

NATIONAL TURFGRASS EVALUATION PROGRAM

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

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

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

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

CURRENT POLICY COMMITTEE MEMBERS:

Dr. Steve Johnson, Peak Plant Genetics LLC
Mr. Steve Tubbs, Turf Merchants, Inc.
Dr. Jeff Nus, USGA Green Section
Dr. Michael Richardson, University of Arkansas
Dr. David Kopec, University of Arizona
Mr. Warren Bell, Biograss Sod Farms
Dr. Clark Throssell, Golf Course Superintendents Assoc. of America
Dr. Brian Horgan, University of Minnesota
Mr. Duane Klundt, Scotts Turf-Seed, Inc.
Dr. Scott Ebdon, University of Massachusetts

FOR ADDITIONAL REPORTS OR INFORMATION CONTACT:

Kevin Morris, Executive Director
National Turfgrass Evaluation Program
Beltsville Agricultural Research Center-West
Building 003, Room 218
Beltsville, Maryland 20705
kmorris@ntep.org
www.ntep.org

CONTENTS

2007 National Zoysiagrass Test - 2008 data

LOCATIONS SUBMITTING DATA FOR 2008.....1

NATIONAL ZOYSIAGRASS TEST, 2007 Entries and Sponsors.....2

Table A - 2008 Locations, Site Descriptions and Management Practices in
the 2007 National Zoysiagrass Test.....3

Table B - Locations and Data Collected in 2008.....3

Table 1 - Mean Turfgrass Quality Ratings of Zoysiagrass
Cultivars at Riverside, CA.....4

Table 2 - Mean Turfgrass Quality Ratings of Zoysiagrass
Cultivars at Gainesville, FL.....4

Table 3 - Mean Turfgrass Quality Ratings of Zoysiagrass
Cultivars at West Lafayette, IN.....5

Table 4 - Mean Turfgrass Quality Ratings of Zoysiagrass
Cultivars at Manhattan, KS.....5

Table 5 - Mean Turfgrass Quality Ratings of Zoysiagrass
Cultivars at Raleigh, NC.....6

Table 6 - Mean Turfgrass Quality Ratings of Zoysiagrass
Cultivars at Dallas, TX.....6

Table 7 - Percent Establishment and Other Ratings of Zoysiagrass
Cultivars Grown under Salt Stress at Las Cruces, NM.....7

Table 8 - Genetic Color Ratings of Zoysiagrass Cultivars.....7

Table 9 - Spring Greenup Ratings of Zoysiagrass Cultivars.....8

Table 10- Leaf Texture Ratings of Zoysiagrass Cultivars.....8

Table 11- Spring Density Ratings of Zoysiagrass Cultivars.....9

Table 12- Summer Density Ratings of Zoysiagrass Cultivars.....9

Table 13- Fall Density Ratings of Zoysiagrass Cultivars.....10

Table 14- Percent Living Ground Cover (Spring) Ratings of
Zoysiagrass Cultivars.....10

Table 15- Percent Living Ground Cover (Summer) Ratings of
Zoysiagrass Cultivars.....11

Table 16- Winter Color Ratings of Zoysiagrass Cultivars.....11

CONTENTS (continued)

Table 17- Percent Winter Kill Ratings of Zoysiagrass Cultivars.....12

Table 18- Dollar Spot Ratings of Zoysiagrass Cultivars.....12

Table 19- Fall Color (September) Ratings of Zoysiagrass Cultivars.....13

Table 20- Fall Color (October) Ratings of Zoysiagrass Cultivars.....13

Table 21- Fall Color (November) Ratings of Zoysiagrass Cultivars.....14

Table 22- Fall Color (December) Ratings of Zoysiagrass Cultivars.....14

Table 23- Percent Establishment Ratings of Zoysiagrass Cultivars
at Gainesville, FL.....15

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 2007 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>.

2007 NATIONAL ZOYSIAGRASS TEST

LOCATIONS SUBMITTING DATA FOR 2008

| <u>State</u> | <u>Location</u> | <u>Code</u> |
|----------------|-----------------------------|-------------|
| California | Riverside | CA3 |
| Florida | Gainesville | FL1 |
| Indiana | West Lafayette | IN1 |
| Kansas | Manhattan | KS1 |
| New Mexico | Las Cruces (Salt Tolerance) | NM1 |
| North Carolina | Raleigh | NC1 |
| Texas | Dallas | TX1 |

2007 NATIONAL ZOYSIAGRASS TEST

Entries and Sponsors

| Entry No. | Name | Type | Sponsor |
|-----------|------------|------------|---|
| 1 | Zenith | seeded | Standard entry |
| 2 | Meyer | vegetative | Standard entry |
| 3 | Zorro | vegetative | Standard entry |
| 4 | DALZ 0501 | vegetative | Texas A&M Dallas & Phillip Jennings Turf |
| 5 | DALZ 0701 | vegetative | Texas A&M Dallas |
| 6 | DALZ 0702 | vegetative | Texas A&M Dallas |
| 7 | Shadowturf | vegetative | Ivey Gardens |
| 8 | L1F | vegetative | Bladerunner Farms |
| 9 | 29-2 | vegetative | Bladerunner Farms |
| 10 | 240 | vegetative | Bladerunner Farms |
| 11 | 380-1 | vegetative | Bladerunner Farms |

TABLE A.

2008 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN
THE 2007 NATIONAL ZOYSIAGRASS 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 |
|----------|---------------------|---------|-----------------------------|---------------------------|---------------------------|--------------|--------------------|---------------------------|
| CA3 | SANDY LOAM | 7.1-7.5 | - | - | - | FULL SUN | 1.6-2.0 | TO PREVENT STRESS |
| FL1 | SAND | 6.6-7.0 | - | - | 0.0-1.0 | FULL SUN | 1.6-2.0 | TO PREVENT STRESS |
| IN1 | SILT LOAM AND SILT | 7.1-7.5 | 151-270 | 376-500 | 1.1-2.0 | FULL SUN | 0.0-0.5 | ONLY DURING SEVERE STRESS |
| KS1 | SILTY CLAY LOAM | 7.1-7.5 | 61-150 | 241-375 | 1.1-2.0 | FULL SUN | 0.6-1.0 | TO PREVENT STRESS |
| NC1 | SILTY CLAY AND CLAY | 6.1-6.5 | 61-150 | 0-150 | 3.1-4.0 | FULL SUN | 2.1-2.5 | TO PREVENT STRESS |
| NM1 | LOAMY SAND | 7.6-8.5 | - | - | 5.1-6.0 | FULL SUN | 1.6-2.0 | TO PREVENT STRESS |
| TX1 | SILTY CLAY AND CLAY | 7.6-8.5 | 151-270 | 241-375 | 3.1-4.0 | FULL SUN | 1.1-1.5 | TO PREVENT STRESS |

TABLE B.

LOCATIONS AND DATA COLLECTED IN 2008

| LOCATION | JANUARY QUALITY RATING | FEBRUARY QUALITY RATING | MARCH QUALITY RATING | APRIL QUALITY RATING | MAY QUALITY RATING | JUNE QUALITY RATING | JULY QUALITY RATING | AUGUST QUALITY RATING | SEPTEMBER QUALITY RATING | OCTOBER QUALITY RATING | NOVEMBER QUALITY RATING | DECEMBER QUALITY RATING | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE |
|----------|------------------------|-------------------------|----------------------|----------------------|--------------------|---------------------|---------------------|-----------------------|--------------------------|------------------------|-------------------------|-------------------------|---------------|----------------|--------------|
| CA3 | | | | | | | | X | X | | X | X | | | |
| FL1 | | | | | | | | | X | X | X | X | X | | X |
| IN1 | | | | | X | X | X | X | X | X | | | X | X | |
| KS1 | | | | | | X | X | X | X | | | | | X | X |
| NC1 | | | | X | X | X | X | X | X | X | | | X | X | X |
| NM1 | | | | | | | | | | | | | X | | |
| TX1 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2008

| LOCATION | SPRING DENSITY | SUMMER DENSITY | FALL DENSITY | PERCENT COVER SPRING | PERCENT COVER SUMMER | WINTER COLOR | PERCENT WINTER KILL | DOLLAR SPOT | FALL COLOR SEPTEMBER | FALL COLOR OCTOBER | FALL COLOR NOVEMBER | FALL COLOR DECEMBER |
|----------|----------------|----------------|--------------|----------------------|----------------------|--------------|---------------------|-------------|----------------------|--------------------|---------------------|---------------------|
| CA3 | | | | | | | | | | | | |
| * FL1 | | X | X | | | | | | | | X | X |
| IN1 | | | | | X | | | | | | | |
| KS1 | | | | | X | | X | | | | X | |
| NC1 | | | | X | X | X | | X | | X | X | |
| * NM1 | | | | | | | | | | | X | |
| TX1 | X | X | X | | | | | | X | X | X | X |

* MORE PERCENT ESTABLISHMENT DATA IN TABLE 7 AND 23.

TABLE 1. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS
AT RIVERSIDE, CA 1/
2008 DATA

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

| NAME | AUG | SEP | NOV | DEC | MEAN |
|--------------|------|-----|-----|-----|------|
| DALZ 0701 | 7.0 | 7.7 | 8.3 | 7.7 | 7.7 |
| * ZORRO | 7.7 | 8.0 | 7.7 | 7.0 | 7.6 |
| DALZ 0702 | 7.0 | 7.3 | 7.7 | 7.0 | 7.3 |
| * SHADOWTURF | 6.3 | 7.3 | 8.0 | 7.0 | 7.2 |
| DALZ 0501 | 6.0 | 7.0 | 8.0 | 7.0 | 7.0 |
| 29-2 | 7.3 | 7.3 | 7.0 | 6.0 | 6.9 |
| * ZENITH | 7.0 | 6.7 | 7.0 | 6.0 | 6.7 |
| L1F | 5.7 | 6.7 | 7.3 | 6.7 | 6.6 |
| 240 | 7.0 | 7.0 | 6.3 | 5.0 | 6.3 |
| 380-1 | 5.3 | 6.3 | 6.7 | 5.3 | 5.9 |
| * MEYER | 4.3 | 6.0 | 6.3 | 5.0 | 5.4 |
| LSD VALUE | 1.3 | 1.0 | 0.7 | 0.7 | 0.7 |
| C.V. (%) | 11.7 | 7.7 | 6.0 | 6.7 | 6.2 |

TABLE 2. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS
AT GAINESVILLE, FL 1/
2008 DATA

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

| NAME | SEP | OCT | NOV | DEC | MEAN |
|------------|------|------|------|------|------|
| SHADOWTURF | 6.3 | 6.7 | 5.3 | 6.3 | 6.2 |
| DALZ 0701 | 5.7 | 6.7 | 5.7 | 5.3 | 5.8 |
| L1F | 6.3 | 6.0 | 5.0 | 5.7 | 5.8 |
| DALZ 0702 | 5.3 | 6.0 | 4.7 | 5.7 | 5.4 |
| DALZ 0501 | 5.0 | 6.3 | 4.3 | 5.3 | 5.3 |
| ZENITH | 5.7 | 6.0 | 5.0 | 3.7 | 5.1 |
| 29-2 | 4.3 | 4.7 | 4.7 | 4.7 | 4.6 |
| ZORRO | 4.7 | 4.7 | 4.0 | 4.3 | 4.4 |
| MEYER | 4.3 | 4.7 | 4.0 | 4.0 | 4.3 |
| 240 | 4.3 | 4.3 | 4.0 | 3.0 | 3.9 |
| 380-1 | 4.7 | 4.7 | 3.3 | 2.7 | 3.8 |
| LSD VALUE | 1.5 | 2.1 | 1.2 | 1.4 | 1.1 |
| C.V. (%) | 14.7 | 18.4 | 14.2 | 17.5 | 12.9 |

* COMMERCIALY AVAILABLE IN THE USA IN 2009.

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

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

TABLE 3. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS
AT WEST LAFAYETTE, IN 1/
2008 DATA

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

| NAME | MAY | JUN | JUL | AUG | SEP | OCT | MEAN |
|------------|------|------|------|------|------|------|------|
| ZENITH | 5.7 | 6.3 | 6.3 | 6.7 | 6.3 | 5.7 | 6.2 |
| 29-2 | 5.3 | 5.3 | 5.3 | 6.0 | 6.0 | 5.3 | 5.6 |
| MEYER | 5.0 | 5.3 | 5.7 | 6.0 | 6.3 | 5.3 | 5.6 |
| 240 | 3.0 | 3.7 | 3.7 | 4.3 | 4.0 | 3.7 | 3.7 |
| ZORRO | 2.0 | 3.0 | 3.0 | 4.3 | 3.7 | 3.3 | 3.2 |
| DALZ 0501 | 1.0 | 1.7 | 1.7 | 2.0 | 2.0 | 2.0 | 1.7 |
| 380-1 | 1.0 | 1.0 | 1.7 | 1.7 | 1.7 | 1.7 | 1.4 |
| L1F | 1.0 | 1.0 | 1.3 | 1.7 | 1.7 | 1.7 | 1.4 |
| DALZ 0701 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| DALZ 0702 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| SHADOWTURF | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| LSD VALUE | 1.1 | 1.2 | 1.0 | 1.1 | 1.2 | 1.1 | 1.0 |
| C.V. (%) | 28.4 | 27.2 | 22.8 | 22.2 | 24.2 | 25.3 | 22.3 |

TABLE 4. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS
AT MANHATTAN, KS 1/
2008 DATA

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

| NAME | JUN | JUL | AUG | SEP | MEAN |
|------------|------|------|------|------|------|
| ZORRO | 6.3 | 8.0 | 6.7 | 8.0 | 7.3 |
| DALZ 0701 | 5.0 | 6.7 | 6.3 | 8.0 | 6.5 |
| 380-1 | 6.3 | 7.3 | 5.7 | 5.7 | 6.3 |
| MEYER | 7.3 | 7.0 | 4.7 | 5.7 | 6.2 |
| 29-2 | 6.0 | 6.0 | 5.0 | 6.7 | 5.9 |
| DALZ 0702 | 4.7 | 5.0 | 6.3 | 7.7 | 5.9 |
| DALZ 0501 | 4.0 | 5.0 | 6.0 | 7.3 | 5.6 |
| 240 | 5.3 | 6.0 | 3.7 | 5.0 | 5.0 |
| ZENITH | 5.3 | 5.0 | 4.3 | 5.0 | 4.9 |
| SHADOWTURF | 3.0 | 3.3 | 5.0 | 7.0 | 4.6 |
| L1F | 1.3 | 0.7 | 2.7 | 3.3 | 2.0 |
| LSD VALUE | 1.2 | 1.0 | 1.7 | 1.7 | 0.9 |
| C.V. (%) | 15.5 | 12.1 | 18.6 | 15.8 | 10.1 |

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

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

TABLE 5. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS
AT RALEIGH, NC 1/
2008 DATA

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

| NAME | APR | MAY | JUN | JUL | AUG | SEP | OCT | MEAN |
|------------|-----|-----|-----|-----|------|-----|-----|------|
| DALZ 0501 | 7.0 | 7.3 | 7.0 | 7.3 | 7.7 | 7.3 | 8.7 | 7.5 |
| DALZ 0702 | 7.7 | 7.7 | 7.0 | 7.0 | 7.3 | 7.3 | 8.0 | 7.4 |
| L1F | 6.7 | 7.0 | 7.3 | 7.7 | 7.7 | 7.3 | 8.0 | 7.4 |
| SHADOWTURF | 7.7 | 7.3 | 7.0 | 7.0 | 7.3 | 7.0 | 8.7 | 7.4 |
| 380-1 | 6.0 | 8.0 | 7.3 | 7.7 | 7.3 | 6.7 | 6.7 | 7.1 |
| DALZ 0701 | 8.0 | 7.7 | 7.0 | 6.3 | 6.3 | 6.7 | 8.0 | 7.1 |
| ZORRO | 7.0 | 7.0 | 6.3 | 6.3 | 7.0 | 7.0 | 7.3 | 6.9 |
| MEYER | 5.0 | 5.7 | 6.3 | 6.7 | 6.7 | 6.3 | 6.7 | 6.2 |
| ZENITH | 6.7 | 5.3 | 5.3 | 5.3 | 5.0 | 6.0 | 5.7 | 5.6 |
| 240 | 5.0 | 4.7 | 5.3 | 5.3 | 5.3 | 5.0 | 5.3 | 5.1 |
| 29-2 | 4.7 | 4.7 | 5.0 | 5.3 | 4.7 | 5.0 | 5.7 | 5.0 |
| LSD VALUE | 0.6 | 0.7 | 0.9 | 1.0 | 1.2 | 1.1 | 1.0 | 0.6 |
| C.V. (%) | 5.9 | 7.2 | 8.1 | 8.9 | 10.7 | 9.4 | 8.5 | 5.7 |

TABLE 6. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS
AT DALLAS, TX 1/
2008 DATA

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

| NAME | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | MEAN |
|------------|------|------|------|------|------|------|------|------|-----|-----|-----|------|------|
| ZORRO | 2.0 | 2.0 | 2.7 | 2.7 | 3.3 | 5.7 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 5.7 | 4.9 |
| DALZ 0702 | 2.0 | 2.0 | 2.0 | 2.3 | 3.0 | 5.3 | 7.3 | 7.3 | 7.0 | 7.3 | 6.3 | 6.0 | 4.8 |
| L1F | 2.7 | 2.7 | 2.0 | 1.7 | 3.0 | 5.3 | 6.7 | 7.0 | 7.0 | 7.7 | 7.3 | 5.0 | 4.8 |
| SHADOWTURF | 2.3 | 2.3 | 2.0 | 1.7 | 3.3 | 5.3 | 6.7 | 6.7 | 7.3 | 7.7 | 7.0 | 4.7 | 4.8 |
| DALZ 0701 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 5.0 | 6.7 | 6.3 | 7.0 | 7.3 | 7.7 | 5.7 | 4.7 |
| DALZ 0501 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 4.7 | 6.0 | 6.3 | 6.3 | 7.0 | 7.0 | 5.7 | 4.5 |
| 380-1 | 2.0 | 2.0 | 2.3 | 2.7 | 3.0 | 5.0 | 6.7 | 6.0 | 6.3 | 6.7 | 6.0 | 4.7 | 4.4 |
| ZENITH | 2.0 | 2.3 | 2.3 | 3.7 | 4.0 | 5.0 | 6.0 | 5.3 | 5.0 | 5.7 | 5.3 | 4.0 | 4.2 |
| 29-2 | 1.0 | 1.7 | 2.0 | 2.7 | 3.3 | 5.3 | 6.0 | 6.0 | 6.0 | 6.0 | 5.3 | 4.0 | 4.1 |
| MEYER | 1.0 | 1.0 | 2.0 | 2.3 | 2.7 | 4.3 | 5.7 | 5.7 | 6.0 | 6.0 | 5.7 | 4.0 | 3.9 |
| 240 | 1.0 | 1.3 | 2.0 | 2.3 | 2.3 | 4.0 | 5.0 | 5.7 | 5.3 | 6.0 | 5.3 | 4.0 | 3.7 |
| LSD VALUE | 0.7 | 0.6 | 0.6 | 0.8 | 1.0 | 1.6 | 3.2 | 2.0 | 1.0 | 0.7 | 0.7 | 1.0 | 0.6 |
| C.V. (%) | 21.8 | 18.4 | 13.2 | 18.5 | 15.5 | 13.6 | 18.7 | 13.6 | 9.2 | 6.4 | 6.5 | 11.8 | 7.8 |

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 7. PERCENT ESTABLISHMENT AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
GROWN UNDER SALT STRESS AT LAS CRUCES, NM 1/
2008 DATA

GENETIC COLOR AND OTHER RATINGS 1-9; 9=BEST 2/

| NAME | GENETIC COLOR | FALL | PERCENT ESTABLISHMENT RATINGS IN 2008 | | | | | |
|------------|------------------|-------------------|---------------------------------------|------|------|--------|-----------|---------|
| | | COLOR NOVEMBER | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER |
| SHADOWTURF | 7.0 | 5.7 | 14.7 | 35.7 | 59.0 | 85.7 | 93.7 | 96.3 |
| DALZ 0701 | 8.0 | 6.0 | 13.0 | 23.3 | 34.7 | 63.0 | 88.3 | 91.7 |
| DALZ 0702 | 7.0 | 5.3 | 23.3 | 37.7 | 68.7 | 75.7 | 93.3 | 91.7 |
| L1F | 8.0 | 5.7 | 12.7 | 21.3 | 48.0 | 68.0 | 92.7 | 87.0 |
| DALZ 0501 | 7.0 | 5.0 | 12.0 | 12.3 | 28.3 | 44.0 | 60.0 | 70.3 |
| 380-1 | 8.3 | 3.0 | 8.0 | 6.7 | 20.7 | 53.3 | 64.7 | 66.7 |
| 240 | 7.7 | 2.0 | 6.3 | 10.7 | 31.3 | 43.0 | 55.0 | 54.3 |
| 29-2 | 7.3 | 2.3 | 6.7 | 8.0 | 14.3 | 31.3 | 59.3 | 53.3 |
| ZORRO | 5.7 | 3.0 | 6.7 | 7.7 | 15.0 | 34.3 | 44.7 | 46.0 |
| ZENITH | 5.7 | 2.3 | 6.0 | 3.0 | 7.3 | 16.0 | 20.7 | 25.7 |
| MEYER | 7.3 | 2.0 | 4.7 | 2.7 | 4.7 | 14.7 | 18.3 | 20.7 |
| LSD VALUE | 1.0 | 1.0 | 7.8 | 17.7 | 24.0 | 33.1 | 23.3 | 21.1 |
| C.V. (%) | 8.1 | 16.8 | 42.6 | 65.0 | 47.1 | 38.9 | 23.0 | 20.6 |

TABLE 8. GENETIC COLOR RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2008 DATA

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

| NAME | FL1 | IN1 | NC1 | TX1 | MEAN |
|------------|-----|-----|-----|-----|------|
| 380-1 | 8.0 | 6.0 | 9.0 | 8.7 | 7.9 |
| MEYER | 7.0 | 8.0 | 7.3 | 8.7 | 7.8 |
| 240 | 7.0 | 7.7 | 8.0 | 6.7 | 7.3 |
| DALZ 0702 | 7.7 | . | 7.0 | 7.3 | 7.3 |
| SHADOWTURF | 7.3 | . | 6.7 | 8.0 | 7.3 |
| 29-2 | 7.3 | 6.7 | 7.7 | 7.3 | 7.3 |
| DALZ 0701 | 7.7 | . | 6.0 | 7.7 | 7.1 |
| L1F | 7.3 | 6.0 | 6.7 | 8.0 | 7.0 |
| DALZ 0501 | 6.7 | 5.3 | 7.0 | 7.3 | 6.6 |
| ZORRO | 6.7 | 6.3 | 6.0 | 7.3 | 6.6 |
| ZENITH | 6.7 | 6.0 | 5.7 | 6.3 | 6.2 |
| LSD VALUE | 0.8 | 1.0 | 1.0 | 1.0 | 0.5 |
| C.V. (%) | 6.8 | 8.9 | 9.3 | 8.0 | 8.2 |

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

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

TABLE 9. SPRING GREENUP RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2008 DATA

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

| NAME | IN1 | KS1 | NC1 | TX1 | MEAN |
|------------|------|-----|------|------|------|
| 29-2 | 5.7 | 8.0 | 7.0 | 5.0 | 6.4 |
| ZENITH | 6.0 | 7.0 | 5.7 | 4.0 | 5.7 |
| MEYER | 5.3 | 7.7 | 6.3 | 2.7 | 5.5 |
| 240 | 4.3 | 7.7 | 5.3 | 4.0 | 5.3 |
| 380-1 | 3.0 | 5.3 | 8.0 | 4.3 | 5.2 |
| ZORRO | 1.3 | 5.0 | 5.7 | 4.7 | 4.2 |
| DALZ 0701 | 2.0 | 3.3 | 6.7 | 3.3 | 3.8 |
| DALZ 0702 | 1.0 | 3.0 | 6.0 | 4.0 | 3.5 |
| DALZ 0501 | 1.0 | 0.3 | 5.3 | 4.0 | 2.7 |
| L1F | 1.0 | 0.0 | 5.3 | 3.3 | 2.4 |
| SHADOWTURF | 1.0 | 0.0 | 6.0 | 2.0 | 2.3 |
| LSD VALUE | 1.8 | 0.6 | 1.0 | 0.9 | 0.6 |
| C.V. (%) | 39.7 | 9.0 | 10.3 | 15.4 | 17.3 |

TABLE 10. LEAF TEXTURE RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2008 DATA

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

| NAME | FL1 | KS1 | NC1 | TX1 | MEAN |
|------------|-----|-----|-----|-----|------|
| L1F | 7.0 | 8.0 | 9.0 | 7.3 | 7.8 |
| SHADOWTURF | 7.0 | 8.0 | 9.0 | 6.7 | 7.7 |
| DALZ 0701 | 7.0 | 8.0 | 8.3 | 6.7 | 7.5 |
| DALZ 0501 | 7.0 | 8.0 | 9.0 | 5.7 | 7.4 |
| DALZ 0702 | 7.0 | 8.0 | 8.3 | 6.3 | 7.4 |
| ZORRO | 7.0 | 8.0 | 8.0 | 5.7 | 7.2 |
| 380-1 | 6.7 | 8.0 | 7.3 | 5.7 | 6.9 |
| MEYER | 6.0 | 6.0 | 6.3 | 4.3 | 5.7 |
| 240 | 6.0 | 5.3 | 5.7 | 4.0 | 5.3 |
| 29-2 | 6.0 | 5.0 | 6.0 | 4.0 | 5.3 |
| ZENITH | 5.3 | 5.0 | 5.0 | 3.0 | 4.6 |
| LSD VALUE | 0.4 | 0.3 | 0.6 | 0.8 | 0.3 |
| C.V. (%) | 3.8 | 2.5 | 5.2 | 9.1 | 5.3 |

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

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

TABLE 11. SPRING DENSITY RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2008 DATA

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

| NAME | TX1 |
|------------|------|
| ZENITH | 3.7 |
| 29-2 | 2.7 |
| ZORRO | 2.7 |
| DALZ 0501 | 2.0 |
| DALZ 0701 | 2.0 |
| DALZ 0702 | 2.0 |
| 240 | 1.7 |
| 380-1 | 1.7 |
| L1F | 1.7 |
| MEYER | 1.7 |
| SHADOWTURF | 1.3 |
| LSD VALUE | 1.3 |
| C.V. (%) | 37.2 |

TABLE 12. SUMMER DENSITY RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2008 DATA

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

| NAME | FL1 | TX1 | MEAN |
|------------|------|------|------|
| SHADOWTURF | 8.0 | 7.7 | 7.8 |
| DALZ 0702 | 7.0 | 8.3 | 7.7 |
| ZENITH | 7.0 | 8.3 | 7.7 |
| L1F | 8.0 | 7.3 | 7.7 |
| DALZ 0701 | 7.0 | 7.0 | 7.0 |
| ZORRO | 5.0 | 8.7 | 6.8 |
| 29-2 | 4.3 | 8.3 | 6.3 |
| DALZ 0501 | 6.0 | 6.7 | 6.3 |
| 380-1 | 5.0 | 7.0 | 6.0 |
| MEYER | 4.0 | 7.7 | 5.8 |
| 240 | 4.3 | 6.3 | 5.3 |
| LSD VALUE | 1.7 | 2.8 | 1.6 |
| C.V. (%) | 17.3 | 23.2 | 21.3 |

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

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

TABLE 13. FALL DENSITY RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2008 DATA

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

| NAME | FL1 | TX1 | MEAN |
|------------|------|-----|------|
| SHADOWTURF | 7.0 | 8.7 | 7.8 |
| DALZ 0701 | 6.7 | 8.7 | 7.7 |
| L1F | 6.7 | 8.7 | 7.7 |
| DALZ 0501 | 6.7 | 8.3 | 7.5 |
| DALZ 0702 | 5.7 | 8.7 | 7.2 |
| ZORRO | 5.3 | 9.0 | 7.2 |
| 29-2 | 5.0 | 9.0 | 7.0 |
| ZENITH | 5.0 | 9.0 | 7.0 |
| 240 | 5.0 | 8.7 | 6.8 |
| MEYER | 4.3 | 9.0 | 6.7 |
| 380-1 | 4.0 | 8.3 | 6.2 |
| LSD VALUE | 1.5 | 0.9 | 0.9 |
| C.V. (%) | 16.2 | 6.3 | 10.5 |

TABLE 14. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2008 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

| NAME | NC1 |
|------------|------|
| DALZ 0701 | 99.0 |
| ZENITH | 99.0 |
| SHADOWTURF | 97.7 |
| ZORRO | 97.7 |
| DALZ 0501 | 96.0 |
| 240 | 94.7 |
| L1F | 93.3 |
| DALZ 0702 | 92.7 |
| 29-2 | 88.0 |
| MEYER | 85.0 |
| 380-1 | 75.0 |
| LSD VALUE | 8.9 |
| C.V. (%) | 6.0 |

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

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

TABLE 15. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2008 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

| NAME | IN1 | KS1 | NC1 | MEAN |
|------------|------|------|------|------|
| ZENITH | 94.3 | 99.0 | 99.0 | 97.4 |
| MEYER | 93.3 | 99.0 | 93.3 | 95.2 |
| 29-2 | 91.7 | 99.0 | 94.7 | 95.1 |
| 240 | 70.0 | 99.0 | 96.3 | 88.4 |
| ZORRO | 45.0 | 88.3 | 97.7 | 77.0 |
| 380-1 | 16.0 | 93.0 | 91.7 | 66.9 |
| DALZ 0701 | 0.0 | 66.7 | 99.0 | 55.2 |
| DALZ 0501 | 21.7 | 33.3 | 99.0 | 51.3 |
| DALZ 0702 | 0.0 | 51.7 | 97.7 | 49.8 |
| SHADOWTURF | 0.0 | 11.7 | 99.0 | 36.9 |
| L1F | 6.7 | 1.7 | 97.7 | 35.3 |
| LSD VALUE | 22.1 | 10.6 | 3.7 | 8.3 |
| C.V. (%) | 34.5 | 9.8 | 2.4 | 13.1 |

TABLE 16. WINTER COLOR RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2008 DATA

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

| NAME | NC1 |
|------------|-----|
| MEYER | 8.0 |
| ZENITH | 7.0 |
| 240 | 6.3 |
| 29-2 | 6.3 |
| 380-1 | 5.7 |
| DALZ 0702 | 5.3 |
| ZORRO | 5.3 |
| DALZ 0501 | 4.7 |
| DALZ 0701 | 4.3 |
| L1F | 4.3 |
| SHADOWTURF | 4.3 |
| LSD VALUE | 0.8 |
| C.V. (%) | 9.3 |

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

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

TABLE 17. PERCENT WINTER KILL RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2008 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 2/

| NAME | KS1 |
|------------|------|
| L1F | 99.0 |
| SHADOWTURF | 99.0 |
| DALZ 0501 | 96.3 |
| DALZ 0702 | 68.3 |
| DALZ 0701 | 66.7 |
| 380-1 | 26.7 |
| ZORRO | 14.7 |
| ZENITH | 5.0 |
| 240 | 0.0 |
| 29-2 | 0.0 |
| MEYER | 0.0 |
| LSD VALUE | 10.6 |
| C.V. (%) | 15.2 |

TABLE 18. DOLLAR SPOT RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2008 DATA

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

| NAME | NC1 |
|------------|-----|
| 240 | 9.0 |
| ZENITH | 9.0 |
| 29-2 | 8.7 |
| DALZ 0501 | 8.7 |
| MEYER | 8.7 |
| 380-1 | 8.3 |
| L1F | 7.7 |
| SHADOWTURF | 7.7 |
| ZORRO | 7.7 |
| DALZ 0702 | 7.3 |
| DALZ 0701 | 6.7 |
| LSD VALUE | 1.1 |
| C.V. (%) | 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.

TABLE 19. FALL COLOR (SEPTEMBER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2008 DATA

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

| NAME | TX1 |
|------------|-----|
| 380-1 | 9.0 |
| MEYER | 7.7 |
| 29-2 | 7.3 |
| L1F | 7.3 |
| SHADOWTURF | 7.3 |
| DALZ 0701 | 7.0 |
| DALZ 0702 | 6.7 |
| DALZ 0501 | 6.3 |
| ZORRO | 6.3 |
| 240 | 6.0 |
| ZENITH | 5.0 |
| LSD VALUE | 1.0 |
| C.V. (%) | 9.1 |

TABLE 20. FALL COLOR (OCTOBER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2008 DATA

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

| NAME | NC1 | TX1 | MEAN |
|------------|-----|-----|------|
| L1F | 7.7 | 8.0 | 7.8 |
| SHADOWTURF | 8.0 | 7.7 | 7.8 |
| 29-2 | 7.0 | 8.0 | 7.5 |
| DALZ 0501 | 8.0 | 7.0 | 7.5 |
| DALZ 0701 | 7.3 | 7.7 | 7.5 |
| DALZ 0702 | 7.0 | 7.7 | 7.3 |
| 380-1 | 6.0 | 8.7 | 7.3 |
| MEYER | 6.3 | 8.0 | 7.2 |
| ZORRO | 6.0 | 7.3 | 6.7 |
| 240 | 5.3 | 7.3 | 6.3 |
| ZENITH | 5.3 | 6.7 | 6.0 |
| LSD VALUE | 0.9 | 0.7 | 0.6 |
| C.V. (%) | 8.6 | 6.0 | 7.3 |

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

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

TABLE 21. FALL COLOR (NOVEMBER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2008 DATA

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

| NAME | FL1 | KS1 | NC1 | TX1 | MEAN |
|------------|------|------|------|------|------|
| L1F | 5.7 | 2.3 | 8.0 | 7.3 | 5.8 |
| DALZ 0701 | 6.0 | 2.0 | 7.7 | 7.0 | 5.7 |
| 29-2 | 7.0 | 5.0 | 4.7 | 5.7 | 5.6 |
| SHADOWTURF | 6.7 | 2.0 | 6.7 | 6.7 | 5.5 |
| DALZ 0501 | 5.0 | 2.3 | 7.3 | 7.3 | 5.5 |
| DALZ 0702 | 5.7 | 2.0 | 6.7 | 6.3 | 5.2 |
| 380-1 | 5.0 | 2.7 | 5.0 | 7.0 | 4.9 |
| 240 | 6.3 | 2.7 | 4.7 | 5.7 | 4.8 |
| ZENITH | 6.0 | 4.0 | 4.0 | 5.3 | 4.8 |
| ZORRO | 5.0 | 2.3 | 5.7 | 6.3 | 4.8 |
| MEYER | 5.3 | 2.0 | 5.0 | 6.0 | 4.6 |
| LSD VALUE | 0.9 | 0.8 | 1.0 | 1.2 | 0.5 |
| C.V. (%) | 10.0 | 18.5 | 10.6 | 11.2 | 11.7 |

TABLE 22. FALL COLOR (DECEMBER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2008 DATA

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

| NAME | FL1 | TX1 | MEAN |
|------------|------|------|------|
| DALZ 0701 | 6.7 | 5.7 | 6.2 |
| DALZ 0501 | 6.3 | 6.0 | 6.2 |
| DALZ 0702 | 6.3 | 5.7 | 6.0 |
| L1F | 7.0 | 4.3 | 5.7 |
| SHADOWTURF | 7.3 | 3.3 | 5.3 |
| 29-2 | 5.3 | 4.3 | 4.8 |
| ZORRO | 4.3 | 5.3 | 4.8 |
| ZENITH | 4.0 | 4.7 | 4.3 |
| 380-1 | 3.3 | 5.0 | 4.2 |
| 240 | 3.7 | 4.0 | 3.8 |
| MEYER | 3.3 | 4.0 | 3.7 |
| LSD VALUE | 1.1 | 2.0 | 1.1 |
| C.V. (%) | 12.9 | 25.6 | 19.7 |

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 23.

PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS CULTIVARS 1/
 AT GAINESVILLE, FL 2/
 2007-08 DATA

| NAME | NOVEMBER 2007 | DECEMBER 2007 | JANUARY 2008 | FEBRUARY 2008 | MARCH 2008 | APRIL 2008 | MAY 2008 | JUNE 2008 | JULY 2008 | AUGUST 2008 | SEPTEMBER 2008 | OCTOBER 2008 | NOVEMBER 2008 | DECEMBER 2008 |
|------------|------------------|------------------|-----------------|------------------|---------------|---------------|-------------|--------------|--------------|----------------|-------------------|-----------------|------------------|------------------|
| SHADOWTURF | 5.0 | 10.0 | 16.7 | 15.0 | 16.7 | 23.3 | 26.7 | 43.3 | 66.7 | 78.3 | 90.0 | 96.3 | 90.0 | 95.0 |
| DALZ 0701 | 8.3 | 15.0 | 20.0 | 11.7 | 21.7 | 30.0 | 35.0 | 51.7 | 68.3 | 78.3 | 89.7 | 94.3 | 88.3 | 88.3 |
| L1F | 5.0 | 10.0 | 15.0 | 15.0 | 15.0 | 21.7 | 26.7 | 48.3 | 65.0 | 76.7 | 88.3 | 91.3 | 83.3 | 85.0 |
| DALZ 0702 | 6.7 | 16.7 | 20.0 | 16.7 | 21.7 | 26.7 | 28.3 | 38.3 | 58.3 | 71.7 | 80.0 | 85.0 | 81.7 | 81.7 |
| DALZ 0501 | 8.3 | 15.0 | 20.0 | 16.7 | 18.3 | 26.7 | 18.3 | 31.7 | 53.3 | 63.3 | 75.0 | 81.7 | 73.3 | 71.7 |
| ZENITH | 0.7 | 1.3 | 2.3 | 2.0 | 1.7 | 20.0 | 20.0 | 36.7 | 56.7 | 63.3 | 80.0 | 76.7 | 76.7 | 48.3 |
| 29-2 | 5.0 | 5.0 | 10.0 | 10.0 | 10.0 | 5.0 | 10.0 | 25.0 | 38.3 | 60.0 | 73.3 | 76.7 | 70.0 | 66.7 |
| ZORRO | 5.0 | 8.3 | 10.0 | 10.0 | 13.3 | 11.7 | 16.7 | 35.0 | 55.0 | 61.7 | 80.0 | 86.7 | 86.7 | 78.3 |
| MEYER | 5.0 | 6.7 | 10.0 | 10.0 | 10.0 | 10.0 | 15.0 | 21.7 | 40.0 | 50.0 | 68.3 | 66.7 | 60.0 | 43.3 |
| 240 | 5.0 | 5.0 | 10.0 | 10.0 | 6.7 | 5.0 | 10.0 | 18.3 | 36.7 | 48.3 | 66.7 | 66.7 | 61.7 | 51.7 |
| 380-1 | 5.0 | 6.7 | 10.0 | 10.0 | 11.7 | 10.0 | 15.0 | 23.3 | 43.3 | 56.7 | 70.0 | 70.0 | 56.7 | 45.0 |
| LSD VALUE | 2.6 | 2.7 | 1.7 | 6.3 | 4.0 | 4.3 | 8.2 | 10.3 | 13.3 | 19.4 | 29.5 | 22.6 | 21.0 | 18.2 |
| C.V. (%) | 27.9 | 19.3 | 8.7 | 30.3 | 19.3 | 15.9 | 24.6 | 18.6 | 14.9 | 15.8 | 15.7 | 13.9 | 14.8 | 16.1 |

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.