY | JUN | QUALITY RATINGS | | | | MEAN |
|-------------|------------------|-------------------|-------------------------|--|--------------------|------------|----------|-----|------|-----------------|------|------|------|------|
| | | | SPRING | | | OCTOBER | NOVEMBER | | | JUL | AUG | SEP | OCT | |
| 08-T-18 | 5.0 | 4.6 | 71.7 | | 4.7 | 4.3 | 3.7 | 7.3 | 7.2 | 6.8 | 6.7 | 6.8 | 7.0 | 6.9 |
| MSB-285 | 6.3 | 4.5 | 83.3 | | 4.3 | 5.0 | 4.7 | 7.3 | 6.7 | 6.3 | 6.7 | 6.6 | 7.0 | 6.7 |
| OKC-16-13-8 | 5.3 | 4.8 | 63.3 | | 4.0 | 3.7 | 4.0 | 7.3 | 6.8 | 6.5 | 6.8 | 6.5 | 6.7 | 6.7 |
| MSB-264 | 5.3 | 4.0 | 81.7 | | 4.7 | 5.0 | 4.7 | 7.0 | 6.3 | 6.3 | 6.7 | 6.7 | 6.0 | 6.6 |
| OKC-13-78-5 | 5.7 | 4.8 | 68.3 | | 4.0 | 4.0 | 4.7 | 7.3 | 6.9 | 6.4 | 6.7 | 6.7 | 5.7 | 6.6 |
| 11-T-861 | 5.7 | 4.2 | 75.0 | | 4.3 | 3.7 | 3.0 | 7.0 | 6.2 | 6.3 | 6.5 | 6.0 | 7.0 | 6.4 |
| FAES 1302 | 5.0 | 3.3 | 65.0 | | 4.0 | 4.0 | 2.3 | 7.3 | 5.1 | 6.1 | 6.6 | 6.2 | 5.7 | 6.2 |
| JK 110521 | 5.3 | 3.5 | 58.3 | | 5.0 | 3.7 | 3.0 | 7.0 | 4.3 | 6.0 | 6.9 | 6.1 | 6.3 | 6.2 |
| MINI-VERDE | 5.7 | 3.3 | 51.7 | | 3.7 | 3.3 | 2.0 | 7.0 | 5.0 | 6.0 | 6.6 | 5.9 | 6.0 | 6.1 |
| OKC-1-75-2 | 5.7 | 3.8 | 51.7 | | 4.3 | 4.0 | 3.7 | 7.0 | 5.1 | 5.7 | 6.4 | 6.2 | 6.0 | 6.1 |
| SUNDAY | 5.7 | 3.6 | 76.7 | | 3.7 | 3.3 | 2.7 | 7.0 | 5.1 | 5.8 | 6.5 | 6.0 | 7.0 | 6.0 |
| CTF-B10 | 5.7 | 2.8 | 41.7 | | 3.3 | 3.7 | 2.0 | 7.3 | 4.7 | 5.4 | 6.5 | 5.9 | 5.7 | 5.9 |
| TIFEAGLE | 5.3 | 3.3 | 60.0 | | 3.3 | 4.0 | 2.3 | 7.0 | 4.9 | 5.7 | 6.5 | 5.9 | 6.0 | 5.9 |
| TIFDWARF | 5.0 | 2.9 | 46.7 | | 4.3 | 3.7 | 2.3 | 7.0 | 4.8 | 5.1 | 6.2 | 5.9 | 6.0 | 5.7 |
| CTF-E3 | 6.7 | 2.5 | 3.3 | | 5.0 | 3.7 | 2.7 | 7.0 | 4.4 | 4.2 | 5.9 | 6.2 | 6.0 | 5.5 |
| LSD VALUE | 3.7 | 1.1 | 26.6 | | 1.9 | 1.2 | 0.9 | 1.3 | 1.1 | 0.9 | 1.1 | 0.6 | 2.1 | 0.5 |
| C.V. (%) | 20.2 | 34.9 | 26.1 | | 18.5 | 14.9 | 18.3 | 5.4 | 21.5 | 18.1 | 13.1 | 12.4 | 12.9 | 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 8A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT LEXINGTON, KY 1/
2013-17 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | PERCENT ESTABLISHMENT RATINGS SEPTEMBER-JUNE | | | | | BALL ROLL 2014 | BALL ROLL JUNE | BALL ROLL JULY | BALL ROLL AUGUST | BALL ROLL SEPTEMBER |
|-------------|--|-----------------|------------------|-------------|--------------|-------------------|-------------------|-------------------|---------------------|------------------------|
| | 2013 SEPTEMBER | 2013 OCTOBER | 2013 NOVEMBER | 2014 MAY | 2014 JUNE | | | | | |
| 08-T-18 | 33.3 | 40.0 | 48.3 | 56.7 | 85.0 | 52.0 | 67.0 | 64.4 | 66.8 | 69.5 |
| MSB-285 | 36.7 | 56.7 | 60.0 | 51.7 | 94.7 | 51.3 | 66.9 | 69.4 | 70.3 | 67.7 |
| OKC-16-13-8 | 21.7 | 33.3 | 41.7 | 33.3 | 58.3 | 45.0 | 65.9 | 65.5 | 71.2 | 76.0 |
| MSB-264 | 25.0 | 41.7 | 51.7 | 45.0 | 70.0 | 56.0 | 67.0 | 64.0 | 64.0 | 72.2 |
| OKC-13-78-5 | 33.3 | 46.7 | 53.3 | 37.0 | 75.0 | 56.0 | 69.3 | 64.7 | 70.9 | 77.7 |
| 11-T-861 | 23.3 | 38.3 | 51.7 | 56.7 | 83.3 | 50.0 | 66.9 | 63.4 | 70.2 | 72.3 |
| FAES 1302 | 25.0 | 35.0 | 45.0 | 33.3 | 51.7 | 64.0 | 79.4 | 73.4 | 70.8 | 82.2 |
| JK 110521 | 21.7 | 35.0 | 48.3 | 26.7 | 52.3 | 55.0 | 83.5 | 74.4 | 80.9 | 85.8 |
| MINI-VERDE | 20.0 | 33.3 | 41.7 | 20.0 | 50.7 | 79.0 | 89.1 | 82.9 | 85.4 | 90.7 |
| OKC-1-75-2 | 33.3 | 46.7 | 55.0 | 40.0 | 66.7 | 53.0 | 69.1 | 64.1 | 67.4 | 73.2 |
| SUNDAY | 21.7 | 31.7 | 48.3 | 40.0 | 76.7 | 57.3 | 85.9 | 78.6 | 82.0 | 81.8 |
| CTF-B10 | 25.0 | 38.3 | 53.3 | 6.7 | 33.3 | 76.0 | 87.2 | 81.5 | 89.7 | 84.3 |
| TIFEAGLE | 26.7 | 36.7 | 51.7 | 26.7 | 55.0 | 61.0 | 92.1 | 82.3 | 82.8 | 83.3 |
| TIFDWARF | 28.3 | 41.7 | 61.7 | 23.3 | 46.7 | 59.0 | 81.0 | 76.0 | 84.0 | 92.6 |
| CTF-E3 | 35.0 | 48.3 | 60.0 | 0.0 | 13.3 | . | 61.3 | 65.8 | 73.8 | 77.5 |
| LSD VALUE | 25.7 | 37.4 | 37.2 | 25.7 | 35.9 | 15.7 | 9.3 | 7.5 | 8.7 | 16.1 |
| C.V. (%) | 34.3 | 31.9 | 23.9 | 43.7 | 32.3 | 11.7 | 12.4 | 11.0 | 12.6 | 14.0 |

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

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

TABLE 8B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT LEXINGTON, KY 1/
2013-17 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | GENETIC COLOR | SPRING GREENUP | PERCENT GROUND COVER | | FROST TOLERANCE | FALL COVER | | QUALITY RATINGS | | | | MEAN | |
|-----------|------------------|-------------------|-------------------------|--|--------------------|------------|-----|-----------------|------|------|-----|------|------|
| | | | SPRING | | | OCTOBER | MAY | JUN | JUL | AUG | SEP | | OCT |
| DALZ 1308 | 6.7 | 4.6 | 78.3 | | 7.7 | 5.0 | 7.7 | 6.8 | 6.2 | 7.5 | 7.3 | 6.5 | 6.9 |
| DALZ 1305 | 7.0 | 4.3 | 73.3 | | 8.0 | 5.0 | 7.0 | 6.6 | 5.8 | 7.3 | 7.5 | 6.3 | 6.8 |
| ZOYSIU | 6.7 | 5.3 | 83.3 | | 7.7 | 3.0 | 7.0 | 6.4 | 5.9 | 6.9 | 6.8 | 6.8 | 6.6 |
| DALZ 1309 | 6.0 | 3.8 | 56.7 | | 7.3 | 5.7 | 7.0 | 6.2 | 6.0 | 6.9 | 7.1 | 5.7 | 6.5 |
| DALZ 1304 | 7.0 | 4.2 | 65.0 | | 6.0 | 5.0 | 7.0 | 6.3 | 5.5 | 6.8 | 7.1 | 5.8 | 6.4 |
| DALZ 1307 | 5.7 | 3.1 | 50.0 | | 7.7 | 5.0 | 7.0 | 5.4 | 5.5 | 6.7 | 6.8 | 5.7 | 6.2 |
| DIAMOND | 6.3 | 4.1 | 53.3 | | 7.7 | 5.0 | 7.0 | 6.5 | 5.1 | 6.1 | 6.6 | 6.2 | 6.1 |
| L1F | 6.3 | 3.3 | 75.0 | | 7.3 | 4.3 | 7.0 | 5.7 | 4.9 | 6.3 | 6.8 | 6.5 | 6.1 |
| FAES 1301 | 6.0 | 3.4 | 46.7 | | 7.3 | 4.3 | 6.7 | 5.6 | 4.9 | 6.5 | 6.4 | 5.5 | 5.9 |
| DALZ 1306 | 6.7 | 3.6 | 47.5 | | 7.3 | 6.0 | 7.0 | 5.0 | 4.7 | 6.1 | 6.5 | 5.8 | 5.7 |
| 10-TZ-74 | 6.0 | 3.7 | 45.0 | | 7.7 | 5.0 | 7.0 | 4.6 | 4.5 | 5.9 | 6.3 | 5.6 | 5.6 |
| LSD VALUE | 1.0 | 1.7 | 65.2 | | 1.0 | 0.5 | 0.6 | 1.4 | 1.7 | 0.8 | 0.4 | 1.2 | 0.6 |
| C.V. (%) | 7.7 | 40.9 | 37.6 | | 6.9 | 6.1 | 3.8 | 21.6 | 28.9 | 15.8 | 8.9 | 12.8 | 12.2 |

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

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

TABLE 8B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT LEXINGTON, KY 1/
2013-17 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | PERCENT ESTABLISHMENT RATINGS SEPTEMBER-AUGUST | | | | | | | | BALL ROLL 2014 | BALL ROLL JUNE | BALL ROLL JULY | BALL ROLL AUGUST | BALL ROLL SEPTEMBER |
|-----------|--|-----------------|------------------|-------------|--------------|--------------|----------------|------|-------------------|-------------------|-------------------|---------------------|------------------------|
| | 2013 SEPTEMBER | 2013 OCTOBER | 2013 NOVEMBER | 2014 MAY | 2014 JUNE | 2014 JULY | 2014 AUGUST | | | | | | |
| DALZ 1308 | 20.0 | 21.7 | 41.7 | 41.7 | 41.7 | 65.0 | 78.3 | 56.7 | 75.1 | 72.8 | 72.1 | 80.3 | |
| DALZ 1305 | 25.0 | 31.7 | 51.7 | 33.3 | 33.3 | 53.3 | 71.7 | 48.0 | 66.3 | 69.6 | 67.8 | 70.0 | |
| ZOYSIU | 18.3 | 21.7 | 36.7 | 41.7 | 41.7 | 56.7 | 73.3 | 34.7 | 63.1 | 55.1 | 54.0 | 57.0 | |
| DALZ 1309 | 16.7 | 20.0 | 43.3 | 25.0 | 25.0 | 45.0 | 60.0 | 63.0 | 70.2 | 71.4 | 67.7 | 76.5 | |
| DALZ 1304 | 18.3 | 23.3 | 45.0 | 33.3 | 33.3 | 60.0 | 71.7 | 40.7 | 66.8 | 67.8 | 64.6 | 72.8 | |
| DALZ 1307 | 20.0 | 20.0 | 46.7 | 20.0 | 20.0 | 36.7 | 45.0 | 57.0 | 80.4 | 79.4 | 77.0 | 83.5 | |
| DIAMOND | 16.7 | 18.3 | 33.3 | 18.3 | 18.3 | 33.3 | 50.0 | 57.0 | 67.7 | 63.3 | 63.8 | 79.8 | |
| L1F | 25.0 | 30.0 | 51.7 | 33.3 | 33.3 | 53.3 | 71.7 | 44.7 | 70.6 | 65.8 | 61.7 | 69.5 | |
| FAES 1301 | 20.0 | 25.0 | 46.7 | 18.3 | 18.3 | 38.3 | 48.3 | 58.0 | 66.0 | 66.1 | 69.7 | 69.0 | |
| DALZ 1306 | 18.3 | 23.3 | 40.0 | 17.3 | 17.3 | 34.0 | 44.0 | 60.0 | 64.0 | 70.0 | 70.0 | 76.3 | |
| 10-TZ-74 | 10.0 | 21.7 | 30.0 | 18.3 | 18.3 | 29.7 | 30.0 | 68.0 | 69.7 | 74.4 | 72.0 | 75.3 | |
| LSD VALUE | 9.7 | 10.9 | 18.5 | 32.1 | 32.1 | 51.2 | 47.5 | 15.9 | 10.1 | 11.2 | 10.8 | 13.2 | |
| C.V. (%) | 24.5 | 21.6 | 20.1 | 49.6 | 49.6 | 43.6 | 35.7 | 13.3 | 12.5 | 14.9 | 15.1 | 12.7 | |

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 8C. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF SEASHORE PASPALUM CULTIVARS
 IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT LEXINGTON, KY 1/ 3/
 2013 DATA

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

| NAME | FROST | PERCENT ESTABLISHMENT RATINGS | | | QUALITY RATINGS | | | |
|-----------|-----------|-------------------------------|---------|----------|-----------------|-----|-----|------|
| | TOLERANCE | SEPTEMBER | OCTOBER | NOVEMBER | AUG | SEP | OCT | MEAN |
| UGA 1743 | 6.0 | 30.0 | 36.7 | 60.0 | 8 | 6.7 | 5.3 | 6.7 |
| SEADWARF | 6.3 | 25.0 | 31.7 | 56.7 | 7 | 7.0 | 5.7 | 6.6 |
| LSD VALUE | 1.0 | 9.7 | 10.9 | 18.5 | 1 | 0.0 | 1.0 | 0.4 |
| C.V. (%) | 6.6 | 12.9 | 10.3 | 12.6 | 0 | 6.0 | 7.4 | 2.1 |

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/ DUE TO THE UNUSUALLY HARSH WINTER OF 2013, THE FOLLOWING ENTRIES WERE REPLANTED IN SUMMER 2014:

- #13 CTF-E3
- #14 CTF-B10
- #16 FAES 1301
- #17 10-TZ-74
- #19 DALZ 1306
- #22 DALZ 1309
- #23 DIAMOND

TABLE 9A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT MISS. ST., MS 1/
2013-17 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | SPRING DENSITY | SUMMER DENSITY | FALL DENSITY | WINTER COLOR | LEAF SPOT | APR | MAY | JUN | QUALITY RATINGS | | | | | MEAN |
|-------------|------------------|-------------------|-----------------|-------------------|-------------------|-----------------|-----------------|--------------|------|------|------|-----------------|------|------|------|------|------|
| | | | | | | | | | | | | JUL | AUG | SEP | OCT | NOV | |
| MSB-264 | 6.7 | 6.5 | 7.3 | 6.8 | 7.1 | 6.6 | 5.0 | 3.3 | 5.9 | 6.6 | 6.5 | 6.9 | 6.5 | 6.1 | 6.8 | 6.1 | 6.4 |
| MSB-285 | 6.8 | 6.3 | 7.3 | 6.7 | 7.2 | 6.7 | 5.0 | 3.3 | 5.9 | 6.4 | 6.6 | 6.8 | 6.4 | 6.2 | 6.5 | 6.2 | 6.4 |
| SUNDAY | 5.8 | 5.8 | 6.4 | 5.9 | 6.6 | 5.9 | 2.8 | 4.3 | 5.0 | 6.0 | 5.8 | 6.3 | 6.0 | 5.8 | 6.1 | 5.6 | 5.8 |
| TIFEAGLE | 6.3 | 4.8 | 6.3 | 6.1 | 6.6 | 5.6 | 2.5 | 7.0 | 4.8 | 5.8 | 6.0 | 6.2 | 6.3 | 5.8 | 6.1 | 5.3 | 5.8 |
| CTF-B10 | 6.2 | 4.6 | 6.8 | 5.9 | 6.4 | 5.8 | 2.2 | 7.7 | 4.3 | 5.5 | 5.8 | 5.8 | 6.0 | 5.8 | 6.0 | 5.5 | 5.6 |
| JK 110521 | 6.1 | 5.0 | 6.4 | 5.8 | 6.3 | 5.8 | 3.5 | 2.7 | 4.6 | 5.5 | 5.7 | 5.8 | 5.8 | 5.7 | 6.1 | 5.5 | 5.6 |
| MINI-VERDE | 6.3 | 4.5 | 6.7 | 5.9 | 6.4 | 5.8 | 2.0 | 7.7 | 4.7 | 5.8 | 5.7 | 5.8 | 6.0 | 5.9 | 5.9 | 5.4 | 5.6 |
| FAES 1302 | 5.8 | 4.8 | 6.3 | 5.4 | 6.0 | 5.5 | 3.0 | 5.3 | 4.6 | 5.3 | 5.2 | 5.7 | 5.6 | 5.3 | 5.6 | 5.1 | 5.3 |
| OKC-13-78-5 | 6.6 | 5.0 | 6.6 | 5.8 | 5.9 | 5.3 | 1.8 | 1.0 | 4.7 | 5.3 | 5.7 | 5.6 | 5.2 | 5.3 | 5.3 | 5.3 | 5.3 |
| 08-T-18 | 5.8 | 4.7 | 7.1 | 6.2 | 6.3 | 5.6 | 3.0 | 1.0 | 4.6 | 5.8 | 5.7 | 5.8 | 5.2 | 4.9 | 5.1 | 4.7 | 5.2 |
| 11-T-861 | 6.0 | 3.5 | 5.8 | 5.4 | 5.5 | 5.1 | 2.0 | 5.0 | 4.1 | 5.1 | 5.7 | 5.6 | 5.4 | 5.5 | 5.5 | 5.0 | 5.2 |
| OKC-16-13-8 | 7.2 | 5.0 | 6.8 | 5.7 | 5.5 | 4.5 | 1.5 | 1.3 | 5.0 | 5.6 | 5.7 | 5.5 | 4.9 | 4.7 | 4.3 | 4.6 | 5.0 |
| OKC-1-75-2 | 6.3 | 3.8 | 6.7 | 5.5 | 5.6 | 4.1 | 2.2 | 1.0 | 4.3 | 5.4 | 5.5 | 5.7 | 4.8 | 4.8 | 4.5 | 4.6 | 4.9 |
| TIFDWARF | 6.0 | 4.1 | 5.7 | 4.8 | 5.0 | 4.2 | 2.3 | 4.7 | 4.3 | 4.9 | 5.0 | 5.2 | 5.1 | 4.6 | 4.7 | 4.4 | 4.8 |
| CTF-E3 | 5.6 | 2.9 | 5.8 | 4.2 | 4.8 | 4.3 | 3.0 | 3.0 | 2.3 | 2.8 | 3.3 | 3.1 | 3.7 | 3.7 | 3.1 | 3.1 | 3.1 |
| LSD VALUE | 0.5 | 1.0 | 0.4 | 0.7 | 0.7 | 0.9 | 1.9 | 1.8 | 0.5 | 0.6 | 0.8 | 0.8 | 0.7 | 0.8 | 0.7 | 0.8 | 0.5 |
| C.V. (%) | 9.7 | 27.0 | 8.7 | 15.2 | 15.4 | 21.1 | 53.3 | 27.1 | 14.7 | 13.9 | 18.2 | 18.6 | 15.8 | 18.2 | 15.8 | 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.

TABLE 9A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT MISS. ST., MS 1/
2013-17 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | FALL COLOR | | | PERCENT ESTABLISHMENT RATINGS 2013 & 2014 | | | | | | BALL ROLL MAY THROUGH OCTOBER | | | | | |
|-------------|------------|----------|----------|---|-------------------|-----------------|------------------|---------------|-------------|-------------------------------|-------|-------|--------|-----------|---------|
| | OCTOBER | NOVEMBER | DECEMBER | 2013 AUGUST | 2013 SEPTEMBER | 2013 OCTOBER | 2013 NOVEMBER | 2014 APRIL | 2014 MAY | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER |
| MSB-264 | 8.0 | 5.6 | 4.0 | 65.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 89.7 | 81.6 | 78.8 | 61.0 | 76.8 | 86.7 |
| MSB-285 | 8.0 | 5.6 | 3.9 | 58.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.3 | 88.0 | 88.3 | 71.3 | 86.2 | 92.0 |
| SUNDAY | 7.0 | 4.0 | 1.9 | 58.3 | 97.7 | 97.7 | 99.0 | 99.0 | 99.0 | 102.0 | 97.2 | 101.8 | 80.3 | 100.6 | 98.0 |
| TIFEAGLE | 7.0 | 3.5 | 1.7 | 50.0 | 97.7 | 99.0 | 97.3 | 99.0 | 99.0 | 94.7 | 102.8 | 102.3 | 88.0 | 105.8 | 102.3 |
| CTF-B10 | 6.3 | 3.4 | 1.4 | 18.3 | 81.7 | 86.7 | 88.3 | 91.0 | 96.3 | 110.0 | 112.1 | 115.6 | 103.3 | 109.8 | 116.0 |
| JK 110521 | 7.0 | 3.9 | 1.9 | 43.3 | 93.3 | 95.7 | 96.0 | 99.0 | 99.0 | 106.0 | 102.7 | 105.2 | 90.0 | 107.5 | 110.7 |
| MINI-VERDE | 6.3 | 3.3 | 1.7 | 43.3 | 85.0 | 95.7 | 95.7 | 97.7 | 99.0 | 108.0 | 113.6 | 116.6 | 105.0 | 114.4 | 112.7 |
| FAES 1302 | 7.0 | 3.4 | 1.7 | 50.0 | 93.0 | 98.7 | 97.3 | 99.0 | 99.0 | 105.0 | 108.2 | 109.6 | 95.7 | 108.4 | 114.7 |
| OKC-13-78-5 | 6.3 | 3.7 | 1.9 | 40.0 | 91.3 | 94.0 | 95.7 | 97.7 | 99.0 | 96.7 | 88.7 | 93.9 | 70.7 | 91.6 | 86.0 |
| 08-T-18 | 7.3 | 3.6 | 2.1 | 48.3 | 91.3 | 96.0 | 97.7 | 96.0 | 99.0 | 92.3 | 89.6 | 92.8 | 76.3 | 92.4 | 92.0 |
| 11-T-861 | 6.3 | 3.2 | 1.5 | 50.0 | 94.3 | 98.7 | 99.0 | 99.0 | 99.0 | 93.7 | 87.8 | 90.7 | 72.7 | 88.1 | 79.3 |
| OKC-16-13-8 | 6.0 | 2.8 | 1.7 | 25.0 | 83.3 | 81.7 | 88.0 | 96.3 | 99.0 | 97.3 | 87.8 | 96.0 | 70.7 | 88.0 | 84.3 |
| OKC-1-75-2 | 6.7 | 3.6 | 1.9 | 41.7 | 93.0 | 97.3 | 95.7 | 97.7 | 99.0 | 90.0 | 87.9 | 89.1 | 66.7 | 89.3 | 79.7 |
| TIFDWARF | 5.0 | 3.0 | 1.8 | 43.3 | 91.3 | 96.0 | 98.3 | 98.7 | 99.0 | 105.0 | 105.4 | 113.7 | 92.0 | 119.2 | 105.3 |
| CTF-E3 | 6.0 | 2.5 | 1.9 | 9.0 | 51.7 | 56.7 | 63.3 | 55.0 | 65.0 | 103.0 | 100.3 | 102.4 | 85.0 | 100.2 | 106.0 |
| LSD VALUE | 0.5 | 0.7 | 0.5 | 14.5 | 9.0 | 7.3 | 6.7 | 6.4 | 2.1 | 8.7 | 10.1 | 12.5 | 14.1 | 10.1 | 16.1 |
| C.V. (%) | 5.2 | 24.0 | 38.5 | 21.1 | 6.5 | 5.1 | 4.6 | 4.4 | 1.5 | 5.1 | 11.3 | 13.7 | 10.6 | 13.6 | 9.8 |

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

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

TABLE 9B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT MISS. ST., MS 1/
2013-17 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | SPRING DENSITY | SUMMER DENSITY | FALL DENSITY | WINTER COLOR | QUALITY RATINGS | | | | | | | | MEAN |
|-----------|------------------|-------------------|-----------------|-------------------|-------------------|-----------------|-----------------|-----------------|------|------|------|-----|------|------|------|------|
| | | | | | | | | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | |
| DALZ 1308 | 6.7 | 6.1 | 7.2 | 6.8 | 7.6 | 7.3 | 4.2 | 4.9 | 6.0 | 6.8 | 7.0 | 6.8 | 6.6 | 6.8 | 6.7 | 6.5 |
| DALZ 1306 | 6.3 | 5.9 | 7.3 | 7.1 | 7.4 | 7.3 | 3.3 | 5.0 | 5.9 | 6.1 | 6.7 | 6.7 | 6.5 | 6.7 | 6.2 | 6.3 |
| DALZ 1307 | 6.9 | 6.1 | 7.4 | 6.8 | 7.4 | 7.3 | 4.0 | 4.2 | 5.7 | 6.0 | 6.5 | 6.6 | 6.6 | 6.7 | 6.9 | 6.2 |
| DALZ 1309 | 6.6 | 6.3 | 7.8 | 7.1 | 7.8 | 7.3 | 4.7 | 4.3 | 5.8 | 6.2 | 6.7 | 6.4 | 6.2 | 6.3 | 6.4 | 6.1 |
| DIAMOND | 6.6 | 6.1 | 6.7 | 6.3 | 6.8 | 6.7 | 3.8 | 4.7 | 5.3 | 5.9 | 6.3 | 6.7 | 6.3 | 6.4 | 6.2 | 6.0 |
| DALZ 1304 | 6.3 | 6.2 | 6.3 | 5.8 | 6.4 | 6.3 | 3.5 | 4.4 | 5.4 | 6.0 | 6.0 | 6.2 | 6.0 | 6.2 | 6.2 | 5.9 |
| DALZ 1305 | 6.6 | 6.0 | 6.0 | 5.6 | 6.3 | 6.1 | 4.7 | 5.0 | 5.4 | 5.5 | 5.8 | 6.1 | 6.0 | 6.1 | 6.0 | 5.8 |
| L1F | 6.1 | 6.5 | 6.2 | 5.8 | 6.3 | 6.3 | 4.5 | 4.4 | 5.0 | 5.9 | 6.2 | 6.3 | 5.6 | 5.8 | 6.0 | 5.7 |
| FAES 1301 | 6.8 | 6.0 | 8.0 | 7.0 | 7.8 | 6.9 | 3.5 | 5.0 | 5.3 | 5.3 | 5.7 | 5.0 | 4.7 | 4.6 | 5.6 | 5.1 |
| ZOYSIU | 5.9 | 6.5 | 5.0 | 5.1 | 5.5 | 5.4 | 2.8 | 5.0 | 5.4 | 5.2 | 5.3 | 5.2 | 4.8 | 5.0 | 5.0 | 5.1 |
| 10-TZ-74 | 6.0 | 6.4 | 8.4 | 6.5 | 6.6 | 7.2 | 2.5 | 4.9 | 5.8 | 4.5 | 4.7 | 4.3 | 5.2 | 5.2 | 4.8 | 4.7 |
| LSD VALUE | 0.4 | 1.5 | 0.3 | 0.5 | 0.4 | 0.5 | 0.8 | 2.1 | 0.9 | 0.7 | 0.5 | 0.4 | 0.8 | 0.6 | 0.5 | 0.3 |
| C.V. (%) | 7.1 | 14.9 | 5.8 | 11.2 | 7.6 | 8.8 | 19.3 | 24.7 | 12.3 | 14.1 | 10.8 | 8.7 | 15.7 | 12.2 | 10.8 | 6.7 |

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

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

TABLE 9B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT MISS. ST., MS 1/
2013-17 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | FALL | FALL | FALL | PERCENT ESTABLISHMENT RATINGS 2013 & 2014 | | | | | | BALL ROLL MEASUREMENTS MAY-OCTOBER | | | | | |
|-----------|---------|----------|----------|---|-----------|---------|----------|-------|------|------------------------------------|-------|-------|--------|-----------|---------|
| | COLOR | COLOR | COLOR | 2013 | 2013 | 2013 | 2013 | 2014 | 2014 | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER |
| | OCTOBER | NOVEMBER | DECEMBER | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | APRIL | MAY | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER |
| DALZ 1308 | 7.7 | 6.1 | 5.2 | 15.0 | 33.3 | 38.3 | 50.0 | 58.3 | 84.3 | 81.7 | 76.8 | 77.7 | 84.7 | 74.8 | 87.0 |
| DALZ 1306 | 8.0 | 5.8 | 4.7 | 15.0 | 31.7 | 36.7 | 43.3 | 63.3 | 88.3 | 87.7 | 80.8 | 87.4 | 92.3 | 79.8 | 94.0 |
| DALZ 1307 | 7.7 | 6.1 | 5.3 | 15.0 | 31.7 | 33.3 | 41.7 | 61.7 | 81.7 | 98.3 | 89.0 | 88.2 | 93.0 | 83.9 | 100.0 |
| DALZ 1309 | 7.7 | 6.2 | 5.7 | 15.0 | 30.0 | 35.0 | 41.7 | 61.7 | 80.0 | 88.3 | 78.1 | 84.4 | 94.0 | 78.6 | 96.7 |
| DIAMOND | 8.0 | 5.8 | 5.1 | 18.3 | 30.0 | 33.3 | 41.7 | 60.0 | 83.3 | 86.0 | 77.4 | 77.7 | 69.7 | 74.1 | 79.7 |
| DALZ 1304 | 8.0 | 5.7 | 5.3 | 16.7 | 40.0 | 51.7 | 60.0 | 73.3 | 93.3 | 81.3 | 79.7 | 76.8 | 74.7 | 72.5 | 74.3 |
| DALZ 1305 | 8.0 | 6.0 | 5.1 | 16.7 | 36.7 | 46.7 | 65.0 | 73.3 | 89.0 | 81.3 | 73.7 | 73.9 | 73.0 | 70.0 | 75.0 |
| L1F | 8.0 | 5.6 | 4.9 | 23.3 | 55.0 | 73.3 | 81.7 | 88.3 | 97.7 | 87.3 | 75.8 | 74.9 | 71.0 | 74.6 | 76.0 |
| FAES 1301 | 7.3 | 5.3 | 4.6 | 20.0 | 31.7 | 31.7 | 36.7 | 63.3 | 81.7 | 77.3 | 76.1 | 78.0 | 69.3 | 74.4 | 79.7 |
| ZOYSIU | 8.0 | 5.4 | 4.7 | 15.0 | 35.0 | 41.7 | 50.0 | 63.3 | 90.0 | 80.7 | 72.7 | 70.6 | 62.3 | 69.2 | 75.3 |
| 10-TZ-74 | 7.7 | 5.3 | 3.4 | 16.7 | 30.0 | 33.3 | 36.7 | 55.0 | 75.0 | 95.3 | 108.2 | 106.8 | 113.3 | 94.0 | 110.0 |
| LSD VALUE | 1.4 | 0.8 | 0.7 | 4.4 | 7.4 | 10.8 | 18.9 | 11.1 | 11.4 | 14.8 | 14.1 | 10.5 | 10.7 | 9.2 | 19.3 |
| C.V. (%) | 6.3 | 13.7 | 19.3 | 14.0 | 12.8 | 16.0 | 21.6 | 10.0 | 7.1 | 8.3 | 16.8 | 13.9 | 8.3 | 14.0 | 12.3 |

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

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

TABLE 9C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF SEASHORE PASPALUM CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT MISS. ST., MS 1/
2013-17 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | SPRING DENSITY | SUMMER DENSITY | FALL DENSITY | WINTER COLOR | APR | MAY | JUN | QUALITY RATINGS | | | | | MEAN |
|-----------|------------------|-------------------|-----------------|-------------------|-------------------|-----------------|-----------------|-----|------|------|-----------------|-----|------|------|------|------|
| | | | | | | | | | | | JUL | AUG | SEP | OCT | NOV | |
| SEADWARF | 6.7 | 5.9 | 5.8 | 4.5 | 6.0 | 5.3 | 3.8 | 5.0 | 5.5 | 5.5 | 5.8 | 6.2 | 5.8 | 5.9 | 5.6 | 5.6 |
| UGA 1743 | 6.8 | 4.8 | 5.8 | 4.3 | 5.9 | 4.8 | 3.0 | 4.3 | 5.2 | 5.6 | 5.8 | 6.1 | 5.7 | 5.5 | 4.8 | 5.4 |
| LSD VALUE | 0.4 | 1.5 | 0.3 | 0.5 | 0.4 | 0.5 | 0.8 | 2.1 | 0.9 | 0.7 | 0.5 | 0.4 | 0.8 | 0.6 | 0.5 | 0.3 |
| C.V. (%) | 6.9 | 21.6 | 7.6 | 25.4 | 5.7 | 13.9 | 33.8 | 9.7 | 11.5 | 16.8 | 8.0 | 8.8 | 10.2 | 18.3 | 16.1 | 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 9C.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF SEASHORE PASPALUM CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT MISS. ST., MS 1/
2013-17 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | FALL COLOR OCTOBER | FALL COLOR NOVEMBER | FALL COLOR DECEMBER | PERCENT ESTABLISHMENT RATINGS 2013 & 2014 | | | | | | BALL ROLL MEASUREMENTS MAY-OCTOBER | | | | | | |
|-----------|--------------------------|---------------------------|---------------------------|---|-------------------|-----------------|------------------|---------------|-------------|------------------------------------|------|------|--------|-----------|---------|------|
| | | | | 2013 AUGUST | 2013 SEPTEMBER | 2013 OCTOBER | 2013 NOVEMBER | 2014 APRIL | 2014 MAY | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | |
| SEADWARF | 6.7 | 5.0 | 3.9 | 35.0 | 90.0 | 94.3 | 99.0 | 99.0 | 99.0 | 99.0 | 81.7 | 75.9 | 83.9 | 80.3 | 75.0 | 87.3 |
| UGA 1743 | 6.0 | 4.0 | 3.1 | 36.7 | 90.0 | 86.7 | 99.0 | 99.0 | 99.0 | 99.0 | 81.3 | 81.0 | 85.9 | 76.3 | 76.0 | 95.0 |
| LSD VALUE | 1.4 | 0.8 | 0.7 | 4.4 | 7.4 | 10.8 | 18.9 | 11.1 | 11.4 | 14.8 | 14.1 | 10.5 | 10.7 | 9.2 | 19.3 | |
| C.V. (%) | 6.4 | 34.4 | 33.2 | 5.7 | 0.0 | 3.6 | 0.0 | 0.0 | 0.0 | 3.5 | 16.5 | 11.2 | 10.1 | 4.9 | 19.2 | |

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

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

TABLE 10A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
AT COLLEGE STATION, TX 1/
2013-17 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | QUALITY RATINGS | | | | | | | | MEAN |
|-------------|------------------|-------------------|-----------------|-----------------|------|------|------|------|------|------|------|------|
| | | | | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | |
| MSB-285 | 7.4 | 7.2 | 7.7 | 7.0 | 7.2 | 6.3 | 6.8 | 7.3 | 7.5 | 7.6 | 7.5 | 7.2 |
| MSB-264 | 7.6 | 6.8 | 7.8 | 6.8 | 7.2 | 6.2 | 6.8 | 7.2 | 7.3 | 7.3 | 7.7 | 7.1 |
| 08-T-18 | 7.3 | 6.2 | 7.7 | 7.0 | 7.0 | 6.4 | 6.1 | 7.1 | 6.8 | 6.8 | 6.0 | 6.7 |
| OKC-13-78-5 | 6.5 | 7.8 | 7.2 | 7.3 | 6.4 | 6.8 | 6.2 | 6.6 | 6.3 | 6.5 | 6.0 | 6.5 |
| MINI-VERDE | 7.6 | 4.5 | 6.9 | 5.1 | 5.9 | 6.7 | 6.5 | 7.1 | 6.5 | 6.5 | 6.5 | 6.4 |
| FAES 1302 | 7.3 | 4.5 | 6.3 | 5.0 | 5.9 | 6.2 | 6.4 | 7.1 | 6.5 | 6.3 | 6.2 | 6.3 |
| JK 110521 | 7.3 | 4.5 | 6.4 | 4.9 | 5.9 | 6.6 | 6.6 | 6.8 | 6.3 | 6.4 | 6.2 | 6.3 |
| SUNDAY | 6.8 | 4.8 | 6.5 | 5.1 | 5.7 | 6.2 | 6.4 | 6.8 | 6.4 | 6.5 | 6.5 | 6.3 |
| CTF-B10 | 6.9 | 3.8 | 6.7 | 4.3 | 4.9 | 5.8 | 5.9 | 6.4 | 6.6 | 6.3 | 6.0 | 5.9 |
| TIFEAGLE | 6.9 | 4.2 | 6.5 | 4.9 | 5.1 | 5.8 | 6.2 | 6.4 | 6.1 | 6.3 | 5.5 | 5.9 |
| OKC-16-13-8 | 6.4 | 6.8 | 6.7 | 7.2 | 6.3 | 6.2 | 5.2 | 5.7 | 5.3 | 4.8 | 4.5 | 5.7 |
| 11-T-861 | 5.8 | 5.5 | 6.0 | 5.4 | 5.3 | 5.2 | 5.9 | 6.0 | 5.6 | 5.4 | 4.8 | 5.5 |
| OKC-1-75-2 | 6.1 | 5.7 | 6.3 | 5.7 | 5.6 | 5.7 | 5.3 | 5.7 | 5.0 | 5.2 | 5.3 | 5.4 |
| CTF-E3 | 6.3 | 4.7 | 6.1 | 4.7 | 4.7 | 5.2 | 5.7 | 5.6 | 5.0 | 5.3 | 4.0 | 5.2 |
| TIFDWARF | 6.2 | 4.7 | 5.3 | 4.7 | 4.3 | 4.9 | 5.4 | 5.8 | 4.8 | 4.8 | 4.0 | 5.0 |
| LSD VALUE | 0.7 | 1.7 | 0.6 | 1.0 | 1.3 | 1.0 | 1.0 | 0.7 | 0.8 | 0.7 | 1.6 | 0.5 |
| C.V. (%) | 12.6 | 26.8 | 12.4 | 20.1 | 22.6 | 16.2 | 17.9 | 14.3 | 17.6 | 14.5 | 23.6 | 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 10A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
AT COLLEGE STATION, TX 1/
2013-17 DATA

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

| NAME | SUMMER DENSITY | FALL DENSITY | WINTER COLOR | FALL COLOR | | 09/11/13 | 09/30/13 | PERCENT ESTABLISHMENT | | | |
|-------------|-------------------|-----------------|-----------------|------------|----------|----------|----------|-----------------------|---------|---------|---------|
| | | | | NOVEMBER | DECEMBER | | | 10/30/13 | 04/2014 | 05/2014 | 06/2014 |
| MSB-285 | 8.3 | 8.3 | 6.5 | 8.2 | 7.0 | 90.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| MSB-264 | 8.2 | 8.0 | 6.8 | 8.2 | 7.0 | 93.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 08-T-18 | 8.5 | 8.0 | 4.2 | 5.7 | 2.0 | 95.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| OKC-13-78-5 | 7.3 | 7.0 | 4.7 | 3.8 | 3.7 | 91.7 | 97.7 | 99.0 | 99.0 | 99.0 | 99.0 |
| MINI-VERDE | 7.3 | 7.3 | 5.3 | 5.5 | 2.0 | 75.0 | 91.7 | 96.3 | 96.3 | 99.0 | 99.0 |
| FAES 1302 | 7.5 | 7.2 | 5.2 | 6.2 | 2.3 | 76.7 | 91.7 | 96.0 | 97.7 | 99.0 | 99.0 |
| JK 110521 | 7.0 | 7.2 | 4.8 | 5.3 | 2.0 | 85.0 | 95.0 | 99.0 | 97.7 | 99.0 | 99.0 |
| SUNDAY | 7.3 | 7.2 | 4.8 | 5.8 | 3.0 | 68.3 | 91.7 | 97.7 | 97.7 | 99.0 | 99.0 |
| CTF-B10 | 7.3 | 7.2 | 4.5 | 5.0 | 1.7 | 60.0 | 83.3 | 89.7 | 93.0 | 97.7 | 97.7 |
| TIFEAGLE | 7.0 | 6.7 | 5.0 | 4.7 | 1.7 | 78.3 | 91.7 | 97.7 | 96.3 | 99.0 | 99.0 |
| OKC-16-13-8 | 6.8 | 5.2 | 3.3 | 2.8 | 1.0 | 83.3 | 94.7 | 96.3 | 97.7 | 99.0 | 99.0 |
| 11-T-861 | 6.3 | 5.8 | 4.0 | 4.7 | 1.3 | 88.3 | 96.3 | 99.0 | 96.3 | 99.0 | 99.0 |
| OKC-1-75-2 | 7.0 | 6.0 | 4.3 | 3.7 | 4.0 | 88.3 | 99.0 | 99.0 | 96.0 | 99.0 | 99.0 |
| CTF-E3 | 5.0 | 4.0 | 4.8 | 2.3 | 1.7 | 46.7 | 76.7 | 78.3 | 88.3 | 93.0 | 96.3 |
| TIFDWARF | 6.0 | 4.5 | 4.8 | 4.0 | 2.3 | 68.3 | 88.0 | 91.3 | 89.7 | 92.7 | 92.7 |
| LSD VALUE | 0.9 | 1.1 | 0.9 | 2.1 | 0.9 | 16.0 | 10.9 | 7.0 | 10.7 | 8.4 | 8.4 |
| C.V. (%) | 11.4 | 16.0 | 17.2 | 36.1 | 21.4 | 12.2 | 6.4 | 4.3 | 4.7 | 3.3 | 3.1 |

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

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

TABLE 10B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
AT COLLEGE STATION, TX 1/
2013-17 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | QUALITY RATINGS | | | | | | | | MEAN |
|-----------|------------------|-------------------|-----------------|-----------------|------|------|------|------|------|------|------|------|
| | | | | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | |
| DALZ 1308 | 7.8 | 5.2 | 7.6 | 4.6 | 5.8 | 6.1 | 6.9 | 7.6 | 7.2 | 7.3 | 8.0 | 6.8 |
| DALZ 1306 | 7.2 | 5.7 | 7.3 | 5.0 | 5.6 | 5.7 | 6.8 | 6.9 | 6.8 | 6.6 | 7.0 | 6.4 |
| DALZ 1309 | 7.3 | 5.2 | 7.7 | 4.4 | 5.0 | 5.6 | 6.6 | 7.3 | 6.8 | 6.8 | 7.5 | 6.4 |
| L1F | 6.8 | 4.8 | 5.8 | 4.6 | 5.2 | 5.7 | 6.1 | 6.8 | 6.1 | 6.5 | 7.3 | 6.1 |
| DALZ 1304 | 6.8 | 5.3 | 5.6 | 4.3 | 5.6 | 5.9 | 6.1 | 6.4 | 6.0 | 6.4 | 6.7 | 6.0 |
| DALZ 1307 | 6.4 | 4.7 | 7.0 | 4.4 | 5.0 | 5.2 | 5.8 | 6.3 | 6.4 | 6.2 | 6.5 | 5.9 |
| DIAMOND | 6.4 | 5.3 | 6.7 | 4.9 | 5.0 | 5.0 | 5.9 | 6.4 | 6.0 | 6.3 | 6.7 | 5.9 |
| DALZ 1305 | 6.8 | 5.0 | 4.9 | 5.0 | 5.7 | 5.6 | 5.9 | 5.9 | 6.0 | 5.9 | 6.7 | 5.8 |
| FAES 1301 | 6.0 | 6.0 | 7.3 | 4.3 | 4.2 | 4.3 | 5.3 | 5.9 | 5.9 | 6.7 | 7.7 | 5.6 |
| ZOYSIU | 5.2 | 6.5 | 5.3 | 5.0 | 5.3 | 5.2 | 5.6 | 5.7 | 4.9 | 5.3 | 6.2 | 5.4 |
| 10-TZ-74 | 6.0 | 5.3 | 6.4 | 4.8 | 4.2 | 4.6 | 4.9 | 5.5 | 5.5 | 6.2 | 5.5 | 5.2 |
| LSD VALUE | 0.7 | 1.9 | 0.8 | 2.3 | 1.6 | 1.4 | 0.9 | 0.7 | 1.0 | 1.0 | 1.4 | 0.9 |
| C.V. (%) | 13.5 | 20.5 | 17.1 | 26.0 | 24.3 | 22.0 | 18.6 | 14.2 | 18.9 | 16.7 | 15.3 | 16.4 |

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

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

TABLE 10B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
AT COLLEGE STATION, TX 1/
2013-17 DATA

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

| NAME | SUMMER DENSITY | FALL DENSITY | WINTER COLOR | FALL COLOR | | SEEDHEAD | 09/11/13 | PERCENT ESTABLISHMENT | | | | |
|-----------|-------------------|-----------------|-----------------|------------|----------|----------|----------|-----------------------|----------|---------|---------|---------|
| | | | | NOVEMBER | DECEMBER | | | 09/30/13 | 10/30/13 | 04/2014 | 05/2014 | 06/2014 |
| DALZ 1308 | 8.3 | 8.5 | 5.8 | 7.8 | 8.7 | 9.0 | 50.0 | 70.0 | 80.0 | 80.0 | 91.3 | 96.0 |
| DALZ 1306 | 8.0 | 8.0 | 4.8 | 6.5 | 6.7 | 7.0 | 53.3 | 80.0 | 90.0 | 88.3 | 97.7 | 94.7 |
| DALZ 1309 | 8.2 | 8.2 | 5.5 | 7.8 | 7.3 | 8.7 | 46.7 | 70.0 | 80.0 | 81.7 | 88.3 | 93.3 |
| L1F | 7.7 | 7.5 | 5.3 | 7.3 | 6.3 | 7.0 | 56.7 | 80.0 | 90.0 | 93.3 | 99.0 | 99.0 |
| DALZ 1304 | 7.5 | 7.0 | 5.0 | 7.2 | 7.7 | 8.0 | 50.0 | 71.7 | 86.7 | 81.7 | 96.3 | 97.7 |
| DALZ 1307 | 7.3 | 7.3 | 5.3 | 6.2 | 7.3 | 8.3 | 43.3 | 50.0 | 76.7 | 78.3 | 88.0 | 91.3 |
| DIAMOND | 7.3 | 7.2 | 5.2 | 6.2 | 6.7 | 8.0 | 53.3 | 80.0 | 86.7 | 81.7 | 95.0 | 91.7 |
| DALZ 1305 | 7.2 | 6.5 | 5.0 | 8.0 | 7.3 | 8.3 | 53.3 | 78.3 | 90.0 | 90.0 | 97.7 | 96.3 |
| FAES 1301 | 7.7 | 8.0 | 5.5 | 7.3 | 8.7 | 9.0 | 50.0 | 60.0 | 80.0 | 75.0 | 91.7 | 90.0 |
| ZOYSIU | 6.3 | 5.7 | 4.7 | 6.8 | 4.7 | 6.7 | 46.7 | 61.7 | 78.3 | 85.0 | 97.7 | 95.0 |
| 10-TZ-74 | 6.0 | 6.8 | 5.2 | 6.2 | 6.0 | 8.7 | 43.3 | 50.0 | 70.0 | 75.0 | 90.0 | 88.3 |
| LSD VALUE | 0.9 | 1.2 | 2.5 | 2.4 | 1.9 | 1.0 | 14.4 | 8.7 | 6.7 | 5.4 | 12.7 | 7.9 |
| C.V. (%) | 10.8 | 13.6 | 21.7 | 20.3 | 14.8 | 7.1 | 12.3 | 8.0 | 4.9 | 4.0 | 5.9 | 4.0 |

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 10C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF SEASHORE PASPALUM CULTIVARS
AT COLLEGE STATION, TX 1/
2013-17 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | QUALITY RATINGS | | | | | | | | | MEAN |
|-----------|------------------|-------------------|-----------------|-----------------|------|------|------|------|------|------|------|------|------|
| | | | | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | | |
| UGA 1743 | 6.2 | 5.3 | 5.5 | 6.2 | 5.4 | 6.3 | 6.6 | 6.8 | 6.5 | 6.3 | 6.3 | 6.3 | |
| SEADWARF | 6.3 | 6.5 | 5.3 | 6.3 | 5.9 | 6.0 | 6.3 | 6.4 | 6.1 | 6.1 | 6.7 | 6.2 | |
| LSD VALUE | 0.7 | 1.9 | 0.8 | 2.3 | 1.6 | 1.4 | 0.9 | 0.7 | 1.0 | 1.0 | 1.4 | 0.9 | |
| C.V. (%) | 15.8 | 9.8 | 9.5 | 18.8 | 21.5 | 19.2 | 15.2 | 12.0 | 15.6 | 14.2 | 15.5 | 12.7 | |

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 10C.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF SEASHORE PASPALUM CULTIVARS
AT COLLEGE STATION, TX 1/
2013-17 DATA

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

| NAME | SUMMER DENSITY | FALL DENSITY | WINTER COLOR | FALL COLOR | | PERCENT ESTABLISHMENT | | | | | |
|-----------|-------------------|-----------------|-----------------|------------|----------|-----------------------|----------|----------|---------|---------|---------|
| | | | | NOVEMBER | DECEMBER | 09/11/13 | 09/30/13 | 10/30/13 | 04/2014 | 05/2014 | 06/2014 |
| UGA 1743 | 7.2 | 6.5 | 5.7 | 6.0 | 4.0 | 90.0 | 96.3 | 99.0 | 99.0 | 99.0 | 99.0 |
| SEADWARF | 7.5 | 6.7 | 5.2 | 6.0 | 5.0 | 88.3 | 95.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| LSD VALUE | 0.9 | 1.2 | 2.5 | 2.4 | 1.9 | 14.4 | 8.7 | 6.7 | 5.4 | 12.7 | 7.9 |
| C.V. (%) | 12.0 | 8.8 | 22.6 | 11.8 | 0.0 | 4.6 | 1.7 | 0.0 | 0.0 | 0.0 | 0.0 |

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 11A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT RICHMOND, VA (COUNTRY CLUB OF VA) 1/
2014-17 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | QUALITY RATINGS | | | | | | | | MEAN |
|-------------|------------------|-------------------|-----------------|-----------------|------|------|------|------|------|------|------|------|
| | | | | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | |
| JK 110521 | 4.0 | 7.3 | 7.3 | 4.7 | 4.9 | 5.3 | 5.7 | 5.7 | 7.1 | 5.8 | 2.8 | 5.4 |
| MSB-264 | 3.5 | 7.3 | 7.7 | 4.2 | 5.1 | 5.1 | 5.5 | 5.3 | 5.3 | 5.2 | 4.5 | 5.2 |
| 08-T-18 | 4.7 | 5.7 | 8.0 | 3.0 | 5.3 | 6.0 | 5.7 | 5.7 | 4.8 | 4.3 | 2.8 | 5.1 |
| MSB-285 | 3.8 | 7.7 | 7.7 | 4.0 | 5.3 | 5.0 | 5.4 | 5.3 | 5.0 | 4.8 | 4.7 | 5.1 |
| CTF-B10 | 3.7 | 5.0 | 7.3 | 4.2 | 4.7 | 4.8 | 5.3 | 5.3 | 6.1 | 4.9 | 2.5 | 4.9 |
| FAES 1302 | 4.2 | 6.7 | 7.3 | 4.3 | 4.3 | 4.6 | 4.8 | 4.6 | 6.1 | 4.9 | 2.8 | 4.7 |
| OKC-16-13-8 | 4.8 | 4.3 | 6.7 | 3.0 | 5.4 | 4.8 | 5.1 | 5.3 | 5.3 | 3.7 | 2.2 | 4.6 |
| TIFEAGLE | 4.2 | 5.0 | 6.3 | 3.3 | 4.6 | 4.4 | 4.7 | 5.2 | 5.7 | 4.5 | 2.5 | 4.6 |
| OKC-1-75-2 | 5.8 | 4.0 | 6.0 | 2.8 | 5.2 | 4.8 | 4.9 | 4.7 | 4.6 | 3.4 | 3.5 | 4.5 |
| OKC-13-78-5 | 5.3 | 5.0 | 6.7 | 3.3 | 4.8 | 4.5 | 4.9 | 4.4 | 4.9 | 4.3 | 3.0 | 4.5 |
| MINI-VERDE | 4.0 | 4.7 | 6.7 | 3.0 | 4.1 | 4.3 | 4.5 | 4.4 | 5.2 | 4.2 | 2.2 | 4.3 |
| SUNDAY | 2.7 | 6.3 | 7.7 | 3.3 | 3.8 | 3.8 | 4.5 | 5.3 | 5.0 | 4.6 | 3.0 | 4.3 |
| 11-T-861 | 3.3 | 4.3 | 5.3 | 1.8 | 3.2 | 3.1 | 4.0 | 3.7 | 4.3 | 3.2 | 2.0 | 3.4 |
| TIFDWARF | 4.0 | 2.7 | 5.0 | 2.5 | 3.3 | 3.2 | 3.8 | 4.0 | 4.0 | 3.3 | 2.3 | 3.4 |
| CTF-E3 | 3.5 | 1.7 | 7.0 | 1.8 | 2.3 | 2.1 | 2.4 | 2.2 | 2.6 | 2.3 | 1.5 | 2.2 |
| LSD VALUE | 8.2 | 1.0 | 0.8 | 2.5 | 1.1 | 0.8 | 1.0 | 0.8 | 1.3 | 1.0 | 0.9 | 0.7 |
| C.V. (%) | 76.5 | 13.1 | 7.2 | 48.6 | 32.0 | 25.1 | 26.2 | 19.5 | 28.2 | 30.3 | 29.9 | 21.1 |

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

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

TABLE 11A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT RICHMOND,VA (COUNTRY CLUB OF VA)
2014-17 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | DOLLAR SPOT | FALL | FALL | SEEDHEAD RATINGS | PERCENT GROUND COVER | | | BALL ROLL MEASUREMENTS | | | |
|-------------|-------------|---------------|----------------|------------------|----------------------|------|------|------------------------|--------|-----------|---------|
| | | COLOR OCTOBER | COLOR NOVEMBER | | MAY | JUNE | JULY | JULY | AUGUST | SEPTEMBER | OCTOBER |
| JK 110521 | 4.0 | 5.7 | 3.2 | 9 | 99.0 | 99.0 | 99.0 | 100.5 | 100.0 | 88.0 | 101.0 |
| MSB-264 | 6.3 | 5.5 | 7.3 | 9 | 99.0 | 99.0 | 99.0 | 78.3 | 88.8 | 76.9 | 90.0 |
| 08-T-18 | 7.0 | 3.7 | 2.7 | 9 | 99.0 | 99.0 | 99.0 | 80.2 | 86.7 | 82.0 | 91.3 |
| MSB-285 | 7.7 | 4.8 | 7.5 | 9 | 96.3 | 99.0 | 99.0 | 77.7 | 86.7 | 81.8 | 88.3 |
| CTF-B10 | 4.7 | 4.7 | 1.5 | 9 | 93.3 | 95.0 | 96.3 | 108.0 | 108.8 | 102.2 | 104.0 |
| FAES 1302 | 3.0 | 5.0 | 2.7 | 9 | 99.0 | 99.0 | 99.0 | 105.8 | 100.0 | 95.8 | 97.7 |
| OKC-16-13-8 | 7.3 | 2.5 | 1.3 | 9 | 96.3 | 99.0 | 99.0 | 78.2 | 84.5 | 80.2 | 103.7 |
| TIFEAGLE | 7.0 | 3.8 | 1.8 | 9 | 99.0 | 99.0 | 99.0 | 102.0 | 104.5 | 95.7 | 104.7 |
| OKC-1-75-2 | 5.0 | 2.3 | 3.3 | 9 | 99.0 | 99.0 | 99.0 | 80.2 | 88.3 | 79.6 | 92.0 |
| OKC-13-78-5 | 8.0 | 3.5 | 2.3 | 9 | 99.0 | 99.0 | 99.0 | 77.5 | 86.2 | 81.2 | 99.3 |
| MINI-VERDE | 7.0 | 3.8 | 2.0 | 9 | 99.0 | 99.0 | 97.7 | 104.3 | 106.0 | 100.6 | 103.7 |
| SUNDAY | 6.3 | 4.0 | 4.0 | 9 | 97.7 | 99.0 | 99.0 | 93.8 | 101.3 | 90.8 | 99.3 |
| 11-T-861 | 6.3 | 2.0 | 1.5 | 9 | 96.3 | 99.0 | 99.0 | 83.8 | 91.0 | 86.4 | 96.0 |
| TIFDWARF | 8.0 | 3.0 | 2.0 | 9 | 93.3 | 99.0 | 97.7 | 96.8 | 101.5 | 99.9 | 110.0 |
| CTF-E3 | 2.3 | 2.8 | 1.3 | 9 | 28.3 | 40.0 | 48.3 | 95.2 | 95.5 | 58.4 | 0.0 |
| LSD VALUE | 2.8 | 0.8 | 0.9 | 0 | 5.9 | 3.9 | 5.9 | 16.7 | 11.8 | 15.4 | 7.2 |
| C.V. (%) | 26.2 | 20.7 | 29.2 | 0 | 4.2 | 2.7 | 4.1 | 15.6 | 10.5 | 18.9 | 5.2 |

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 11B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT RICHMOND, VA (COUNTRY CLUB OF VA)
2014-17 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | QUALITY RATINGS | | | | | | | | MEAN |
|-----------|------------------|-------------------|-----------------|-----------------|------|------|------|------|------|------|------|------|
| | | | | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | |
| DALZ 1308 | 5.7 | 7.7 | 6.0 | 5.0 | 3.9 | 5.5 | 6.7 | 7.7 | 7.3 | 7.3 | 7.0 | 6.2 |
| FAES 1301 | 4.8 | 9.0 | 7.3 | 5.0 | 5.1 | 5.8 | 6.1 | 6.6 | 6.8 | 7.3 | 6.5 | 6.1 |
| L1F | 4.8 | 9.0 | 5.3 | 5.5 | 5.3 | 5.7 | 5.8 | 5.6 | 5.8 | 6.4 | 5.2 | 5.8 |
| DALZ 1306 | 4.8 | 8.3 | 7.3 | 3.5 | 4.8 | 5.4 | 5.2 | 6.8 | 6.1 | 6.8 | 6.5 | 5.6 |
| DALZ 1307 | 4.8 | 7.7 | 6.7 | 4.2 | 3.2 | 5.4 | 6.1 | 7.6 | 6.4 | 6.8 | 5.5 | 5.6 |
| DALZ 1304 | 4.5 | 7.0 | 4.7 | 4.5 | 4.0 | 5.2 | 5.5 | 5.9 | 6.2 | 6.3 | 5.0 | 5.3 |
| DIAMOND | 5.0 | 7.0 | 6.0 | 3.2 | 4.0 | 4.9 | 5.4 | 6.0 | 5.9 | 5.7 | 4.5 | 5.0 |
| DALZ 1305 | 4.8 | 8.0 | 4.3 | 3.5 | 3.7 | 4.5 | 5.1 | 5.4 | 4.8 | 6.0 | 5.5 | 4.8 |
| ZOYSIU | 4.3 | 3.7 | 4.0 | 3.8 | 4.4 | 4.5 | 4.7 | 4.7 | 4.7 | 5.4 | 3.5 | 4.6 |
| DALZ 1309 | 3.5 | 8.0 | 5.0 | 3.8 | 3.6 | 4.5 | 5.0 | 6.6 | 5.1 | 4.8 | 3.7 | 4.4 |
| 10-TZ-74 | 4.2 | 6.0 | 7.7 | 3.5 | 3.7 | 3.6 | 2.9 | 3.2 | 3.4 | 3.9 | 3.8 | 3.5 |
| LSD VALUE | 3.6 | 1.3 | 2.9 | 0.9 | 1.0 | 1.4 | 0.8 | 0.8 | 1.2 | 1.1 | 2.0 | 0.8 |
| C.V. (%) | 36.4 | 11.0 | 24.2 | 19.7 | 29.2 | 28.9 | 20.5 | 15.0 | 22.9 | 23.6 | 31.1 | 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.

TABLE 11B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT RICHMOND,VA (COUNTRY CLUB OF VA)
2014-17 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | DOLLAR SPOT | FALL | FALL | SEEDHEAD RATINGS | PERCENT GROUND COVER | | | BALL ROLL MEASUREMENTS | | | |
|-----------|----------------|------------------|-------------------|---------------------|----------------------|------|------|------------------------|--------|-----------|---------|
| | | COLOR OCTOBER | COLOR NOVEMBER | | MAY | JUNE | JULY | JULY | AUGUST | SEPTEMBER | OCTOBER |
| DALZ 1308 | 7.3 | 9.0 | 6.8 | 4.0 | 81.7 | 86.7 | 96.3 | 85.5 | 91.8 | 82.6 | 100.3 |
| FAES 1301 | 6.0 | 8.7 | 7.0 | 9.0 | 81.7 | 81.7 | 95.0 | 78.2 | 87.2 | 78.7 | 96.3 |
| L1F | 8.0 | 6.8 | 6.7 | 9.0 | 94.7 | 97.7 | 99.0 | 76.0 | 85.5 | 75.7 | 84.3 |
| DALZ 1306 | 6.3 | 8.3 | 6.2 | 7.3 | 83.3 | 83.3 | 93.3 | 83.3 | 86.0 | 79.1 | 102.0 |
| DALZ 1307 | 7.3 | 8.3 | 6.0 | 1.0 | 76.7 | 81.7 | 91.7 | 92.5 | 96.7 | 82.3 | 111.0 |
| DALZ 1304 | 5.3 | 7.2 | 6.2 | 1.0 | 80.0 | 86.7 | 93.3 | 75.3 | 80.7 | 74.1 | 84.3 |
| DIAMOND | 7.0 | 5.7 | 5.0 | 6.7 | 75.0 | 76.7 | 91.7 | 85.2 | 95.3 | 83.0 | 98.3 |
| DALZ 1305 | 8.3 | 7.2 | 6.0 | 4.3 | 78.3 | 78.3 | 88.3 | 93.5 | 95.0 | 81.1 | 93.3 |
| ZOYSIU | 5.7 | 6.8 | 3.5 | 9.0 | 80.0 | 83.3 | 94.7 | 71.0 | 83.2 | 71.4 | 82.3 |
| DALZ 1309 | 6.0 | 8.3 | 4.7 | 6.0 | 51.7 | 50.0 | 61.7 | 79.0 | 80.5 | 72.8 | 81.0 |
| 10-TZ-74 | 8.0 | 8.3 | 4.0 | 8.0 | 73.3 | 66.7 | 85.0 | 112.7 | 112.8 | 99.4 | 111.0 |
| LSD VALUE | 2.2 | 0.9 | 1.6 | 2.0 | 29.8 | 28.2 | 38.4 | 23.0 | 19.4 | 19.3 | 61.0 |
| C.V. (%) | 16.1 | 11.1 | 23.9 | 21.8 | 17.1 | 17.2 | 17.2 | 20.4 | 15.9 | 20.2 | 23.1 |

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

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

TABLE 11C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF SEASHORE PASPALUM CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT RICHMOND, VA (COUNTRY CLUB OF VA)
2014-17 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | QUALITY RATINGS | | | | | | | | | MEAN |
|-----------|------------------|-------------------|-----------------|-----------------|------|------|------|------|------|------|------|------|------|
| | | | | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | | |
| SEADWARF | 5.0 | 1.0 | 4.0 | 2.3 | 3.4 | 3.3 | 3.8 | 3.3 | 4.3 | 4.3 | 2.0 | 3.6 | |
| UGA 1743 | 5.0 | 1.0 | 4.0 | 2.0 | 3.1 | 3.1 | 3.1 | 2.9 | 3.6 | 3.5 | 2.0 | 3.1 | |
| LSD VALUE | 3.6 | 1.3 | 2.9 | 0.9 | 1.0 | 1.4 | 0.8 | 0.8 | 1.2 | 1.1 | 2.0 | 0.8 | |
| C.V. (%) | 49.0 | 0.0 | 0.0 | 17.6 | 49.4 | 30.6 | 36.5 | 14.3 | 28.6 | 30.8 | 61.2 | 32.7 | |

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

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

TABLE 11C.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF SEASHORE PASPALUM CULTIVARS
IN THE 2013 NATIONAL WARM-SEASON PUTTING GREENS TEST AT RICHMOND, VA (COUNTRY CLUB OF VA)
2014-17 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
BALL ROLL MEASURED IN INCHES

| NAME | FALL COLOR | FALL COLOR | SEEDHEAD RATINGS | PERCENT GROUND COVER | | | BALL ROLL MEASUREMENTS | | | |
|-----------|---------------|---------------|---------------------|----------------------|------|------|------------------------|--------|-----------|---------|
| | OCTOBER | NOVEMBER | | MAY | JUNE | JULY | JULY | AUGUST | SEPTEMBER | OCTOBER |
| SEADWARF | 7.5 | 4.5 | 9 | 95.0 | 95.0 | 97.7 | 85.3 | 80.7 | 77.1 | 96.7 |
| UGA 1743 | 7.5 | 4.3 | 9 | 95.0 | 95.0 | 95.0 | 77.5 | 78.0 | 76.8 | 99.0 |
| LSD VALUE | 0.9 | 1.6 | 2 | 29.8 | 28.2 | 38.4 | 23.0 | 19.4 | 19.3 | 61.0 |
| C.V. (%) | 8.2 | 16.3 | 0 | 0.0 | 0.0 | 1.7 | 13.3 | 13.4 | 16.5 | 1.8 |

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.