## 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 Federation, Inc.

### CURRENT POLICY COMMITTEE MEMBERS:

Dr. Leah Brilman, Seed Research of Oregon
Ms. Chris McDowell, Pickseed West, Inc.
Dr. Michael Kenna, USGA Green Section
Dr. David Williams, University of Kentucky
Dr. Gwen Stahnke, Washington State University
Mr. Ike Thomas, Turfgrass America, Inc.
Dr. Clark Throssell, Golf Course Superintendents Assoc. of America
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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.*

# 2002 NATIONAL ZOYSIAGRASS TEST

## LOCATIONS SUBMITTING DATA FOR 2002-03

| State | Location | Code |
|---|---|---|
| Arkansas | Fayetteville | AR1 |
| Florida | Jay | FL3 |
| Georgia | Griffin | GA1 |
| Illinois | Carbondale | IL2 |
| Indiana | West Lafayette | IN1 |
| Kansas | Manhattan | KS1 |
| Kentucky | Lexington | KY1 |
| Missouri | Columbia | MO1 |
| Mississippi | Mississippi State | MS1 |
| North Carolina | Raleigh | NC1 |
| Oklahoma | Stillwater | OK1 |
| South Carolina | Florence | SC1 |
| Texas | Dallas | TX1 |
| Texas | College Station | TX2 |

# 2002 National Zoysiagrass Test

## Entries and Sponsors

| Entry No. | Name | Type | Sponsor |
|---|---|---|---|
| 1 | Meyer | Vegetative | Standard entry |
| 2 | Emerald | Vegetative | Standard entry |
| 3 | Himeno | Vegetative | Zoysian Japan Co. |
| 4 | J-37 | Seeded | Standard entry |
| 5 | Zenith | Seeded | Standard entry |
| 6 | PZA 32 | Seeded | Patten Seed Company |
| 7 | PZB 33 | Seeded | Patten Seed Company |
| 8 | Companion | Seeded | Seed Research of OR, Inc. |
| 9 | PST-R7ZM | Seeded | Pure-Seed Testing, Inc. |
| 10 | PST-R7MA | Seeded | Pure-Seed Testing, Inc. |
| 11 | GN-Z | Vegetative | Greg Norman Turf |
| 12 | DALZ 0102 | Vegetative | Turfgrass America |
| 13 | DALZ 0104 | Vegetative | Turfgrass America |
| 14 | BMZ 230 | Vegetative | Turfgrass America |
| 15 | DALZ 9604 | Vegetative | Turfgrass America |
| 16 | DALZ 0105 | Vegetative | Turfgrass America |
| 17 | DALZ 0101 | Vegetative | Turfgrass America |
| 18 | Zorro | Vegetative | Standard entry |
| 19 | 6186 | Vegetative | Bladerunner Farms |
| 20 | Chinese Common | Seeded | Standard entry |

TABLE A. 2002-03 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN THE 2002 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 |
|---|---|---|---|---|---|---|---|---|
| AR1 | SILT LOAM AND SILT | 6.1-6.5 | 61-150 | 151-240 | 2.1-3.0 | FULL SUN | 0.6-1.0 | TO PREVENT STRESS |
| FL3 | SANDY LOAM | 6.1-6.5 | 151-270 | 241-375 | 3.1-4.0 | FULL SUN | 1.6-2.0 | TO PREVENT STRESS |
| GA1 | SANDY CLAY LOAM | 6.1-6.5 | 61-150 | 151-240 | 3.1-4.0 | FULL SUN | 0.6-1.0 | TO PREVENT STRESS |
| IL2 | SILTY CLAY LOAM | 6.1-6.5 | 151-270 | 151-240 | 2.1-3.0 | FULL SUN | 1.6-2.0 | ONLY DURING SEVERE STRESS |
| IN1 | SILT LOAM AND SILT | 7.1-7.5 | 151-270 | 501+ | 1.1-2.0 | FULL SUN | 0.0-0.5 | TO PREVENT DORMANCY |
| KS1 | SILT LOAM AND SILT | 6.6-7.0 | 151-270 | 241-375 | 3.1-4.0 | FULL SUN | 0.6-1.0 | TO PREVENT STRESS |
| KY1 | SILT LOAM AND SILT | 6.1-6.5 | 61-150 | 241-375 | 2.1-3.0 | FULL SUN | 0.6-1.0 | ONLY DURING SEVERE STRESS |
| MO1 | SILTY CLAY LOAM | 6.1-6.5 | 0-60 | 151-240 | 3.1-4.0 | FULL SUN | 0.6-1.0 | TO PREVENT STRESS |
| MS1 | SANDY LOAM | 6.6-7.0 | 151-270 | 151-270 | 1.1-2.0 | FULL SUN | 1.6-2.0 | TO PREVENT DORMANCY |
| NC1 | SANDY CLAY LOAM | 5.6-6.0 | 61-150 | 0-150 | 5.1-6.0 | FULL SUN | 0.6-1.0 | TO PREVENT STRESS |
| OK1 | SANDY LOAM | 7.1-7.5 | 61-150 | 241-375 | 2.1-3.0 | FULL SUN | 0.0-0.5 | TO PREVENT STRESS |
| SC1 | SANDY LOAM | 5.6-6.0 | 61-150 | 0-150 | 1.1-2.0 | FULL SUN | 0.6-1.0 | TO PREVENT STRESS |
| TX1 | SILTY CLAY AND CLAY | 7.6-8.5 | 151-270 | 241-375 | 3.1-4.0 | FULL SUN | 0.6-1.0 | TO PREVENT STRESS |
| TX2 | SANDY LOAM | 8.6+ | 61-150 | 151-240 | 1.1-2.0 | FULL SUN | 1.6-2.0 | TO PREVENT STRESS |

TABLE B. LOCATIONS AND DATA COLLECTED IN 2002-03

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AR1 | | | | | X | X | X | X | X | X | | | X | X | X |
| FL3 | | | | | | | X | X | X | X | X | | X | X | |
| GA1 | | | | | | X | X | X | X | X | X | | | | |
| IL2 | | | | X | X | X | X | X | X | X | X | | X | X | X |
| IN1 | | | | | | X | X | X | | | | | X | X | X |
| KS1 | | | | | X | X | X | X | X | X | | | X | | X |
| KY1 | | | | X | X | X | X | X | X | X | | | X | X | |
| MO1 | | | | | X | X | X | X | X | X | | | | X | X |
| MS1 | | | | X | X | X | X | X | X | X | X | | X | X | X |
| NC1 | | | | | | | | | X | X | X | | X | | X |
| OK1 | | | | X | X | X | X | X | X | X | | | X | X | X |
| SC1 | | | | X | X | X | X | X | X | X | X | | X | X | X |
| TX1 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| TX2 | | | | | | | | | X | X | X | | X | | X |

TABLE B. (CONT'D) LOCATIONS AND DATA COLLECTED IN 2002-03

| LOCATION | SEEDLING VIGOR | SPRING DENSITY | SUMMER DENSITY | FALL DENSITY | PERCENT COVER SPRING | PERCENT COVER SUMMER | PERCENT COVER FALL | FROST TOLERANCE | WINTER COLOR | BROWN PATCH WARM TEMP. | ZOYSIA-GRASS MITE | FALL COLOR SEPTEMBER | FALL COLOR OCTOBER | FALL COLOR NOVEMBER | FALL COLOR DECEMBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AR1 | | | | | | | | X | | | | | | | |
| FL3 | X | X | X | X | | | | | | | | X | X | X | |
| GA1 | | | | | | X | | | | | X | X | | | |
| IL2 | | | | | X | X | X | | | | | | X | | |
| IN1 | | | | | X | X | | | X | | | | | | |
| KS1 | | | | | X | | | | | | | | | | |
| KY1 | | | | | | X | | | | | | | | | |
| MO1 | | | | | X | X | X | | | | | | X | | |
| MS1 | | | | | X | X | | | | | | | | X | |
| NC1 | | | | | | | | | | | | | | X | |
| OK1 | | X | | | X | X | | | | | | | | X | |
| SC1 | | | | | | | | | X | | | | | X | |
| TX1 | | X | X | X | X | X | | | | | | X | | X | X |
| TX2 | X | | | | X | X | X | X | X | X | | | | | |

TABLE B. (CONT'D) LOCATIONS AND DATA COLLECTED IN 2002-03

| LOCATION | SEEDHEAD RATINGS | RECOVERY FROM DIVOTS | PERCENT ESTABLISH-MENT | PERCENT ESTABLISHMENT RATINGS JULY | AUG | SEP | OCT | NOV | SEED HEAD 4/23 | SEED HEAD 4/30 | PERCENT COVER MAY | PERCENT COVER AUGUST |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AR1 | | X | | | | | | | | | | |
| FL3 | | | | | | X | X | X | X | X | | |
| GA1 | | | | | | | | | | | | |
| IL2 | X | | | | | | | | | | | |
| IN1 | | | | X | X | X | | | | | | |
| KS1 | | | | | | | | | | | | |
| KY1 | | | X | | | | | | | | | |
| MO1 | | | | | | | | | | | | |
| MS1 | X | | | | X | X | X | X | | | | |
| NC1 | | | | X | X | X | X | X | | | | |
| OK1 | | | | | | X | X | | | | | |
| SC1 | | | X | | | | | | | | | |
| TX1 | | | | | | | | | | | | |
| TX2 | | | X | | | | | | | | X | X |

TABLE 1A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS GROWN AT NINE LOCATIONS IN THE U.S. 1/ MAINTAINED USING "SCHEDULE A" * 2003 DATA

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

| NAME | AR1 | GA1 | IN1 | KS1 | MO1 | NC1 | OK1 | SC1 | TX1 | MEAN |
|---|---|---|---|---|---|---|---|---|---|---|
| * ZORRO | 8.2 | 7.3 | 5.8 | 6.1 | 4.5 | 4.3 | 7.4 | 7.8 | 4.7 | 6.2 |
| * EMERALD | 7.6 | 6.6 | 5.6 | 5.7 | 4.8 | 3.9 | 6.8 | 7.7 | 4.2 | 5.8 |
| DALZ 0102 | 7.3 | 6.3 | 5.0 | 5.9 | 5.6 | 3.6 | 6.3 | 7.7 | 4.4 | 5.8 |
| DALZ 0101 | 6.7 | 7.2 | 3.8 | 5.2 | 4.7 | 4.3 | 7.1 | 7.9 | 4.7 | 5.7 |
| BMZ 230 | 5.8 | 6.7 | 5.2 | 5.2 | 5.4 | 4.7 | 6.1 | 7.8 | 4.2 | 5.7 |
| * ZENITH | 5.9 | 6.4 | 6.6 | 5.0 | 3.8 | 4.8 | 6.2 | 7.8 | 3.7 | 5.6 |
| PZA 32 | 5.6 | 6.3 | 6.1 | 4.7 | 4.1 | 5.4 | 6.3 | 7.7 | 3.8 | 5.6 |
| PZB 33 | 5.7 | 6.3 | 4.8 | 4.7 | 5.6 | 4.1 | 6.2 | 7.7 | 4.0 | 5.4 |
| J-37 | 5.1 | 6.5 | 5.4 | 4.5 | 4.2 | 4.9 | 5.8 | 7.6 | 3.3 | 5.3 |
| DALZ 0104 | 7.6 | 7.2 | 1.6 | 4.6 | 2.1 | 4.9 | 6.7 | 7.8 | 4.6 | 5.2 |
| HIMENO | 5.8 | 6.6 | 3.6 | 4.1 | 4.8 | 3.8 | 6.6 | 7.5 | 4.0 | 5.2 |
| PST-R7MA | 6.5 | 6.1 | 5.1 | 4.5 | 3.2 | 3.8 | 6.2 | 7.6 | 3.7 | 5.2 |
| * COMPANION | 5.2 | 6.6 | 5.7 | 4.7 | 3.4 | 4.2 | 6.0 | 7.5 | 3.3 | 5.2 |
| * CHINESE COMMON | 4.6 | 6.2 | 5.9 | 4.5 | 3.9 | 4.0 | 5.8 | 7.5 | 3.6 | 5.1 |
| DALZ 0105 | 7.6 | 7.1 | 1.4 | 4.1 | 1.9 | 5.0 | 6.4 | 7.5 | 4.6 | 5.1 |
| DALZ 9604 | 6.9 | 6.9 | 1.7 | 3.8 | 3.2 | 5.0 | 6.1 | 7.4 | 4.3 | 5.0 |
| 6186 | 6.6 | 7.2 | 2.0 | 4.7 | 2.5 | 4.0 | 6.2 | 7.5 | 4.3 | 5.0 |
| * MEYER | 5.6 | 6.4 | 4.1 | 4.1 | 3.9 | 4.1 | 5.2 | 7.3 | 3.6 | 4.9 |
| * GN-Z | 6.7 | 5.6 | 1.2 | 3.9 | 3.4 | 4.7 | 6.4 | 7.5 | 3.7 | 4.8 |
| PST-R7ZM | 6.6 | 5.8 | 4.4 | 3.7 | 1.9 | 4.0 | 5.4 | 7.5 | 3.0 | 4.7 |
| LSD VALUE | 0.8 | 0.7 | 1.6 | 1.1 | 1.5 | 1.5 | 0.6 | 0.3 | 0.5 | 0.4 |
| C.V. (%) | 7.4 | 6.3 | 23.6 | 14.8 | 23.6 | 21.7 | 5.5 | 2.2 | 8.1 | 12.3 |

* COMMERCIALLY AVAILABLE IN THE USA IN 2004.

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.

** SCHEDULE A - 0.5 -0.75 INCH MOWING HEIGHT
0.5 -0.66 lbs. N/1000 FT2/GROWING MONTH
IRRIGATION TO PREVENT STRESS
PEST CONTROL - PRE-EMERGENT ANNUAL GRASS CONTROL ALLOWED, BROADLEAF WEED CONTROL AS NEEDED. INSECTICIDE AND FUNGICIDE APPLICATIONS MAY BE APPLIED ON A CURATIVE BASIS ONLY AFTER DATA ON CULTIVAR RESPONSE IS COLLECTED.

TABLE 1B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS
GROWN AT NINE LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE A" *
2003 DATA

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

| NAME | AR1 | GA1 | IN1 | KS1 | MO1 | NC1 | OK1 | SC1 | TX1 | MEAN |
|---|---|---|---|---|---|---|---|---|---|---|
| ZENITH | 5.9 | 6.4 | 6.6 | 5.0 | 3.8 | 4.8 | 6.2 | 7.8 | 3.7 | 5.6 |
| PZA 32 | 5.6 | 6.3 | 6.1 | 4.7 | 4.1 | 5.4 | 6.3 | 7.7 | 3.8 | 5.6 |
| PZB 33 | 5.7 | 6.3 | 4.8 | 4.7 | 5.6 | 4.1 | 6.2 | 7.7 | 4.0 | 5.4 |
| J-37 | 5.1 | 6.5 | 5.4 | 4.5 | 4.2 | 4.9 | 5.8 | 7.6 | 3.3 | 5.3 |
| PST-R7MA | 6.5 | 6.1 | 5.1 | 4.5 | 3.2 | 3.8 | 6.2 | 7.6 | 3.7 | 5.2 |
| COMPANION | 5.2 | 6.6 | 5.7 | 4.7 | 3.4 | 4.2 | 6.0 | 7.5 | 3.3 | 5.2 |
| CHINESE COMMON | 4.6 | 6.2 | 5.9 | 4.5 | 3.9 | 4.0 | 5.8 | 7.5 | 3.6 | 5.1 |
| PST-R7ZM | 6.6 | 5.8 | 4.4 | 3.7 | 1.9 | 4.0 | 5.4 | 7.5 | 3.0 | 4.7 |
| LSD VALUE | 0.5 | 0.4 | 1.5 | 1.2 | 2.0 | 1.7 | 0.7 | 0.3 | 0.7 | 0.4 |
| C.V. (%) | 6.0 | 3.9 | 16.6 | 16.6 | 33.4 | 23.3 | 7.6 | 2.1 | 12.0 | 13.7 |

TABLE 1C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS
GROWN AT NINE LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE A" *
2003 DATA

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

| NAME | AR1 | GA1 | IN1 | KS1 | MO1 | NC1 | OK1 | SC1 | TX1 | MEAN |
|---|---|---|---|---|---|---|---|---|---|---|
| ZORRO | 8.2 | 7.3 | 5.8 | 6.1 | 4.5 | 4.3 | 7.4 | 7.8 | 4.7 | 6.2 |
| EMERALD | 7.6 | 6.6 | 5.6 | 5.7 | 4.8 | 3.9 | 6.8 | 7.7 | 4.2 | 5.8 |
| DALZ 0102 | 7.3 | 6.3 | 5.0 | 5.9 | 5.6 | 3.6 | 6.3 | 7.7 | 4.4 | 5.8 |
| DALZ 0101 | 6.7 | 7.2 | 3.8 | 5.2 | 4.7 | 4.3 | 7.1 | 7.9 | 4.7 | 5.7 |
| BMZ 230 | 5.8 | 6.7 | 5.2 | 5.2 | 5.4 | 4.7 | 6.1 | 7.8 | 4.2 | 5.7 |
| DALZ 0104 | 7.6 | 7.2 | 1.6 | 4.6 | 2.1 | 4.9 | 6.7 | 7.8 | 4.6 | 5.2 |
| HIMENO | 5.8 | 6.6 | 3.6 | 4.1 | 4.8 | 3.8 | 6.6 | 7.5 | 4.0 | 5.2 |
| DALZ 0105 | 7.6 | 7.1 | 1.4 | 4.1 | 1.9 | 5.0 | 6.4 | 7.5 | 4.6 | 5.1 |
| DALZ 9604 | 6.9 | 6.9 | 1.7 | 3.8 | 3.2 | 5.0 | 6.1 | 7.4 | 4.3 | 5.0 |
| 6186 | 6.6 | 7.2 | 2.0 | 4.7 | 2.5 | 4.0 | 6.2 | 7.5 | 4.3 | 5.0 |
| MEYER | 5.6 | 6.4 | 4.1 | 4.1 | 3.9 | 4.1 | 5.2 | 7.3 | 3.6 | 4.9 |
| GN-Z | 6.7 | 5.6 | 1.2 | 3.9 | 3.4 | 4.7 | 6.4 | 7.5 | 3.7 | 4.8 |
| LSD VALUE | 0.9 | 0.8 | 1.7 | 1.0 | 0.9 | 1.4 | 0.4 | 0.3 | 0.4 | 0.3 |
| C.V. (%) | 7.9 | 7.4 | 30.9 | 13.6 | 14.6 | 20.6 | 3.9 | 2.2 | 5.4 | 11.3 |

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

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

** SCHEDULE A - 0.5 -0.75 INCH MOWING HEIGHT
0.5 -0.66 lbs. N/1000 FT2/GROWING MONTH
IRRIGATION TO PREVENT STRESS
PEST CONTROL - PRE-EMERGENT ANNUAL GRASS CONTROL ALLOWED, BROADLEAF WEED CONTROL AS NEEDED.
INSECTICIDE AND FUNGICIDE APPLICATIONS MAY BE APPLIED ON A CURATIVE BASIS ONLY
AFTER DATA ON CULTIVAR RESPONSE IS COLLECTED.

TABLE 2A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS
GROWN AT FIVE LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE B" *
2003 DATA

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

| NAME | FL3 | IL2 | KY1 | MS1 | TX2 | MEAN |
|---|---|---|---|---|---|---|
| ZORRO | 7.7 | 5.0 | 7.0 | 7.2 | 4.0 | 6.1 |
| DALZ 0101 | 7.1 | 5.5 | 7.0 | 7.0 | 3.9 | 6.1 |
| BMZ 230 | 7.5 | 5.3 | 6.5 | 5.6 | 5.2 | 6.0 |
| EMERALD | 7.5 | 4.7 | 6.9 | 6.9 | 3.0 | 5.8 |
| DALZ 0102 | 6.9 | 4.5 | 6.4 | 5.8 | 4.2 | 5.6 |
| PZB 33 | 6.3 | 5.1 | 6.1 | 5.6 | 4.6 | 5.5 |
| HIMENO | 6.1 | 5.2 | 6.6 | 5.6 | 3.8 | 5.5 |
| ZENITH | 6.6 | 4.5 | 6.2 | 5.8 | 4.0 | 5.4 |
| GN-Z | 6.8 | 4.4 | 5.7 | 5.9 | 3.8 | 5.3 |
| DALZ 0105 | 7.4 | 3.0 | 4.5 | 6.6 | 4.8 | 5.2 |
| J-37 | 6.3 | 4.0 | 6.3 | 5.1 | 4.6 | 5.2 |
| 6186 | 7.3 | 2.4 | 4.9 | 5.9 | 5.7 | 5.2 |
| COMPANION | 6.9 | 3.5 | 6.0 | 5.4 | 4.1 | 5.2 |
| CHINESE COMMON | 6.5 | 3.7 | 6.1 | 5.1 | 3.8 | 5.1 |
| DALZ 0104 | 7.5 | 2.2 | 4.7 | 6.8 | 4.0 | 5.0 |
| PST-R7MA | 5.9 | 3.4 | 6.7 | 5.9 | 3.2 | 5.0 |
| PZA 32 | 5.7 | 3.9 | 6.2 | 5.7 | 3.4 | 5.0 |
| PST-R7ZM | 6.1 | 2.8 | 6.8 | 5.8 | 3.3 | 5.0 |
| MEYER | 5.1 | 4.2 | 6.3 | 5.8 | 3.0 | 4.9 |
| DALZ 9604 | 7.3 | 2.2 | 3.5 | 5.9 | 5.1 | 4.8 |
| LSD VALUE | 0.8 | 0.9 | 0.9 | 0.3 | 0.6 | 0.3 |
| C.V. (%) | 7.1 | 13.9 | 8.9 | 3.3 | 9.7 | 8.4 |

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

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

** SCHEDULE B - 1.5 - 2 INCH MOWING HEIGHT WITH ROTARY MOWER
0.25 - 0.33 lbs. N/1000 FT2/GROWING MONTH
IRRIGATION TO PREVENT DORMANCY OR SEVERE STRESS
PEST CONTROL - PRE-EMERGENT ANNUAL GRASS CONTROL ALLOWED, BROADLEAF WEED CONTROL AS NEEDED.
INSECTICIDE AND FUNGICIDE APPLICATIONS MAY BE APPLIED ON A CURATIVE BASIS ONLY
AFTER DATA ON CULTIVAR RESPONSE IS COLLECTED.

TABLE 2B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS
GROWN AT FIVE LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE B" *
2003 DATA

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

| NAME | FL3 | IL2 | KY1 | MS1 | TX2 | MEAN |
|---|---|---|---|---|---|---|
| PZB 33 | 6.3 | 5.1 | 6.1 | 5.6 | 4.6 | 5.5 |
| ZENITH | 6.6 | 4.5 | 6.2 | 5.8 | 4.0 | 5.4 |
| J-37 | 6.3 | 4.0 | 6.3 | 5.1 | 4.6 | 5.2 |
| COMPANION | 6.9 | 3.5 | 6.0 | 5.4 | 4.1 | 5.2 |
| CHINESE COMMON | 6.5 | 3.7 | 6.1 | 5.1 | 3.8 | 5.1 |
| PST-R7MA | 5.9 | 3.4 | 6.7 | 5.9 | 3.2 | 5.0 |
| PZA 32 | 5.7 | 3.9 | 6.2 | 5.7 | 3.4 | 5.0 |
| PST-R7ZM | 6.1 | 2.8 | 6.8 | 5.8 | 3.3 | 5.0 |
| LSD VALUE | 0.9 | 1.1 | 0.4 | 0.1 | 0.5 | 0.3 |
| C.V. (%) | 9.4 | 17.1 | 4.0 | 1.6 | 8.0 | 8.4 |

TABLE 2C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS
GROWN AT FIVE LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE B" *
2003 DATA

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

| NAME | FL3 | IL2 | KY1 | MS1 | TX2 | MEAN |
|---|---|---|---|---|---|---|
| ZORRO | 7.7 | 5.0 | 7.0 | 7.2 | 4.0 | 6.1 |
| DALZ 0101 | 7.1 | 5.5 | 7.0 | 7.0 | 3.9 | 6.1 |
| BMZ 230 | 7.5 | 5.3 | 6.5 | 5.6 | 5.2 | 6.0 |
| EMERALD | 7.5 | 4.7 | 6.9 | 6.9 | 3.0 | 5.8 |
| DALZ 0102 | 6.9 | 4.5 | 6.4 | 5.8 | 4.2 | 5.6 |
| HIMENO | 6.1 | 5.2 | 6.6 | 5.6 | 3.8 | 5.5 |
| GN-Z | 6.8 | 4.4 | 5.7 | 5.9 | 3.8 | 5.3 |
| DALZ 0105 | 7.4 | 3.0 | 4.5 | 6.6 | 4.8 | 5.2 |
| 6186 | 7.3 | 2.4 | 4.9 | 5.9 | 5.7 | 5.2 |
| DALZ 0104 | 7.5 | 2.2 | 4.7 | 6.8 | 4.0 | 5.0 |
| MEYER | 5.1 | 4.2 | 6.3 | 5.8 | 3.0 | 4.9 |
| DALZ 9604 | 7.3 | 2.2 | 3.5 | 5.9 | 5.1 | 4.8 |
| LSD VALUE | 0.6 | 0.7 | 1.1 | 0.4 | 0.7 | 0.3 |
| C.V. (%) | 5.5 | 11.4 | 11.3 | 3.9 | 10.6 | 8.4 |

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

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

** SCHEDULE B - 1.5 - 2 INCH MOWING HEIGHT WITH ROTARY MOWER
0.25 - 0.33 lbs. N/1000 FT2/GROWING MONTH
IRRIGATION TO PREVENT DORMANCY OR SEVERE STRESS
PEST CONTROL - PRE-EMERGENT ANNUAL GRASS CONTROL ALLOWED, BROADLEAF WEED CONTROL AS NEEDED.
INSECTICIDE AND FUNGICIDE APPLICATIONS MAY BE APPLIED ON A CURATIVE BASIS ONLY
AFTER DATA ON CULTIVAR RESPONSE IS COLLECTED.

TABLE 3A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS GROWN AT TWO LOCATIONS IN THE U.S. 1/
2002 DATA

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

| NAME | KY1 | MS1 | MEAN |
|---|---|---|---|
| ZENITH | 7.9 | 5.7 | 6.8 |
| PZB 33 | 7.7 | 5.3 | 6.5 |
| PZA 32 | 7.3 | 5.3 | 6.3 |
| J-37 | 7.2 | 5.3 | 6.2 |
| PST-R7MA | 7.2 | 5.1 | 6.2 |
| COMPANION | 7.0 | 5.3 | 6.1 |
| PST-R7ZM | 7.6 | 4.7 | 6.1 |
| CHINESE COMMON | 6.9 | 5.2 | 6.0 |
| 6186 | 4.0 | 5.1 | 4.5 |
| BMZ 230 | 3.8 | 5.1 | 4.4 |
| DALZ 0102 | 4.0 | 4.3 | 4.1 |
| DALZ 9604 | 3.8 | 4.4 | 4.1 |
| DALZ 0105 | 3.7 | 4.5 | 4.1 |
| DALZ 0104 | 3.7 | 4.2 | 3.9 |
| HIMENO | 3.8 | 3.7 | 3.7 |
| ZORRO | 3.3 | 4.1 | 3.7 |
| EMERALD | 3.8 | 3.5 | 3.6 |
| DALZ 0101 | 3.2 | 3.7 | 3.4 |
| MEYER | 3.2 | 3.7 | 3.4 |
| GN-Z | 3.2 | 3.4 | 3.3 |
| LSD VALUE | 0.5 | 0.6 | 0.4 |
| C.V. (%) | 6.5 | 8.7 | 7.6 |

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

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

TABLE 3B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS GROWN AT TWO LOCATIONS IN THE U.S. 1/
2002 DATA

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

| NAME | KY1 | MS1 | MEAN |
|---|---|---|---|
| ZENITH | 7.9 | 5.7 | 6.8 |
| PZB 33 | 7.7 | 5.3 | 6.5 |
| PZA 32 | 7.3 | 5.3 | 6.3 |
| J-37 | 7.2 | 5.3 | 6.2 |
| PST-R7MA | 7.2 | 5.1 | 6.2 |
| COMPANION | 7.0 | 5.3 | 6.1 |
| PST-R7ZM | 7.6 | 4.7 | 6.1 |
| CHINESE COMMON | 6.9 | 5.2 | 6.0 |
| LSD VALUE | 0.7 | 0.6 | 0.5 |
| C.V. (%) | 5.9 | 7.7 | 6.7 |

TABLE 3C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS GROWN AT TWO LOCATIONS IN THE U.S. 1/
2002 DATA

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

| NAME | KY1 | MS1 | MEAN |
|---|---|---|---|
| 6186 | 4.0 | 5.1 | 4.5 |
| BMZ 230 | 3.8 | 5.1 | 4.4 |
| DALZ 0102 | 4.0 | 4.3 | 4.1 |
| DALZ 9604 | 3.8 | 4.4 | 4.1 |
| DALZ 0105 | 3.7 | 4.5 | 4.1 |
| DALZ 0104 | 3.7 | 4.2 | 3.9 |
| HIMENO | 3.8 | 3.7 | 3.7 |
| ZORRO | 3.3 | 4.1 | 3.7 |
| EMERALD | 3.8 | 3.5 | 3.6 |
| DALZ 0101 | 3.2 | 3.7 | 3.4 |
| MEYER | 3.2 | 3.7 | 3.4 |
| GN-Z | 3.2 | 3.4 | 3.3 |
| LSD VALUE | 0.4 | 0.6 | 0.4 |
| C.V. (%) | 6.7 | 9.6 | 8.5 |

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

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

TABLE 4A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS GROWN AT SEVEN LOCATIONS 1/ IN THE SOUTHERN REGION 2003 DATA

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

| NAME | FL3 | GA1 | MS1 | OK1 | SC1 | TX1 | TX2 | MEAN |
|---|---|---|---|---|---|---|---|---|
| ZORRO | 7.7 | 7.3 | 7.2 | 7.4 | 7.8 | 4.7 | 4.0 | 6.6 |
| DALZ 0101 | 7.1 | 7.2 | 7.0 | 7.1 | 7.9 | 4.7 | 3.9 | 6.4 |
| DALZ 0104 | 7.5 | 7.2 | 6.8 | 6.7 | 7.8 | 4.6 | 4.0 | 6.4 |
| DALZ 0105 | 7.4 | 7.1 | 6.6 | 6.4 | 7.5 | 4.6 | 4.8 | 6.3 |
| 6186 | 7.3 | 7.2 | 5.9 | 6.2 | 7.5 | 4.3 | 5.7 | 6.3 |
| BMZ 230 | 7.5 | 6.7 | 5.6 | 6.1 | 7.8 | 4.2 | 5.2 | 6.2 |
| DALZ 9604 | 7.3 | 6.9 | 5.9 | 6.1 | 7.4 | 4.3 | 5.1 | 6.1 |
| EMERALD | 7.5 | 6.6 | 6.9 | 6.8 | 7.7 | 4.2 | 3.0 | 6.1 |
| DALZ 0102 | 6.9 | 6.3 | 5.8 | 6.3 | 7.7 | 4.4 | 4.2 | 5.9 |
| PZB 33 | 6.3 | 6.3 | 5.6 | 6.2 | 7.7 | 4.0 | 4.6 | 5.8 |
| ZENITH | 6.6 | 6.4 | 5.8 | 6.2 | 7.8 | 3.7 | 4.0 | 5.8 |
| HIMENO | 6.1 | 6.6 | 5.6 | 6.6 | 7.5 | 4.0 | 3.8 | 5.7 |
| COMPANION | 6.9 | 6.6 | 5.4 | 6.0 | 7.5 | 3.3 | 4.1 | 5.7 |
| GN-Z | 6.8 | 5.6 | 5.9 | 6.4 | 7.5 | 3.7 | 3.8 | 5.7 |
| J-37 | 6.3 | 6.5 | 5.1 | 5.8 | 7.6 | 3.3 | 4.6 | 5.6 |
| PZA 32 | 5.7 | 6.3 | 5.7 | 6.3 | 7.7 | 3.8 | 3.4 | 5.6 |
| PST-R7MA | 5.9 | 6.1 | 5.9 | 6.2 | 7.6 | 3.7 | 3.2 | 5.5 |
| CHINESE COMMON | 6.5 | 6.2 | 5.1 | 5.8 | 7.5 | 3.6 | 3.8 | 5.5 |
| PST-R7ZM | 6.1 | 5.8 | 5.8 | 5.4 | 7.5 | 3.0 | 3.3 | 5.3 |
| MEYER | 5.1 | 6.4 | 5.8 | 5.2 | 7.3 | 3.6 | 3.0 | 5.2 |
| LSD VALUE | 0.8 | 0.7 | 0.3 | 0.6 | 0.3 | 0.5 | 0.6 | 0.2 |
| C.V. (%) | 7.1 | 6.3 | 3.3 | 5.5 | 2.2 | 8.1 | 9.7 | 5.9 |

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 4B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS GROWN AT SEVEN LOCATIONS 1/ IN THE SOUTHERN REGION 2003 DATA

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

| NAME | FL3 | GA1 | MS1 | OK1 | SC1 | TX1 | TX2 | MEAN |
|---|---|---|---|---|---|---|---|---|
| PZB 33 | 6.3 | 6.3 | 5.6 | 6.2 | 7.7 | 4.0 | 4.6 | 5.8 |
| ZENITH | 6.6 | 6.4 | 5.8 | 6.2 | 7.8 | 3.7 | 4.0 | 5.8 |
| COMPANION | 6.9 | 6.6 | 5.4 | 6.0 | 7.5 | 3.3 | 4.1 | 5.7 |
| J-37 | 6.3 | 6.5 | 5.1 | 5.8 | 7.6 | 3.3 | 4.6 | 5.6 |
| PZA 32 | 5.7 | 6.3 | 5.7 | 6.3 | 7.7 | 3.8 | 3.4 | 5.6 |
| PST-R7MA | 5.9 | 6.1 | 5.9 | 6.2 | 7.6 | 3.7 | 3.2 | 5.5 |
| CHINESE COMMON | 6.5 | 6.2 | 5.1 | 5.8 | 7.5 | 3.6 | 3.8 | 5.5 |
| PST-R7ZM | 6.1 | 5.8 | 5.8 | 5.4 | 7.5 | 3.0 | 3.3 | 5.3 |
| LSD VALUE | 0.9 | 0.4 | 0.1 | 0.7 | 0.3 | 0.7 | 0.5 | 0.2 |
| C.V. (%) | 9.4 | 3.9 | 1.6 | 7.6 | 2.1 | 12.0 | 8.0 | 6.5 |

TABLE 4C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS GROWN AT SEVEN LOCATIONS 1/ IN THE SOUTHERN REGION 2003 DATA

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

| NAME | FL3 | GA1 | MS1 | OK1 | SC1 | TX1 | TX2 | MEAN |
|---|---|---|---|---|---|---|---|---|
| ZORRO | 7.7 | 7.3 | 7.2 | 7.4 | 7.8 | 4.7 | 4.0 | 6.6 |
| DALZ 0101 | 7.1 | 7.2 | 7.0 | 7.1 | 7.9 | 4.7 | 3.9 | 6.4 |
| DALZ 0104 | 7.5 | 7.2 | 6.8 | 6.7 | 7.8 | 4.6 | 4.0 | 6.4 |
| DALZ 0105 | 7.4 | 7.1 | 6.6 | 6.4 | 7.5 | 4.6 | 4.8 | 6.3 |
| 6186 | 7.3 | 7.2 | 5.9 | 6.2 | 7.5 | 4.3 | 5.7 | 6.3 |
| BMZ 230 | 7.5 | 6.7 | 5.6 | 6.1 | 7.8 | 4.2 | 5.2 | 6.2 |
| DALZ 9604 | 7.3 | 6.9 | 5.9 | 6.1 | 7.4 | 4.3 | 5.1 | 6.1 |
| EMERALD | 7.5 | 6.6 | 6.9 | 6.8 | 7.7 | 4.2 | 3.0 | 6.1 |
| DALZ 0102 | 6.9 | 6.3 | 5.8 | 6.3 | 7.7 | 4.4 | 4.2 | 5.9 |
| HIMENO | 6.1 | 6.6 | 5.6 | 6.6 | 7.5 | 4.0 | 3.8 | 5.7 |
| GN-Z | 6.8 | 5.6 | 5.9 | 6.4 | 7.5 | 3.7 | 3.8 | 5.7 |
| MEYER | 5.1 | 6.4 | 5.8 | 5.2 | 7.3 | 3.6 | 3.0 | 5.2 |
| LSD VALUE | 0.6 | 0.8 | 0.4 | 0.4 | 0.3 | 0.4 | 0.7 | 0.2 |
| C.V. (%) | 5.5 | 7.4 | 3.9 | 3.9 | 2.2 | 5.4 | 10.6 | 5.6 |

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

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

TABLE 5A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS GROWN AT TWO LOCATIONS 1/ IN THE NORTHERN REGION 2003 DATA

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

| NAME | IN1 | KS1 | MEAN |
|---|---|---|---|
| ZORRO | 5.8 | 6.1 | 5.9 |
| ZENITH | 6.6 | 5.0 | 5.8 |
| EMERALD | 5.6 | 5.7 | 5.6 |
| DALZ 0102 | 5.0 | 5.9 | 5.4 |
| PZA 32 | 6.1 | 4.7 | 5.4 |
| BMZ 230 | 5.2 | 5.2 | 5.2 |
| CHINESE COMMON | 5.9 | 4.5 | 5.2 |
| COMPANION | 5.7 | 4.7 | 5.2 |
| J-37 | 5.4 | 4.5 | 5.0 |
| PST-R7MA | 5.1 | 4.5 | 4.8 |
| PZB 33 | 4.8 | 4.7 | 4.7 |
| DALZ 0101 | 3.8 | 5.2 | 4.5 |
| MEYER | 4.1 | 4.1 | 4.1 |
| PST-R7ZM | 4.4 | 3.7 | 4.1 |
| HIMENO | 3.6 | 4.1 | 3.8 |
| 6186 | 2.0 | 4.7 | 3.3 |
| DALZ 0104 | 1.6 | 4.6 | 3.1 |
| DALZ 0105 | 1.4 | 4.1 | 2.8 |
| DALZ 9604 | 1.7 | 3.8 | 2.7 |
| GN-Z | 1.2 | 3.9 | 2.6 |
| LSD VALUE | 1.6 | 1.1 | 1.0 |
| C.V. (%) | 23.6 | 14.8 | 19.3 |

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

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

TABLE 5B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS
GROWN AT TWO LOCATIONS 1/
IN THE NORTHERN REGION
2003 DATA

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

| NAME | IN1 | KS1 | MEAN |
|---|---|---|---|
| ZENITH | 6.6 | 5.0 | 5.8 |
| PZA 32 | 6.1 | 4.7 | 5.4 |
| CHINESE COMMON | 5.9 | 4.5 | 5.2 |
| COMPANION | 5.7 | 4.7 | 5.2 |
| J-37 | 5.4 | 4.5 | 5.0 |
| PST-R7MA | 5.1 | 4.5 | 4.8 |
| PZB 33 | 4.8 | 4.7 | 4.7 |
| PST-R7ZM | 4.4 | 3.7 | 4.1 |
| LSD VALUE | 1.5 | 1.2 | 1.0 |
| C.V. (%) | 16.6 | 16.6 | 16.7 |

TABLE 5C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS
GROWN AT TWO LOCATIONS 1/
IN THE NORTHERN REGION
2003 DATA

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

| NAME | IN1 | KS1 | MEAN |
|---|---|---|---|
| ZORRO | 5.8 | 6.1 | 5.9 |
| EMERALD | 5.6 | 5.7 | 5.6 |
| DALZ 0102 | 5.0 | 5.9 | 5.4 |
| BMZ 230 | 5.2 | 5.2 | 5.2 |
| DALZ 0101 | 3.8 | 5.2 | 4.5 |
| MEYER | 4.1 | 4.1 | 4.1 |
| HIMENO | 3.6 | 4.1 | 3.8 |
| 6186 | 2.0 | 4.7 | 3.3 |
| DALZ 0104 | 1.6 | 4.6 | 3.1 |
| DALZ 0105 | 1.4 | 4.1 | 2.8 |
| DALZ 9604 | 1.7 | 3.8 | 2.7 |
| GN-Z | 1.2 | 3.9 | 2.6 |
| LSD VALUE | 1.7 | 1.0 | 1.0 |
| C.V. (%) | 30.9 | 13.6 | 21.4 |

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

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

TABLE 6A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS GROWN AT FIVE LOCATIONS 1/ IN THE TRANSITION ZONE 2003 DATA

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

| NAME | AR1 | IL2 | KY1 | MO1 | NC1 | MEAN |
|---|---|---|---|---|---|---|
| ZORRO | 8.2 | 5.0 | 7.0 | 4.5 | 4.3 | 5.8 |
| DALZ 0101 | 6.7 | 5.5 | 7.0 | 4.7 | 4.3 | 5.6 |
| EMERALD | 7.6 | 4.7 | 6.9 | 4.8 | 3.9 | 5.6 |
| BMZ 230 | 5.8 | 5.3 | 6.5 | 5.4 | 4.7 | 5.5 |
| DALZ 0102 | 7.3 | 4.5 | 6.4 | 5.6 | 3.6 | 5.5 |
| PZB 33 | 5.7 | 5.1 | 6.1 | 5.6 | 4.1 | 5.3 |
| HIMENO | 5.8 | 5.2 | 6.6 | 4.8 | 3.8 | 5.3 |
| PZA 32 | 5.6 | 3.9 | 6.2 | 4.1 | 5.4 | 5.0 |
| ZENITH | 5.9 | 4.5 | 6.2 | 3.8 | 4.8 | 5.0 |
| GN-Z | 6.7 | 4.4 | 5.7 | 3.4 | 4.7 | 5.0 |
| J-37 | 5.1 | 4.0 | 6.3 | 4.2 | 4.9 | 4.9 |
| MEYER | 5.6 | 4.2 | 6.3 | 3.9 | 4.1 | 4.8 |
| PST-R7MA | 6.5 | 3.4 | 6.7 | 3.2 | 3.8 | 4.7 |
| CHINESE COMMON | 4.6 | 3.7 | 6.1 | 3.9 | 4.0 | 4.5 |
| COMPANION | 5.2 | 3.5 | 6.0 | 3.4 | 4.2 | 4.5 |
| PST-R7ZM | 6.6 | 2.8 | 6.8 | 1.9 | 4.0 | 4.4 |
| DALZ 0105 | 7.6 | 3.0 | 4.5 | 1.9 | 5.0 | 4.4 |
| DALZ 0104 | 7.6 | 2.2 | 4.7 | 2.1 | 4.9 | 4.3 |
| DALZ 9604 | 6.9 | 2.2 | 3.5 | 3.2 | 5.0 | 4.2 |
| 6186 | 6.6 | 2.4 | 4.9 | 2.5 | 4.0 | 4.1 |
| LSD VALUE | 0.8 | 0.9 | 0.9 | 1.5 | 1.5 | 0.5 |
| C.V. (%) | 7.4 | 13.9 | 8.9 | 23.6 | 21.7 | 14.5 |

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

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

TABLE 6B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS
GROWN AT FIVE LOCATIONS 1/
IN THE TRANSITION ZONE
2003 DATA

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

| NAME | AR1 | IL2 | KY1 | MO1 | NC1 | MEAN |
|---|---|---|---|---|---|---|
| PZB 33 | 5.7 | 5.1 | 6.1 | 5.6 | 4.1 | 5.3 |
| PZA 32 | 5.6 | 3.9 | 6.2 | 4.1 | 5.4 | 5.0 |
| ZENITH | 5.9 | 4.5 | 6.2 | 3.8 | 4.8 | 5.0 |
| J-37 | 5.1 | 4.0 | 6.3 | 4.2 | 4.9 | 4.9 |
| PST-R7MA | 6.5 | 3.4 | 6.7 | 3.2 | 3.8 | 4.7 |
| CHINESE COMMON | 4.6 | 3.7 | 6.1 | 3.9 | 4.0 | 4.5 |
| COMPANION | 5.2 | 3.5 | 6.0 | 3.4 | 4.2 | 4.5 |
| PST-R7ZM | 6.6 | 2.8 | 6.8 | 1.9 | 4.0 | 4.4 |
| LSD VALUE | 0.5 | 1.1 | 0.4 | 2.0 | 1.7 | 0.6 |
| C.V. (%) | 6.0 | 17.1 | 4.0 | 33.4 | 23.3 | 16.8 |

TABLE 6C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS
GROWN AT FIVE LOCATIONS 1/
IN THE TRANSITION ZONE
2003 DATA

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

| NAME | AR1 | IL2 | KY1 | MO1 | NC1 | MEAN |
|---|---|---|---|---|---|---|
| ZORRO | 8.2 | 5.0 | 7.0 | 4.5 | 4.3 | 5.8 |
| DALZ 0101 | 6.7 | 5.5 | 7.0 | 4.7 | 4.3 | 5.6 |
| EMERALD | 7.6 | 4.7 | 6.9 | 4.8 | 3.9 | 5.6 |
| BMZ 230 | 5.8 | 5.3 | 6.5 | 5.4 | 4.7 | 5.5 |
| DALZ 0102 | 7.3 | 4.5 | 6.4 | 5.6 | 3.6 | 5.5 |
| HIMENO | 5.8 | 5.2 | 6.6 | 4.8 | 3.8 | 5.3 |
| GN-Z | 6.7 | 4.4 | 5.7 | 3.4 | 4.7 | 5.0 |
| MEYER | 5.6 | 4.2 | 6.3 | 3.9 | 4.1 | 4.8 |
| DALZ 0105 | 7.6 | 3.0 | 4.5 | 1.9 | 5.0 | 4.4 |
| DALZ 0104 | 7.6 | 2.2 | 4.7 | 2.1 | 4.9 | 4.3 |
| DALZ 9604 | 6.9 | 2.2 | 3.5 | 3.2 | 5.0 | 4.2 |
| 6186 | 6.6 | 2.4 | 4.9 | 2.5 | 4.0 | 4.1 |
| LSD VALUE | 0.9 | 0.7 | 1.1 | 0.9 | 1.4 | 0.5 |
| C.V. (%) | 7.9 | 11.4 | 11.3 | 14.6 | 20.6 | 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 7A. GENETIC COLOR RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2003 DATA

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

| NAME | AR1 | FL3 | IL2 | IN1 | KS1 | KY1 | MS1 | NC1 | OK1 | SC1 | TX1 | TX2 | MEAN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HIMENO | 6.7 | 8.0 | 7.0 | 6.7 | 7.3 | 9.0 | 6.0 | 7.0 | 7.0 | 6.7 | 8.0 | 7.3 | 7.2 |
| DALZ 0101 | 6.3 | 8.3 | 5.0 | 6.0 | 8.0 | 8.3 | 7.0 | 6.7 | 7.3 | 7.0 | 8.0 | 7.0 | 7.1 |
| EMERALD | 7.7 | 8.7 | 5.7 | 4.7 | 7.7 | 8.0 | 6.0 | 8.0 | 7.0 | 6.3 | 7.3 | 7.3 | 7.0 |
| ZORRO | 8.0 | 9.0 | 5.0 | 4.0 | 7.7 | 7.7 | 6.3 | 6.7 | 7.3 | 6.3 | 7.0 | 7.7 | 6.9 |
| 6186 | 8.0 | 8.3 | 6.7 | 4.0 | 7.3 | 7.0 | 7.0 | 7.0 | 6.3 | 5.3 | 7.7 | 6.3 | 6.8 |
| PZA 32 | 6.7 | 6.3 | 7.7 | 4.7 | 8.0 | 8.0 | 6.0 | 5.7 | 6.3 | 7.0 | 7.0 | 7.0 | 6.7 |
| MEYER | 7.0 | 5.3 | 4.7 | 5.0 | 7.7 | 7.7 | 6.0 | 7.0 | 6.7 | 5.7 | 7.7 | 7.7 | 6.5 |
| BMZ 230 | 7.0 | 9.0 | 2.3 | 3.7 | 7.3 | 7.3 | 6.0 | 7.0 | 6.0 | 6.7 | 7.0 | 8.3 | 6.5 |
| PST-R7MA | 6.7 | 6.3 | 3.7 | 5.0 | 7.0 | 8.0 | 6.0 | 7.3 | 6.7 | 6.3 | 7.0 | 7.3 | 6.4 |
| PZB 33 | 6.7 | 7.0 | 4.7 | 3.7 | 7.7 | 7.7 | 6.0 | 7.0 | 6.7 | 7.0 | 6.3 | 7.0 | 6.4 |
| DALZ 0104 | 7.7 | 8.3 | 5.3 | 4.7 | 7.0 | 5.7 | 6.0 | 7.3 | 6.0 | 5.7 | 7.7 | 5.7 | 6.4 |
| DALZ 0105 | 8.3 | 8.3 | 5.3 | 4.0 | 6.3 | 6.0 | 6.0 | 7.0 | 5.7 | 5.7 | 7.3 | 7.0 | 6.4 |
| PST-R7ZM | 7.0 | 5.0 | 5.0 | 4.7 | 7.3 | 7.0 | 6.0 | 7.3 | 6.3 | 6.7 | 7.0 | 7.3 | 6.4 |
| COMPANION | 6.0 | 7.7 | 4.0 | 4.0 | 7.7 | 7.0 | 6.0 | 7.0 | 6.3 | 6.3 | 6.7 | 7.0 | 6.3 |
| GN-Z | 7.0 | 8.3 | 1.7 | 3.0 | 7.7 | 7.7 | 5.7 | 7.3 | 6.7 | 6.3 | 7.0 | 7.0 | 6.3 |
| ZENITH | 6.0 | 7.3 | 3.3 | 5.0 | 7.0 | 7.3 | 6.0 | 6.0 | 6.7 | 7.0 | 6.7 | 7.0 | 6.3 |
| DALZ 9604 | 6.3 | 8.3 | 3.0 | 5.3 | 7.0 | 6.3 | 6.0 | 6.3 | 6.0 | 6.0 | 7.0 | 6.0 | 6.1 |
| J-37 | 5.7 | 7.3 | 2.7 | 4.3 | 7.0 | 7.0 | 6.0 | 7.3 | 6.0 | 6.7 | 6.0 | 7.0 | 6.1 |
| CHINESE COMMON | 6.0 | 6.7 | 4.0 | 4.3 | 7.0 | 6.7 | 5.3 | 7.7 | 5.3 | 6.3 | 6.3 | 7.0 | 6.1 |
| DALZ 0102 | 7.3 | 7.7 | 1.3 | 3.0 | 6.7 | 7.3 | 5.0 | 7.3 | 6.7 | 7.0 | 7.0 | 6.3 | 6.1 |
| LSD VALUE | 1.1 | 1.4 | 2.0 | 1.8 | 1.0 | 1.2 | 0.4 | 1.0 | 0.9 | 1.1 | 0.6 | 1.0 | 0.3 |
| C.V. (%) | 9.5 | 11.8 | 28.4 | 24.6 | 8.1 | 10.4 | 3.7 | 8.8 | 9.0 | 10.3 | 5.5 | 9.2 | 11.5 |

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

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

TABLE 7B. GENETIC COLOR RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
2003 DATA

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

| NAME | AR1 | FL3 | IL2 | IN1 | KS1 | KY1 | MS1 | NC1 | OK1 | SC1 | TX1 | TX2 | MEAN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PZA 32 | 6.7 | 6.3 | 7.7 | 4.7 | 8.0 | 8.0 | 6.0 | 5.7 | 6.3 | 7.0 | 7.0 | 7.0 | 6.7 |
| PST-R7MA | 6.7 | 6.3 | 3.7 | 5.0 | 7.0 | 8.0 | 6.0 | 7.3 | 6.7 | 6.3 | 7.0 | 7.3 | 6.4 |
| PZB 33 | 6.7 | 7.0 | 4.7 | 3.7 | 7.7 | 7.7 | 6.0 | 7.0 | 6.7 | 7.0 | 6.3 | 7.0 | 6.4 |
| PST-R7ZM | 7.0 | 5.0 | 5.0 | 4.7 | 7.3 | 7.0 | 6.0 | 7.3 | 6.3 | 6.7 | 7.0 | 7.3 | 6.4 |
| COMPANION | 6.0 | 7.7 | 4.0 | 4.0 | 7.7 | 7.0 | 6.0 | 7.0 | 6.3 | 6.3 | 6.7 | 7.0 | 6.3 |
| ZENITH | 6.0 | 7.3 | 3.3 | 5.0 | 7.0 | 7.3 | 6.0 | 6.0 | 6.7 | 7.0 | 6.7 | 7.0 | 6.3 |
| J-37 | 5.7 | 7.3 | 2.7 | 4.3 | 7.0 | 7.0 | 6.0 | 7.3 | 6.0 | 6.7 | 6.0 | 7.0 | 6.1 |
| CHINESE COMMON | 6.0 | 6.7 | 4.0 | 4.3 | 7.0 | 6.7 | 5.3 | 7.7 | 5.3 | 6.3 | 6.3 | 7.0 | 6.1 |
| LSD VALUE | 0.9 | 1.3 | 2.3 | 1.4 | 0.8 | 1.0 | 0.3 | 1.1 | 1.0 | 0.9 | 0.7 | 0.9 | 0.3 |
| C.V. (%) | 8.5 | 11.8 | 33.0 | 18.9 | 6.8 | 8.4 | 3.4 | 9.8 | 10.3 | 8.7 | 6.2 | 8.2 | 11.2 |

TABLE 7C. GENETIC COLOR RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
2003 DATA

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

| NAME | AR1 | FL3 | IL2 | IN1 | KS1 | KY1 | MS1 | NC1 | OK1 | SC1 | TX1 | TX2 | MEAN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HIMENO | 6.7 | 8.0 | 7.0 | 6.7 | 7.3 | 9.0 | 6.0 | 7.0 | 7.0 | 6.7 | 8.0 | 7.3 | 7.2 |
| DALZ 0101 | 6.3 | 8.3 | 5.0 | 6.0 | 8.0 | 8.3 | 7.0 | 6.7 | 7.3 | 7.0 | 8.0 | 7.0 | 7.1 |
| EMERALD | 7.7 | 8.7 | 5.7 | 4.7 | 7.7 | 8.0 | 6.0 | 8.0 | 7.0 | 6.3 | 7.3 | 7.3 | 7.0 |
| ZORRO | 8.0 | 9.0 | 5.0 | 4.0 | 7.7 | 7.7 | 6.3 | 6.7 | 7.3 | 6.3 | 7.0 | 7.7 | 6.9 |
| 6186 | 8.0 | 8.3 | 6.7 | 4.0 | 7.3 | 7.0 | 7.0 | 7.0 | 6.3 | 5.3 | 7.7 | 6.3 | 6.8 |
| MEYER | 7.0 | 5.3 | 4.7 | 5.0 | 7.7 | 7.7 | 6.0 | 7.0 | 6.7 | 5.7 | 7.7 | 7.7 | 6.5 |
| BMZ 230 | 7.0 | 9.0 | 2.3 | 3.7 | 7.3 | 7.3 | 6.0 | 7.0 | 6.0 | 6.7 | 7.0 | 8.3 | 6.5 |
| DALZ 0104 | 7.7 | 8.3 | 5.3 | 4.7 | 7.0 | 5.7 | 6.0 | 7.3 | 6.0 | 5.7 | 7.7 | 5.7 | 6.4 |
| DALZ 0105 | 8.3 | 8.3 | 5.3 | 4.0 | 6.3 | 6.0 | 6.0 | 7.0 | 5.7 | 5.7 | 7.3 | 7.0 | 6.4 |
| GN-Z | 7.0 | 8.3 | 1.7 | 3.0 | 7.7 | 7.7 | 5.7 | 7.3 | 6.7 | 6.3 | 7.0 | 7.0 | 6.3 |
| DALZ 9604 | 6.3 | 8.3 | 3.0 | 5.3 | 7.0 | 6.3 | 6.0 | 6.3 | 6.0 | 6.0 | 7.0 | 6.0 | 6.1 |
| DALZ 0102 | 7.3 | 7.7 | 1.3 | 3.0 | 6.7 | 7.3 | 5.0 | 7.3 | 6.7 | 7.0 | 7.0 | 6.3 | 6.1 |
| LSD VALUE | 1.2 | 1.5 | 1.8 | 2.0 | 1.0 | 1.4 | 0.4 | 0.9 | 0.8 | 1.1 | 0.6 | 1.1 | 0.4 |
| C.V. (%) | 10.0 | 11.8 | 25.0 | 27.7 | 8.8 | 11.6 | 3.9 | 8.2 | 8.0 | 11.4 | 5.0 | 9.9 | 11.7 |

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

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

TABLE 8A. SPRING GREENUP RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2003 DATA

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

| NAME | AR1 | FL3 | IL2 | IN1 | KY1 | MO1 | MS1 | OK1 | SC1 | TX1 | MEAN |
|---|---|---|---|---|---|---|---|---|---|---|---|
| EMERALD | 4.7 | 7.7 | 5.7 | 2.0 | 9.0 | 6.0 | 6.7 | 5.7 | 3.7 | 5.7 | 5.7 |
| BMZ 230 | 4.0 | 7.3 | 7.0 | 4.7 | 8.0 | 5.3 | 6.7 | 5.7 | 2.3 | 5.3 | 5.6 |
| DALZ 0101 | 2.7 | 8.0 | 6.0 | 1.7 | 9.0 | 4.3 | 6.3 | 5.3 | 3.7 | 5.7 | 5.3 |
| MEYER | 2.3 | 7.0 | 5.0 | 2.7 | 9.0 | 5.7 | 6.3 | 4.7 | 3.0 | 5.3 | 5.1 |
| DALZ 0102 | 4.0 | 7.3 | 5.0 | 3.7 | 9.0 | 3.7 | 6.0 | 4.0 | 2.0 | 5.3 | 5.0 |
| GN-Z | 3.3 | 8.0 | 3.3 | 1.3 | 9.0 | 3.7 | 6.0 | 5.3 | 3.0 | 5.3 | 4.8 |
| ZENITH | 2.3 | 7.3 | 6.7 | 3.3 | 4.0 | 5.0 | 6.0 | 5.0 | 2.7 | 5.7 | 4.8 |
| ZORRO | 3.3 | 8.0 | 3.3 | 2.0 | 9.0 | 4.3 | 6.0 | 4.7 | 1.7 | 5.7 | 4.8 |
| PST-R7MA | 2.7 | 6.7 | 7.7 | 3.7 | 5.0 | 3.0 | 6.0 | 5.0 | 2.3 | 5.0 | 4.7 |
| PZA 32 | 2.0 | 7.7 | 7.7 | 2.7 | 4.0 | 4.7 | 5.7 | 5.0 | 2.3 | 5.3 | 4.7 |
| COMPANION | 3.0 | 7.3 | 7.7 | 3.7 | 3.3 | 3.0 | 5.3 | 5.3 | 2.7 | 5.7 | 4.7 |
| PST-R7ZM | 3.0 | 7.3 | 8.3 | 2.7 | 4.0 | 2.7 | 7.0 | 4.3 | 2.7 | 5.0 | 4.7 |
| PZB 33 | 1.7 | 7.3 | 7.0 | 3.3 | 3.7 | 4.3 | 5.7 | 5.0 | 2.3 | 5.7 | 4.6 |
| J-37 | 2.7 | 7.3 | 6.7 | 3.0 | 4.7 | 4.7 | 5.3 | 5.0 | 2.3 | 3.7 | 4.5 |
| CHINESE COMMON | 1.3 | 7.3 | 6.0 | 3.7 | 7.3 | 3.7 | 5.3 | 4.3 | 1.7 | 4.0 | 4.5 |
| HIMENO | 1.0 | 7.0 | 3.0 | 1.3 | 9.0 | 6.0 | 5.0 | 4.0 | 1.0 | 4.7 | 4.2 |
| DALZ 0105 | 4.0 | 8.0 | 1.0 | 1.3 | 5.7 | 1.3 | 4.0 | 2.7 | 3.3 | 4.0 | 3.5 |
| DALZ 0104 | 4.3 | 8.0 | 1.0 | 1.3 | 1.3 | 1.3 | 3.3 | 2.7 | 3.0 | 5.0 | 3.1 |
| DALZ 9604 | 2.3 | 7.3 | 1.0 | 1.7 | 2.7 | 2.0 | 2.3 | 2.3 | 3.0 | 3.3 | 2.8 |
| 6186 | 2.0 | 7.3 | 1.0 | 1.0 | 1.0 | 1.7 | 2.0 | 2.3 | 2.0 | 3.7 | 2.4 |
| LSD VALUE | 1.7 | 0.8 | 1.4 | 1.0 | 2.2 | 2.2 | 0.9 | 0.7 | 1.0 | 2.1 | 0.5 |
| C.V. (%) | 37.8 | 6.9 | 17.9 | 25.5 | 22.9 | 35.5 | 9.9 | 10.5 | 23.9 | 26.7 | 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 8B. SPRING GREENUP RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
2003 DATA

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

| NAME | AR1 | FL3 | IL2 | IN1 | KY1 | MO1 | MS1 | OK1 | SC1 | TX1 | MEAN |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ZENITH | 2.3 | 7.3 | 6.7 | 3.3 | 4.0 | 5.0 | 6.0 | 5.0 | 2.7 | 5.7 | 4.8 |
| PST-R7MA | 2.7 | 6.7 | 7.7 | 3.7 | 5.0 | 3.0 | 6.0 | 5.0 | 2.3 | 5.0 | 4.7 |
| PZA 32 | 2.0 | 7.7 | 7.7 | 2.7 | 4.0 | 4.7 | 5.7 | 5.0 | 2.3 | 5.3 | 4.7 |
| COMPANION | 3.0 | 7.3 | 7.7 | 3.7 | 3.3 | 3.0 | 5.3 | 5.3 | 2.7 | 5.7 | 4.7 |
| PST-R7ZM | 3.0 | 7.3 | 8.3 | 2.7 | 4.0 | 2.7 | 7.0 | 4.3 | 2.7 | 5.0 | 4.7 |
| PZB 33 | 1.7 | 7.3 | 7.0 | 3.3 | 3.7 | 4.3 | 5.7 | 5.0 | 2.3 | 5.7 | 4.6 |
| J-37 | 2.7 | 7.3 | 6.7 | 3.0 | 4.7 | 4.7 | 5.3 | 5.0 | 2.3 | 3.7 | 4.5 |
| CHINESE COMMON | 1.3 | 7.3 | 6.0 | 3.7 | 7.3 | 3.7 | 5.3 | 4.3 | 1.7 | 4.0 | 4.5 |
| LSD VALUE | 1.2 | 0.9 | 2.0 | 0.9 | 1.6 | 2.9 | 0.9 | 0.6 | 0.9 | 2.4 | 0.5 |
| C.V. (%) | 32.7 | 7.9 | 17.0 | 16.6 | 22.7 | 47.1 | 10.0 | 7.3 | 24.3 | 29.7 | 21.6 |

TABLE 8C. SPRING GREENUP RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
2003 DATA

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

| NAME | AR1 | FL3 | IL2 | IN1 | KY1 | MO1 | MS1 | OK1 | SC1 | TX1 | MEAN |
|---|---|---|---|---|---|---|---|---|---|---|---|
| EMERALD | 4.7 | 7.7 | 5.7 | 2.0 | 9.0 | 6.0 | 6.7 | 5.7 | 3.7 | 5.7 | 5.7 |
| BMZ 230 | 4.0 | 7.3 | 7.0 | 4.7 | 8.0 | 5.3 | 6.7 | 5.7 | 2.3 | 5.3 | 5.6 |
| DALZ 0101 | 2.7 | 8.0 | 6.0 | 1.7 | 9.0 | 4.3 | 6.3 | 5.3 | 3.7 | 5.7 | 5.3 |
| MEYER | 2.3 | 7.0 | 5.0 | 2.7 | 9.0 | 5.7 | 6.3 | 4.7 | 3.0 | 5.3 | 5.1 |
| DALZ 0102 | 4.0 | 7.3 | 5.0 | 3.7 | 9.0 | 3.7 | 6.0 | 4.0 | 2.0 | 5.3 | 5.0 |
| GN-Z | 3.3 | 8.0 | 3.3 | 1.3 | 9.0 | 3.7 | 6.0 | 5.3 | 3.0 | 5.3 | 4.8 |
| ZORRO | 3.3 | 8.0 | 3.3 | 2.0 | 9.0 | 4.3 | 6.0 | 4.7 | 1.7 | 5.7 | 4.8 |
| HIMENO | 1.0 | 7.0 | 3.0 | 1.3 | 9.0 | 6.0 | 5.0 | 4.0 | 1.0 | 4.7 | 4.2 |
| DALZ 0105 | 4.0 | 8.0 | 1.0 | 1.3 | 5.7 | 1.3 | 4.0 | 2.7 | 3.3 | 4.0 | 3.5 |
| DALZ 0104 | 4.3 | 8.0 | 1.0 | 1.3 | 1.3 | 1.3 | 3.3 | 2.7 | 3.0 | 5.0 | 3.1 |
| DALZ 9604 | 2.3 | 7.3 | 1.0 | 1.7 | 2.7 | 2.0 | 2.3 | 2.3 | 3.0 | 3.3 | 2.8 |
| 6186 | 2.0 | 7.3 | 1.0 | 1.0 | 1.0 | 1.7 | 2.0 | 2.3 | 2.0 | 3.7 | 2.4 |
| LSD VALUE | 2.0 | 0.8 | 0.9 | 1.1 | 2.5 | 1.5 | 0.8 | 0.8 | 1.0 | 1.9 | 0.5 |
| C.V. (%) | 39.0 | 6.2 | 16.4 | 34.4 | 22.4 | 24.2 | 9.9 | 12.8 | 23.6 | 24.4 | 20.6 |

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 9A. LEAF TEXTURE RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2003 DATA

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

| NAME | AR1 | IL2 | IN1 | KS1 | MO1 | MS1 | NC1 | OK1 | SC1 | TX1 | TX2 | MEAN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ZORRO | 9.0 | 9.0 | 9.0 | 9.0 | 6.7 | 8.0 | 4.3 | 8.0 | 9 | 7.0 | 9.0 | 8.0 |
| EMERALD | 8.7 | 9.0 | 8.3 | 8.7 | 7.0 | 8.0 | 5.0 | 8.0 | 9 | 7.0 | 8.3 | 7.9 |
| DALZ 0101 | 6.7 | 9.0 | 7.3 | 9.0 | 6.7 | 8.0 | 6.3 | 7.7 | 9 | 7.7 | 8.7 | 7.8 |
| DALZ 0105 | 9.0 | 8.0 | 4.0 | 7.7 | 5.7 | 7.0 | 4.3 | 8.0 | 8 | 7.0 | 8.0 | 7.0 |
| DALZ 0104 | 8.0 | 8.0 | 6.0 | 7.3 | 5.7 | 7.0 | 4.7 | 8.0 | 7 | 7.0 | 7.0 | 6.9 |
| 6186 | 7.3 | 5.7 | 6.3 | 6.0 | 5.7 | 6.3 | 5.3 | 6.0 | 7 | 5.7 | 6.3 | 6.2 |
| MEYER | 6.7 | 6.3 | 5.7 | 6.3 | 6.0 | 6.0 | 5.7 | 6.0 | 7 | 6.3 | 5.3 | 6.1 |
| DALZ 9604 | 8.0 | 5.3 | 3.0 | 6.7 | 6.3 | 6.7 | 4.3 | 7.0 | 7 | 6.0 | 6.0 | 6.0 |
| GN-Z | 7.7 | 7.0 | 2.3 | 6.0 | 6.0 | 6.3 | 4.7 | 5.3 | 7 | 5.7 | 7.0 | 5.9 |
| PST-R7MA | 7.7 | 5.7 | 5.7 | 6.0 | 5.3 | 5.3 | 5.3 | 5.0 | 7 | 5.7 | 6.0 | 5.9 |
| PST-R7ZM | 7.3 | 4.3 | 5.3 | 6.7 | 5.0 | 6.0 | 6.3 | 5.7 | 6 | 5.7 | 6.0 | 5.8 |
| HIMENO | 7.0 | 5.3 | 5.0 | 5.0 | 6.7 | 5.3 | 5.7 | 5.0 | 6 | 5.0 | 6.0 | 5.6 |
| PZA 32 | 7.0 | 4.0 | 4.7 | 5.0 | 6.3 | 5.3 | 5.3 | 5.0 | 7 | 5.7 | 6.0 | 5.6 |
| ZENITH | 7.3 | 4.7 | 5.7 | 5.3 | 4.3 | 5.3 | 6.0 | 4.3 | 6 | 5.3 | 6.0 | 5.5 |
| PZB 33 | 6.0 | 3.7 | 5.0 | 5.7 | 5.0 | 5.3 | 7.0 | 4.3 | 7 | 5.0 | 6.0 | 5.5 |
| DALZ 0102 | 8.3 | 3.7 | 3.7 | 5.0 | 5.3 | 5.0 | 7.0 | 4.3 | 6 | 5.0 | 5.0 | 5.3 |
| CHINESE COMMON | 6.0 | 2.0 | 4.3 | 4.3 | 6.7 | 4.3 | 4.3 | 4.0 | 6 | 5.0 | 5.7 | 4.8 |
| COMPANION | 6.3 | 1.3 | 3.0 | 4.7 | 5.0 | 5.0 | 6.0 | 4.0 | 5 | 5.0 | 5.0 | 4.6 |
| J-37 | 5.7 | 1.0 | 4.3 | 5.0 | 5.0 | 4.0 | 5.3 | 4.0 | 6 | 4.7 | 5.3 | 4.6 |
| BMZ 230 | 5.0 | 1.7 | 2.7 | 4.3 | 6.0 | 4.7 | 5.0 | 4.0 | 5 | 5.0 | 5.0 | 4.4 |
| LSD VALUE | 1.4 | 1.0 | 2.1 | 1.1 | 2.6 | 0.7 | 2.6 | 0.5 | 0 | 0.7 | 0.6 | 0.4 |
| C.V. (%) | 12.2 | 11.8 | 26.2 | 10.6 | 28.0 | 7.8 | 30.1 | 5.6 | 0 | 7.7 | 6.1 | 15.4 |

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

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

TABLE 9B. LEAF TEXTURE RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
2003 DATA

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

| NAME | AR1 | IL2 | IN1 | KS1 | MO1 | MS1 | NC1 | OK1 | SC1 | TX1 | TX2 | MEAN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PST-R7MA | 7.7 | 5.7 | 5.7 | 6.0 | 5.3 | 5.3 | 5.3 | 5.0 | 7 | 5.7 | 6.0 | 5.9 |
| PST-R7ZM | 7.3 | 4.3 | 5.3 | 6.7 | 5.0 | 6.0 | 6.3 | 5.7 | 6 | 5.7 | 6.0 | 5.8 |
| PZA 32 | 7.0 | 4.0 | 4.7 | 5.0 | 6.3 | 5.3 | 5.3 | 5.0 | 7 | 5.7 | 6.0 | 5.6 |
| ZENITH | 7.3 | 4.7 | 5.7 | 5.3 | 4.3 | 5.3 | 6.0 | 4.3 | 6 | 5.3 | 6.0 | 5.5 |
| PZB 33 | 6.0 | 3.7 | 5.0 | 5.7 | 5.0 | 5.3 | 7.0 | 4.3 | 7 | 5.0 | 6.0 | 5.5 |
| CHINESE COMMON | 6.0 | 2.0 | 4.3 | 4.3 | 6.7 | 4.3 | 4.3 | 4.0 | 6 | 5.0 | 5.7 | 4.8 |
| COMPANION | 6.3 | 1.3 | 3.0 | 4.7 | 5.0 | 5.0 | 6.0 | 4.0 | 5 | 5.0 | 5.0 | 4.6 |
| J-37 | 5.7 | 1.0 | 4.3 | 5.0 | 5.0 | 4.0 | 5.3 | 4.0 | 6 | 4.7 | 5.3 | 4.6 |
| LSD VALUE | 1.1 | 1.1 | 1.8 | 0.7 | 2.7 | 0.9 | 2.5 | 0.6 | 0 | 0.7 | 0.7 | 0.4 |
| C.V. (%) | 10.2 | 20.3 | 23.5 | 8.6 | 32.0 | 11.4 | 27.5 | 7.8 | 0 | 8.7 | 7.9 | 16.8 |

TABLE 9C. LEAF TEXTURE RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
2003 DATA

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

| NAME | AR1 | IL2 | IN1 | KS1 | MO1 | MS1 | NC1 | OK1 | SC1 | TX1 | TX2 | MEAN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ZORRO | 9.0 | 9.0 | 9.0 | 9.0 | 6.7 | 8.0 | 4.3 | 8.0 | 9 | 7.0 | 9.0 | 8.0 |
| EMERALD | 8.7 | 9.0 | 8.3 | 8.7 | 7.0 | 8.0 | 5.0 | 8.0 | 9 | 7.0 | 8.3 | 7.9 |
| DALZ 0101 | 6.7 | 9.0 | 7.3 | 9.0 | 6.7 | 8.0 | 6.3 | 7.7 | 9 | 7.7 | 8.7 | 7.8 |
| DALZ 0105 | 9.0 | 8.0 | 4.0 | 7.7 | 5.7 | 7.0 | 4.3 | 8.0 | 8 | 7.0 | 8.0 | 7.0 |
| DALZ 0104 | 8.0 | 8.0 | 6.0 | 7.3 | 5.7 | 7.0 | 4.7 | 8.0 | 7 | 7.0 | 7.0 | 6.9 |
| 6186 | 7.3 | 5.7 | 6.3 | 6.0 | 5.7 | 6.3 | 5.3 | 6.0 | 7 | 5.7 | 6.3 | 6.2 |
| MEYER | 6.7 | 6.3 | 5.7 | 6.3 | 6.0 | 6.0 | 5.7 | 6.0 | 7 | 6.3 | 5.3 | 6.1 |
| DALZ 9604 | 8.0 | 5.3 | 3.0 | 6.7 | 6.3 | 6.7 | 4.3 | 7.0 | 7 | 6.0 | 6.0 | 6.0 |
| GN-Z | 7.7 | 7.0 | 2.3 | 6.0 | 6.0 | 6.3 | 4.7 | 5.3 | 7 | 5.7 | 7.0 | 5.9 |
| HIMENO | 7.0 | 5.3 | 5.0 | 5.0 | 6.7 | 5.3 | 5.7 | 5.0 | 6 | 5.0 | 6.0 | 5.6 |
| DALZ 0102 | 8.3 | 3.7 | 3.7 | 5.0 | 5.3 | 5.0 | 7.0 | 4.3 | 6 | 5.0 | 5.0 | 5.3 |
| BMZ 230 | 5.0 | 1.7 | 2.7 | 4.3 | 6.0 | 4.7 | 5.0 | 4.0 | 5 | 5.0 | 5.0 | 4.4 |
| LSD VALUE | 1.6 | 0.9 | 2.3 | 1.2 | 2.5 | 0.6 | 2.7 | 0.5 | 0 | 0.7 | 0.5 | 0.5 |
| C.V. (%) | 13.1 | 8.9 | 27.5 | 11.3 | 25.6 | 5.7 | 31.9 | 4.5 | 0 | 7.1 | 4.9 | 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 10. SEEDLING VIGOR RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
2003 DATA

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

| NAME | FL3 | TX2 | MEAN |
|---|---|---|---|
| COMPANION | 4.3 | 3.7 | 4.0 |
| J-37 | 3.7 | 3.7 | 3.7 |
| ZENITH | 4.3 | 2.7 | 3.5 |
| PZA 32 | 4.0 | 2.3 | 3.2 |
| CHINESE COMMON | 3.7 | 2.3 | 3.0 |
| PZB 33 | 2.7 | 3.3 | 3.0 |
| PST-R7MA | 1.7 | 2.3 | 2.0 |
| PST-R7ZM | 1.3 | 2.3 | 1.8 |
| LSD VALUE | 1.9 | 1.2 | 1.1 |
| C.V. (%) | 37.1 | 27.0 | 33.1 |

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

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

TABLE 11A. SPRING DENSITY RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2003 DATA

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

| NAME | FL3 | OK1 | TX1 | MEAN |
|---|---|---|---|---|
| ZENITH | 6.7 | 7.0 | 2.0 | 5.2 |
| PZB 33 | 5.7 | 6.7 | 3.0 | 5.1 |
| DALZ 0101 | 4.7 | 8.0 | 2.3 | 5.0 |
| ZORRO | 4.7 | 8.0 | 2.3 | 5.0 |
| COMPANION | 6.7 | 6.3 | 2.0 | 5.0 |
| DALZ 0104 | 4.7 | 7.7 | 2.7 | 5.0 |
| EMERALD | 4.3 | 7.7 | 3.0 | 5.0 |
| DALZ 0102 | 4.0 | 7.0 | 3.3 | 4.8 |
| J-37 | 6.0 | 6.3 | 2.0 | 4.8 |
| BMZ 230 | 4.7 | 6.7 | 2.7 | 4.7 |
| CHINESE COMMON | 5.3 | 6.7 | 2.0 | 4.7 |
| PZA 32 | 4.7 | 7.0 | 2.3 | 4.7 |
| PST-R7MA | 4.3 | 7.0 | 2.7 | 4.7 |
| 6186 | 4.3 | 7.0 | 2.3 | 4.6 |
| DALZ 0105 | 5.0 | 6.3 | 2.3 | 4.6 |
| DALZ 9604 | 4.7 | 6.7 | 2.0 | 4.4 |
| GN-Z | 3.3 | 7.3 | 2.3 | 4.3 |
| PST-R7ZM | 4.3 | 6.7 | 2.0 | 4.3 |
| HIMENO | 2.7 | 6.7 | 2.3 | 3.9 |
| MEYER | 3.0 | 6.3 | 2.0 | 3.8 |
| LSD VALUE | 1.1 | 0.9 | 1.0 | 0.6 |
| C.V. (%) | 14.6 | 8.1 | 26.0 | 13.3 |

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

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

TABLE 11B. SPRING DENSITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
2003 DATA

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

| NAME | FL3 | OK1 | TX1 | MEAN |
|---|---|---|---|---|
| ZENITH | 6.7 | 7.0 | 2.0 | 5.2 |
| PZB 33 | 5.7 | 6.7 | 3.0 | 5.1 |
| COMPANION | 6.7 | 6.3 | 2.0 | 5.0 |
| J-37 | 6.0 | 6.3 | 2.0 | 4.8 |
| CHINESE COMMON | 5.3 | 6.7 | 2.0 | 4.7 |
| PZA 32 | 4.7 | 7.0 | 2.3 | 4.7 |
| PST-R7MA | 4.3 | 7.0 | 2.7 | 4.7 |
| PST-R7ZM | 4.3 | 6.7 | 2.0 | 4.3 |
| LSD VALUE | 1.3 | 0.9 | 1.1 | 0.6 |
| C.V. (%) | 15.0 | 8.6 | 30.1 | 14.5 |

TABLE 11C. SPRING DENSITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
2003 DATA

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

| NAME | FL3 | OK1 | TX1 | MEAN |
|---|---|---|---|---|
| DALZ 0101 | 4.7 | 8.0 | 2.3 | 5.0 |
| ZORRO | 4.7 | 8.0 | 2.3 | 5.0 |
| DALZ 0104 | 4.7 | 7.7 | 2.7 | 5.0 |
| EMERALD | 4.3 | 7.7 | 3.0 | 5.0 |
| DALZ 0102 | 4.0 | 7.0 | 3.3 | 4.8 |
| BMZ 230 | 4.7 | 6.7 | 2.7 | 4.7 |
| 6186 | 4.3 | 7.0 | 2.3 | 4.6 |
| DALZ 0105 | 5.0 | 6.3 | 2.3 | 4.6 |
| DALZ 9604 | 4.7 | 6.7 | 2.0 | 4.4 |
| GN-Z | 3.3 | 7.3 | 2.3 | 4.3 |
| HIMENO | 2.7 | 6.7 | 2.3 | 3.9 |
| MEYER | 3.0 | 6.3 | 2.0 | 3.8 |
| LSD VALUE | 0.9 | 0.9 | 0.9 | 0.5 |
| C.V. (%) | 13.9 | 7.8 | 23.4 | 12.4 |

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

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

TABLE 12A. SUMMER DENSITY RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2003 DATA

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

| NAME | FL3 | TX1 | MEAN |
|---|---|---|---|
| BMZ 230 | 8.3 | 7.3 | 7.8 |
| DALZ 0102 | 8.3 | 7.3 | 7.8 |
| HIMENO | 8.7 | 6.7 | 7.7 |
| DALZ 9604 | 8.0 | 7.0 | 7.5 |
| ZORRO | 8.7 | 6.3 | 7.5 |
| 6186 | 7.7 | 7.0 | 7.3 |
| DALZ 0105 | 8.3 | 6.3 | 7.3 |
| DALZ 0101 | 8.7 | 5.0 | 6.8 |
| DALZ 0104 | 8.0 | 5.3 | 6.7 |
| ZENITH | 7.3 | 6.0 | 6.7 |
| EMERALD | 8.7 | 4.0 | 6.3 |
| COMPANION | 7.7 | 4.7 | 6.2 |
| PZB 33 | 6.7 | 5.7 | 6.2 |
| J-37 | 8.0 | 4.3 | 6.2 |
| PZA 32 | 6.3 | 6.0 | 6.2 |
| CHINESE COMMON | 7.0 | 5.0 | 6.0 |
| PST-R7MA | 6.3 | 5.7 | 6.0 |
| GN-Z | 7.7 | 3.7 | 5.7 |
| PST-R7ZM | 6.3 | 4.3 | 5.3 |
| MEYER | 5.7 | 4.3 | 5.0 |
| LSD VALUE | 1.4 | 2.2 | 1.3 |
| C.V. (%) | 11.1 | 24.7 | 17.4 |

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 12B. SUMMER DENSITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
2003 DATA

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

| NAME | FL3 | TX1 | MEAN |
|---|---|---|---|
| ZENITH | 7.3 | 6.0 | 6.7 |
| COMPANION | 7.7 | 4.7 | 6.2 |
| PZB 33 | 6.7 | 5.7 | 6.2 |
| J-37 | 8.0 | 4.3 | 6.2 |
| PZA 32 | 6.3 | 6.0 | 6.2 |
| CHINESE COMMON | 7.0 | 5.0 | 6.0 |
| PST-R7MA | 6.3 | 5.7 | 6.0 |
| PST-R7ZM | 6.3 | 4.3 | 5.3 |
| LSD VALUE | 1.7 | 2.6 | 1.5 |
| C.V. (%) | 15.2 | 30.9 | 22.4 |

TABLE 12C. SUMMER DENSITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
2003 DATA

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

| NAME | FL3 | TX1 | MEAN |
|---|---|---|---|
| BMZ 230 | 8.3 | 7.3 | 7.8 |
| DALZ 0102 | 8.3 | 7.3 | 7.8 |
| HIMENO | 8.7 | 6.7 | 7.7 |
| DALZ 9604 | 8.0 | 7.0 | 7.5 |
| ZORRO | 8.7 | 6.3 | 7.5 |
| 6186 | 7.7 | 7.0 | 7.3 |
| DALZ 0105 | 8.3 | 6.3 | 7.3 |
| DALZ 0101 | 8.7 | 5.0 | 6.8 |
| DALZ 0104 | 8.0 | 5.3 | 6.7 |
| EMERALD | 8.7 | 4.0 | 6.3 |
| GN-Z | 7.7 | 3.7 | 5.7 |
| MEYER | 5.7 | 4.3 | 5.0 |
| LSD VALUE | 1.1 | 2.0 | 1.1 |
| C.V. (%) | 8.3 | 20.7 | 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 13A. FALL DENSITY RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2003 DATA

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

| NAME | FL3 | TX1 | MEAN |
|---|---|---|---|
| DALZ 0105 | 8.0 | 8.0 | 8.0 |
| ZORRO | 8.0 | 7.3 | 7.7 |
| BMZ 230 | 7.3 | 7.7 | 7.5 |
| DALZ 0102 | 6.7 | 7.7 | 7.2 |
| DALZ 9604 | 7.3 | 7.0 | 7.2 |
| 6186 | 7.0 | 7.0 | 7.0 |
| COMPANION | 8.0 | 5.7 | 6.8 |
| DALZ 0104 | 6.0 | 7.7 | 6.8 |
| HIMENO | 5.7 | 7.7 | 6.7 |
| DALZ 0101 | 6.0 | 7.3 | 6.7 |
| CHINESE COMMON | 7.0 | 6.0 | 6.5 |
| ZENITH | 6.3 | 6.7 | 6.5 |
| J-37 | 6.7 | 6.0 | 6.3 |
| EMERALD | 6.3 | 5.7 | 6.0 |
| PST-R7MA | 6.0 | 6.0 | 6.0 |
| PZB 33 | 5.0 | 7.0 | 6.0 |
| GN-Z | 5.7 | 6.0 | 5.8 |
| PZA 32 | 5.0 | 6.7 | 5.8 |
| MEYER | 4.0 | 6.0 | 5.0 |
| PST-R7ZM | 5.7 | 4.3 | 5.0 |
| LSD VALUE | 1.1 | 1.7 | 1.0 |
| C.V. (%) | 11.1 | 15.6 | 13.6 |

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

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

TABLE 13B. FALL DENSITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
2003 DATA

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

| NAME | FL3 | TX1 | MEAN |
|---|---|---|---|
| COMPANION | 8.0 | 5.7 | 6.8 |
| CHINESE COMMON | 7.0 | 6.0 | 6.5 |
| ZENITH | 6.3 | 6.7 | 6.5 |
| J-37 | 6.7 | 6.0 | 6.3 |
| PST-R7MA | 6.0 | 6.0 | 6.0 |
| PZB 33 | 5.0 | 7.0 | 6.0 |
| PZA 32 | 5.0 | 6.7 | 5.8 |
| PST-R7ZM | 5.7 | 4.3 | 5.0 |
| LSD VALUE | 1.4 | 2.3 | 1.3 |
| C.V. (%) | 13.9 | 23.7 | 19.3 |

TABLE 13C. FALL DENSITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
2003 DATA

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

| NAME | FL3 | TX1 | MEAN |
|---|---|---|---|
| DALZ 0105 | 8.0 | 8.0 | 8.0 |
| ZORRO | 8.0 | 7.3 | 7.7 |
| BMZ 230 | 7.3 | 7.7 | 7.5 |
| DALZ 0102 | 6.7 | 7.7 | 7.2 |
| DALZ 9604 | 7.3 | 7.0 | 7.2 |
| 6186 | 7.0 | 7.0 | 7.0 |
| DALZ 0104 | 6.0 | 7.7 | 6.8 |
| HIMENO | 5.7 | 7.7 | 6.7 |
| DALZ 0101 | 6.0 | 7.3 | 6.7 |
| EMERALD | 6.3 | 5.7 | 6.0 |
| GN-Z | 5.7 | 6.0 | 5.8 |
| MEYER | 4.0 | 6.0 | 5.0 |
| LSD VALUE | 0.9 | 1.1 | 0.7 |
| C.V. (%) | 8.9 | 9.4 | 9.2 |

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

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

TABLE 14A. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2003 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

| NAME | IL2 | IN1 | KS1 | MO1 | MS1 | OK1 | TX1 | TX2 | MEAN |
|---|---|---|---|---|---|---|---|---|---|
| PZB 33 | 87.3 | 70.0 | 95.0 | 73.3 | 81.7 | 75.0 | 23.3 | 20.0 | 65.7 |
| BMZ 230 | 88.3 | 78.0 | 90.0 | 50.0 | 98.0 | 76.7 | 10.0 | 14.0 | 63.1 |
| J-37 | 82.0 | 88.3 | 95.0 | 35.0 | 88.3 | 70.0 | 20.0 | 17.7 | 62.0 |
| ZENITH | 66.0 | 93.3 | 93.3 | 45.0 | 83.3 | 73.3 | 10.0 | 10.7 | 59.4 |
| DALZ 0102 | 53.7 | 83.3 | 91.7 | 38.3 | 90.0 | 81.7 | 10.0 | 12.3 | 57.6 |
| CHINESE COMMON | 75.3 | 93.3 | 85.0 | 16.7 | 88.3 | 68.3 | 23.3 | 5.3 | 57.0 |
| COMPANION | 50.3 | 88.3 | 95.0 | 18.3 | 88.3 | 75.0 | 20.0 | 19.0 | 56.8 |
| PZA 32 | 47.3 | 93.3 | 88.3 | 40.0 | 83.3 | 73.3 | 16.7 | 6.7 | 56.1 |
| PST-R7MA | 30.3 | 86.7 | 86.7 | 35.0 | 85.0 | 68.3 | 23.3 | 4.7 | 52.5 |
| ZORRO | 24.3 | 80.0 | 80.0 | 33.3 | 83.3 | 80.0 | 10.0 | 14.0 | 50.6 |
| EMERALD | 22.7 | 81.7 | 78.3 | 28.3 | 73.3 | 65.0 | 10.0 | 6.7 | 45.8 |
| DALZ 0101 | 31.0 | 55.0 | 81.7 | 25.0 | 68.3 | 75.0 | 10.0 | 15.0 | 45.1 |
| MEYER | 41.0 | 58.3 | 80.0 | 26.7 | 76.7 | 46.7 | 10.0 | 6.0 | 43.2 |
| HIMENO | 36.7 | 36.7 | 76.7 | 30.0 | 76.7 | 70.0 | 10.0 | 6.0 | 42.8 |
| PST-R7ZM | 26.0 | 76.7 | 61.7 | 11.7 | 85.0 | 45.0 | 13.3 | 5.7 | 40.6 |
| GN-Z | 25.7 | 0.0 | 50.0 | 23.3 | 65.0 | 65.0 | 10.0 | 10.0 | 31.1 |
| 6186 | 22.3 | 0.0 | 40.0 | 11.7 | 61.7 | 68.3 | 10.0 | 19.3 | 29.2 |
| DALZ 0104 | 22.7 | 0.0 | 38.3 | 10.0 | 70.0 | 65.0 | 10.0 | 14.0 | 28.8 |
| DALZ 0105 | 12.3 | 1.7 | 28.3 | 11.7 | 85.0 | 68.3 | 10.0 | 12.3 | 28.7 |
| DALZ 9604 | 14.3 | 3.3 | 23.3 | 11.7 | 70.0 | 73.3 | 10.0 | 11.7 | 27.2 |
| LSD VALUE | 26.8 | 27.6 | 27.0 | 24.7 | 10.6 | 15.8 | 10.0 | 8.4 | 7.2 |
| C.V. (%) | 38.8 | 29.3 | 23.0 | 53.3 | 8.3 | 14.2 | 45.9 | 45.3 | 27.0 |

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

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

TABLE 14B. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
2003 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

| NAME | IL2 | IN1 | KS1 | MO1 | MS1 | OK1 | TX1 | TX2 | MEAN |
|---|---|---|---|---|---|---|---|---|---|
| PZB 33 | 87.3 | 70.0 | 95.0 | 73.3 | 81.7 | 75.0 | 23.3 | 20.0 | 65.7 |
| J-37 | 82.0 | 88.3 | 95.0 | 35.0 | 88.3 | 70.0 | 20.0 | 17.7 | 62.0 |
| ZENITH | 66.0 | 93.3 | 93.3 | 45.0 | 83.3 | 73.3 | 10.0 | 10.7 | 59.4 |
| CHINESE COMMON | 75.3 | 93.3 | 85.0 | 16.7 | 88.3 | 68.3 | 23.3 | 5.3 | 57.0 |
| COMPANION | 50.3 | 88.3 | 95.0 | 18.3 | 88.3 | 75.0 | 20.0 | 19.0 | 56.8 |
| PZA 32 | 47.3 | 93.3 | 88.3 | 40.0 | 83.3 | 73.3 | 16.7 | 6.7 | 56.1 |
| PST-R7MA | 30.3 | 86.7 | 86.7 | 35.0 | 85.0 | 68.3 | 23.3 | 4.7 | 52.5 |
| PST-R7ZM | 26.0 | 76.7 | 61.7 | 11.7 | 85.0 | 45.0 | 13.3 | 5.7 | 40.6 |
| LSD VALUE | 37.3 | 16.9 | 22.6 | 35.2 | 7.5 | 14.6 | 15.7 | 12.2 | 8.0 |
| C.V. (%) | 40.0 | 12.2 | 16.1 | 63.7 | 5.5 | 13.2 | 52.2 | 67.6 | 25.0 |

TABLE 14C. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
2003 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

| NAME | IL2 | IN1 | KS1 | MO1 | MS1 | OK1 | TX1 | TX2 | MEAN |
|---|---|---|---|---|---|---|---|---|---|
| BMZ 230 | 88.3 | 78.0 | 90.0 | 50.0 | 98.0 | 76.7 | 10 | 14.0 | 63.1 |
| DALZ 0102 | 53.7 | 83.3 | 91.7 | 38.3 | 90.0 | 81.7 | 10 | 12.3 | 57.6 |
| ZORRO | 24.3 | 80.0 | 80.0 | 33.3 | 83.3 | 80.0 | 10 | 14.0 | 50.6 |
| EMERALD | 22.7 | 81.7 | 78.3 | 28.3 | 73.3 | 65.0 | 10 | 6.7 | 45.8 |
| DALZ 0101 | 31.0 | 55.0 | 81.7 | 25.0 | 68.3 | 75.0 | 10 | 15.0 | 45.1 |
| MEYER | 41.0 | 58.3 | 80.0 | 26.7 | 76.7 | 46.7 | 10 | 6.0 | 43.2 |
| HIMENO | 36.7 | 36.7 | 76.7 | 30.0 | 76.7 | 70.0 | 10 | 6.0 | 42.8 |
| GN-Z | 25.7 | 0.0 | 50.0 | 23.3 | 65.0 | 65.0 | 10 | 10.0 | 31.1 |
| 6186 | 22.3 | 0.0 | 40.0 | 11.7 | 61.7 | 68.3 | 10 | 19.3 | 29.2 |
| DALZ 0104 | 22.7 | 0.0 | 38.3 | 10.0 | 70.0 | 65.0 | 10 | 14.0 | 28.8 |
| DALZ 0105 | 12.3 | 1.7 | 28.3 | 11.7 | 85.0 | 68.3 | 10 | 12.3 | 28.7 |
| DALZ 9604 | 14.3 | 3.3 | 23.3 | 11.7 | 70.0 | 73.3 | 10 | 11.7 | 27.2 |
| LSD VALUE | 16.5 | 32.8 | 29.5 | 13.7 | 12.3 | 16.6 | 0 | 4.4 | 6.7 |
| C.V. (%) | 31.1 | 51.2 | 29.0 | 34.0 | 10.0 | 14.8 | 0 | 23.1 | 28.5 |

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 15A. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2003 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

| NAME | GA1 | IL2 | IN1 | KY1 | MO1 | MS1 | OK1 | TX1 | TX2 | MEAN |
|---|---|---|---|---|---|---|---|---|---|---|
| BMZ 230 | 71.7 | 98.7 | 91.3 | 99.0 | 73.3 | 99.0 | 95.3 | 92.7 | 81.7 | 89.2 |
| PZB 33 | 76.7 | 94.3 | 86.7 | 97.7 | 83.3 | 93.0 | 93.3 | 76.7 | 83.3 | 87.2 |
| DALZ 0102 | 63.3 | 94.0 | 93.3 | 99.0 | 65.0 | 97.7 | 98.3 | 89.3 | 71.7 | 85.7 |
| ZORRO | 81.7 | 89.7 | 88.3 | 99.0 | 53.3 | 96.3 | 98.3 | 86.3 | 76.7 | 85.5 |
| ZENITH | 81.7 | 81.3 | 96.3 | 99.0 | 53.3 | 96.0 | 92.7 | 76.7 | 73.3 | 83.4 |
| HIMENO | 60.0 | 95.3 | 78.3 | 98.7 | 63.3 | 96.0 | 97.0 | 93.0 | 58.3 | 82.2 |
| COMPANION | 85.0 | 95.3 | 95.0 | 96.7 | 35.0 | 99.0 | 97.0 | 56.7 | 63.3 | 80.3 |
| PZA 32 | 76.7 | 60.7 | 97.0 | 97.3 | 48.3 | 95.0 | 96.0 | 86.3 | 58.3 | 79.5 |
| J-37 | 60.0 | 92.0 | 94.7 | 97.7 | 51.7 | 97.7 | 91.0 | 53.3 | 71.7 | 78.9 |
| CHINESE COMMON | 76.7 | 85.3 | 94.7 | 97.7 | 36.7 | 99.0 | 96.0 | 76.7 | 46.7 | 78.8 |
| DALZ 0101 | 56.7 | 88.7 | 58.3 | 96.7 | 41.7 | 93.3 | 96.0 | 73.3 | 63.3 | 74.2 |
| EMERALD | 43.3 | 82.0 | 88.3 | 98.7 | 48.3 | 91.7 | 93.3 | 73.3 | 33.3 | 72.5 |
| PST-R7MA | 60.0 | 45.3 | 93.3 | 97.7 | 43.3 | 99.0 | 94.7 | 66.7 | 45.0 | 71.7 |
| 6186 | 75.0 | 12.0 | 41.7 | 96.3 | 20.0 | 99.0 | 95.3 | 83.0 | 89.7 | 68.0 |
| MEYER | 28.3 | 82.3 | 81.7 | 92.3 | 38.3 | 94.7 | 81.7 | 70.0 | 26.7 | 66.2 |
| PST-R7ZM | 50.0 | 30.7 | 86.7 | 99.0 | 16.7 | 94.7 | 80.0 | 50.0 | 48.3 | 61.8 |
| DALZ 0105 | 55.0 | 26.3 | 10.0 | 58.3 | 15.0 | 97.7 | 96.7 | 83.3 | 71.7 | 57.1 |
| GN-Z | 30.0 | 84.7 | 2.3 | 92.0 | 30.0 | 83.3 | 93.3 | 50.0 | 43.3 | 56.6 |
| DALZ 9604 | 60.0 | 11.3 | 6.7 | 33.3 | 15.0 | 91.7 | 95.3 | 93.0 | 80.0 | 54.0 |
| DALZ 0104 | 40.0 | 17.3 | 3.3 | 68.3 | 13.3 | 86.7 | 92.7 | 83.3 | 75.0 | 53.3 |
| LSD VALUE | 17.7 | 17.9 | 22.2 | 17.3 | 29.3 | 5.8 | 8.8 | 28.2 | 20.7 | 6.7 |
| C.V. (%) | 17.9 | 16.3 | 19.9 | 11.9 | 43.1 | 3.8 | 5.8 | 23.2 | 20.4 | 17.0 |

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 15B. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
2003 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

| NAME | GA1 | IL2 | IN1 | KY1 | MO1 | MS1 | OK1 | TX1 | TX2 | MEAN |
|---|---|---|---|---|---|---|---|---|---|---|
| PZB 33 | 76.7 | 94.3 | 86.7 | 97.7 | 83.3 | 93.0 | 93.3 | 76.7 | 83.3 | 87.2 |
| ZENITH | 81.7 | 81.3 | 96.3 | 99.0 | 53.3 | 96.0 | 92.7 | 76.7 | 73.3 | 83.4 |
| COMPANION | 85.0 | 95.3 | 95.0 | 96.7 | 35.0 | 99.0 | 97.0 | 56.7 | 63.3 | 80.3 |
| PZA 32 | 76.7 | 60.7 | 97.0 | 97.3 | 48.3 | 95.0 | 96.0 | 86.3 | 58.3 | 79.5 |
| J-37 | 60.0 | 92.0 | 94.7 | 97.7 | 51.7 | 97.7 | 91.0 | 53.3 | 71.7 | 78.9 |
| CHINESE COMMON | 76.7 | 85.3 | 94.7 | 97.7 | 36.7 | 99.0 | 96.0 | 76.7 | 46.7 | 78.8 |
| PST-R7MA | 60.0 | 45.3 | 93.3 | 97.7 | 43.3 | 99.0 | 94.7 | 66.7 | 45.0 | 71.7 |
| PST-R7ZM | 50.0 | 30.7 | 86.7 | 99.0 | 16.7 | 94.7 | 80.0 | 50.0 | 48.3 | 61.8 |
| LSD VALUE | 12.5 | 24.4 | 10.3 | 3.7 | 38.9 | 5.8 | 12.1 | 36.1 | 26.1 | 7.5 |
| C.V. (%) | 11.0 | 20.8 | 6.9 | 2.3 | 52.6 | 3.7 | 8.1 | 33.0 | 26.5 | 18.0 |

TABLE 15C. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
2003 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

| NAME | GA1 | IL2 | IN1 | KY1 | MO1 | MS1 | OK1 | TX1 | TX2 | MEAN |
|---|---|---|---|---|---|---|---|---|---|---|
| BMZ 230 | 71.7 | 98.7 | 91.3 | 99.0 | 73.3 | 99.0 | 95.3 | 92.7 | 81.7 | 89.2 |
| DALZ 0102 | 63.3 | 94.0 | 93.3 | 99.0 | 65.0 | 97.7 | 98.3 | 89.3 | 71.7 | 85.7 |
| ZORRO | 81.7 | 89.7 | 88.3 | 99.0 | 53.3 | 96.3 | 98.3 | 86.3 | 76.7 | 85.5 |
| HIMENO | 60.0 | 95.3 | 78.3 | 98.7 | 63.3 | 96.0 | 97.0 | 93.0 | 58.3 | 82.2 |
| DALZ 0101 | 56.7 | 88.7 | 58.3 | 96.7 | 41.7 | 93.3 | 96.0 | 73.3 | 63.3 | 74.2 |
| EMERALD | 43.3 | 82.0 | 88.3 | 98.7 | 48.3 | 91.7 | 93.3 | 73.3 | 33.3 | 72.5 |
| 6186 | 75.0 | 12.0 | 41.7 | 96.3 | 20.0 | 99.0 | 95.3 | 83.0 | 89.7 | 68.0 |
| MEYER | 28.3 | 82.3 | 81.7 | 92.3 | 38.3 | 94.7 | 81.7 | 70.0 | 26.7 | 66.2 |
| DALZ 0105 | 55.0 | 26.3 | 10.0 | 58.3 | 15.0 | 97.7 | 96.7 | 83.3 | 71.7 | 57.1 |
| GN-Z | 30.0 | 84.7 | 2.3 | 92.0 | 30.0 | 83.3 | 93.3 | 50.0 | 43.3 | 56.6 |
| DALZ 9604 | 60.0 | 11.3 | 6.7 | 33.3 | 15.0 | 91.7 | 95.3 | 93.0 | 80.0 | 54.0 |
| DALZ 0104 | 40.0 | 17.3 | 3.3 | 68.3 | 13.3 | 86.7 | 92.7 | 83.3 | 75.0 | 53.3 |
| LSD VALUE | 20.5 | 11.8 | 27.4 | 22.2 | 20.5 | 5.8 | 5.6 | 21.4 | 16.2 | 6.1 |
| C.V. (%) | 23.0 | 11.3 | 31.8 | 16.0 | 32.2 | 3.8 | 3.7 | 16.5 | 15.7 | 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.

TABLE 16A. PERCENT LIVING GROUND COVER (FALL) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2003 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

| NAME | IL2 | MO1 | TX2 | MEAN |
|---|---|---|---|---|
| BMZ 230 | 99.0 | 91.3 | 99.0 | 96.4 |
| DALZ 0102 | 97.7 | 91.7 | 99.0 | 96.1 |
| PZB 33 | 94.3 | 86.7 | 99.0 | 93.3 |
| HIMENO | 96.3 | 80.0 | 97.7 | 91.3 |
| DALZ 0101 | 96.0 | 75.0 | 99.0 | 90.0 |
| ZORRO | 90.7 | 78.3 | 99.0 | 89.3 |
| EMERALD | 85.0 | 83.3 | 86.7 | 85.0 |
| ZENITH | 93.0 | 61.7 | 99.0 | 84.6 |
| J-37 | 78.3 | 73.3 | 99.0 | 83.6 |
| GN-Z | 84.3 | 58.3 | 99.0 | 80.6 |
| CHINESE COMMON | 71.0 | 66.7 | 99.0 | 78.9 |
| PZA 32 | 75.0 | 65.0 | 94.7 | 78.2 |
| COMPANION | 76.0 | 50.0 | 99.0 | 75.0 |
| PST-R7MA | 73.0 | 51.7 | 93.0 | 72.6 |
| MEYER | 85.7 | 51.7 | 76.7 | 71.3 |
| 6186 | 32.3 | 43.0 | 99.0 | 58.1 |
| DALZ 0105 | 38.7 | 30.0 | 99.0 | 55.9 |
| PST-R7ZM | 41.0 | 30.0 | 93.0 | 54.7 |
| DALZ 9604 | 32.3 | 28.3 | 99.0 | 53.2 |
| DALZ 0104 | 31.7 | 20.0 | 99.0 | 50.2 |
| LSD VALUE | 15.0 | 36.5 | 9.0 | 13.5 |
| C.V. (%) | 12.7 | 37.3 | 5.8 | 18.9 |

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 16B. PERCENT LIVING GROUND COVER (FALL) RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
2003 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

| NAME | IL2 | MO1 | TX2 | MEAN |
|---|---|---|---|---|
| PZB 33 | 94.3 | 86.7 | 99.0 | 93.3 |
| ZENITH | 93.0 | 61.7 | 99.0 | 84.6 |
| J-37 | 78.3 | 73.3 | 99.0 | 83.6 |
| CHINESE COMMON | 71.0 | 66.7 | 99.0 | 78.9 |
| PZA 32 | 75.0 | 65.0 | 94.7 | 78.2 |
| COMPANION | 76.0 | 50.0 | 99.0 | 75.0 |
| PST-R7MA | 73.0 | 51.7 | 93.0 | 72.6 |
| PST-R7ZM | 41.0 | 30.0 | 93.0 | 54.7 |
| LSD VALUE | 13.4 | 43.3 | 5.7 | 15.2 |
| C.V. (%) | 11.1 | 44.4 | 3.6 | 21.1 |

TABLE 16C. PERCENT LIVING GROUND COVER (FALL) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
2003 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

| NAME | IL2 | MO1 | TX2 | MEAN |
|---|---|---|---|---|
| BMZ 230 | 99.0 | 91.3 | 99.0 | 96.4 |
| DALZ 0102 | 97.7 | 91.7 | 99.0 | 96.1 |
| HIMENO | 96.3 | 80.0 | 97.7 | 91.3 |
| DALZ 0101 | 96.0 | 75.0 | 99.0 | 90.0 |
| ZORRO | 90.7 | 78.3 | 99.0 | 89.3 |
| EMERALD | 85.0 | 83.3 | 86.7 | 85.0 |
| GN-Z | 84.3 | 58.3 | 99.0 | 80.6 |
| MEYER | 85.7 | 51.7 | 76.7 | 71.3 |
| 6186 | 32.3 | 43.0 | 99.0 | 58.1 |
| DALZ 0105 | 38.7 | 30.0 | 99.0 | 55.9 |
| DALZ 9604 | 32.3 | 28.3 | 99.0 | 53.2 |
| DALZ 0104 | 31.7 | 20.0 | 99.0 | 50.2 |
| LSD VALUE | 16.0 | 31.2 | 10.6 | 12.2 |
| C.V. (%) | 13.8 | 31.8 | 6.9 | 17.2 |

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

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

TABLE 17A. FROST TOLERANCE RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2003 DATA

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

| NAME | AR1 | TX2 | MEAN |
|---|---|---|---|
| EMERALD | 6.3 | 6.7 | 6.5 |
| DALZ 0101 | 5.3 | 7.3 | 6.3 |
| GN-Z | 5.3 | 6.7 | 6.0 |
| DALZ 0104 | 6.7 | 4.3 | 5.5 |
| 6186 | 5.0 | 5.3 | 5.2 |
| ZORRO | 6.3 | 4.0 | 5.2 |
| DALZ 0105 | 6.7 | 3.3 | 5.0 |
| DALZ 0102 | 7.0 | 2.0 | 4.5 |
| DALZ 9604 | 5.3 | 3.7 | 4.5 |
| PST-R7ZM | 4.3 | 2.7 | 3.5 |
| BMZ 230 | 5.0 | 1.7 | 3.3 |
| MEYER | 3.7 | 3.0 | 3.3 |
| PST-R7MA | 4.0 | 2.0 | 3.0 |
| PZA 32 | 3.3 | 2.3 | 2.8 |
| COMPANION | 4.3 | 1.3 | 2.8 |
| ZENITH | 3.7 | 2.0 | 2.8 |
| J-37 | 4.0 | 1.3 | 2.7 |
| PZB 33 | 3.7 | 1.7 | 2.7 |
| HIMENO | 3.0 | 1.7 | 2.3 |
| CHINESE COMMON | 3.0 | 1.3 | 2.2 |
| LSD VALUE | 1.4 | 1.4 | 1.0 |
| C.V. (%) | 18.2 | 26.9 | 21.7 |

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 17B. FROST TOLERANCE RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
2003 DATA

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

| NAME | AR1 | TX2 | MEAN |
|---|---|---|---|
| PST-R7ZM | 4.3 | 2.7 | 3.5 |
| PST-R7MA | 4.0 | 2.0 | 3.0 |
| PZA 32 | 3.3 | 2.3 | 2.8 |
| COMPANION | 4.3 | 1.3 | 2.8 |
| ZENITH | 3.7 | 2.0 | 2.8 |
| J-37 | 4.0 | 1.3 | 2.7 |
| PZB 33 | 3.7 | 1.7 | 2.7 |
| CHINESE COMMON | 3.0 | 1.3 | 2.2 |
| LSD VALUE | 0.9 | 1.0 | 0.7 |
| C.V. (%) | 15.2 | 33.4 | 21.2 |

TABLE 17C. FROST TOLERANCE RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
2003 DATA

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

| NAME | AR1 | TX2 | MEAN |
|---|---|---|---|
| EMERALD | 6.3 | 6.7 | 6.5 |
| DALZ 0101 | 5.3 | 7.3 | 6.3 |
| GN-Z | 5.3 | 6.7 | 6.0 |
| DALZ 0104 | 6.7 | 4.3 | 5.5 |
| 6186 | 5.0 | 5.3 | 5.2 |
| ZORRO | 6.3 | 4.0 | 5.2 |
| DALZ 0105 | 6.7 | 3.3 | 5.0 |
| DALZ 0102 | 7.0 | 2.0 | 4.5 |
| DALZ 9604 | 5.3 | 3.7 | 4.5 |
| BMZ 230 | 5.0 | 1.7 | 3.3 |
| MEYER | 3.7 | 3.0 | 3.3 |
| HIMENO | 3.0 | 1.7 | 2.3 |
| LSD VALUE | 1.7 | 1.6 | 1.2 |
| C.V. (%) | 18.8 | 24.2 | 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 18A. WINTER COLOR RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2003 DATA

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

| NAME | IN1 | SC1 | TX2 | MEAN |
|---|---|---|---|---|
| 6186 | 5.8 | 3.3 | 6.0 | 5.1 |
| DALZ 0101 | 5.5 | 2.7 | 5.3 | 4.5 |
| EMERALD | 4.8 | 2.7 | 6.0 | 4.5 |
| GN-Z | 3.8 | 4.7 | 5.0 | 4.5 |
| DALZ 0104 | 4.5 | 2.0 | 5.7 | 4.1 |
| DALZ 0105 | 4.7 | 2.3 | 5.0 | 4.0 |
| ZORRO | 5.3 | 1.7 | 4.0 | 3.7 |
| DALZ 9604 | 3.7 | 1.7 | 5.3 | 3.6 |
| DALZ 0102 | 5.5 | 2.0 | 2.3 | 3.3 |
| MEYER | 5.5 | 1.0 | 3.0 | 3.2 |
| BMZ 230 | 5.8 | 2.0 | 1.0 | 2.9 |
| J-37 | 3.8 | 2.0 | 1.7 | 2.5 |
| PZA 32 | 3.2 | 2.3 | 2.0 | 2.5 |
| ZENITH | 3.8 | 1.3 | 2.0 | 2.4 |
| PST-R7MA | 4.0 | 1.0 | 2.0 | 2.3 |
| PST-R7ZM | 3.5 | 1.0 | 2.3 | 2.3 |
| CHINESE COMMON | 4.5 | 1.0 | 1.0 | 2.2 |
| HIMENO | 4.2 | 1.0 | 1.3 | 2.2 |
| PZB 33 | 3.0 | 1.7 | 1.7 | 2.1 |
| COMPANION | 3.5 | 1.3 | 1.3 | 2.1 |
| LSD VALUE | 1.8 | 2.3 | 1.1 | 1.1 |
| C.V. (%) | 36.7 | 72.8 | 22.1 | 44.5 |

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 18B. WINTER COLOR RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
2003 DATA

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

| NAME | IN1 | SC1 | TX2 | MEAN |
|---|---|---|---|---|
| J-37 | 3.8 | 2.0 | 1.7 | 2.5 |
| PZA 32 | 3.2 | 2.3 | 2.0 | 2.5 |
| ZENITH | 3.8 | 1.3 | 2.0 | 2.4 |
| PST-R7MA | 4.0 | 1.0 | 2.0 | 2.3 |
| PST-R7ZM | 3.5 | 1.0 | 2.3 | 2.3 |
| CHINESE COMMON | 4.5 | 1.0 | 1.0 | 2.2 |
| PZB 33 | 3.0 | 1.7 | 1.7 | 2.1 |
| COMPANION | 3.5 | 1.3 | 1.3 | 2.1 |
| LSD VALUE | 1.5 | 1.3 | 1.0 | 0.9 |
| C.V. (%) | 36.8 | 56.0 | 36.9 | 48.9 |

TABLE 18C. WINTER COLOR RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
2003 DATA

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

| NAME | IN1 | SC1 | TX2 | MEAN |
|---|---|---|---|---|
| 6186 | 5.8 | 3.3 | 6.0 | 5.1 |
| DALZ 0101 | 5.5 | 2.7 | 5.3 | 4.5 |
| EMERALD | 4.8 | 2.7 | 6.0 | 4.5 |
| GN-Z | 3.8 | 4.7 | 5.0 | 4.5 |
| DALZ 0104 | 4.5 | 2.0 | 5.7 | 4.1 |
| DALZ 0105 | 4.7 | 2.3 | 5.0 | 4.0 |
| ZORRO | 5.3 | 1.7 | 4.0 | 3.7 |
| DALZ 9604 | 3.7 | 1.7 | 5.3 | 3.6 |
| DALZ 0102 | 5.5 | 2.0 | 2.3 | 3.3 |
| MEYER | 5.5 | 1.0 | 3.0 | 3.2 |
| BMZ 230 | 5.8 | 2.0 | 1.0 | 2.9 |
| HIMENO | 4.2 | 1.0 | 1.3 | 2.2 |
| LSD VALUE | 2.0 | 2.7 | 1.2 | 1.3 |
| C.V. (%) | 36.1 | 75.2 | 17.9 | 42.0 |

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 19A. BROWN PATCH (WARM TEMPERATURE) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2003 DATA

| NAME | BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ TX2 |
|---|---|
| DALZ 0105 | 9.0 |
| DALZ 0104 | 8.7 |
| 6186 | 8.0 |
| DALZ 9604 | 8.0 |
| PST-R7ZM | 7.7 |
| BMZ 230 | 7.3 |
| COMPANION | 7.3 |
| PZA 32 | 7.3 |
| ZENITH | 7.3 |
| DALZ 0102 | 7.0 |
| GN-Z | 7.0 |
| ZORRO | 7.0 |
| DALZ 0101 | 6.7 |
| J-37 | 6.3 |
| HIMENO | 6.0 |
| MEYER | 6.0 |
| PST-R7MA | 6.0 |
| PZB 33 | 6.0 |
| EMERALD | 5.7 |
| CHINESE COMMON | 4.7 |
| LSD VALUE | 2.0 |
| C.V. (%) | 17.7 |

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

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

TABLE 19B. BROWN PATCH (WARM TEMPERATURE) RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
2003 DATA

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

| NAME | TX2 |
|---|---|
| PST-R7ZM | 7.7 |
| COMPANION | 7.3 |
| PZA 32 | 7.3 |
| ZENITH | 7.3 |
| J-37 | 6.3 |
| PST-R7MA | 6.0 |
| PZB 33 | 6.0 |
| CHINESE COMMON | 4.7 |
| LSD VALUE | 2.1 |
| C.V. (%) | 19.4 |

TABLE 19C. BROWN PATCH (WARM TEMPERATURE) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
2003 DATA

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

| NAME | TX2 |
|---|---|
| DALZ 0105 | 9.0 |
| DALZ 0104 | 8.7 |
| 6186 | 8.0 |
| DALZ 9604 | 8.0 |
| BMZ 230 | 7.3 |
| DALZ 0102 | 7.0 |
| GN-Z | 7.0 |
| ZORRO | 7.0 |
| DALZ 0101 | 6.7 |
| HIMENO | 6.0 |
| MEYER | 6.0 |
| EMERALD | 5.7 |
| LSD VALUE | 1.9 |
| C.V. (%) | 16.7 |

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

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

TABLE 20A. ZOYSIAGRASS MITE RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2003 DATA

ZOYSIAGRASS MITE RATINGS 1-9; 9=NO DAMAGE 2/

| NAME | GA1 |
|---|---|
| 6186 | 9.0 |
| BMZ 230 | 9.0 |
| CHINESE COMMON | 9.0 |
| COMPANION | 9.0 |
| DALZ 0101 | 9.0 |
| DALZ 0102 | 9.0 |
| DALZ 0104 | 9.0 |
| DALZ 0105 | 9.0 |
| DALZ 9604 | 9.0 |
| EMERALD | 9.0 |
| GN-Z | 9.0 |
| J-37 | 9.0 |
| MEYER | 9.0 |
| PST-R7ZM | 9.0 |
| PZA 32 | 9.0 |
| PZB 33 | 9.0 |
| ZENITH | 9.0 |
| ZORRO | 9.0 |
| PST-R7MA | 8.0 |
| HIMENO | 7.7 |
| LSD VALUE | 1.0 |
| C.V. (%) | 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 20B. ZOYSIAGRASS MITE RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
2003 DATA

ZOYSIAGRASS MITE RATINGS 1-9; 9=NO DAMAGE 2/

| NAME | GA1 |
|---|---|
| CHINESE COMMON | 9.0 |
| COMPANION | 9.0 |
| J-37 | 9.0 |
| PST-R7ZM | 9.0 |
| PZA 32 | 9.0 |
| PZB 33 | 9.0 |
| ZENITH | 9.0 |
| PST-R7MA | 8.0 |
| LSD VALUE | 1.0 |
| C.V. (%) | 6.9 |

TABLE 20C. ZOYSIAGRASS MITE RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
2003 DATA

ZOYSIAGRASS MITE RATINGS 1-9; 9=NO DAMAGE 2/

| NAME | GA1 |
|---|---|
| 6186 | 9.0 |
| BMZ 230 | 9.0 |
| DALZ 0101 | 9.0 |
| DALZ 0102 | 9.0 |
| DALZ 0104 | 9.0 |
| DALZ 0105 | 9.0 |
| DALZ 9604 | 9.0 |
| EMERALD | 9.0 |
| GN-Z | 9.0 |
| MEYER | 9.0 |
| ZORRO | 9.0 |
| HIMENO | 7.7 |
| LSD VALUE | 1.1 |
| C.V. (%) | 7.5 |

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

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

TABLE 21A. FALL COLOR (SEPTEMBER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2003 DATA

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

| NAME | FL3 | GA1 | TX1 | MEAN |
|---|---|---|---|---|
| EMERALD | 7.3 | 7.7 | 7.7 | 7.6 |
| DALZ 0105 | 7.3 | 8.0 | 7.0 | 7.4 |
| DALZ 0104 | 6.7 | 8.0 | 7.3 | 7.3 |
| GN-Z | 6.7 | 7.5 | 7.7 | 7.3 |
| DALZ 0101 | 6.3 | 7.7 | 7.7 | 7.2 |
| HIMENO | 6.0 | 8.0 | 7.7 | 7.2 |
| BMZ 230 | 7.0 | 7.3 | 7.3 | 7.2 |
| 6186 | 6.3 | 8.0 | 7.0 | 7.1 |
| ZENITH | 6.7 | 7.0 | 7.0 | 6.9 |
| ZORRO | 5.7 | 7.0 | 7.7 | 6.8 |
| DALZ 9604 | 6.0 | 7.0 | 7.0 | 6.7 |
| J-37 | 6.0 | 7.0 | 7.0 | 6.7 |
| PZA 32 | 6.0 | 7.0 | 7.0 | 6.7 |
| COMPANION | 5.7 | 7.0 | 7.0 | 6.6 |
| DALZ 0102 | 5.7 | 7.0 | 7.0 | 6.6 |
| MEYER | 6.7 | 7.7 | 5.0 | 6.4 |
| PST-R7MA | 5.3 | 7.0 | 7.0 | 6.4 |
| PST-R7ZM | 5.3 | 7.3 | 6.7 | 6.4 |
| PZB 33 | 5.3 | 7.0 | 7.0 | 6.4 |
| CHINESE COMMON | 5.7 | 7.0 | 6.3 | 6.3 |
| LSD VALUE | 1.2 | 0.5 | 1.7 | 0.7 |
| C.V. (%) | 12.5 | 4.3 | 14.9 | 11.3 |

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

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

TABLE 21B. FALL COLOR (SEPTEMBER) RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
2003 DATA

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

| NAME | FL3 | GA1 | TX1 | MEAN |
|---|---|---|---|---|
| ZENITH | 6.7 | 7.0 | 7.0 | 6.9 |
| J-37 | 6.0 | 7.0 | 7.0 | 6.7 |
| PZA 32 | 6.0 | 7.0 | 7.0 | 6.7 |
| COMPANION | 5.7 | 7.0 | 7.0 | 6.6 |
| PST-R7MA | 5.3 | 7.0 | 7.0 | 6.4 |
| PST-R7ZM | 5.3 | 7.3 | 6.7 | 6.4 |
| PZB 33 | 5.3 | 7.0 | 7.0 | 6.4 |
| CHINESE COMMON | 5.7 | 7.0 | 6.3 | 6.3 |
| LSD VALUE | 1.0 | 0.3 | 0.5 | 0.4 |
| C.V. (%) | 10.6 | 2.9 | 4.2 | 6.2 |

TABLE 21C. FALL COLOR (SEPTEMBER) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
2003 DATA

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

| NAME | FL3 | GA1 | TX1 | MEAN |
|---|---|---|---|---|
| EMERALD | 7.3 | 7.7 | 7.7 | 7.6 |
| DALZ 0105 | 7.3 | 8.0 | 7.0 | 7.4 |
| DALZ 0104 | 6.7 | 8.0 | 7.3 | 7.3 |
| GN-Z | 6.7 | 7.5 | 7.7 | 7.3 |
| DALZ 0101 | 6.3 | 7.7 | 7.7 | 7.2 |
| HIMENO | 6.0 | 8.0 | 7.7 | 7.2 |
| BMZ 230 | 7.0 | 7.3 | 7.3 | 7.2 |
| 6186 | 6.3 | 8.0 | 7.0 | 7.1 |
| ZORRO | 5.7 | 7.0 | 7.7 | 6.8 |
| DALZ 9604 | 6.0 | 7.0 | 7.0 | 6.7 |
| DALZ 0102 | 5.7 | 7.0 | 7.0 | 6.6 |
| MEYER | 6.7 | 7.7 | 5.0 | 6.4 |
| LSD VALUE | 1.4 | 0.6 | 2.1 | 0.9 |
| C.V. (%) | 13.4 | 4.9 | 18.6 | 13.4 |

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 22A. FALL COLOR (OCTOBER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2003 DATA

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

| NAME | FL3 | IL2 | MO1 | MEAN |
|---|---|---|---|---|
| ZORRO | 5.7 | 7.7 | 6.7 | 6.7 |
| DALZ 0101 | 5.3 | 6.7 | 7.7 | 6.6 |
| DALZ 9604 | 4.3 | 8.7 | 6.3 | 6.4 |
| EMERALD | 6.0 | 6.0 | 7.0 | 6.3 |
| DALZ 0104 | 5.7 | 6.3 | 6.7 | 6.2 |
| DALZ 0105 | 4.0 | 8.0 | 6.7 | 6.2 |
| 6186 | 4.0 | 8.3 | 6.0 | 6.1 |
| GN-Z | 4.7 | 7.0 | 6.3 | 6.0 |
| HIMENO | 5.0 | 4.3 | 7.0 | 5.4 |
| PST-R7MA | 4.0 | 5.3 | 7.0 | 5.4 |
| BMZ 230 | 5.3 | 6.3 | 4.3 | 5.3 |
| PZA 32 | 5.0 | 4.3 | 6.0 | 5.1 |
| MEYER | 5.3 | 2.0 | 7.7 | 5.0 |
| J-37 | 4.7 | 4.7 | 5.3 | 4.9 |
| DALZ 0102 | 4.3 | 5.7 | 4.3 | 4.8 |
| PZB 33 | 4.7 | 4.7 | 5.0 | 4.8 |
| ZENITH | 4.7 | 4.3 | 5.0 | 4.7 |
| COMPANION | 4.0 | 3.3 | 6.3 | 4.6 |
| PST-R7ZM | 4.7 | 4.0 | 4.7 | 4.4 |
| CHINESE COMMON | 4.0 | 2.3 | 4.7 | 3.7 |
| LSD VALUE | 1.1 | 2.3 | 2.1 | 1.1 |
| C.V. (%) | 14.1 | 25.7 | 21.4 | 21.6 |

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

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

TABLE 22B. FALL COLOR (OCTOBER) RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
2003 DATA

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

| NAME | FL3 | IL2 | MO1 | MEAN |
|---|---|---|---|---|
| PST-R7MA | 4.0 | 5.3 | 7.0 | 5.4 |
| PZA 32 | 5.0 | 4.3 | 6.0 | 5.1 |
| J-37 | 4.7 | 4.7 | 5.3 | 4.9 |
| PZB 33 | 4.7 | 4.7 | 5.0 | 4.8 |
| ZENITH | 4.7 | 4.3 | 5.0 | 4.7 |
| COMPANION | 4.0 | 3.3 | 6.3 | 4.6 |
| PST-R7ZM | 4.7 | 4.0 | 4.7 | 4.4 |
| CHINESE COMMON | 4.0 | 2.3 | 4.7 | 3.7 |
| LSD VALUE | 1.0 | 2.8 | 2.4 | 1.3 |
| C.V. (%) | 14.5 | 42.3 | 26.8 | 29.2 |

TABLE 22C. FALL COLOR (OCTOBER) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
2003 DATA

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

| NAME | FL3 | IL2 | MO1 | MEAN |
|---|---|---|---|---|
| ZORRO | 5.7 | 7.7 | 6.7 | 6.7 |
| DALZ 0101 | 5.3 | 6.7 | 7.7 | 6.6 |
| DALZ 9604 | 4.3 | 8.7 | 6.3 | 6.4 |
| EMERALD | 6.0 | 6.0 | 7.0 | 6.3 |
| DALZ 0104 | 5.7 | 6.3 | 6.7 | 6.2 |
| DALZ 0105 | 4.0 | 8.0 | 6.7 | 6.2 |
| 6186 | 4.0 | 8.3 | 6.0 | 6.1 |
| GN-Z | 4.7 | 7.0 | 6.3 | 6.0 |
| HIMENO | 5.0 | 4.3 | 7.0 | 5.4 |
| BMZ 230 | 5.3 | 6.3 | 4.3 | 5.3 |
| MEYER | 5.3 | 2.0 | 7.7 | 5.0 |
| DALZ 0102 | 4.3 | 5.7 | 4.3 | 4.8 |
| LSD VALUE | 1.1 | 1.8 | 1.9 | 0.9 |
| C.V. (%) | 13.8 | 17.8 | 18.1 | 17.2 |

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

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

TABLE 23A. FALL COLOR (NOVEMBER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2003 DATA

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

| NAME | FL3 | MS1 | NC1 | OK1 | SC1 | TX1 | MEAN |
|---|---|---|---|---|---|---|---|
| DALZ 0101 | 5.3 | 4.3 | 5.3 | 7.0 | 7.0 | 7.3 | 6.1 |
| EMERALD | 5.3 | 5.3 | 5.3 | 6.0 | 7.0 | 7.3 | 6.1 |
| DALZ 0105 | 7.0 | 3.0 | 4.0 | 7.0 | 7.0 | 7.7 | 5.9 |
| DALZ 0104 | 5.7 | 2.0 | 5.3 | 7.3 | 7.0 | 7.3 | 5.8 |
| DALZ 9604 | 5.7 | 2.7 | 5.3 | 6.0 | 7.0 | 7.7 | 5.7 |
| 6186 | 5.3 | 3.3 | 4.7 | 7.3 | 6.3 | 7.0 | 5.7 |
| GN-Z | 5.0 | 4.3 | 5.0 | 6.0 | 5.7 | 7.3 | 5.6 |
| BMZ 230 | 5.7 | 5.3 | 6.0 | 3.7 | 5.7 | 6.7 | 5.5 |
| ZORRO | 5.0 | 4.0 | 4.0 | 6.7 | 6.0 | 7.0 | 5.4 |
| DALZ 0102 | 5.3 | 4.7 | 6.0 | 4.3 | 5.3 | 7.0 | 5.4 |
| MEYER | 5.3 | 4.7 | 5.0 | 3.3 | 3.0 | 7.0 | 4.7 |
| PZB 33 | 4.0 | 5.3 | 5.7 | 2.0 | 5.3 | 6.0 | 4.7 |
| PZA 32 | 4.7 | 5.0 | 5.0 | 2.3 | 4.3 | 6.3 | 4.6 |
| J-37 | 4.3 | 4.7 | 5.7 | 2.7 | 3.7 | 6.3 | 4.6 |
| ZENITH | 4.7 | 5.3 | 5.0 | 2.0 | 4.7 | 5.7 | 4.6 |
| HIMENO | 4.7 | 4.0 | 4.7 | 3.3 | 3.3 | 6.7 | 4.4 |
| PST-R7MA | 4.7 | 4.7 | 4.7 | 2.3 | 4.0 | 6.0 | 4.4 |
| COMPANION | 4.0 | 5.3 | 4.7 | 2.0 | 3.7 | 5.7 | 4.2 |
| PST-R7ZM | 4.3 | 4.3 | 5.7 | 2.7 | 2.7 | 5.7 | 4.2 |
| CHINESE COMMON | 4.0 | 4.0 | 5.0 | 2.0 | 3.7 | 6.0 | 4.1 |
| LSD VALUE | 0.9 | 0.9 | 1.6 | 1.1 | 1.5 | 0.9 | 0.5 |
| C.V. (%) | 10.6 | 12.3 | 19.4 | 15.3 | 18.0 | 8.4 | 14.2 |

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 23B. FALL COLOR (NOVEMBER) RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
2003 DATA

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

| NAME | FL3 | MS1 | NC1 | OK1 | SC1 | TX1 | MEAN |
|---|---|---|---|---|---|---|---|
| PZB 33 | 4.0 | 5.3 | 5.7 | 2.0 | 5.3 | 6.0 | 4.7 |
| PZA 32 | 4.7 | 5.0 | 5.0 | 2.3 | 4.3 | 6.3 | 4.6 |
| J-37 | 4.3 | 4.7 | 5.7 | 2.7 | 3.7 | 6.3 | 4.6 |
| ZENITH | 4.7 | 5.3 | 5.0 | 2.0 | 4.7 | 5.7 | 4.6 |
| PST-R7MA | 4.7 | 4.7 | 4.7 | 2.3 | 4.0 | 6.0 | 4.4 |
| COMPANION | 4.0 | 5.3 | 4.7 | 2.0 | 3.7 | 5.7 | 4.2 |
| PST-R7ZM | 4.3 | 4.3 | 5.7 | 2.7 | 2.7 | 5.7 | 4.2 |
| CHINESE COMMON | 4.0 | 4.0 | 5.0 | 2.0 | 3.7 | 6.0 | 4.1 |
| LSD VALUE | 0.9 | 1.0 | 1.6 | 0.7 | 1.6 | 1.1 | 0.5 |
| C.V. (%) | 13.3 | 12.7 | 18.9 | 18.1 | 25.5 | 11.4 | 16.8 |

TABLE 23C. FALL COLOR (NOVEMBER) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
2003 DATA

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

| NAME | FL3 | MS1 | NC1 | OK1 | SC1 | TX1 | MEAN |
|---|---|---|---|---|---|---|---|
| DALZ 0101 | 5.3 | 4.3 | 5.3 | 7.0 | 7.0 | 7.3 | 6.1 |
| EMERALD | 5.3 | 5.3 | 5.3 | 6.0 | 7.0 | 7.3 | 6.1 |
| DALZ 0105 | 7.0 | 3.0 | 4.0 | 7.0 | 7.0 | 7.7 | 5.9 |
| DALZ 0104 | 5.7 | 2.0 | 5.3 | 7.3 | 7.0 | 7.3 | 5.8 |
| DALZ 9604 | 5.7 | 2.7 | 5.3 | 6.0 | 7.0 | 7.7 | 5.7 |
| 6186 | 5.3 | 3.3 | 4.7 | 7.3 | 6.3 | 7.0 | 5.7 |
| GN-Z | 5.0 | 4.3 | 5.0 | 6.0 | 5.7 | 7.3 | 5.6 |
| BMZ 230 | 5.7 | 5.3 | 6.0 | 3.7 | 5.7 | 6.7 | 5.5 |
| ZORRO | 5.0 | 4.0 | 4.0 | 6.7 | 6.0 | 7.0 | 5.4 |
| DALZ 0102 | 5.3 | 4.7 | 6.0 | 4.3 | 5.3 | 7.0 | 5.4 |
| MEYER | 5.3 | 4.7 | 5.0 | 3.3 | 3.0 | 7.0 | 4.7 |
| HIMENO | 4.7 | 4.0 | 4.7 | 3.3 | 3.3 | 6.7 | 4.4 |
| LSD VALUE | 0.8 | 0.8 | 1.6 | 1.3 | 1.4 | 0.8 | 0.5 |
| C.V. (%) | 9.2 | 11.9 | 19.8 | 13.8 | 14.5 | 6.6 | 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 24A. FALL COLOR (DECEMBER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2003 DATA

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

| NAME | TX1 |
|---|---|
| DALZ 0105 | 6.7 |
| DALZ 0101 | 6.3 |
| ZORRO | 6.3 |
| DALZ 0104 | 6.0 |
| DALZ 9604 | 6.0 |
| GN-Z | 6.0 |
| EMERALD | 5.7 |
| 6186 | 5.3 |
| DALZ 0102 | 5.0 |
| HIMENO | 4.0 |
| PZA 32 | 4.0 |
| PZB 33 | 4.0 |
| ZENITH | 4.0 |
| COMPANION | 3.7 |
| J-37 | 3.7 |
| BMZ 230 | 3.3 |
| PST-R7MA | 3.3 |
| MEYER | 2.7 |
| CHINESE COMMON | 2.0 |
| PST-R7ZM | 2.0 |
| LSD VALUE | 1.0 |
| C.V. (%) | 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 24B. FALL COLOR (DECEMBER) RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
2003 DATA

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

| NAME | TX1 |
|---|---|
| PZA 32 | 4.0 |
| PZB 33 | 4.0 |
| ZENITH | 4.0 |
| COMPANION | 3.7 |
| J-37 | 3.7 |
| PST-R7MA | 3.3 |
| CHINESE COMMON | 2.0 |
| PST-R7ZM | 2.0 |
| LSD VALUE | 0.8 |
| C.V. (%) | 15.0 |

TABLE 24C. FALL COLOR (DECEMBER) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
2003 DATA

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

| NAME | TX1 |
|---|---|
| DALZ 0105 | 6.7 |
| DALZ 0101 | 6.3 |
| ZORRO | 6.3 |
| DALZ 0104 | 6.0 |
| DALZ 9604 | 6.0 |
| GN-Z | 6.0 |
| EMERALD | 5.7 |
| 6186 | 5.3 |
| DALZ 0102 | 5.0 |
| HIMENO | 4.0 |
| BMZ 230 | 3.3 |
| MEYER | 2.7 |
| LSD VALUE | 1.1 |
| C.V. (%) | 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 25A. SEEDHEAD RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2003 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/

| NAME | IL2 | MS1 | MEAN |
|---|---|---|---|
| DALZ 0102 | 9.0 | 9.0 | 9.0 |
| HIMENO | 9.0 | 9.0 | 9.0 |
| BMZ 230 | 9.0 | 8.3 | 8.7 |
| DALZ 0101 | 9.0 | 8.3 | 8.7 |
| GN-Z | 9.0 | 8.3 | 8.7 |
| EMERALD | 9.0 | 8.0 | 8.5 |
| CHINESE COMMON | 9.0 | 7.7 | 8.3 |
| DALZ 0104 | 9.0 | 7.3 | 8.2 |
| DALZ 0105 | 9.0 | 7.0 | 8.0 |
| ZENITH | 9.0 | 6.3 | 7.7 |
| 6186 | 6.3 | 8.7 | 7.5 |
| ZORRO | 9.0 | 6.0 | 7.5 |
| PZB 33 | 9.0 | 5.3 | 7.2 |
| DALZ 9604 | 5.0 | 9.0 | 7.0 |
| MEYER | 9.0 | 4.7 | 6.8 |
| PZA 32 | 8.7 | 4.0 | 6.3 |
| COMPANION | 9.0 | 3.3 | 6.2 |
| PST-R7ZM | 8.7 | 2.7 | 5.7 |
| J-37 | 8.3 | 2.7 | 5.5 |
| PST-R7MA | 7.7 | 2.0 | 4.8 |
| LSD VALUE | 1.0 | 1.8 | 1.0 |
| C.V. (%) | 7.3 | 17.2 | 11.9 |

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

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

TABLE 25B. SEEDHEAD RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
2003 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/

| NAME | IL2 | MS1 | MEAN |
|---|---|---|---|
| CHINESE COMMON | 9.0 | 7.7 | 8.3 |
| ZENITH | 9.0 | 6.3 | 7.7 |
| PZB 33 | 9.0 | 5.3 | 7.2 |
| PZA 32 | 8.7 | 4.0 | 6.3 |
| COMPANION | 9.0 | 3.3 | 6.2 |
| PST-R7ZM | 8.7 | 2.7 | 5.7 |
| J-37 | 8.3 | 2.7 | 5.5 |
| PST-R7MA | 7.7 | 2.0 | 4.8 |
| LSD VALUE | 1.0 | 1.3 | 0.8 |
| C.V. (%) | 7.4 | 18.6 | 11.2 |

TABLE 25C. SEEDHEAD RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
2003 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/

| NAME | IL2 | MS1 | MEAN |
|---|---|---|---|
| DALZ 0102 | 9.0 | 9.0 | 9.0 |
| HIMENO | 9.0 | 9.0 | 9.0 |
| BMZ 230 | 9.0 | 8.3 | 8.7 |
| DALZ 0101 | 9.0 | 8.3 | 8.7 |
| GN-Z | 9.0 | 8.3 | 8.7 |
| EMERALD | 9.0 | 8.0 | 8.5 |
| DALZ 0104 | 9.0 | 7.3 | 8.2 |
| DALZ 0105 | 9.0 | 7.0 | 8.0 |
| 6186 | 6.3 | 8.7 | 7.5 |
| ZORRO | 9.0 | 6.0 | 7.5 |
| DALZ 9604 | 5.0 | 9.0 | 7.0 |
| MEYER | 9.0 | 4.7 | 6.8 |
| LSD VALUE | 1.0 | 2.0 | 1.1 |
| C.V. (%) | 7.1 | 16.1 | 12.1 |

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

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

TABLE 26A. PERCENT RECOVERY RATINGS FROM DIVOTS OF ZOYSIAGRASS CULTIVARS 1/
2003 DATA 2/

| NAME | AR1 |
|---|---|
| DALZ 0105 | 95.3 |
| DALZ 0101 | 94.3 |
| DALZ 9604 | 94.3 |
| GN-Z | 93.3 |
| ZENITH | 92.7 |
| PZB 33 | 90.7 |
| 6186 | 90.3 |
| BMZ 230 | 90.0 |
| DALZ 0104 | 88.0 |
| DALZ 0102 | 85.0 |
| ZORRO | 84.3 |
| CHINESE COMMON | 84.0 |
| PST-R7MA | 81.3 |
| PZA 32 | 79.7 |
| J-37 | 74.0 |
| EMERALD | 69.0 |
| COMPANION | 63.7 |
| HIMENO | 61.0 |
| MEYER | 52.0 |
| PST-R7ZM | 46.3 |
| LSD VALUE | 28.2 |
| C.V. (%) | 21.8 |

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 26B. PERCENT RECOVERY RATINGS FROM DIVOTS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
2003 DATA 2/

| NAME | AR1 |
|---|---|
| ZENITH | 92.7 |
| PZB 33 | 90.7 |
| CHINESE COMMON | 84.0 |
| PST-R7MA | 81.3 |
| PZA 32 | 79.7 |
| J-37 | 74.0 |
| COMPANION | 63.7 |
| PST-R7ZM | 46.3 |
| LSD VALUE | 23.5 |
| C.V. (%) | 19.1 |

TABLE 26C. PERCENT RECOVERY RATINGS FROM DIVOTS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
2003 DATA 2/

| NAME | AR1 |
|---|---|
| DALZ 0105 | 95.3 |
| DALZ 0101 | 94.3 |
| DALZ 9604 | 94.3 |
| GN-Z | 93.3 |
| 6186 | 90.3 |
| BMZ 230 | 90.0 |
| DALZ 0104 | 88.0 |
| DALZ 0102 | 85.0 |
| ZORRO | 84.3 |
| EMERALD | 69.0 |
| HIMENO | 61.0 |
| MEYER | 52.0 |
| LSD VALUE | 31.0 |
| C.V. (%) | 23.2 |

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 27A. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2003 DATA 2/

| NAME | KY1 | SC1 | TX2 | MEAN |
|---|---|---|---|---|
| COMPANION | 98.7 | 99.0 | 21.7 | 73.1 |
| J-37 | 96.7 | 99.0 | 20.0 | 71.9 |
| PZB 33 | 96.0 | 99.0 | 20.0 | 71.7 |
| ZENITH | 96.7 | 99.0 | 13.3 | 69.7 |
| CHINESE COMMON | 95.3 | 99.0 | 7.3 | 67.2 |
| PZA 32 | 90.3 | 99.0 | 8.3 | 65.9 |
| PST-R7MA | 86.7 | 98.7 | 4.0 | 63.1 |
| PST-R7ZM | 79.3 | 98.3 | 4.7 | 60.8 |
| DALZ 0102 | 56.7 | 98.7 | 10.7 | 55.3 |
| BMZ 230 | 53.3 | 99.0 | 13.3 | 55.2 |
| 6186 | 51.3 | 98.7 | 11.7 | 53.9 |
| DALZ 0105 | 53.3 | 94.7 | 10.0 | 52.7 |
| DALZ 0104 | 43.3 | 97.3 | 9.3 | 50.0 |
| HIMENO | 46.7 | 98.7 | 4.7 | 50.0 |
| DALZ 0101 | 38.3 | 98.7 | 9.3 | 48.8 |
| DALZ 9604 | 42.3 | 95.3 | 8.7 | 48.8 |
| EMERALD | 45.7 | 93.3 | 4.7 | 47.9 |
| MEYER | 40.0 | 91.0 | 5.7 | 45.6 |
| ZORRO | 30.0 | 94.7 | 10.0 | 44.9 |
| GN-Z | 31.7 | 61.7 | 9.3 | 34.2 |
| LSD VALUE | 10.4 | 5.8 | 6.8 | 4.6 |
| C.V. (%) | 10.2 | 3.8 | 40.9 | 8.7 |

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 27B. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
2003 DATA 2/

| NAME | KY1 | SC1 | TX2 | MEAN |
|---|---|---|---|---|
| COMPANION | 98.7 | 99.0 | 21.7 | 73.1 |
| J-37 | 96.7 | 99.0 | 20.0 | 71.9 |
| PZB 33 | 96.0 | 99.0 | 20.0 | 71.7 |
| ZENITH | 96.7 | 99.0 | 13.3 | 69.7 |
| CHINESE COMMON | 95.3 | 99.0 | 7.3 | 67.2 |
| PZA 32 | 90.3 | 99.0 | 8.3 | 65.9 |
| PST-R7MA | 86.7 | 98.7 | 4.0 | 63.1 |
| PST-R7ZM | 79.3 | 98.3 | 4.7 | 60.8 |
| LSD VALUE | 9.9 | 0.7 | 10.1 | 4.7 |
| C.V. (%) | 6.7 | 0.5 | 50.4 | 7.5 |

TABLE 27C. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
2003 DATA 2/

| NAME | KY1 | SC1 | TX2 | MEAN |
|---|---|---|---|---|
| DALZ 0102 | 56.7 | 98.7 | 10.7 | 55.3 |
| BMZ 230 | 53.3 | 99.0 | 13.3 | 55.2 |
| 6186 | 51.3 | 98.7 | 11.7 | 53.9 |
| DALZ 0105 | 53.3 | 94.7 | 10.0 | 52.7 |
| DALZ 0104 | 43.3 | 97.3 | 9.3 | 50.0 |
| HIMENO | 46.7 | 98.7 | 4.7 | 50.0 |
| DALZ 0101 | 38.3 | 98.7 | 9.3 | 48.8 |
| DALZ 9604 | 42.3 | 95.3 | 8.7 | 48.8 |
| EMERALD | 45.7 | 93.3 | 4.7 | 47.9 |
| MEYER | 40.0 | 91.0 | 5.7 | 45.6 |
| ZORRO | 30.0 | 94.7 | 10.0 | 44.9 |
| GN-Z | 31.7 | 61.7 | 9.3 | 34.2 |
| LSD VALUE | 10.8 | 7.5 | 3.1 | 4.5 |
| C.V. (%) | 15.1 | 5.0 | 21.5 | 9.9 |

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 28A. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS CULTIVARS 1/
AT JAY, FL 2/
2002 DATA

| NAME | SEPTEMBER | OCTOBER | NOVEMBER | MEAN |
|---|---|---|---|---|
| ZENITH | 11.7 | 60.0 | 71.7 | 47.8 |
| COMPANION | 13.3 | 53.3 | 70.0 | 45.6 |
| J-37 | 11.7 | 53.3 | 63.3 | 42.8 |
| PZA 32 | 10.0 | 53.3 | 63.3 | 42.2 |
| PZB 33 | 6.7 | 51.7 | 61.7 | 40.0 |
| CHINESE COMMON | 11.7 | 50.0 | 55.0 | 38.9 |
| BMZ 230 | 6.7 | 38.3 | 38.3 | 27.8 |
| DALZ 0102 | 5.0 | 35.0 | 35.0 | 25.0 |
| DALZ 9604 | 5.0 | 33.3 | 33.3 | 23.9 |
| DALZ 0105 | 5.0 | 30.0 | 33.3 | 22.8 |
| HIMENO | 6.7 | 30.0 | 30.0 | 22.2 |
| ZORRO | 5.0 | 26.7 | 31.7 | 21.1 |
| DALZ 0101 | 5.0 | 28.3 | 28.3 | 20.6 |
| DALZ 0104 | 5.0 | 28.3 | 28.3 | 20.6 |
| GN-Z | 5.0 | 28.3 | 28.3 | 20.6 |
| EMERALD | 5.0 | 23.3 | 28.3 | 18.9 |
| 6186 | 5.0 | 23.3 | 26.7 | 18.3 |
| MEYER | 6.7 | 23.3 | 23.3 | 17.8 |
| PST-R7MA | 3.7 | 18.3 | 25.0 | 15.7 |
| PST-R7ZM | 3.7 | 20.0 | 20.0 | 14.6 |
| LSD VALUE | 6.2 | 18.3 | 20.5 | 13.5 |
| C.V. (%) | 46.7 | 30.5 | 31.5 | 30.0 |

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 28B. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
AT JAY, FL 2/
2002 DATA

| NAME | SEPTEMBER | OCTOBER | NOVEMBER | MEAN |
|---|---|---|---|---|
| ZENITH | 11.7 | 60.0 | 71.7 | 47.8 |
| COMPANION | 13.3 | 53.3 | 70.0 | 45.6 |
| J-37 | 11.7 | 53.3 | 63.3 | 42.8 |
| PZA 32 | 10.0 | 53.3 | 63.3 | 42.2 |
| PZB 33 | 6.7 | 51.7 | 61.7 | 40.0 |
| CHINESE COMMON | 11.7 | 50.0 | 55.0 | 38.9 |
| PST-R7MA | 3.7 | 18.3 | 25.0 | 15.7 |
| PST-R7ZM | 3.7 | 20.0 | 20.0 | 14.6 |
| LSD VALUE | 10.5 | 30.4 | 35.1 | 23.6 |
| C.V. (%) | 52.9 | 34.3 | 33.8 | 33.8 |

TABLE 28C. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
AT JAY, FL 2/
2002 DATA

| NAME | SEPTEMBER | OCTOBER | NOVEMBER | MEAN |
|---|---|---|---|---|
| BMZ 230 | 6.7 | 38.3 | 38.3 | 27.8 |
| DALZ 0102 | 5.0 | 35.0 | 35.0 | 25.0 |
| DALZ 9604 | 5.0 | 33.3 | 33.3 | 23.9 |
| DALZ 0105 | 5.0 | 30.0 | 33.3 | 22.8 |
| HIMENO | 6.7 | 30.0 | 30.0 | 22.2 |
| ZORRO | 5.0 | 26.7 | 31.7 | 21.1 |
| DALZ 0101 | 5.0 | 28.3 | 28.3 | 20.6 |
| DALZ 0104 | 5.0 | 28.3 | 28.3 | 20.6 |
| GN-Z | 5.0 | 28.3 | 28.3 | 20.6 |
| EMERALD | 5.0 | 23.3 | 28.3 | 18.9 |
| 6186 | 5.0 | 23.3 | 26.7 | 18.3 |
| MEYER | 6.7 | 23.3 | 23.3 | 17.8 |
| LSD VALUE | 4.3 | 16.1 | 19.5 | 10.8 |
| C.V. (%) | 27.8 | 23.2 | 23.8 | 20.2 |

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 29A. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS CULTIVARS 1/
AT WEST LAFAYETTE, IN 2/
2002 DATA

| NAME | JULY | AUGUST | SEPTEMBER | MEAN |
|---|---|---|---|---|
| J-37 | 53.3 | 76.7 | 99.0 | 76.3 |
| ZENITH | 50.0 | 75.0 | 99.0 | 74.7 |
| PZA 32 | 45.0 | 73.3 | 96.3 | 71.6 |
| COMPANION | 40.0 | 66.7 | 96.0 | 67.6 |
| PZB 33 | 40.0 | 66.7 | 88.3 | 65.0 |
| CHINESE COMMON | 26.7 | 60.0 | 99.0 | 61.9 |
| PST-R7MA | 20.0 | 46.7 | 96.3 | 54.3 |
| PST-R7ZM | 15.0 | 43.3 | 93.3 | 50.6 |
| 6186 | 11.7 | 21.7 | 85.0 | 39.4 |
| BMZ 230 | 13.3 | 20.0 | 76.7 | 36.7 |
| DALZ 9604 | 11.7 | 25.0 | 71.7 | 36.1 |
| DALZ 0102 | 8.3 | 20.0 | 75.0 | 34.4 |
| DALZ 0104 | 11.7 | 16.7 | 70.0 | 32.8 |
| ZORRO | 8.3 | 20.0 | 68.3 | 32.2 |
| EMERALD | 10.0 | 16.7 | 60.0 | 28.9 |
| HIMENO | 10.0 | 16.7 | 58.3 | 28.3 |
| MEYER | 8.3 | 13.3 | 55.0 | 25.6 |
| DALZ 0101 | 8.3 | 18.3 | 46.7 | 24.4 |
| DALZ 0105 | 6.7 | 13.3 | 46.7 | 22.2 |
| GN-Z | 6.7 | 11.7 | 23.3 | 13.9 |
| LSD VALUE | 7.0 | 8.6 | 13.3 | 6.6 |
| C.V. (%) | 23.4 | 16.1 | 11.7 | 10.2 |

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 29B. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
AT WEST LAFAYETTE, IN 2/
2002 DATA

| NAME | JULY | AUGUST | SEPTEMBER | MEAN |
|---|---|---|---|---|
| J-37 | 53.3 | 76.7 | 99.0 | 76.3 |
| ZENITH | 50.0 | 75.0 | 99.0 | 74.7 |
| PZA 32 | 45.0 | 73.3 | 96.3 | 71.6 |
| COMPANION | 40.0 | 66.7 | 96.0 | 67.6 |
| PZB 33 | 40.0 | 66.7 | 88.3 | 65.0 |
| CHINESE COMMON | 26.7 | 60.0 | 99.0 | 61.9 |
| PST-R7MA | 20.0 | 46.7 | 96.3 | 54.3 |
| PST-R7ZM | 15.0 | 43.3 | 93.3 | 50.6 |
| LSD VALUE | 9.6 | 13.9 | 7.5 | 6.6 |
| C.V. (%) | 16.1 | 12.6 | 3.9 | 6.2 |

TABLE 29C. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
AT WEST LAFAYETTE, IN 2/
2002 DATA

| NAME | JULY | AUGUST | SEPTEMBER | MEAN |
|---|---|---|---|---|
| 6186 | 11.7 | 21.7 | 85.0 | 39.4 |
| BMZ 230 | 13.3 | 20.0 | 76.7 | 36.7 |
| DALZ 9604 | 11.7 | 25.0 | 71.7 | 36.1 |
| DALZ 0102 | 8.3 | 20.0 | 75.0 | 34.4 |
| DALZ 0104 | 11.7 | 16.7 | 70.0 | 32.8 |
| ZORRO | 8.3 | 20.0 | 68.3 | 32.2 |
| EMERALD | 10.0 | 16.7 | 60.0 | 28.9 |
| HIMENO | 10.0 | 16.7 | 58.3 | 28.3 |
| MEYER | 8.3 | 13.3 | 55.0 | 25.6 |
| DALZ 0101 | 8.3 | 18.3 | 46.7 | 24.4 |
| DALZ 0105 | 6.7 | 13.3 | 46.7 | 22.2 |
| GN-Z | 6.7 | 11.7 | 23.3 | 13.9 |
| LSD VALUE | 6.1 | 7.4 | 17.4 | 8.2 |
| C.V. (%) | 28.4 | 21.6 | 17.2 | 16.5 |

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 30A. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS CULTIVARS 1/
AT MISSISSIPPI STATE, MS 2/
2002 DATA

| NAME | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | MEAN |
|---|---|---|---|---|---|
| ZENITH | 55.0 | 93.3 | 97.7 | 99.0 | 86.3 |
| J-37 | 53.3 | 91.7 | 97.7 | 99.0 | 85.4 |
| COMPANION | 46.7 | 91.7 | 99.0 | 99.0 | 84.1 |
| PZB 33 | 48.3 | 88.3 | 94.7 | 97.7 | 82.3 |
| CHINESE COMMON | 43.3 | 88.3 | 96.3 | 99.0 | 81.8 |
| PZA 32 | 46.7 | 85.0 | 96.0 | 99.0 | 81.7 |
| BMZ 230 | 40.0 | 88.3 | 99.0 | 99.0 | 81.6 |
| PST-R7MA | 25.0 | 78.3 | 96.0 | 97.7 | 74.3 |
| 6186 | 23.3 | 78.3 | 96.0 | 99.0 | 74.2 |
| PST-R7ZM | 15.0 | 70.0 | 88.3 | 96.3 | 67.4 |
| DALZ 0105 | 18.3 | 56.7 | 91.7 | 97.7 | 66.1 |
| DALZ 9604 | 20.0 | 63.3 | 84.7 | 89.7 | 64.4 |
| DALZ 0104 | 20.0 | 53.3 | 88.3 | 95.0 | 64.2 |
| DALZ 0102 | 20.0 | 55.0 | 86.7 | 91.7 | 63.3 |
| ZORRO | 16.7 | 51.7 | 88.3 | 94.7 | 62.8 |
| HIMENO | 20.0 | 45.0 | 80.0 | 91.7 | 59.2 |
| MEYER | 16.7 | 41.7 | 71.7 | 81.7 | 52.9 |
| DALZ 0101 | 15.0 | 36.7 | 71.7 | 81.7 | 51.3 |
| EMERALD | 15.0 | 35.0 | 73.3 | 81.7 | 51.3 |
| GN-Z | 15.0 | 31.7 | 60.0 | 63.3 | 42.5 |
| LSD VALUE | 12.5 | 16.1 | 15.0 | 9.6 | 10.3 |
| C.V. (%) | 28.1 | 15.9 | 10.1 | 6.5 | 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 30B. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
AT MISSISSIPPI STATE, MS 2/
2002 DATA

| NAME | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | MEAN |
|---|---|---|---|---|---|
| ZENITH | 55.0 | 93.3 | 97.7 | 99.0 | 86.3 |
| J-37 | 53.3 | 91.7 | 97.7 | 99.0 | 85.4 |
| COMPANION | 46.7 | 91.7 | 99.0 | 99.0 | 84.1 |
| PZB 33 | 48.3 | 88.3 | 94.7 | 97.7 | 82.3 |
| CHINESE COMMON | 43.3 | 88.3 | 96.3 | 99.0 | 81.8 |
| PZA 32 | 46.7 | 85.0 | 96.0 | 99.0 | 81.7 |
| PST-R7MA | 25.0 | 78.3 | 96.0 | 97.7 | 74.3 |
| PST-R7ZM | 15.0 | 70.0 | 88.3 | 96.3 | 67.4 |
| LSD VALUE | 19.9 | 14.7 | 7.9 | 3.5 | 10.3 |
| C.V. (%) | 26.1 | 8.7 | 3.9 | 1.5 | 6.8 |

TABLE 30C. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
AT MISSISSIPPI STATE, MS 2/
2002 DATA

| NAME | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | MEAN |
|---|---|---|---|---|---|
| BMZ 230 | 40.0 | 88.3 | 99.0 | 99.0 | 81.6 |
| 6186 | 23.3 | 78.3 | 96.0 | 99.0 | 74.2 |
| DALZ 0105 | 18.3 | 56.7 | 91.7 | 97.7 | 66.1 |
| DALZ 9604 | 20.0 | 63.3 | 84.7 | 89.7 | 64.4 |
| DALZ 0104 | 20.0 | 53.3 | 88.3 | 95.0 | 64.2 |
| DALZ 0102 | 20.0 | 55.0 | 86.7 | 91.7 | 63.3 |
| ZORRO | 16.7 | 51.7 | 88.3 | 94.7 | 62.8 |
| HIMENO | 20.0 | 45.0 | 80.0 | 91.7 | 59.2 |
| MEYER | 16.7 | 41.7 | 71.7 | 81.7 | 52.9 |
| DALZ 0101 | 15.0 | 36.7 | 71.7 | 81.7 | 51.3 |
| EMERALD | 15.0 | 35.0 | 73.3 | 81.7 | 51.3 |
| GN-Z | 15.0 | 31.7 | 60.0 | 63.3 | 42.5 |
| LSD VALUE | 10.8 | 20.4 | 20.2 | 12.9 | 12.4 |
| C.V. (%) | 29.8 | 22.8 | 13.1 | 8.5 | 12.0 |

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

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

TABLE 31A. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS CULTIVARS 1/
AT RALEIGH, NC 2/
2003 DATA

| NAME | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | MEAN |
|---|---|---|---|---|---|---|
| DALZ 0105 | 18.3 | 61.7 | 93.7 | 97.7 | 98.7 | 74.0 |
| ZORRO | 28.3 | 61.7 | 90.3 | 92.7 | 94.3 | 73.5 |
| DALZ 9604 | 18.3 | 46.7 | 95.0 | 98.7 | 98.7 | 71.5 |
| PZA 32 | 20.0 | 45.0 | 94.7 | 98.3 | 99.0 | 71.4 |
| BMZ 230 | 18.3 | 50.0 | 89.7 | 95.3 | 97.7 | 70.2 |
| DALZ 0104 | 16.7 | 48.3 | 83.0 | 88.7 | 96.0 | 66.5 |
| GN-Z | 13.3 | 35.0 | 88.3 | 96.3 | 98.0 | 66.2 |
| DALZ 0101 | 20.0 | 43.3 | 81.3 | 88.0 | 91.0 | 64.7 |
| MEYER | 20.0 | 40.0 | 79.0 | 86.3 | 89.7 | 63.0 |
| ZENITH | 13.3 | 31.7 | 76.7 | 90.3 | 94.3 | 61.3 |
| PZB 33 | 13.3 | 35.0 | 72.7 | 91.3 | 93.0 | 61.1 |
| CHINESE COMMON | 13.3 | 28.3 | 80.0 | 89.0 | 93.7 | 60.9 |
| J-37 | 11.7 | 28.3 | 82.7 | 89.3 | 91.0 | 60.6 |
| 6186 | 15.0 | 33.3 | 76.7 | 85.0 | 91.0 | 60.2 |
| COMPANION | 13.3 | 30.0 | 78.3 | 86.3 | 93.0 | 60.2 |
| HIMENO | 21.7 | 36.7 | 71.0 | 81.3 | 89.7 | 60.1 |
| EMERALD | 11.7 | 21.7 | 76.7 | 89.0 | 94.0 | 58.6 |
| DALZ 0102 | 15.0 | 25.0 | 71.7 | 81.7 | 85.0 | 55.7 |
| PST-R7MA | 11.7 | 28.3 | 68.3 | 80.0 | 86.0 | 54.9 |
| PST-R7ZM | 11.7 | 20.0 | 60.0 | 75.7 | 83.0 | 50.1 |
| LSD VALUE | 36.1 | 59.4 | 57.4 | 43.8 | 33.8 | 40.8 |
| C.V. (%) | 62.4 | 54.1 | 22.3 | 14.7 | 10.7 | 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 31B. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
AT RALEIGH, NC 2/
2003 DATA

| NAME | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | MEAN |
|---|---|---|---|---|---|---|
| PZA 32 | 20.0 | 45.0 | 94.7 | 98.3 | 99.0 | 71.4 |
| ZENITH | 13.3 | 31.7 | 76.7 | 90.3 | 94.3 | 61.3 |
| PZB 33 | 13.3 | 35.0 | 72.7 | 91.3 | 93.0 | 61.1 |
| CHINESE COMMON | 13.3 | 28.3 | 80.0 | 89.0 | 93.7 | 60.9 |
| J-37 | 11.7 | 28.3 | 82.7 | 89.3 | 91.0 | 60.6 |
| COMPANION | 13.3 | 30.0 | 78.3 | 86.3 | 93.0 | 60.2 |
| PST-R7MA | 11.7 | 28.3 | 68.3 | 80.0 | 86.0 | 54.9 |
| PST-R7ZM | 11.7 | 20.0 | 60.0 | 75.7 | 83.0 | 50.1 |
| LSD VALUE | 16.2 | 38.4 | 49.4 | 37.1 | 28.3 | 30.9 |
| C.V. (%) | 45.3 | 48.0 | 25.4 | 16.4 | 11.8 | 20.1 |

TABLE 31C. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
AT RALEIGH, NC 2/
2003 DATA

| NAME | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | MEAN |
|---|---|---|---|---|---|---|
| DALZ 0105 | 18.3 | 61.7 | 93.7 | 97.7 | 98.7 | 74.0 |
| ZORRO | 28.3 | 61.7 | 90.3 | 92.7 | 94.3 | 73.5 |
| DALZ 9604 | 18.3 | 46.7 | 95.0 | 98.7 | 98.7 | 71.5 |
| BMZ 230 | 18.3 | 50.0 | 89.7 | 95.3 | 97.7 | 70.2 |
| DALZ 0104 | 16.7 | 48.3 | 83.0 | 88.7 | 96.0 | 66.5 |
| GN-Z | 13.3 | 35.0 | 88.3 | 96.3 | 98.0 | 66.2 |
| DALZ 0101 | 20.0 | 43.3 | 81.3 | 88.0 | 91.0 | 64.7 |
| MEYER | 20.0 | 40.0 | 79.0 | 86.3 | 89.7 | 63.0 |
| 6186 | 15.0 | 33.3 | 76.7 | 85.0 | 91.0 | 60.2 |
| HIMENO | 21.7 | 36.7 | 71.0 | 81.3 | 89.7 | 60.1 |
| EMERALD | 11.7 | 21.7 | 76.7 | 89.0 | 94.0 | 58.6 |
| DALZ 0102 | 15.0 | 25.0 | 71.7 | 81.7 | 85.0 | 55.7 |
| LSD VALUE | 38.2 | 65.3 | 46.4 | 35.5 | 26.5 | 38.8 |
| C.V. (%) | 67.5 | 56.3 | 19.7 | 13.7 | 9.8 | 20.2 |

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 32A. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS CULTIVARS 1/
AT STILLWATER, OK 2/
2002 DATA

| NAME | SEPTEMBER | OCTOBER | MEAN |
|---|---|---|---|
| COMPANION | 70.0 | 66.7 | 68.3 |
| PZB 33 | 70.0 | 66.7 | 68.3 |
| ZENITH | 71.7 | 63.3 | 67.5 |
| CHINESE COMMON | 63.3 | 65.0 | 64.2 |
| PZA 32 | 68.3 | 58.3 | 63.3 |
| J-37 | 68.3 | 55.0 | 61.7 |
| PST-R7MA | 60.0 | 55.0 | 57.5 |
| 6186 | 36.7 | 61.7 | 49.2 |
| ZORRO | 25.0 | 68.3 | 46.7 |
| DALZ 0102 | 16.7 | 71.7 | 44.2 |
| DALZ 0104 | 20.0 | 68.3 | 44.2 |
| PST-R7ZM | 45.0 | 38.3 | 41.7 |
| BMZ 230 | 17.7 | 61.7 | 39.7 |
| DALZ 9604 | 13.3 | 61.7 | 37.5 |
| HIMENO | 11.7 | 63.3 | 37.5 |
| GN-Z | 15.0 | 50.0 | 32.5 |
| DALZ 0101 | 15.0 | 48.3 | 31.7 |
| DALZ 0105 | 11.7 | 50.0 | 30.8 |
| EMERALD | 10.0 | 51.7 | 30.8 |
| MEYER | 25.0 | 35.0 | 30.0 |
| LSD VALUE | 27.0 | 24.9 | 18.4 |
| C.V. (%) | 45.7 | 20.4 | 23.3 |

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 32B. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
AT STILLWATER, OK 2/
2002 DATA

| NAME | SEPTEMBER | OCTOBER | MEAN |
|---|---|---|---|
| COMPANION | 70.0 | 66.7 | 68.3 |
| PZB 33 | 70.0 | 66.7 | 68.3 |
| ZENITH | 71.7 | 63.3 | 67.5 |
| CHINESE COMMON | 63.3 | 65.0 | 64.2 |
| PZA 32 | 68.3 | 58.3 | 63.3 |
| J-37 | 68.3 | 55.0 | 61.7 |
| PST-R7MA | 60.0 | 55.0 | 57.5 |
| PST-R7ZM | 45.0 | 38.3 | 41.7 |
| LSD VALUE | 63.8 | 25.5 | 36.8 |
| C.V. (%) | 36.3 | 19.9 | 24.4 |

TABLE 32C. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
AT STILLWATER, OK 2/
2002 DATA

| NAME | SEPTEMBER | OCTOBER | MEAN |
|---|---|---|---|
| 6186 | 36.7 | 61.7 | 49.2 |
| ZORRO | 25.0 | 68.3 | 46.7 |
| DALZ 0102 | 16.7 | 71.7 | 44.2 |
| DALZ 0104 | 20.0 | 68.3 | 44.2 |
| BMZ 230 | 17.7 | 61.7 | 39.7 |
| DALZ 9604 | 13.3 | 61.7 | 37.5 |
| HIMENO | 11.7 | 63.3 | 37.5 |
| GN-Z | 15.0 | 50.0 | 32.5 |
| DALZ 0101 | 15.0 | 48.3 | 31.7 |
| DALZ 0105 | 11.7 | 50.0 | 30.8 |
| EMERALD | 10.0 | 51.7 | 30.8 |
| MEYER | 25.0 | 35.0 | 30.0 |
| LSD VALUE | 26.0 | 20.9 | 14.8 |
| C.V. (%) | 59.8 | 18.6 | 19.4 |

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 33A. SEEDHEAD RATINGS OF ZOYSIAGRASS CULTIVARS
AT JAY, FL 1/
2003 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/

| NAME | APRIL 23 | APRIL 30 | MEAN |
|---|---|---|---|
| 6186 | 9.0 | 9.0 | 9.0 |
| BMZ 230 | 9.0 | 9.0 | 9.0 |
| DALZ 0101 | 9.0 | 9.0 | 9.0 |
| DALZ 0102 | 9.0 | 9.0 | 9.0 |
| DALZ 0104 | 9.0 | 9.0 | 9.0 |
| DALZ 0105 | 9.0 | 9.0 | 9.0 |
| DALZ 9604 | 9.0 | 9.0 | 9.0 |
| EMERALD | 9.0 | 9.0 | 9.0 |
| GN-Z | 9.0 | 9.0 | 9.0 |
| HIMENO | 9.0 | 9.0 | 9.0 |
| ZORRO | 9.0 | 9.0 | 9.0 |
| MEYER | 9.0 | 7.3 | 8.2 |
| PST-R7MA | 7.3 | 9.0 | 8.2 |
| PST-R7ZM | 7.7 | 8.7 | 8.2 |
| CHINESE COMMON | 8.3 | 6.7 | 7.5 |
| PZB 33 | 7.3 | 5.7 | 6.5 |
| PZA 32 | 6.7 | 5.0 | 5.8 |
| ZENITH | 5.0 | 6.0 | 5.5 |
| J-37 | 4.7 | 5.3 | 5.0 |
| COMPANION | 3.3 | 2.0 | 2.7 |
| LSD VALUE | 2.1 | 2.6 | 1.5 |
| C.V. (%) | 16.3 | 20.1 | 12.1 |

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

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

TABLE 33B. SEEDHEAD RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS AT JAY, FL 1/
2003 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/

| NAME | APRIL 23 | APRIL 30 | MEAN |
|---|---|---|---|
| PST-R7MA | 7.3 | 9.0 | 8.2 |
| PST-R7ZM | 7.7 | 8.7 | 8.2 |
| CHINESE COMMON | 8.3 | 6.7 | 7.5 |
| PZB 33 | 7.3 | 5.7 | 6.5 |
| PZA 32 | 6.7 | 5.0 | 5.8 |
| ZENITH | 5.0 | 6.0 | 5.5 |
| J-37 | 4.7 | 5.3 | 5.0 |
| COMPANION | 3.3 | 2.0 | 2.7 |
| LSD VALUE | 4.1 | 4.3 | 2.7 |
| C.V. (%) | 31.3 | 35.5 | 23.5 |

TABLE 33C. SEEDHEAD RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS AT JAY, FL 1/
2003 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/

| NAME | APRIL 23 | APRIL 30 | MEAN |
|---|---|---|---|
| 6186 | 9 | 9.0 | 9.0 |
| BMZ 230 | 9 | 9.0 | 9.0 |
| DALZ 0101 | 9 | 9.0 | 9.0 |
| DALZ 0102 | 9 | 9.0 | 9.0 |
| DALZ 0104 | 9 | 9.0 | 9.0 |
| DALZ 0105 | 9 | 9.0 | 9.0 |
| DALZ 9604 | 9 | 9.0 | 9.0 |
| EMERALD | 9 | 9.0 | 9.0 |
| GN-Z | 9 | 9.0 | 9.0 |
| HIMENO | 9 | 9.0 | 9.0 |
| ZORRO | 9 | 9.0 | 9.0 |
| MEYER | 9 | 7.3 | 8.2 |
| LSD VALUE | 0 | 2.2 | 1.1 |
| C.V. (%) | 0 | 9.4 | 4.7 |

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 34A. PERCENT LIVING GROUND COVER RATINGS OF ZOYSIAGRASS CULTIVARS 1/
AT COLLEGE STATION, TX 2/
2003 DATA

| NAME | MARCH | MAY | JUNE | AUGUST | NOVEMBER | MEAN |
|---|---|---|---|---|---|---|
| 6186 | 19.3 | 75.0 | 89.7 | 99.0 | 99.0 | 76.4 |
| PZB 33 | 20.0 | 60.0 | 83.3 | 97.7 | 99.0 | 72.0 |
| BMZ 230 | 14.0 | 55.0 | 81.7 | 99.0 | 99.0 | 69.7 |
| DALZ 9604 | 11.7 | 58.3 | 80.0 | 99.0 | 99.0 | 69.6 |
| J-37 | 17.7 | 61.7 | 71.7 | 92.7 | 99.0 | 68.5 |
| ZORRO | 14.0 | 50.0 | 76.7 | 97.7 | 99.0 | 67.5 |
| DALZ 0104 | 14.0 | 46.7 | 75.0 | 99.0 | 99.0 | 66.7 |
| DALZ 0102 | 12.3 | 43.3 | 71.7 | 94.7 | 99.0 | 64.2 |
| DALZ 0105 | 12.3 | 41.7 | 71.7 | 96.3 | 99.0 | 64.2 |
| DALZ 0101 | 15.0 | 41.7 | 63.3 | 96.0 | 99.0 | 63.0 |
| ZENITH | 10.7 | 40.0 | 73.3 | 91.7 | 99.0 | 62.9 |
| COMPANION | 19.0 | 43.3 | 63.3 | 88.0 | 99.0 | 62.5 |
| HIMENO | 6.0 | 31.7 | 58.3 | 90.0 | 97.7 | 56.7 |
| PZA 32 | 6.7 | 33.3 | 58.3 | 85.0 | 94.7 | 55.6 |
| CHINESE COMMON | 5.3 | 28.3 | 46.7 | 86.7 | 99.0 | 53.2 |
| GN-Z | 10.0 | 26.7 | 43.3 | 85.0 | 99.0 | 52.8 |
| PST-R7ZM | 5.7 | 23.3 | 48.3 | 80.0 | 93.0 | 50.1 |
| PST-R7MA | 4.7 | 25.0 | 45.0 | 75.0 | 93.0 | 48.5 |
| EMERALD | 6.7 | 21.7 | 33.3 | 58.3 | 86.7 | 41.3 |
| MEYER | 6.0 | 17.7 | 26.7 | 51.7 | 76.7 | 35.7 |
| LSD VALUE | 9.6 | 21.1 | 20.0 | 12.2 | 9.9 | 11.2 |
| C.V. (%) | 44.4 | 30.4 | 19.6 | 8.9 | 5.6 | 11.7 |

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

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

TABLE 34B. PERCENT LIVING GROUND COVER RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/
AT COLLEGE STATION, TX 2/
2003 DATA

| NAME | MARCH | MAY | JUNE | AUGUST | NOVEMBER | MEAN |
|---|---|---|---|---|---|---|
| PZB 33 | 20.0 | 60.0 | 83.3 | 97.7 | 99.0 | 72.0 |
| J-37 | 17.7 | 61.7 | 71.7 | 92.7 | 99.0 | 68.5 |
| ZENITH | 10.7 | 40.0 | 73.3 | 91.7 | 99.0 | 62.9 |
| COMPANION | 19.0 | 43.3 | 63.3 | 88.0 | 99.0 | 62.5 |
| PZA 32 | 6.7 | 33.3 | 58.3 | 85.0 | 94.7 | 55.6 |
| CHINESE COMMON | 5.3 | 28.3 | 46.7 | 86.7 | 99.0 | 53.2 |
| PST-R7ZM | 5.7 | 23.3 | 48.3 | 80.0 | 93.0 | 50.1 |
| PST-R7MA | 4.7 | 25.0 | 45.0 | 75.0 | 93.0 | 48.5 |
| LSD VALUE | 15.2 | 29.5 | 27.9 | 20.0 | 6.9 | 17.2 |
| C.V. (%) | 65.0 | 37.5 | 22.8 | 10.5 | 3.3 | 14.5 |

TABLE 34C. PERCENT LIVING GROUND COVER RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/
AT COLLEGE STATION, TX 2/
2003 DATA

| NAME | MARCH | MAY | JUNE | AUGUST | NOVEMBER | MEAN |
|---|---|---|---|---|---|---|
| 6186 | 19.3 | 75.0 | 89.7 | 99.0 | 99.0 | 76.4 |
| BMZ 230 | 14.0 | 55.0 | 81.7 | 99.0 | 99.0 | 69.7 |
| DALZ 9604 | 11.7 | 58.3 | 80.0 | 99.0 | 99.0 | 69.6 |
| ZORRO | 14.0 | 50.0 | 76.7 | 97.7 | 99.0 | 67.5 |
| DALZ 0104 | 14.0 | 46.7 | 75.0 | 99.0 | 99.0 | 66.7 |
| DALZ 0102 | 12.3 | 43.3 | 71.7 | 94.7 | 99.0 | 64.2 |
| DALZ 0105 | 12.3 | 41.7 | 71.7 | 96.3 | 99.0 | 64.2 |
| DALZ 0101 | 15.0 | 41.7 | 63.3 | 96.0 | 99.0 | 63.0 |
| HIMENO | 6.0 | 31.7 | 58.3 | 90.0 | 97.7 | 56.7 |
| GN-Z | 10.0 | 26.7 | 43.3 | 85.0 | 99.0 | 52.8 |
| EMERALD | 6.7 | 21.7 | 33.3 | 58.3 | 86.7 | 41.3 |
| MEYER | 6.0 | 17.7 | 26.7 | 51.7 | 76.7 | 35.7 |
| LSD VALUE | 4.7 | 14.2 | 16.6 | 11.3 | 12.2 | 8.6 |
| C.V. (%) | 23.6 | 20.9 | 16.2 | 8.1 | 6.8 | 9.0 |

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

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

APPENDIX TABLE A. SUMMARY OF TURFGRASS QUALITY RATINGS FOR ZOYSIAGRASS CULTIVARS
2003 DATA

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

| | ALL LOCATIONS | | STATISTICS FOR ALL LOCATIONS SUM OF | | HIGHEST | LOWEST | MAXIMUM |
|---|---|---|---|---|---|---|---|
| NAME | MEAN 1/ | RANK 2/ | RANKS 3/ | RANK 4/ | RANK 5/ | RANK 6/ | IN TOP 25% 7/ |
| 6186 | 5.1 | 16 | 158 | 11 | 1 | 18 | 14.3 |
| BMZ 230 | 5.8 | 4 | 102 | 4 | 2 | 16 | 42.9 |
| CHINESE COMMON | 5.1 | 15 | 204 | 18 | 3 | 20 | 7.1 |
| COMPANION | 5.2 | 11 | 181 | 16 | 5 | 19 | 7.1 |
| DALZ 0101 | 5.9 | 2 | 77 | 2 | 1 | 14 | 57.1 |
| DALZ 0102 | 5.7 | 5 | 120 | 5 | 2 | 20 | 28.6 |
| DALZ 0104 | 5.2 | 12 | 129 | 6 | 3 | 20 | 57.1 |
| DALZ 0105 | 5.1 | 13 | 141 | 8 | 2 | 20 | 50.0 |
| DALZ 9604 | 4.9 | 18 | 165 | 13 | 3 | 20 | 14.3 |
| EMERALD | 5.8 | 3 | 100 | 3 | 3 | 20 | 50.0 |
| GN-Z | 5.0 | 17 | 176 | 15 | 6 | 20 | 0.0 |
| HIMENO | 5.3 | 9 | 160 | 12 | 3 | 19 | 21.4 |
| J-37 | 5.3 | 10 | 171 | 14 | 5 | 20 | 7.1 |
| MEYER | 4.9 | 19 | 212 | 19 | 9 | 20 | 0.0 |
| PST-R7MA | 5.1 | 14 | 189 | 17 | 5 | 19 | 7.1 |
| PST-R7ZM | 4.8 | 20 | 219 | 20 | 4 | 20 | 7.1 |
| PZA 32 | 5.4 | 8 | 151 | 10 | 1 | 19 | 14.3 |
| PZB 33 | 5.5 | 7 | 151 | 10 | 2 | 17 | 14.3 |
| ZENITH | 5.5 | 6 | 133 | 7 | 1 | 14 | 14.3 |
| ZORRO | 6.2 | 1 | 51 | 1 | 1 | 11 | 78.6 |
| LSD VALUE | 0.3 | | | | | | |
| C.V. (%) | 11.1 | | | | | | |

*/ 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).

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

1/ MEAN - AN AVERAGE OF ALL THE TURFGRASS QUALITY RATINGS FROM ALL LOCATIONS.
2/ RANK - RANKING OF THE MEAN OF ALL QUALITY RATINGS.
3/ SUM OF RANKS - A SUM OF ALL THE RANKINGS FROM THE VARIOUS LOCATIONS.
4/ RANK - THE RANKING OF THE SUM OF RANKS.
5/ HIGHEST RANK - THE HIGHEST RANKING ACHIEVED BY THAT ENTRY AT ANY ONE LOCATION.
6/ LOWEST RANK - THE LOWEST RANKING ACHIEVED BY THAT ENTRY AT ANY ONE LOCATION.
7/ MAXIMUM IN TOP 25% - THE PERCENTAGE OF LOCATIONS WHERE THAT ENTRY FINISHED IN THE TOP 25% OF ALL ENTRIES.

APPENDIX TABLE B. SUMMARY OF TURFGRASS QUALITY RATINGS FOR ZOYSIAGRASS CULTIVARS
2002 DATA

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

| | ALL LOCATIONS | | STATISTICS FOR ALL LOCATIONS SUM OF | | HIGHEST | LOWEST | MAXIMUM |
|---|---|---|---|---|---|---|---|
| NAME | MEAN 1/ | RANK 2/ | RANKS 3/ | RANK 4/ | RANK 5/ | RANK 6/ | IN TOP 25% 7/ |
| 6186 | 4.5 | 9 | 19 | 9 | 9 | 10 | 0 |
| BMZ 230 | 4.4 | 10 | 20 | 10 | 9 | 11 | 0 |
| CHINESE COMMON | 6.0 | 8 | 14 | 7 | 6 | 8 | 0 |
| COMPANION | 6.1 | 6 | 12 | 5 | 5 | 7 | 25 |
| DALZ 0101 | 3.4 | 18 | 38 | 19 | 18 | 20 | 0 |
| DALZ 0102 | 4.1 | 11 | 23 | 11 | 10 | 13 | 0 |
| DALZ 0104 | 3.9 | 14 | 30 | 14 | 14 | 16 | 0 |
| DALZ 0105 | 4.1 | 13 | 27 | 13 | 11 | 16 | 0 |
| DALZ 9604 | 4.1 | 12 | 26 | 12 | 12 | 14 | 0 |
| EMERALD | 3.6 | 17 | 33 | 17 | 14 | 19 | 0 |
| GN-Z | 3.3 | 20 | 40 | 20 | 20 | 20 | 0 |
| HIMENO | 3.7 | 15 | 32 | 16 | 14 | 18 | 0 |
| J-37 | 6.2 | 4 | 11 | 4 | 5 | 6 | 25 |
| MEYER | 3.4 | 19 | 38 | 19 | 18 | 20 | 0 |
| PST-R7MA | 6.2 | 5 | 15 | 8 | 6 | 9 | 0 |
| PST-R7ZM | 6.1 | 7 | 13 | 6 | 3 | 10 | 25 |
| PZA 32 | 6.3 | 3 | 9 | 3 | 4 | 5 | 50 |
| PZB 33 | 6.5 | 2 | 7 | 2 | 2 | 5 | 50 |
| ZENITH | 6.8 | 1 | 2 | 1 | 1 | 1 | 50 |
| ZORRO | 3.7 | 16 | 32 | 16 | 15 | 17 | 0 |
| LSD VALUE | 0.4 | | | | | | |
| C.V. (%) | 7.6 | | | | | | |

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

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

1/ MEAN - AN AVERAGE OF ALL THE TURFGRASS QUALITY RATINGS FROM ALL LOCATIONS.
2/ RANK - RANKING OF THE MEAN OF ALL QUALITY RATINGS.
3/ SUM OF RANKS - A SUM OF ALL THE RANKINGS FROM THE VARIOUS LOCATIONS.
4/ RANK - THE RANKING OF THE SUM OF RANKS.
5/ HIGHEST RANK - THE HIGHEST RANKING ACHIEVED BY THAT ENTRY AT ANY ONE LOCATION.
6/ LOWEST RANK - THE LOWEST RANKING ACHIEVED BY THAT ENTRY AT ANY ONE LOCATION.
7/ MAXIMUM IN TOP 25% - THE PERCENTAGE OF LOCATIONS WHERE THAT ENTRY FINISHED IN THE TOP 25% OF ALL ENTRIES.