

## NATIONAL TURFGRASS EVALUATION PROGRAM

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

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

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

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## A Guide to NTEP Turfgrass Ratings

### Introduction

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

### General Considerations

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

### Turfgrass Quality

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

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

### Other Ratings

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

## 2002 NATIONAL ZOYSIAGRASS TEST

### LOCATIONS SUBMITTING DATA FOR 2004

<u>State</u>	<u>Location</u>	<u>Code</u>
Arkansas	Fayetteville	AR1
California	Riverside	CA3
Florida	Jay	FL3
Georgia	Griffin	GA1
Illinois	Carbondale	IL2
Indiana	West Lafayette	IN1
Kansas	Manhattan	KS1
Kentucky	Lexington	KY1
Maryland	College Park	MD1
Mississippi	Mississippi State	MS1
Missouri	Columbia	MO1
New Mexico	Las Cruces	NM1
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.

2004 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
CA3	SANDY LOAM	6.6-7.0	0-60	0-150	1.1-2.0	FULL SUN	1.6-2.0	TO PREVENT DORMANCY
FL3	-	-	-	-	-	-	-	-
GA1	SANDY CLAY LOAM	-	-	-	-	FULL SUN	0.6-1.0	TO PREVENT STRESS
IL2	SILTY CLAY LOAM	6.1-6.5	0-60	151-240	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT 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
MD1	SILT LOAM AND SILT	5.6-6.0	61-150	0-150	0.0-1.0	FULL SUN	0.0-0.5	TO PREVENT DORMANCY
M01	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	241-375	2.1-3.0	FULL SUN	1.6-2.0	TO PREVENT DORMANCY
NC1	SANDY CLAY LOAM	6.1-6.5	61-150	0-150	5.1-6.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
NM1	SANDY LOAM	7.6-8.5	0-60	151-240	7.1-8.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
OK1	SANDY LOAM	6.6-7.0	61-150	241-375	3.1-4.0	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	2.6-3.0	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 CLAY LOAM	7.6-8.5	61-150	151-240	2.1-3.0	FULL SUN	1.1-1.5	TO PREVENT STRESS

TABLE B.

## LOCATIONS AND DATA COLLECTED IN 2004

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
CA3					X	X	X	X	X	X	X	X	X		
FL3					X	X	X	X	X	X	X		X	X	
GA1					X	X	X	X	X	X	X		X	X	
IL2					X	X	X	X	X	X			X	X	X
IN1						X	X	X	X				X	X	X
KS1					X	X	X	X	X						
KY1				X	X	X	X	X	X	X			X	X	
MD1							X	X	X	X			X	X	
MO1				X	X	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	X	X	X	X	X	X	X
NM1								X	X	X	X		X	X	X
OK1				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					X	

TABLE B. (CONT'D)

## LOCATIONS AND DATA COLLECTED IN 2004

LOCATION	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	FROST TOLERANCE	WINTER COLOR	DOLLAR SPOT	BROWN PATCH COOL TEMP.	FALL COLOR SEPTEMBER	FALL COLOR OCTOBER	FALL COLOR NOVEMBER	FALL COLOR DECEMBER
AR1			X				X			X				
CA3													X	X
FL3	X	X	X									X	X	X
GA1													X	
IL2				X	X	X	X							
IN1								X						
KS1												X		
KY1														
MD1														
MO1				X	X	X						X		
MS1													X	
NC1					X	X					X	X	X	X
NM1				X	X	X					X	X	X	
OK1		X		X	X	X							X	
SC1									X				X	
TX1	X	X	X								X	X	X	X
TX2			X	X				X						X

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2004

LOCATION	SEEDHEAD RATINGS	SEEDHEAD MAY 6	SEEDHEAD MAY 28	SPRING COLOR	ZOYSIA MITES	ZOYSIA PATCH	LARGE ZOYSIA PATCH NOVEMBER 1	LARGE ZOYSIA PATCH NOVEMBER 24	DOLLAR SPOT JUNE	DOLLAR SPOT JULY	DOLLAR SPOT NOVEMBER
AR1	X										
CA3											
FL3											
GA1				X							
IL2		X	X		X						
IN1						X					
KS1											
KY1											
MD1											
MO1											
MS1											
NC1									X	X	X
NM1											
OK1	X						X	X			
SC1	X										
TX1											
TX2	X										

TABLE 1A.

MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS  
 GROWN AT ELEVEN LOCATIONS IN THE U.S. 1/  
 MAINTAINED USING "SCHEDULE A" \*  
 2004 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/											
	AR1	GA1	IL2	IN1	KS1	MD1	M01	NC1	OK1	SC1	TX1	MEAN
* EMERALD	6.8	7.3	7.7	7.5	8.3	7.6	6.2	7.3	8.1	7.6	5.6	7.3
* ZORRO	6.8	7.3	7.5	7.3	7.9	7.3	4.5	6.9	8.1	7.4	6.6	7.1
DALZ 0101	6.3	7.7	7.1	5.9	7.2	6.5	5.5	6.6	8.1	7.3	6.3	6.8
DALZ 0102	5.5	6.7	5.7	4.9	7.2	7.0	6.2	6.5	7.7	7.0	5.4	6.3
HIMENO	6.1	7.5	5.4	5.6	4.1	6.5	6.2	6.5	8.0	7.3	5.1	6.2
BMZ 230	5.9	5.6	4.6	4.3	5.9	5.3	6.7	7.4	7.2	7.4	5.1	5.9
* MEYER	6.0	7.0	6.3	5.6	3.7	4.8	5.4	6.1	7.0	6.6	4.3	5.7
PZB 33	5.0	5.9	4.3	4.5	4.5	5.1	6.2	7.1	7.0	6.7	4.3	5.5
* ZENITH	4.7	6.0	4.4	5.1	4.8	5.3	5.0	6.5	7.0	6.8	4.3	5.5
PZA 32	4.2	6.2	4.5	5.8	4.5	4.8	4.6	7.0	6.9	6.6	4.3	5.4
PST-R7MA	5.2	6.0	4.7	5.9	3.8	4.6	4.3	6.4	6.9	6.6	3.9	5.3
GN-Z	5.9	6.4	6.9	1.1	5.4	3.8	2.2	6.7	7.8	6.9	5.3	5.3
* COMPANION	4.8	6.0	3.7	4.8	4.2	5.2	4.3	6.6	6.4	6.6	3.8	5.1
* CHINESE COMMON	3.7	5.9	3.5	4.3	4.3	4.3	5.4	6.4	6.8	6.6	4.0	5.0
J-37	4.3	5.6	3.3	4.5	4.4	4.2	5.2	7.3	6.0	6.5	3.7	5.0
PST-R7ZM	5.9	6.0	3.1	6.3	3.4	4.1	3.4	6.0	6.2	6.8	3.5	5.0
DALZ 0104	6.1	8.2	4.1	1.0	3.9	2.3	1.0	6.7	7.4	6.9	6.1	4.9
DALZ 0105	6.9	7.2	3.1	1.1	3.8	2.4	1.2	7.3	6.7	6.8	5.6	4.7
DALZ 9604	6.2	7.2	2.6	1.1	3.5	2.2	1.0	7.5	7.2	7.0	5.3	4.6
6186	5.9	7.0	2.1	1.0	4.0	1.7	1.6	6.9	7.0	7.0	5.1	4.5
LSD VALUE	0.7	0.5	0.9	0.9	1.2	1.0	1.6	1.1	0.8	0.3	0.5	0.3
C.V. (%)	7.9	4.7	12.2	13.5	15.3	13.5	23.7	9.7	7.1	3.0	6.3	10.6

\* COMMERCIALLY AVAILABLE IN THE USA IN 2005.

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER 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 FT<sup>2</sup>/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 ELEVEN LOCATIONS IN THE U.S. 1/  
 MAINTAINED USING "SCHEDULE A" \*  
 2004 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	AR1	GA1	IL2	IN1	KS1	MD1	MO1	NC1	OK1	SC1	TX1	MEAN
PZB 33	5.0	5.9	4.3	4.5	4.5	5.1	6.2	7.1	7.0	6.7	4.3	5.5
ZENITH	4.7	6.0	4.4	5.1	4.8	5.3	5.0	6.5	7.0	6.8	4.3	5.5
PZA 32	4.2	6.2	4.5	5.8	4.5	4.8	4.6	7.0	6.9	6.6	4.3	5.4
PST-R7MA	5.2	6.0	4.7	5.9	3.8	4.6	4.3	6.4	6.9	6.6	3.9	5.3
COMPANION	4.8	6.0	3.7	4.8	4.2	5.2	4.3	6.6	6.4	6.6	3.8	5.1
CHINESE COMMON	3.7	5.9	3.5	4.3	4.3	4.3	5.4	6.4	6.8	6.6	4.0	5.0
J-37	4.3	5.6	3.3	4.5	4.4	4.2	5.2	7.3	6.0	6.5	3.7	5.0
PST-R7ZM	5.9	6.0	3.1	6.3	3.4	4.1	3.4	6.0	6.2	6.8	3.5	5.0
LSD VALUE	0.7	0.5	0.8	0.8	1.2	0.9	1.9	1.3	1.2	0.3	0.6	0.3
C.V. (%)	9.8	5.6	13.3	9.6	17.0	11.5	25.0	12.5	11.0	2.4	9.9	12.3

TABLE 1C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS  
 GROWN AT ELEVEN LOCATIONS IN THE U.S. 1/  
 MAINTAINED USING "SCHEDULE A" \*  
 2004 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	AR1	GA1	IL2	IN1	KS1	MD1	MO1	NC1	OK1	SC1	TX1	MEAN
EMERALD	6.8	7.3	7.7	7.5	8.3	7.6	6.2	7.3	8.1	7.6	5.6	7.3
ZORRO	6.8	7.3	7.5	7.3	7.9	7.3	4.5	6.9	8.1	7.4	6.6	7.1
DALZ 0101	6.3	7.7	7.1	5.9	7.2	6.5	5.5	6.6	8.1	7.3	6.3	6.8
DALZ 0102	5.5	6.7	5.7	4.9	7.2	7.0	6.2	6.5	7.7	7.0	5.4	6.3
HIMENO	6.1	7.5	5.4	5.6	4.1	6.5	6.2	6.5	8.0	7.3	5.1	6.2
BMZ 230	5.9	5.6	4.6	4.3	5.9	5.3	6.7	7.4	7.2	7.4	5.1	5.9
MEYER	6.0	7.0	6.3	5.6	3.7	4.8	5.4	6.1	7.0	6.6	4.3	5.7
GN-Z	5.9	6.4	6.9	1.1	5.4	3.8	2.2	6.7	7.8	6.9	5.3	5.3
DALZ 0104	6.1	8.2	4.1	1.0	3.9	2.3	1.0	6.7	7.4	6.9	6.1	4.9
DALZ 0105	6.9	7.2	3.1	1.1	3.8	2.4	1.2	7.3	6.7	6.8	5.6	4.7
DALZ 9604	6.2	7.2	2.6	1.1	3.5	2.2	1.0	7.5	7.2	7.0	5.3	4.6
6186	5.9	7.0	2.1	1.0	4.0	1.7	1.6	6.9	7.0	7.0	5.1	4.5
LSD VALUE	0.7	0.5	1.0	1.0	1.2	1.1	1.4	0.8	0.5	0.4	0.4	0.3
C.V. (%)	6.9	4.1	11.6	16.8	14.4	14.6	22.1	7.3	3.7	3.3	4.3	9.6

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

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

\*\* 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 SIX LOCATIONS IN THE U.S. 1/  
 MAINTAINED USING "SCHEDULE B" \*  
 2004 DATA

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

NAME	CA3	FL3	KY1	MS1	NM1	TX2	MEAN
ZORRO	6.0	7.4	8.0	7.5	6.5	5.7	6.8
DALZ 0101	6.5	7.5	7.3	7.3	5.3	5.4	6.5
GN-Z	5.2	7.5	7.7	6.8	5.9	5.3	6.4
EMERALD	5.2	7.7	7.3	7.5	5.4	5.1	6.4
BMZ 230	5.2	6.6	7.0	5.5	6.1	6.1	6.1
DALZ 0102	5.4	7.1	7.0	6.0	5.8	5.2	6.1
HIMENO	.	6.6	7.7	5.3	5.2	5.5	6.0
DALZ 0104	5.6	7.1	5.2	6.4	6.5	5.1	6.0
ZENITH	4.9	6.5	7.3	5.4	5.7	5.3	5.8
MEYER	4.6	6.0	8.7	6.0	4.3	4.5	5.7
PZB 33	4.8	5.8	6.5	5.3	5.7	5.4	5.6
6186	5.8	5.8	5.4	5.9	6.2	4.3	5.6
DALZ 0105	5.9	7.0	3.6	6.2	5.8	4.6	5.5
J-37	4.4	6.4	6.4	5.0	5.6	5.0	5.5
PZA 32	4.8	5.7	7.0	5.3	5.2	4.7	5.4
COMPANION	4.9	6.0	5.9	5.3	5.5	4.9	5.4
PST-R7MA	4.0	5.8	7.2	5.8	4.9	4.5	5.4
DALZ 9604	5.5	6.5	3.2	5.7	5.8	5.3	5.3
PST-R7ZM	4.0	5.4	7.5	5.4	4.6	4.7	5.3
CHINESE COMMON	4.5	5.7	6.3	4.7	5.7	4.3	5.2
LSD VALUE	0.6	0.7	1.6	0.3	0.8	0.6	0.4
C.V. (%)	7.2	6.3	15.2	3.1	8.8	7.8	9.3

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

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

\*\* SCHEDULE B - 1.5 - 2 INCH MOWING HEIGHT WITH ROTARY MOWER  
 0.25 - 0.33 lbs. N/1000 FT<sup>2</sup>/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 SIX LOCATIONS IN THE U.S. 1/  
 MAINTAINED USING "SCHEDULE B" \*  
 2004 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	CA3	FL3	KY1	MS1	NM1	TX2	MEAN
ZENITH	4.9	6.5	7.3	5.4	5.7	5.3	5.8
PZB 33	4.8	5.8	6.5	5.3	5.7	5.4	5.6
J-37	4.4	6.4	6.4	5.0	5.6	5.0	5.5
PZA 32	4.8	5.7	7.0	5.3	5.2	4.7	5.4
COMPANION	4.9	6.0	5.9	5.3	5.5	4.9	5.4
PST-R7MA	4.0	5.8	7.2	5.8	4.9	4.5	5.4
PST-R7ZM	4.0	5.4	7.5	5.4	4.6	4.7	5.3
CHINESE COMMON	4.5	5.7	6.3	4.7	5.7	4.3	5.2
LSD VALUE	0.6	0.6	0.8	0.2	0.7	0.6	0.2
C.V. (%)	7.4	6.3	7.3	2.6	7.8	7.6	6.8

TABLE 2C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS  
 GROWN AT SIX LOCATIONS IN THE U.S. 1/  
 MAINTAINED USING "SCHEDULE B" \*  
 2004 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	CA3	FL3	KY1	MS1	NM1	TX2	MEAN
ZORRO	6.0	7.4	8.0	7.5	6.5	5.7	6.8
DALZ 0101	6.5	7.5	7.3	7.3	5.3	5.4	6.5
GN-Z	5.2	7.5	7.7	6.8	5.9	5.3	6.4
EMERALD	5.2	7.7	7.3	7.5	5.4	5.1	6.4
BMZ 230	5.2	6.6	7.0	5.5	6.1	6.1	6.1
DALZ 0102	5.4	7.1	7.0	6.0	5.8	5.2	6.1
HIMENO	.	6.6	7.7	5.3	5.2	5.5	6.0
DALZ 0104	5.6	7.1	5.2	6.4	6.5	5.1	6.0
MEYER	4.6	6.0	8.7	6.0	4.3	4.5	5.7
6186	5.8	5.8	5.4	5.9	6.2	4.3	5.6
DALZ 0105	5.9	7.0	3.6	6.2	5.8	4.6	5.5
DALZ 9604	5.5	6.5	3.2	5.7	5.8	5.3	5.3
LSD VALUE	0.6	0.7	2.0	0.3	0.9	0.7	0.4
C.V. (%)	7.0	6.2	18.9	3.3	9.3	8.0	10.4

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

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

\*\* SCHEDULE B - 1.5 - 2 INCH MOWING HEIGHT WITH ROTARY MOWER

0.25 - 0.33 lbs. N/1000 FT<sup>2</sup>/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 EIGHT LOCATIONS 1/  
IN THE TRANSITION REGION  
2004 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/								MEAN
	AR1	IL2	KS1	KY1	MD1	MO1	NC1	OK1	
EMERALD	6.8	7.7	8.3	7.3	7.6	6.2	7.3	8.1	7.4
ZORRO	6.8	7.5	7.9	8.0	7.3	4.5	6.9	8.1	7.1
DALZ 0101	6.3	7.1	7.2	7.3	6.5	5.5	6.6	8.1	6.8
DALZ 0102	5.5	5.7	7.2	7.0	7.0	6.2	6.5	7.7	6.6
HIMENO	6.1	5.4	4.1	7.7	6.5	6.2	6.5	8.0	6.3
BMZ 230	5.9	4.6	5.9	7.0	5.3	6.7	7.4	7.2	6.2
MEYER	6.0	6.3	3.7	8.7	4.8	5.4	6.1	7.0	6.0
GN-Z	5.9	6.9	5.4	7.7	3.8	2.2	6.7	7.8	5.8
PZB 33	5.0	4.3	4.5	6.5	5.1	6.2	7.1	7.0	5.7
ZENITH	4.7	4.4	4.8	7.3	5.3	5.0	6.5	7.0	5.6
PZA 32	4.2	4.5	4.5	7.0	4.8	4.6	7.0	6.9	5.4
PST-R7MA	5.2	4.7	3.8	7.2	4.6	4.3	6.4	6.9	5.4
J-37	4.3	3.3	4.4	6.4	4.2	5.2	7.3	6.0	5.1
COMPANION	4.8	3.7	4.2	5.9	5.2	4.3	6.6	6.4	5.1
CHINESE COMMON	3.7	3.5	4.3	6.3	4.3	5.4	6.4	6.8	5.1
PST-R7ZM	5.9	3.1	3.4	7.5	4.1	3.4	6.0	6.2	4.9
DALZ 0104	6.1	4.1	3.9	5.2	2.3	1.0	6.7	7.4	4.6
DALZ 0105	6.9	3.1	3.8	3.6	2.4	1.2	7.3	6.7	4.4
6186	5.9	2.1	4.0	5.4	1.7	1.6	6.9	7.0	4.3
DALZ 9604	6.2	2.6	3.5	3.2	2.2	1.0	7.5	7.2	4.2
LSD VALUE	0.7	0.9	1.2	1.6	1.0	1.6	1.1	0.8	0.4
C.V. (%)	7.9	12.2	15.3	15.2	13.5	23.7	9.7	7.1	13.0

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

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

TABLE 3B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS  
GROWN AT EIGHT LOCATIONS 1/  
IN THE TRANSITION REGION  
2004 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/								MEAN
	AR1	IL2	KS1	KY1	MD1	MO1	NC1	OK1	
PZB 33	5.0	4.3	4.5	6.5	5.1	6.2	7.1	7.0	5.7
ZENITH	4.7	4.4	4.8	7.3	5.3	5.0	6.5	7.0	5.6
PZA 32	4.2	4.5	4.5	7.0	4.8	4.6	7.0	6.9	5.4
PST-R7MA	5.2	4.7	3.8	7.2	4.6	4.3	6.4	6.9	5.4
J-37	4.3	3.3	4.4	6.4	4.2	5.2	7.3	6.0	5.1
COMPANION	4.8	3.7	4.2	5.9	5.2	4.3	6.6	6.4	5.1
CHINESE COMMON	3.7	3.5	4.3	6.3	4.3	5.4	6.4	6.8	5.1
PST-R7ZM	5.9	3.1	3.4	7.5	4.1	3.4	6.0	6.2	4.9
LSD VALUE	0.7	0.8	1.2	0.8	0.9	1.9	1.3	1.2	0.4
C.V. (%)	9.8	13.3	17.0	7.3	11.5	25.0	12.5	11.0	13.7

TABLE 3C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS  
GROWN AT EIGHT LOCATIONS 1/  
IN THE TRANSITION REGION  
2004 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/								MEAN
	AR1	IL2	KS1	KY1	MD1	MO1	NC1	OK1	
EMERALD	6.8	7.7	8.3	7.3	7.6	6.2	7.3	8.1	7.4
ZORRO	6.8	7.5	7.9	8.0	7.3	4.5	6.9	8.1	7.1
DALZ 0101	6.3	7.1	7.2	7.3	6.5	5.5	6.6	8.1	6.8
DALZ 0102	5.5	5.7	7.2	7.0	7.0	6.2	6.5	7.7	6.6
HIMENO	6.1	5.4	4.1	7.7	6.5	6.2	6.5	8.0	6.3
BMZ 230	5.9	4.6	5.9	7.0	5.3	6.7	7.4	7.2	6.2
MEYER	6.0	6.3	3.7	8.7	4.8	5.4	6.1	7.0	6.0
GN-Z	5.9	6.9	5.4	7.7	3.8	2.2	6.7	7.8	5.8
DALZ 0104	6.1	4.1	3.9	5.2	2.3	1.0	6.7	7.4	4.6
DALZ 0105	6.9	3.1	3.8	3.6	2.4	1.2	7.3	6.7	4.4
6186	5.9	2.1	4.0	5.4	1.7	1.6	6.9	7.0	4.3
DALZ 9604	6.2	2.6	3.5	3.2	2.2	1.0	7.5	7.2	4.2
LSD VALUE	0.7	1.0	1.2	2.0	1.1	1.4	0.8	0.5	0.4
C.V. (%)	6.9	11.6	14.4	18.9	14.6	22.1	7.3	3.7	12.5

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

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

TABLE 4A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS  
GROWN AT SIX LOCATIONS 1/  
IN THE SOUTHEAST REGION  
2004 DATA

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

NAME	FL3	GA1	MS1	SC1	TX1	TX2	MEAN
ZORRO	7.4	7.3	7.5	7.4	6.6	5.7	7.0
DALZ 0101	7.5	7.7	7.3	7.3	6.3	5.4	6.9
EMERALD	7.7	7.3	7.5	7.6	5.6	5.1	6.8
DALZ 0104	7.1	8.2	6.4	6.9	6.1	5.1	6.6
GN-Z	7.5	6.4	6.8	6.9	5.3	5.3	6.4
DALZ 0102	7.1	6.7	6.0	7.0	5.4	5.2	6.2
DALZ 0105	7.0	7.2	6.2	6.8	5.6	4.6	6.2
HIMENO	6.6	7.5	5.3	7.3	5.1	5.5	6.2
DALZ 9604	6.5	7.2	5.7	7.0	5.3	5.3	6.2
BMZ 230	6.6	5.6	5.5	7.4	5.1	6.1	6.1
6186	5.8	7.0	5.9	7.0	5.1	4.3	5.9
MEYER	6.0	7.0	6.0	6.6	4.3	4.5	5.7
ZENITH	6.5	6.0	5.4	6.8	4.3	5.3	5.7
PZB 33	5.8	5.9	5.3	6.7	4.3	5.4	5.6
PZA 32	5.7	6.2	5.3	6.6	4.3	4.7	5.5
COMPANION	6.0	6.0	5.3	6.6	3.8	4.9	5.4
PST-R7MA	5.8	6.0	5.8	6.6	3.9	4.5	5.4
J-37	6.4	5.6	5.0	6.5	3.7	5.0	5.4
PST-R7ZM	5.4	6.0	5.4	6.8	3.5	4.7	5.3
CHINESE COMMON	5.7	5.9	4.7	6.6	4.0	4.3	5.2
LSD VALUE	0.7	0.5	0.3	0.3	0.5	0.6	0.2
C.V. (%)	6.3	4.7	3.1	3.0	6.3	7.8	5.2

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

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

TABLE 4B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS  
GROWN AT SIX LOCATIONS 1/  
IN THE SOUTHEAST REGION  
2004 DATA

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

NAME	FL3	GA1	MS1	SC1	TX1	TX2	MEAN
ZENITH	6.5	6.0	5.4	6.8	4.3	5.3	5.7
PZB 33	5.8	5.9	5.3	6.7	4.3	5.4	5.6
PZA 32	5.7	6.2	5.3	6.6	4.3	4.7	5.5
COMPANION	6.0	6.0	5.3	6.6	3.8	4.9	5.4
PST-R7MA	5.8	6.0	5.8	6.6	3.9	4.5	5.4
J-37	6.4	5.6	5.0	6.5	3.7	5.0	5.4
PST-R7ZM	5.4	6.0	5.4	6.8	3.5	4.7	5.3
CHINESE COMMON	5.7	5.9	4.7	6.6	4.0	4.3	5.2
LSD VALUE	0.6	0.5	0.2	0.3	0.6	0.6	0.2
C.V. (%)	6.3	5.6	2.6	2.4	9.9	7.6	5.7

TABLE 4C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS  
GROWN AT SIX LOCATIONS 1/  
IN THE SOUTHEAST REGION  
2004 DATA

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

NAME	FL3	GA1	MS1	SC1	TX1	TX2	MEAN
ZORRO	7.4	7.3	7.5	7.4	6.6	5.7	7.0
DALZ 0101	7.5	7.7	7.3	7.3	6.3	5.4	6.9
EMERALD	7.7	7.3	7.5	7.6	5.6	5.1	6.8
DALZ 0104	7.1	8.2	6.4	6.9	6.1	5.1	6.6
GN-Z	7.5	6.4	6.8	6.9	5.3	5.3	6.4
DALZ 0102	7.1	6.7	6.0	7.0	5.4	5.2	6.2
DALZ 0105	7.0	7.2	6.2	6.8	5.6	4.6	6.2
HIMENO	6.6	7.5	5.3	7.3	5.1	5.5	6.2
DALZ 9604	6.5	7.2	5.7	7.0	5.3	5.3	6.2
BMZ 230	6.6	5.6	5.5	7.4	5.1	6.1	6.1
6186	5.8	7.0	5.9	7.0	5.1	4.3	5.9
MEYER	6.0	7.0	6.0	6.6	4.3	4.5	5.7
LSD VALUE	0.7	0.5	0.3	0.4	0.4	0.7	0.2
C.V. (%)	6.2	4.1	3.3	3.3	4.3	8.0	4.9

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

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

TABLE 5A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS FOR EACH MONTH GROWN AT WEST LAFAYETTE, IN 1/ 2004 DATA

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

NAME	JUN	JUL	AUG	SEP	MEAN
EMERALD	5.3	8.3	8.3	8.0	7.5
ZORRO	6.0	8.0	7.3	7.7	7.3
PST-R7ZM	6.0	7.0	7.0	5.0	6.3
DALZ 0101	4.0	8.0	5.7	6.0	5.9
PST-R7MA	5.3	6.0	6.3	6.0	5.9
PZA 32	4.3	6.3	6.3	6.0	5.8
HIMENO	6.7	5.3	6.7	3.7	5.6
MEYER	4.7	6.3	6.3	5.0	5.6
ZENITH	5.0	5.7	5.0	4.7	5.1
DALZ 0102	6.7	4.7	4.0	4.3	4.9
COMPANION	5.0	5.3	4.3	4.3	4.8
J-37	4.0	5.7	4.7	3.7	4.5
PZB 33	4.7	5.3	4.3	3.7	4.5
BMZ 230	4.0	4.3	5.0	3.7	4.3
CHINESE COMMON	3.7	5.7	4.7	3.0	4.3
DALZ 0105	1.3	1.0	1.0	1.0	1.1
DALZ 9604	1.3	1.0	1.0	1.0	1.1
GN-Z	1.0	1.3	1.0	1.0	1.1
6186	1.0	1.0	1.0	1.0	1.0
DALZ 0104	1.0	1.0	1.0	1.0	1.0
LSD VALUE	1.6	1.2	1.7	1.4	0.9
C.V. (%)	24.3	15.2	22.9	22.2	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 5B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS FOR EACH MONTH GROWN AT WEST LAFAYETTE, IN 1/ 2004 DATA

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

NAME	JUN	JUL	AUG	SEP	MEAN
PST-R7ZM	6.0	7.0	7.0	5.0	6.3
PST-R7MA	5.3	6.0	6.3	6.0	5.9
PZA 32	4.3	6.3	6.3	6.0	5.8
ZENITH	5.0	5.7	5.0	4.7	5.1
COMPANION	5.0	5.3	4.3	4.3	4.8
J-37	4.0	5.7	4.7	3.7	4.5
PZB 33	4.7	5.3	4.3	3.7	4.5
CHINESE COMMON	3.7	5.7	4.7	3.0	4.3
LSD VALUE	1.6	1.1	1.4	1.6	0.8
C.V. (%)	21.5	12.0	16.2	22.5	9.6

TABLE 5C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS FOR EACH MONTH GROWN AT WEST LAFAYETTE, IN 1/ 2004 DATA

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

NAME	JUN	JUL	AUG	SEP	MEAN
EMERALD	5.3	8.3	8.3	8.0	7.5
ZORRO	6.0	8.0	7.3	7.7	7.3
DALZ 0101	4.0	8.0	5.7	6.0	5.9
HIMENO	6.7	5.3	6.7	3.7	5.6
MEYER	4.7	6.3	6.3	5.0	5.6
DALZ 0102	6.7	4.7	4.0	4.3	4.9
BMZ 230	4.0	4.3	5.0	3.7	4.3
DALZ 0105	1.3	1.0	1.0	1.0	1.1
DALZ 9604	1.3	1.0	1.0	1.0	1.1
GN-Z	1.0	1.3	1.0	1.0	1.1
6186	1.0	1.0	1.0	1.0	1.0
DALZ 0104	1.0	1.0	1.0	1.0	1.0
LSD VALUE	1.5	1.2	1.8	1.3	1.0
C.V. (%)	26.7	18.2	28.4	21.6	16.8

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

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

TABLE 6A. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS  
 GROWN AT TWO LOCATIONS 1/  
 IN THE SOUTHWEST REGION  
 2004 DATA

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

NAME	CA3	NM1	MEAN
ZORRO	6.0	6.5	6.3
DALZ 0104	5.6	6.5	6.1
6186	5.8	6.2	6.0
DALZ 0101	6.5	5.3	5.9
DALZ 0105	5.9	5.8	5.8
DALZ 9604	5.5	5.8	5.7
BMZ 230	5.2	6.1	5.6
DALZ 0102	5.4	5.8	5.6
GN-Z	5.2	5.9	5.6
EMERALD	5.2	5.4	5.3
ZENITH	4.9	5.7	5.3
PZB 33	4.8	5.7	5.3
COMPANION	4.9	5.5	5.2
HIMENO	.	5.2	5.2
CHINESE COMMON	4.5	5.7	5.1
J-37	4.4	5.6	5.0
PZA 32	4.8	5.2	5.0
PST-R7MA	4.0	4.9	4.5
MEYER	4.6	4.3	4.5
PST-R7ZM	4.0	4.6	4.3
LSD VALUE	0.6	0.8	0.5
C.V. (%)	7.2	8.8	8.2

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

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



TABLE 6B. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS  
GROWN AT TWO LOCATIONS 1/  
IN THE SOUTHWEST REGION  
2004 DATA

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

NAME	CA3	NM1	MEAN
ZENITH	4.9	5.7	5.3
PZB 33	4.8	5.7	5.3
COMPANION	4.9	5.5	5.2
CHINESE COMMON	4.5	5.7	5.1
J-37	4.4	5.6	5.0
PZA 32	4.8	5.2	5.0
PST-R7MA	4.0	4.9	4.5
PST-R7ZM	4.0	4.6	4.3
LSD VALUE	0.6	0.7	0.5
C.V. (%)	7.4	7.8	7.8

TABLE 6C. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS  
GROWN AT TWO LOCATIONS 1/  
IN THE SOUTHWEST REGION  
2004 DATA

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

NAME	CA3	NM1	MEAN
ZORRO	6.0	6.5	6.3
DALZ 0104	5.6	6.5	6.1
6186	5.8	6.2	6.0
DALZ 0101	6.5	5.3	5.9
DALZ 0105	5.9	5.8	5.8
DALZ 9604	5.5	5.8	5.7
BMZ 230	5.2	6.1	5.6
DALZ 0102	5.4	5.8	5.6
GN-Z	5.2	5.9	5.6
EMERALD	5.2	5.4	5.3
HIMENO	.	5.2	5.2
MEYER	4.6	4.3	4.5
LSD VALUE	0.6	0.9	0.6
C.V. (%)	7.0	9.3	8.3

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

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

TABLE 7A.

GENETIC COLOR RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2004 DATA

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

NAME	AR1	CA3	FL3	GA1	IL2	IN1	KY1	MD1	MO1	MS1	NC1	NM1	SC1	TX1	MEAN
HIMENO	6.3	.	7.7	9.0	8.3	7.0	8.7	8.0	7.0	7.7	6.7	7.3	7.7	8.7	7.7
MEYER	7.7	7.0	7.7	9.0	6.7	5.7	8.0	7.3	7.0	7.0	7.0	7.7	7.0	8.7	7.4
EMERALD	7.3	6.7	7.7	9.0	7.7	5.3	7.7	7.0	6.0	7.0	6.3	7.0	7.7	7.3	7.1
DALZ 0101	7.3	6.3	7.0	9.0	7.3	4.3	8.3	7.0	5.7	7.0	6.7	7.3	6.7	8.0	7.0
ZORRO	6.3	6.3	7.3	9.0	6.3	4.0	8.0	7.0	5.7	6.7	7.3	6.7	6.7	7.0	6.7
PZA 32	4.7	6.3	7.0	8.3	7.7	5.3	6.3	6.7	6.0	7.0	6.3	6.7	7.0	7.0	6.6
DALZ 0104	7.0	6.3	7.3	9.0	8.3	.	4.3	6.5	2.7	6.3	6.7	6.7	6.7	7.0	6.5
ZENITH	5.3	6.0	6.0	8.0	8.0	5.0	6.7	6.3	5.7	7.0	6.3	7.0	7.0	7.0	6.5
COMPANION	6.0	6.0	6.0	8.7	6.3	4.7	6.0	5.7	5.7	7.0	6.7	7.3	7.3	7.7	6.5
PST-R7ZM	6.7	6.0	6.0	8.3	5.0	5.0	7.0	6.7	4.0	7.0	6.7	7.0	7.0	8.0	6.5
PZB 33	5.7	6.0	5.7	7.0	7.7	4.0	6.7	6.3	4.7	7.0	6.7	7.0	7.3	7.0	6.3
BMZ 230	7.0	5.7	5.7	6.7	4.0	7.3	7.7	5.3	5.3	7.0	6.3	6.7	6.7	7.0	6.3
PST-R7MA	5.0	.	6.3	7.7	6.3	5.7	6.7	6.3	3.0	7.0	6.3	7.3	7.0	7.3	6.3
6186	7.3	6.7	5.0	8.7	9.0	.	4.7	5.0	1.0	7.0	6.7	6.3	7.3	7.3	6.3
GN-Z	5.0	6.0	7.7	7.0	2.0	.	7.3	7.0	2.7	6.0	7.0	7.3	7.0	8.0	6.2
DALZ 0105	7.3	6.3	4.7	8.7	8.7	.	3.7	6.5	1.0	6.7	6.7	6.7	6.3	4.0	5.9
J-37	5.0	5.0	6.0	7.0	5.3	5.0	5.3	5.3	4.7	7.0	6.0	7.0	7.7	6.7	5.9
CHINESE COMMON	3.0	5.0	6.0	7.0	6.7	4.7	6.0	5.3	5.7	7.0	5.7	6.7	7.0	6.0	5.8
DALZ 9604	6.3	6.0	5.0	8.3	5.7	.	1.0	6.5	1.0	6.7	6.7	6.3	6.3	6.7	5.6
DALZ 0102	5.0	6.0	5.7	7.3	1.0	4.0	7.0	5.7	4.7	5.0	7.0	6.3	7.3	6.0	5.6
LSD VALUE	2.0	1.2	1.4	0.8	1.3	1.6	2.0	0.9	2.3	0.5	1.2	1.0	0.8	0.7	0.4
C.V. (%)	20.2	11.4	13.5	6.2	12.4	19.9	19.7	7.9	32.0	4.2	10.9	8.6	7.3	6.0	13.1

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

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

TABLE 7B.

GENETIC COLOR RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
2004 DATA

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

NAME	AR1	CA3	FL3	GA1	IL2	IN1	KY1	MD1	MO1	MS1	NC1	NM1	SC1	TX1	MEAN
PZA 32	4.7	6.3	7.0	8.3	7.7	5.3	6.3	6.7	6.0	7	6.3	6.7	7.0	7.0	6.6
ZENITH	5.3	6.0	6.0	8.0	8.0	5.0	6.7	6.3	5.7	7	6.3	7.0	7.0	7.0	6.5
COMPANION	6.0	6.0	6.0	8.7	6.3	4.7	6.0	5.7	5.7	7	6.7	7.3	7.3	7.7	6.5
PST-R7ZM	6.7	6.0	6.0	8.3	5.0	5.0	7.0	6.7	4.0	7	6.7	7.0	7.0	8.0	6.5
PZB 33	5.7	6.0	5.7	7.0	7.7	4.0	6.7	6.3	4.7	7	6.7	7.0	7.3	7.0	6.3
PST-R7MA	5.0	.	6.3	7.7	6.3	5.7	6.7	6.3	3.0	7	6.3	7.3	7.0	7.3	6.3
J-37	5.0	5.0	6.0	7.0	5.3	5.0	5.3	5.3	4.7	7	6.0	7.0	7.7	6.7	5.9
CHINESE COMMON	3.0	5.0	6.0	7.0	6.7	4.7	6.0	5.3	5.7	7	5.7	6.7	7.0	6.0	5.8
LSD VALUE	2.4	1.0	1.7	1.0	1.6	1.0	0.9	0.9	2.3	0	1.2	1.0	0.6	0.6	0.4
C.V. (%)	28.5	9.0	17.0	8.3	15.1	13.1	9.1	9.5	29.4	0	11.6	9.2	4.9	5.0	13.0

TABLE 7C.

GENETIC COLOR RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
2004 DATA

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

NAME	AR1	CA3	FL3	GA1	IL2	IN1	KY1	MD1	MO1	MS1	NC1	NM1	SC1	TX1	MEAN
HIMENO	6.3	.	7.7	9.0	8.3	7.0	8.7	8.0	7.0	7.7	6.7	7.3	7.7	8.7	7.7
MEYER	7.7	7.0	7.7	9.0	6.7	5.7	8.0	7.3	7.0	7.0	7.0	7.7	7.0	8.7	7.4
EMERALD	7.3	6.7	7.7	9.0	7.7	5.3	7.7	7.0	6.0	7.0	6.3	7.0	7.7	7.3	7.1
DALZ 0101	7.3	6.3	7.0	9.0	7.3	4.3	8.3	7.0	5.7	7.0	6.7	7.3	6.7	8.0	7.0
ZORRO	6.3	6.3	7.3	9.0	6.3	4.0	8.0	7.0	5.7	6.7	7.3	6.7	6.7	7.0	6.7
DALZ 0104	7.0	6.3	7.3	9.0	8.3	.	4.3	6.5	2.7	6.3	6.7	6.7	6.7	7.0	6.5
BMZ 230	7.0	5.7	5.7	6.7	4.0	7.3	7.7	5.3	5.3	7.0	6.3	6.7	6.7	7.0	6.3
6186	7.3	6.7	5.0	8.7	9.0	.	4.7	5.0	1.0	7.0	6.7	6.3	7.3	7.3	6.3
GN-Z	5.0	6.0	7.7	7.0	2.0	.	7.3	7.0	2.7	6.0	7.0	7.3	7.0	8.0	6.2
DALZ 0105	7.3	6.3	4.7	8.7	8.7	.	3.7	6.5	1.0	6.7	6.7	6.7	6.3	4.0	5.9
DALZ 9604	6.3	6.0	5.0	8.3	5.7	.	1.0	6.5	1.0	6.7	6.7	6.3	6.3	6.7	5.6
DALZ 0102	5.0	6.0	5.7	7.3	1.0	4.0	7.0	5.7	4.7	5.0	7.0	6.3	7.3	6.0	5.6
LSD VALUE	1.7	1.2	1.1	0.6	1.0	2.1	2.5	0.8	2.3	0.6	1.1	0.9	1.0	0.8	0.4
C.V. (%)	15.4	12.0	10.8	4.5	10.0	24.7	24.3	6.5	34.2	5.6	10.5	8.1	8.7	6.6	13.1

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 8A.

SPRING GREENUP RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2004 DATA

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

NAME	AR1	FL3	GA1	IL2	IN1	KY1	MD1	MO1	MS1	NC1	NM1	OK1	SC1	TX1	TX2	MEAN
BMZ 230	7.7	2.7	6.7	4.0	6.3	9.0	7.0	5.0	7.0	5.7	1.7	5.7	3.7	7.0	4.7	5.6
CHINESE COMMON	5.3	3.0	7.0	8.0	6.7	8.7	6.7	6.3	5.3	6.0	2.7	3.3	3.0	5.3	5.7	5.5
ZENITH	6.3	2.7	6.3	5.7	7.3	9.0	6.3	4.7	6.0	4.7	2.7	4.3	3.3	6.7	6.3	5.5
J-37	6.3	2.0	5.7	6.0	7.3	9.0	6.3	5.3	5.3	6.0	3.7	5.0	2.7	6.0	4.7	5.4
PZA 32	6.0	2.3	5.7	6.0	7.7	8.7	6.7	4.3	5.7	5.7	2.0	3.7	3.0	6.3	6.3	5.3
EMERALD	6.7	2.7	5.7	3.7	4.7	8.0	6.3	5.0	6.0	6.7	2.3	3.3	4.0	7.0	7.3	5.3
PZB 33	5.7	2.3	6.3	4.7	6.3	8.0	7.0	5.7	6.0	6.0	2.3	3.7	4.3	5.7	5.3	5.3
MEYER	7.3	3.0	5.0	6.0	6.3	9.0	7.3	5.3	5.3	4.3	1.7	3.7	2.3	5.7	6.3	5.2
COMPANION	7.0	2.0	4.3	5.0	8.0	8.0	7.0	3.7	5.7	5.3	2.3	4.3	3.7	6.0	6.0	5.2
DALZ 0102	6.0	2.7	6.0	4.7	6.3	9.0	7.3	5.3	5.3	5.7	1.3	3.7	3.0	6.0	5.7	5.2
PST-R7MA	6.0	3.7	4.3	4.0	6.7	9.0	6.3	3.7	5.7	5.7	2.7	4.3	3.7	5.7	6.7	5.2
DALZ 0101	7.0	3.3	4.0	2.7	3.0	7.3	6.3	1.7	6.0	6.3	3.3	6.7	5.3	7.0	7.7	5.2
PST-R7ZM	6.7	3.0	4.3	3.0	5.7	9.0	5.7	3.0	5.3	6.0	2.0	4.7	3.0	6.0	7.0	5.0
ZORRO	5.7	3.0	4.7	3.3	5.3	9.0	5.3	2.7	6.0	4.3	3.3	2.7	3.0	7.0	5.7	4.7
GN-Z	5.7	2.3	4.5	3.0	.	8.7	4.0	1.7	5.7	5.7	2.3	4.0	4.0	6.7	6.3	4.6
HIMENO	3.0	3.0	5.0	4.7	4.0	9.0	6.7	3.7	3.3	5.0	1.0	1.3	1.3	4.7	4.3	4.0
DALZ 0105	1.3	1.7	1.0	1.0	.	1.3	6.0	1.0	3.3	5.7	4.7	4.3	3.3	6.7	5.7	3.4
DALZ 9604	1.7	3.0	1.3	1.0	.	1.3	5.0	1.0	3.3	4.7	4.0	3.3	2.7	5.3	4.7	3.0
DALZ 0104	2.0	2.3	1.0	1.0	.	1.0	.	1.7	2.0	6.0	3.3	3.3	3.3	5.7	5.3	2.9
6186	1.0	1.7	1.0	1.0	.	2.3	3.0	1.0	3.0	5.7	2.3	2.0	2.7	5.0	4.7	2.6
LSD VALUE	2.0	1.1	1.8	1.0	1.8	1.5	1.1	1.8	0.8	1.4	1.5	1.3	1.6	0.9	1.3	0.4
C.V. (%)	23.5	27.0	24.7	15.5	18.4	12.9	9.8	31.0	9.9	15.4	35.0	20.6	30.1	8.8	13.9	18.6

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 8B.

 SPRING GREENUP RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
 2004 DATA

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

NAME	AR1	FL3	GA1	IL2	IN1	KY1	MD1	MO1	MS1	NC1	NM1	OK1	SC1	TX1	TX2	MEAN
CHINESE COMMON	5.3	3.0	7.0	8.0	6.7	8.7	6.7	6.3	5.3	6.0	2.7	3.3	3.0	5.3	5.7	5.5
ZENITH	6.3	2.7	6.3	5.7	7.3	9.0	6.3	4.7	6.0	4.7	2.7	4.3	3.3	6.7	6.3	5.5
J-37	6.3	2.0	5.7	6.0	7.3	9.0	6.3	5.3	5.3	6.0	3.7	5.0	2.7	6.0	4.7	5.4
PZA 32	6.0	2.3	5.7	6.0	7.7	8.7	6.7	4.3	5.7	5.7	2.0	3.7	3.0	6.3	6.3	5.3
PZB 33	5.7	2.3	6.3	4.7	6.3	8.0	7.0	5.7	6.0	6.0	2.3	3.7	4.3	5.7	5.3	5.3
COMPANION	7.0	2.0	4.3	5.0	8.0	8.0	7.0	3.7	5.7	5.3	2.3	4.3	3.7	6.0	6.0	5.2
PST-R7MA	6.0	3.7	4.3	4.0	6.7	9.0	6.3	3.7	5.7	5.7	2.7	4.3	3.7	5.7	6.7	5.2
PST-R7ZM	6.7	3.0	4.3	3.0	5.7	9.0	5.7	3.0	5.3	6.0	2.0	4.7	3.0	6.0	7.0	5.0
LSD VALUE	2.2	1.0	2.0	1.2	1.5	1.5	0.8	2.1	0.8	1.5	1.5	1.0	1.2	1.1	1.0	0.4
C.V. (%)	22.0	24.6	22.6	14.4	13.8	10.5	7.7	28.2	8.9	16.9	36.8	15.5	22.9	11.4	10.2	16.8

TABLE 8C.

 SPRING GREENUP RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
 2004 DATA

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

NAME	AR1	FL3	GA1	IL2	IN1	KY1	MD1	MO1	MS1	NC1	NM1	OK1	SC1	TX1	TX2	MEAN
BMZ 230	7.7	2.7	6.7	4.0	6.3	9.0	7.0	5.0	7.0	5.7	1.7	5.7	3.7	7.0	4.7	5.6
EMERALD	6.7	2.7	5.7	3.7	4.7	8.0	6.3	5.0	6.0	6.7	2.3	3.3	4.0	7.0	7.3	5.3
MEYER	7.3	3.0	5.0	6.0	6.3	9.0	7.3	5.3	5.3	4.3	1.7	3.7	2.3	5.7	6.3	5.2
DALZ 0102	6.0	2.7	6.0	4.7	6.3	9.0	7.3	5.3	5.3	5.7	1.3	3.7	3.0	6.0	5.7	5.2
DALZ 0101	7.0	3.3	4.0	2.7	3.0	7.3	6.3	1.7	6.0	6.3	3.3	6.7	5.3	7.0	7.7	5.2
ZORRO	5.7	3.0	4.7	3.3	5.3	9.0	5.3	2.7	6.0	4.3	3.3	2.7	3.0	7.0	5.7	4.7
GN-Z	5.7	2.3	4.5	3.0	.	8.7	4.0	1.7	5.7	5.7	2.3	4.0	4.0	6.7	6.3	4.6
HIMENO	3.0	3.0	5.0	4.7	4.0	9.0	6.7	3.7	3.3	5.0	1.0	1.3	1.3	4.7	4.3	4.0
DALZ 0105	1.3	1.7	1.0	1.0	.	1.3	6.0	1.0	3.3	5.7	4.7	4.3	3.3	6.7	5.7	3.4
DALZ 9604	1.7	3.0	1.3	1.0	.	1.3	5.0	1.0	3.3	4.7	4.0	3.3	2.7	5.3	4.7	3.0
DALZ 0104	2.0	2.3	1.0	1.0	.	1.0	.	1.7	2.0	6.0	3.3	3.3	3.3	5.7	5.3	2.9
6186	1.0	1.7	1.0	1.0	.	2.3	3.0	1.0	3.0	5.7	2.3	2.0	2.7	5.0	4.7	2.6
LSD VALUE	1.8	1.2	1.6	0.8	2.1	1.5	1.3	1.6	0.8	1.3	1.4	1.4	1.8	0.7	1.5	0.4
C.V. (%)	24.7	28.5	26.3	15.7	25.1	15.1	11.7	33.3	10.7	14.3	33.8	24.1	34.3	6.7	16.0	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 9A.

LEAF TEXTURE RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2004 DATA

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

NAME	AR1	IL2	IN1	M01	MS1	NC1	NM1	OK1	SC1	TX1	MEAN
DALZ 0101	8.3	9.0	8.7	8.0	8.0	7.3	9.0	9.0	8.7	6.7	8.3
EMERALD	6.7	9.0	8.7	7.7	8.0	6.0	8.7	9.0	9.0	6.0	7.9
ZORRO	8.0	9.0	8.7	7.0	7.7	5.3	8.7	9.0	9.0	6.3	7.9
DALZ 0105	8.7	8.7	.	1.0	7.0	6.0	8.7	9.0	8.0	6.3	7.0
DALZ 0104	7.7	8.7	.	2.7	7.0	5.3	8.0	9.0	8.0	6.3	7.0
MEYER	6.7	7.0	6.0	6.3	6.0	5.0	7.0	9.0	7.3	5.7	6.6
GN-Z	6.7	7.0	.	3.0	6.7	5.7	6.7	8.7	6.7	5.3	6.3
6186	5.7	7.3	.	1.0	6.0	6.3	6.7	9.0	7.0	5.7	6.1
DALZ 9604	6.7	7.0	.	1.0	6.0	6.0	6.0	8.7	7.3	5.3	6.0
PST-R7ZM	6.3	6.0	4.7	3.3	6.0	6.7	6.3	8.0	7.0	5.0	5.9
HIMENO	5.7	5.0	4.7	6.3	5.3	6.3	5.7	8.3	6.3	5.0	5.9
PST-R7MA	6.0	5.7	4.0	3.7	6.0	5.7	6.3	7.7	6.7	4.7	5.6
ZENITH	5.3	5.0	4.3	5.3	5.3	6.3	5.3	7.3	6.0	4.0	5.4
PZA 32	5.3	4.0	4.3	4.3	5.7	6.7	6.3	7.0	6.3	4.0	5.4
PZB 33	5.0	3.7	3.7	5.0	5.0	6.7	5.7	7.3	6.3	4.0	5.2
DALZ 0102	4.0	5.0	2.3	5.0	5.3	7.0	5.0	7.0	5.7	4.3	5.1
COMPANION	4.7	2.3	2.7	4.0	5.3	6.0	5.3	6.7	6.3	3.7	4.7
BMZ 230	4.7	4.0	2.7	2.7	4.7	6.0	5.0	6.3	5.0	4.3	4.5
J-37	4.7	2.0	2.7	4.0	5.0	6.3	5.3	5.7	6.0	3.3	4.5
CHINESE COMMON	5.0	1.3	2.7	3.3	5.0	5.7	5.0	6.3	6.3	4.0	4.5
LSD VALUE	1.3	0.8	1.5	2.3	0.6	1.8	0.8	0.8	0.7	0.8	0.4
C.V. (%)	13.3	8.9	19.2	34.4	6.0	18.8	7.9	6.5	6.2	10.3	13.2

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 9B. LEAF TEXTURE RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
2004 DATA

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

NAME	AR1	IL2	IN1	MO1	MS1	NC1	NM1	OK1	SC1	TX1	MEAN
PST-R7ZM	6.3	6.0	4.7	3.3	6.0	6.7	6.3	8.0	7.0	5.0	5.9
PST-R7MA	6.0	5.7	4.0	3.7	6.0	5.7	6.3	7.7	6.7	4.7	5.6
ZENITH	5.3	5.0	4.3	5.3	5.3	6.3	5.3	7.3	6.0	4.0	5.4
PZA 32	5.3	4.0	4.3	4.3	5.7	6.7	6.3	7.0	6.3	4.0	5.4
PZB 33	5.0	3.7	3.7	5.0	5.0	6.7	5.7	7.3	6.3	4.0	5.2
COMPANION	4.7	2.3	2.7	4.0	5.3	6.0	5.3	6.7	6.3	3.7	4.7
J-37	4.7	2.0	2.7	4.0	5.0	6.3	5.3	5.7	6.0	3.3	4.5
CHINESE COMMON	5.0	1.3	2.7	3.3	5.0	5.7	5.0	6.3	6.3	4.0	4.5
LSD VALUE	1.4	1.2	1.5	2.3	0.6	2.2	1.0	1.1	0.7	0.6	0.4
C.V. (%)	15.9	19.6	26.4	35.0	6.5	21.4	11.3	10.1	7.2	8.7	16.7

TABLE 9C. LEAF TEXTURE RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
2004 DATA

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

NAME	AR1	IL2	IN1	MO1	MS1	NC1	NM1	OK1	SC1	TX1	MEAN
DALZ 0101	8.3	9.0	8.7	8.0	8.0	7.3	9.0	9.0	8.7	6.7	8.3
EMERALD	6.7	9.0	8.7	7.7	8.0	6.0	8.7	9.0	9.0	6.0	7.9
ZORRO	8.0	9.0	8.7	7.0	7.7	5.3	8.7	9.0	9.0	6.3	7.9
DALZ 0105	8.7	8.7	.	1.0	7.0	6.0	8.7	9.0	8.0	6.3	7.0
DALZ 0104	7.7	8.7	.	2.7	7.0	5.3	8.0	9.0	8.0	6.3	7.0
MEYER	6.7	7.0	6.0	6.3	6.0	5.0	7.0	9.0	7.3	5.7	6.6
GN-Z	6.7	7.0	.	3.0	6.7	5.7	6.7	8.7	6.7	5.3	6.3
6186	5.7	7.3	.	1.0	6.0	6.3	6.7	9.0	7.0	5.7	6.1
DALZ 9604	6.7	7.0	.	1.0	6.0	6.0	6.0	8.7	7.3	5.3	6.0
HIMENO	5.7	5.0	4.7	6.3	5.3	6.3	5.7	8.3	6.3	5.0	5.9
DALZ 0102	4.0	5.0	2.3	5.0	5.3	7.0	5.0	7.0	5.7	4.3	5.1
BMZ 230	4.7	4.0	2.7	2.7	4.7	6.0	5.0	6.3	5.0	4.3	4.5
LSD VALUE	1.3	0.5	1.4	2.4	0.6	1.6	0.7	0.5	0.7	1.0	0.4
C.V. (%)	11.8	4.0	14.2	34.0	5.8	16.6	5.8	3.9	5.6	10.7	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 10A. SPRING DENSITY RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2004 DATA

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

NAME	FL3	TX1	MEAN
DALZ 0102	6.3	8.0	7.2
DALZ 0101	6.3	7.7	7.0
ZORRO	6.3	7.3	6.8
DALZ 0104	6.3	7.0	6.7
BMZ 230	6.0	7.0	6.5
HIMENO	6.0	7.0	6.5
DALZ 0105	6.0	6.7	6.3
GN-Z	6.3	6.0	6.2
6186	6.0	6.0	6.0
EMERALD	6.0	6.0	6.0
PST-R7MA	5.3	5.7	5.5
ZENITH	5.7	5.3	5.5
PZA 32	4.7	5.7	5.2
COMPANION	5.3	5.0	5.2
CHINESE COMMON	5.7	4.3	5.0
DALZ 9604	6.0	4.0	5.0
J-37	5.7	4.0	4.8
MEYER	4.0	5.7	4.8
PZB 33	4.3	5.3	4.8
PST-R7ZM	4.7	3.3	4.0
LSD VALUE	1.1	1.5	0.9
C.V. (%)	12.1	15.9	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 10B. SPRING DENSITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
2004 DATA

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

NAME	FL3	TX1	MEAN
PST-R7MA	5.3	5.7	5.5
ZENITH	5.7	5.3	5.5
PZA 32	4.7	5.7	5.2
COMPANION	5.3	5.0	5.2
CHINESE COMMON	5.7	4.3	5.0
J-37	5.7	4.0	4.8
PZB 33	4.3	5.3	4.8
PST-R7ZM	4.7	3.3	4.0
LSD VALUE	0.9	1.7	1.0
C.V. (%)	11.2	21.9	17.1

TABLE 10C. SPRING DENSITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
2004 DATA

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

NAME	FL3	TX1	MEAN
DALZ 0102	6.3	8.0	7.2
DALZ 0101	6.3	7.7	7.0
ZORRO	6.3	7.3	6.8
DALZ 0104	6.3	7.0	6.7
BMZ 230	6.0	7.0	6.5
HIMENO	6.0	7.0	6.5
DALZ 0105	6.0	6.7	6.3
GN-Z	6.3	6.0	6.2
6186	6.0	6.0	6.0
EMERALD	6.0	6.0	6.0
DALZ 9604	6.0	4.0	5.0
MEYER	4.0	5.7	4.8
LSD VALUE	1.2	1.3	0.9
C.V. (%)	12.5	12.8	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 11A. SUMMER DENSITY RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2004 DATA

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

NAME	FL3	OK1	TX1	MEAN
DALZ 0101	8.0	9.0	7.7	8.2
ZORRO	8.0	9.0	7.7	8.2
EMERALD	8.0	9.0	6.7	7.9
DALZ 0105	7.0	8.7	7.7	7.8
DALZ 0104	7.0	9.0	7.0	7.7
GN-Z	8.0	8.0	6.7	7.6
DALZ 0102	7.0	7.0	8.0	7.3
DALZ 9604	7.0	8.7	6.0	7.2
HIMENO	6.0	8.0	7.3	7.1
MEYER	5.3	8.0	6.7	6.7
6186	5.7	8.0	6.0	6.6
PST-R7MA	6.0	7.7	5.7	6.4
BMZ 230	6.0	6.3	7.0	6.4
PZA 32	5.0	7.7	6.0	6.2
ZENITH	6.3	7.0	5.3	6.2
PZB 33	5.7	7.3	5.3	6.1
J-37	7.0	6.7	4.3	6.0
COMPANION	5.7	6.7	5.0	5.8
PST-R7ZM	5.3	7.7	3.7	5.6
CHINESE COMMON	5.3	7.0	4.3	5.6
LSD VALUE	1.2	0.7	1.4	0.6
C.V. (%)	11.1	5.7	13.7	10.1

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

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

TABLE 11B. SUMMER DENSITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
2004 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/				
NAME	FL3	OK1	TX1	MEAN
PST-R7MA	6.0	7.7	5.7	6.4
PZA 32	5.0	7.7	6.0	6.2
ZENITH	6.3	7.0	5.3	6.2
PZB 33	5.7	7.3	5.3	6.1
J-37	7.0	6.7	4.3	6.0
COMPANION	5.7	6.7	5.0	5.8
PST-R7ZM	5.3	7.7	3.7	5.6
CHINESE COMMON	5.3	7.0	4.3	5.6
LSD VALUE	1.2	1.0	1.5	0.7
C.V. (%)	13.2	8.5	18.9	13.1

TABLE 11C. SUMMER DENSITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
2004 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/				
NAME	FL3	OK1	TX1	MEAN
DALZ 0101	8.0	9.0	7.7	8.2
ZORRO	8.0	9.0	7.7	8.2
EMERALD	8.0	9.0	6.7	7.9
DALZ 0105	7.0	8.7	7.7	7.8
DALZ 0104	7.0	9.0	7.0	7.7
GN-Z	8.0	8.0	6.7	7.6
DALZ 0102	7.0	7.0	8.0	7.3
DALZ 9604	7.0	8.7	6.0	7.2
HIMENO	6.0	8.0	7.3	7.1
MEYER	5.3	8.0	6.7	6.7
6186	5.7	8.0	6.0	6.6
BMZ 230	6.0	6.3	7.0	6.4
LSD VALUE	1.1	0.5	1.3	0.6
C.V. (%)	9.9	3.5	11.1	8.4

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

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

TABLE 12A. FALL DENSITY RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2004 DATA

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

NAME	AR1	FL3	TX1	TX2	MEAN
ZORRO	7.3	9.0	8.3	8.3	8.3
DALZ 0101	7.7	9.0	7.7	7.0	7.8
DALZ 0105	8.0	9.0	8.0	5.7	7.7
DALZ 0102	5.0	9.0	9.0	7.3	7.6
EMERALD	6.3	9.0	8.0	7.0	7.6
GN-Z	5.3	9.0	8.3	7.3	7.5
DALZ 0104	6.3	9.0	8.0	6.3	7.4
DALZ 9604	5.3	8.7	8.0	7.0	7.3
6186	5.0	8.3	7.3	7.3	7.0
HIMENO	4.3	9.0	8.0	6.7	7.0
ZENITH	4.0	8.7	7.3	6.7	6.7
MEYER	5.7	8.0	7.0	5.7	6.6
BMZ 230	3.0	9.0	7.0	6.7	6.4
PZB 33	4.3	8.3	6.0	6.7	6.3
PZA 32	4.3	8.3	6.3	5.7	6.2
J-37	3.0	8.7	6.3	6.0	6.0
PST-R7MA	4.3	8.3	6.0	5.3	6.0
COMPANION	3.3	9.0	5.3	5.7	5.8
CHINESE COMMON	3.7	8.7	6.0	4.0	5.6
PST-R7ZM	5.0	7.0	4.0	5.7	5.4
LSD VALUE	1.2	0.9	1.1	1.6	0.6
C.V. (%)	14.2	6.7	9.8	15.6	11.2

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

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

TABLE 12B. FALL DENSITY RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
2004 DATA

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

NAME	AR1	FL3	TX1	TX2	MEAN
ZENITH	4.0	8.7	7.3	6.7	6.7
PZB 33	4.3	8.3	6.0	6.7	6.3
PZA 32	4.3	8.3	6.3	5.7	6.2
J-37	3.0	8.7	6.3	6.0	6.0
PST-R7MA	4.3	8.3	6.0	5.3	6.0
COMPANION	3.3	9.0	5.3	5.7	5.8
CHINESE COMMON	3.7	8.7	6.0	4.0	5.6
PST-R7ZM	5.0	7.0	4.0	5.7	5.4
LSD VALUE	0.9	1.3	1.5	1.5	0.7
C.V. (%)	14.4	9.4	16.2	16.4	13.8

TABLE 12C. FALL DENSITY RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
2004 DATA

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

NAME	AR1	FL3	TX1	TX2	MEAN
ZORRO	7.3	9.0	8.3	8.3	8.3
DALZ 0101	7.7	9.0	7.7	7.0	7.8
DALZ 0105	8.0	9.0	8.0	5.7	7.7
DALZ 0102	5.0	9.0	9.0	7.3	7.6
EMERALD	6.3	9.0	8.0	7.0	7.6
GN-Z	5.3	9.0	8.3	7.3	7.5
DALZ 0104	6.3	9.0	8.0	6.3	7.4
DALZ 9604	5.3	8.7	8.0	7.0	7.3
6186	5.0	8.3	7.3	7.3	7.0
HIMENO	4.3	9.0	8.0	6.7	7.0
MEYER	5.7	8.0	7.0	5.7	6.6
BMZ 230	3.0	9.0	7.0	6.7	6.4
LSD VALUE	1.3	0.6	0.7	1.7	0.6
C.V. (%)	13.8	4.2	5.6	15.2	9.8

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

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

TABLE 13A. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2004 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	IL2	MO1	NM1	OK1	TX2	MEAN
DALZ 0102	78.3	97.7	33.3	99.0	99.0	81.5
BMZ 230	62.0	96.0	40.0	98.3	99.0	79.1
J-37	76.3	78.3	46.7	94.3	92.7	77.7
HIMENO	78.3	88.3	23.3	98.0	96.0	76.8
PZB 33	68.3	95.7	23.3	96.3	96.0	75.9
ZENITH	69.0	80.0	33.3	94.7	99.0	75.2
CHINESE COMMON	84.0	73.3	18.3	96.0	96.0	73.5
PZA 32	79.3	68.3	16.7	96.0	95.0	71.1
EMERALD	72.0	80.0	16.7	92.7	85.0	69.3
ZORRO	51.7	56.7	26.7	97.0	99.0	66.2
MEYER	81.3	65.0	10.0	91.0	83.3	66.1
COMPANION	67.0	50.0	16.7	96.7	97.7	65.6
PST-R7MA	57.0	52.7	8.3	94.3	89.7	60.4
DALZ 0101	32.0	61.7	10.0	97.7	99.0	60.1
GN-Z	48.0	25.0	30.0	95.7	96.3	59.0
PST-R7ZM	34.0	36.7	12.7	81.3	91.3	51.2
DALZ 0105	2.3	10.0	20.0	93.0	99.0	44.9
DALZ 9604	1.3	3.3	26.7	89.7	99.0	44.0
DALZ 0104	1.3	5.0	23.3	85.7	99.0	42.9
6186	0.7	3.3	30.0	53.3	99.0	37.3
LSD VALUE	17.0	37.5	13.6	8.5	8.7	9.0
C.V. (%)	20.3	41.4	36.4	5.7	5.7	19.6

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

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

TABLE 13B. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF ZOYSIAGRASS (SEEDING) CULTIVARS 1/  
2004 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	IL2	M01	NM1	OK1	TX2	MEAN
J-37	76.3	78.3	46.7	94.3	92.7	77.7
PZB 33	68.3	95.7	23.3	96.3	96.0	75.9
ZENITH	69.0	80.0	33.3	94.7	99.0	75.2
CHINESE COMMON	84.0	73.3	18.3	96.0	96.0	73.5
PZA 32	79.3	68.3	16.7	96.0	95.0	71.1
COMPANION	67.0	50.0	16.7	96.7	97.7	65.6
PST-R7MA	57.0	52.7	8.3	94.3	89.7	60.4
PST-R7ZM	34.0	36.7	12.7	81.3	91.3	51.2
LSD VALUE	19.6	44.7	15.7	11.2	9.8	10.7
C.V. (%)	18.2	41.5	44.3	7.4	6.4	21.6

TABLE 13C. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
2004 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	IL2	M01	NM1	OK1	TX2	MEAN
DALZ 0102	78.3	97.7	33.3	99.0	99.0	81.5
BMZ 230	62.0	96.0	40.0	98.3	99.0	79.1
HIMENO	78.3	88.3	23.3	98.0	96.0	76.8
EMERALD	72.0	80.0	16.7	92.7	85.0	69.3
ZORRO	51.7	56.7	26.7	97.0	99.0	66.2
MEYER	81.3	65.0	10.0	91.0	83.3	66.1
DALZ 0101	32.0	61.7	10.0	97.7	99.0	60.1
GN-Z	48.0	25.0	30.0	95.7	96.3	59.0
DALZ 0105	2.3	10.0	20.0	93.0	99.0	44.9
DALZ 9604	1.3	3.3	26.7	89.7	99.0	44.0
DALZ 0104	1.3	5.0	23.3	85.7	99.0	42.9
6186	0.7	3.3	30.0	53.3	99.0	37.3
LSD VALUE	15.1	31.8	12.1	6.0	7.9	7.7
C.V. (%)	22.1	40.1	31.0	4.1	5.1	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 14A. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2004 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	IL2	MO1	NC1	NM1	OK1	MEAN
BMZ 230	99.0	99.0	99.0	94.7	98.0	97.9
DALZ 0102	99.0	98.7	91.0	91.7	98.0	95.7
PZB 33	98.3	97.7	96.3	83.3	98.0	94.7
HIMENO	98.7	90.0	94.0	76.7	98.0	91.5
J-37	98.7	88.3	94.3	93.3	78.3	90.6
CHINESE COMMON	97.7	77.3	97.7	81.7	96.3	90.1
ZENITH	98.0	89.0	97.7	70.0	91.7	89.3
PZA 32	95.7	76.7	99.0	73.3	97.7	88.5
EMERALD	96.0	89.3	96.0	58.3	98.0	87.5
ZORRO	98.0	68.3	96.0	73.3	97.7	86.7
COMPANION	95.7	60.0	96.3	76.7	96.7	85.1
DALZ 0101	96.7	71.7	94.3	46.7	97.7	81.4
MEYER	97.0	78.3	93.7	40.0	96.7	81.1
PST-R7MA	92.3	61.3	91.0	60.0	97.3	80.4
GN-Z	92.3	28.3	99.0	81.7	97.7	79.8
PST-R7ZM	65.0	45.0	89.7	53.3	90.3	68.7
DALZ 0104	49.7	1.7	97.7	83.3	97.7	66.0
DALZ 9604	35.3	5.0	99.0	78.3	98.0	63.1
DALZ 0105	29.3	8.3	99.0	73.3	98.0	61.6
6186	12.3	6.7	94.3	88.3	98.0	59.9
LSD VALUE	16.1	33.9	9.8	17.8	6.2	8.6
C.V. (%)	12.2	34.0	6.4	15.0	4.0	14.6

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 14B. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
2004 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	IL2	M01	NC1	NM1	OK1	MEAN
PZB 33	98.3	97.7	96.3	83.3	98.0	94.7
J-37	98.7	88.3	94.3	93.3	78.3	90.6
CHINESE COMMON	97.7	77.3	97.7	81.7	96.3	90.1
ZENITH	98.0	89.0	97.7	70.0	91.7	89.3
PZA 32	95.7	76.7	99.0	73.3	97.7	88.5
COMPANION	95.7	60.0	96.3	76.7	96.7	85.1
PST-R7MA	92.3	61.3	91.0	60.0	97.3	80.4
PST-R7ZM	65.0	45.0	89.7	53.3	90.3	68.7
LSD VALUE	12.2	39.0	10.5	19.5	9.8	9.5
C.V. (%)	8.2	32.5	6.9	16.4	6.5	15.4

TABLE 14C. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
2004 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	IL2	M01	NC1	NM1	OK1	MEAN
BMZ 230	99.0	99.0	99.0	94.7	98.0	97.9
DALZ 0102	99.0	98.7	91.0	91.7	98.0	95.7
HIMENO	98.7	90.0	94.0	76.7	98.0	91.5
EMERALD	96.0	89.3	96.0	58.3	98.0	87.5
ZORRO	98.0	68.3	96.0	73.3	97.7	86.7
DALZ 0101	96.7	71.7	94.3	46.7	97.7	81.4
MEYER	97.0	78.3	93.7	40.0	96.7	81.1
GN-Z	92.3	28.3	99.0	81.7	97.7	79.8
DALZ 0104	49.7	1.7	97.7	83.3	97.7	66.0
DALZ 9604	35.3	5.0	99.0	78.3	98.0	63.1
DALZ 0105	29.3	8.3	99.0	73.3	98.0	61.6
6186	12.3	6.7	94.3	88.3	98.0	59.9
LSD VALUE	18.3	30.1	9.3	16.6	0.8	8.0
C.V. (%)	15.1	34.9	6.0	14.0	0.5	14.0

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

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

TABLE 15A. PERCENT LIVING GROUND COVER (FALL) RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2004 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/						
NAME	IL2	MO1	NC1	NM1	OK1	MEAN
BMZ 230	99.0	98.3	99.0	99.0	99.0	98.9
DALZ 0102	99.0	97.7	97.7	99.0	99.0	98.5
PZB 33	97.0	93.0	99.0	88.3	97.7	95.0
HIMENO	98.7	91.7	99.0	86.3	99.0	94.9
CHINESE COMMON	92.3	89.3	99.0	93.3	98.7	94.5
EMERALD	98.0	89.0	99.0	81.7	99.0	93.3
ZORRO	98.7	71.7	98.3	97.7	98.7	93.0
ZENITH	94.7	83.3	99.0	93.3	92.3	92.5
PZA 32	96.3	75.0	99.0	91.7	99.0	92.2
J-37	93.7	91.7	99.0	94.7	78.3	91.5
COMPANION	97.3	73.3	99.0	88.0	97.3	91.0
MEYER	97.3	86.7	99.0	68.3	97.7	89.8
DALZ 0101	99.0	71.7	99.0	73.3	99.0	88.4
GN-Z	94.0	26.7	99.0	97.7	98.7	83.2
PST-R7MA	80.3	55.7	98.7	81.7	99.0	83.1
PST-R7ZM	79.0	51.7	98.7	73.3	91.0	78.7
DALZ 9604	72.7	2.0	99.0	99.0	99.0	74.3
DALZ 0104	69.0	0.0	99.0	97.7	99.0	72.9
DALZ 0105	52.7	6.7	99.0	96.0	99.0	70.7
6186	43.3	8.3	97.7	99.0	99.0	69.5
LSD VALUE	15.7	27.6	1.3	13.0	6.6	7.0
C.V. (%)	11.1	27.2	0.8	9.0	4.2	11.1

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

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

TABLE 15B. PERCENT LIVING GROUND COVER (FALL) RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
2004 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	IL2	M01	NC1	NM1	OK1	MEAN
PZB 33	97.0	93.0	99.0	88.3	97.7	95.0
CHINESE COMMON	92.3	89.3	99.0	93.3	98.7	94.5
ZENITH	94.7	83.3	99.0	93.3	92.3	92.5
PZA 32	96.3	75.0	99.0	91.7	99.0	92.2
J-37	93.7	91.7	99.0	94.7	78.3	91.5
COMPANION	97.3	73.3	99.0	88.0	97.3	91.0
PST-R7MA	80.3	55.7	98.7	81.7	99.0	83.1
PST-R7ZM	79.0	51.7	98.7	73.3	91.0	78.7
LSD VALUE	8.2	32.5	0.5	14.4	10.3	7.6
C.V. (%)	5.6	26.4	0.3	10.2	6.8	11.7

TABLE 15C. PERCENT LIVING GROUND COVER (FALL) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
2004 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	IL2	M01	NC1	NM1	OK1	MEAN
BMZ 230	99.0	98.3	99.0	99.0	99.0	98.9
DALZ 0102	99.0	97.7	97.7	99.0	99.0	98.5
HIMENO	98.7	91.7	99.0	86.3	99.0	94.9
EMERALD	98.0	89.0	99.0	81.7	99.0	93.3
ZORRO	98.7	71.7	98.3	97.7	98.7	93.0
MEYER	97.3	86.7	99.0	68.3	97.7	89.8
DALZ 0101	99.0	71.7	99.0	73.3	99.0	88.4
GN-Z	94.0	26.7	99.0	97.7	98.7	83.2
DALZ 9604	72.7	2.0	99.0	99.0	99.0	74.3
DALZ 0104	69.0	0.0	99.0	97.7	99.0	72.9
DALZ 0105	52.7	6.7	99.0	96.0	99.0	70.7
6186	43.3	8.3	97.7	99.0	99.0	69.5
LSD VALUE	19.1	23.8	1.6	12.0	0.8	6.6
C.V. (%)	14.0	27.3	1.0	8.2	0.5	10.7

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 16A. FROST TOLERANCE RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2004 DATA

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

NAME	AR1	IL2	MEAN
DALZ 0102	5.0	8.0	6.5
EMERALD	5.3	7.0	6.2
DALZ 0101	6.3	5.3	5.8
GN-Z	5.3	5.3	5.3
ZORRO	4.0	6.0	5.0
PST-R7ZM	3.3	6.3	4.8
COMPANION	2.3	7.0	4.7
PST-R7MA	2.7	6.3	4.5
PZB 33	3.0	6.0	4.5
J-37	2.7	6.0	4.3
6186	2.0	6.0	4.0
ZENITH	2.7	5.3	4.0
BMZ 230	2.0	5.7	3.8
MEYER	2.3	5.0	3.7
PZA 32	2.3	5.0	3.7
CHINESE COMMON	2.0	4.0	3.0
DALZ 0105	2.0	3.7	2.8
DALZ 9604	1.7	2.3	2.0
HIMENO	2.0	2.0	2.0
DALZ 0104	1.7	1.7	1.7
LSD VALUE	1.5	2.0	1.2
C.V. (%)	30.4	23.6	26.3

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 16B. FROST TOLERANCE RATINGS OF ZOYSIAGRASS (SEEDDED) CULTIVARS 1/  
2004 DATA

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

NAME	AR1	IL2	MEAN
PST-R7ZM	3.3	6.3	4.8
COMPANION	2.3	7.0	4.7
PST-R7MA	2.7	6.3	4.5
PZB 33	3.0	6.0	4.5
J-37	2.7	6.0	4.3
ZENITH	2.7	5.3	4.0
PZA 32	2.3	5.0	3.7
CHINESE COMMON	2.0	4.0	3.0
LSD VALUE	1.1	2.3	1.3
C.V. (%)	26.9	25.4	27.4

TABLE 16C. FROST TOLERANCE RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
2004 DATA

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

NAME	AR1	IL2	MEAN
DALZ 0102	5.0	8.0	6.5
EMERALD	5.3	7.0	6.2
DALZ 0101	6.3	5.3	5.8
GN-Z	5.3	5.3	5.3
ZORRO	4.0	6.0	5.0
6186	2.0	6.0	4.0
BMZ 230	2.0	5.7	3.8
MEYER	2.3	5.0	3.7
DALZ 0105	2.0	3.7	2.8
DALZ 9604	1.7	2.3	2.0
HIMENO	2.0	2.0	2.0
DALZ 0104	1.7	1.7	1.7
LSD VALUE	1.7	1.7	1.2
C.V. (%)	31.5	21.5	25.6

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 17A. WINTER COLOR RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2004 DATA

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

NAME	IN1	TX2	MEAN
6186	.	6.0	6.0
DALZ 0104	.	5.7	5.7
EMERALD	5.0	6.0	5.5
DALZ 9604	.	5.3	5.3
DALZ 0101	4.7	5.3	5.0
DALZ 0105	.	5.0	5.0
GN-Z	.	5.0	5.0
ZORRO	4.7	4.0	4.3
BMZ 230	6.7	1.0	3.8
MEYER	3.7	3.0	3.3
J-37	4.7	1.7	3.2
PST-R7ZM	3.7	2.3	3.0
DALZ 0102	3.3	2.3	2.8
PST-R7MA	3.7	2.0	2.8
ZENITH	3.7	2.0	2.8
COMPANION	4.0	1.3	2.7
PZA 32	3.0	2.0	2.5
HIMENO	3.3	1.3	2.3
PZB 33	3.0	1.7	2.3
CHINESE COMMON	3.7	1.0	2.3
LSD VALUE	1.5	1.1	1.0
C.V. (%)	23.6	22.1	23.1

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

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

TABLE 17B. WINTER COLOR RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
2004 DATA

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

NAME	IN1	TX2	MEAN
J-37	4.7	1.7	3.2
PST-R7ZM	3.7	2.3	3.0
PST-R7MA	3.7	2.0	2.8
ZENITH	3.7	2.0	2.8
COMPANION	4.0	1.3	2.7
PZA 32	3.0	2.0	2.5
PZB 33	3.0	1.7	2.3
CHINESE COMMON	3.7	1.0	2.3
LSD VALUE	1.4	1.0	0.9
C.V. (%)	23.0	36.9	27.7

TABLE 17C. WINTER COLOR RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
2004 DATA

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

NAME	IN1	TX2	MEAN
6186	.	6.0	6.0
DALZ 0104	.	5.7	5.7
EMERALD	5.0	6.0	5.5
DALZ 9604	.	5.3	5.3
DALZ 0101	4.7	5.3	5.0
DALZ 0105	.	5.0	5.0
GN-Z	.	5.0	5.0
ZORRO	4.7	4.0	4.3
BMZ 230	6.7	1.0	3.8
MEYER	3.7	3.0	3.3
DALZ 0102	3.3	2.3	2.8
HIMENO	3.3	1.3	2.3
LSD VALUE	1.7	1.2	1.2
C.V. (%)	23.9	17.9	20.5

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 18A. DOLLAR SPOT RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2004 DATA

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

NAME	SC1
BMZ 230	8.3
CHINESE COMMON	8.3
DALZ 0104	8.3
HIMENO	8.3
PST-R7MA	8.3
PST-R7ZM	8.3
PZB 33	8.3
COMPANION	8.0
DALZ 0102	8.0
DALZ 9604	8.0
EMERALD	8.0
J-37	8.0
MEYER	8.0
PZA 32	8.0
ZENITH	8.0
ZORRO	8.0
6186	7.7
GN-Z	7.7
DALZ 0101	6.7
DALZ 0105	4.0
LSD VALUE	1.2
C.V. (%)	9.6

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

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



TABLE 18B. DOLLAR SPOT RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
2004 DATA

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

NAME	SC1
CHINESE COMMON	8.3
PST-R7MA	8.3
PST-R7ZM	8.3
PZB 33	8.3
COMPANION	8.0
J-37	8.0
PZA 32	8.0
ZENITH	8.0
LSD VALUE	0.7
C.V. (%)	5.0

TABLE 18C. DOLLAR SPOT RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
2004 DATA

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

NAME	SC1
BMZ 230	8.3
DALZ 0104	8.3
HIMENO	8.3
DALZ 0102	8.0
DALZ 9604	8.0
EMERALD	8.0
MEYER	8.0
ZORRO	8.0
6186	7.7
GN-Z	7.7
DALZ 0101	6.7
DALZ 0105	4.0
LSD VALUE	1.5
C.V. (%)	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 19A. BROWN PATCH (COOL TEMPERATURE) RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2004 DATA

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

NAME	AR1
6186	7.0
DALZ 0105	5.0
DALZ 9604	5.0
DALZ 0104	4.0
J-37	2.7
ZENITH	2.3
PST-R7MA	1.7
CHINESE COMMON	1.3
COMPANION	1.3
PZA 32	1.3
BMZ 230	1.0
DALZ 0101	1.0
DALZ 0102	1.0
EMERALD	1.0
GN-Z	1.0
HIMENO	1.0
MEYER	1.0
PST-R7ZM	1.0
PZB 33	1.0
ZORRO	1.0
LSD VALUE	1.1
C.V. (%)	33.9

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

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

TABLE 19B. BROWN PATCH (COOL TEMPERATURE) RATINGS OF ZOYSIAGRASS (SEEDING) CULTIVARS 1/  
2004 DATA

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

NAME	AR1
J-37	2.7
ZENITH	2.3
PST-R7MA	1.7
CHINESE COMMON	1.3
COMPANION	1.3
PZA 32	1.3
PST-R7ZM	1.0
PZB 33	1.0
LSD VALUE	1.5
C.V. (%)	59.1

TABLE 19C. BROWN PATCH (COOL TEMPERATURE) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
2004 DATA

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

NAME	AR1
6186	7.0
DALZ 0105	5.0
DALZ 9604	5.0
DALZ 0104	4.0
BMZ 230	1.0
DALZ 0101	1.0
DALZ 0102	1.0
EMERALD	1.0
GN-Z	1.0
HIMENO	1.0
MEYER	1.0
ZORRO	1.0
LSD VALUE	0.8
C.V. (%)	20.7

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. FALL COLOR (SEPTEMBER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2004 DATA

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

NAME	NC1	NM1	TX1	MEAN
DALZ 0101	8.3	7.3	7.3	7.7
EMERALD	8.7	7.0	7.3	7.7
GN-Z	8.3	7.3	7.3	7.7
COMPANION	8.3	7.3	6.7	7.4
ZORRO	8.0	6.7	7.7	7.4
BMZ 230	8.7	6.7	7.0	7.4
PZB 33	8.7	7.0	6.7	7.4
DALZ 0105	8.0	6.7	7.3	7.3
PZA 32	8.7	6.7	6.7	7.3
DALZ 0102	8.7	6.3	6.7	7.2
DALZ 9604	8.3	6.3	7.0	7.2
ZENITH	8.3	7.0	6.3	7.2
DALZ 0104	8.7	6.7	6.3	7.2
CHINESE COMMON	9.0	6.7	5.7	7.1
HIMENO	8.3	7.3	5.7	7.1
6186	8.0	6.3	7.0	7.1
J-37	8.7	7.0	5.7	7.1
PST-R7ZM	8.7	7.0	5.7	7.1
PST-R7MA	8.0	7.3	5.3	6.9
MEYER	8.3	7.7	4.3	6.8
LSD VALUE	1.8	1.0	1.6	0.9
C.V. (%)	13.0	8.6	15.3	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 20B. FALL COLOR (SEPTEMBER) RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
2004 DATA

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

NAME	NC1	NM1	TX1	MEAN
COMPANION	8.3	7.3	6.7	7.4
PZB 33	8.7	7.0	6.7	7.4
PZA 32	8.7	6.7	6.7	7.3
ZENITH	8.3	7.0	6.3	7.2
CHINESE COMMON	9.0	6.7	5.7	7.1
J-37	8.7	7.0	5.7	7.1
PST-R7ZM	8.7	7.0	5.7	7.1
PST-R7MA	8.0	7.3	5.3	6.9
LSD VALUE	1.5	1.0	2.1	0.9
C.V. (%)	11.0	9.2	21.5	13.9

TABLE 20C. FALL COLOR (SEPTEMBER) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
2004 DATA

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

NAME	NC1	NM1	TX1	MEAN
DALZ 0101	8.3	7.3	7.3	7.7
EMERALD	8.7	7.0	7.3	7.7
GN-Z	8.3	7.3	7.3	7.7
ZORRO	8.0	6.7	7.7	7.4
BMZ 230	8.7	6.7	7.0	7.4
DALZ 0105	8.0	6.7	7.3	7.3
DALZ 0102	8.7	6.3	6.7	7.2
DALZ 9604	8.3	6.3	7.0	7.2
DALZ 0104	8.7	6.7	6.3	7.2
HIMENO	8.3	7.3	5.7	7.1
6186	8.0	6.3	7.0	7.1
MEYER	8.3	7.7	4.3	6.8
LSD VALUE	1.9	0.9	1.1	0.8
C.V. (%)	14.2	8.1	10.5	11.8

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

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

TABLE 21A. FALL COLOR (OCTOBER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2004 DATA

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

NAME	FL3	KS1	M01	NM1	TX1	MEAN
DALZ 0101	7.7	6.0	6.0	7.7	7.3	6.9
ZORRO	8.0	6.0	5.3	5.3	7.7	6.5
EMERALD	8.0	4.7	4.7	5.7	7.3	6.1
GN-Z	7.7	4.3	2.7	6.7	7.3	5.7
BMZ 230	6.7	4.3	3.0	6.0	7.0	5.4
DALZ 0102	7.0	4.0	3.7	5.0	6.7	5.3
DALZ 0105	8.3	4.0	1.0	5.0	7.3	5.1
6186	5.7	5.3	2.0	5.3	7.0	5.1
PZA 32	6.3	2.7	4.0	5.3	6.7	5.0
PZB 33	6.0	2.7	3.3	5.3	6.7	4.8
HIMENO	6.3	2.0	3.3	6.3	5.7	4.7
ZENITH	6.7	2.7	3.0	5.0	6.3	4.7
J-37	6.3	3.0	3.3	4.7	5.7	4.6
DALZ 0104	7.7	2.3	1.0	5.3	6.3	4.5
DALZ 9604	6.0	4.7	1.0	4.0	7.0	4.5
COMPANION	5.3	2.0	3.0	5.3	6.7	4.5
PST-R7MA	5.3	2.3	3.3	5.0	5.3	4.3
CHINESE COMMON	5.0	2.3	3.0	4.3	6.0	4.1
PST-R7ZM	4.7	2.0	3.3	5.0	5.7	4.1
MEYER	4.7	2.0	2.0	6.7	4.3	3.9
LSD VALUE	1.6	1.6	1.1	1.0	1.6	0.6
C.V. (%)	15.7	28.6	22.8	11.1	15.1	17.6

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

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

TABLE 21B. FALL COLOR (OCTOBER) RATINGS OF ZOYSIAGRASS (SEEDING) CULTIVARS 1/  
2004 DATA

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

NAME	FL3	KS1	MO1	NM1	TX1	MEAN
PZA 32	6.3	2.7	4.0	5.3	6.7	5.0
PZB 33	6.0	2.7	3.3	5.3	6.7	4.8
ZENITH	6.7	2.7	3.0	5.0	6.3	4.7
J-37	6.3	3.0	3.3	4.7	5.7	4.6
COMPANION	5.3	2.0	3.0	5.3	6.7	4.5
PST-R7MA	5.3	2.3	3.3	5.0	5.3	4.3
CHINESE COMMON	5.0	2.3	3.0	4.3	6.0	4.1
PST-R7ZM	4.7	2.0	3.3	5.0	5.7	4.1
LSD VALUE	1.8	1.1	0.9	1.2	2.1	0.7
C.V. (%)	19.6	27.5	16.4	15.3	21.1	20.4

TABLE 21C. FALL COLOR (OCTOBER) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
2004 DATA

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

NAME	FL3	KS1	MO1	NM1	TX1	MEAN
DALZ 0101	7.7	6.0	6.0	7.7	7.3	6.9
ZORRO	8.0	6.0	5.3	5.3	7.7	6.5
EMERALD	8.0	4.7	4.7	5.7	7.3	6.1
GN-Z	7.7	4.3	2.7	6.7	7.3	5.7
BMZ 230	6.7	4.3	3.0	6.0	7.0	5.4
DALZ 0102	7.0	4.0	3.7	5.0	6.7	5.3
DALZ 0105	8.3	4.0	1.0	5.0	7.3	5.1
6186	5.7	5.3	2.0	5.3	7.0	5.1
HIMENO	6.3	2.0	3.3	6.3	5.7	4.7
DALZ 0104	7.7	2.3	1.0	5.3	6.3	4.5
DALZ 9604	6.0	4.7	1.0	4.0	7.0	4.5
MEYER	4.7	2.0	2.0	6.7	4.3	3.9
LSD VALUE	1.5	1.9	1.3	0.8	1.1	0.6
C.V. (%)	13.5	27.9	26.9	8.2	10.5	15.9

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 22A. FALL COLOR (NOVEMBER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2004 DATA

NAME	FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/									MEAN
	CA3	FL3	GA1	MS1	NC1	NM1	OK1	SC1	TX1	
DALZ 0101	7.0	7.0	9.0	7.0	6.7	7.3	9.0	7.3	6.7	7.4
EMERALD	5.7	6.3	8.7	6.0	7.3	6.7	8.7	7.3	7.0	7.1
DALZ 0105	6.3	7.0	8.0	6.0	6.0	6.7	8.7	7.3	7.3	7.0
DALZ 0104	5.7	6.7	8.0	6.3	6.0	7.0	9.0	7.3	6.7	7.0
6186	6.7	4.7	7.3	7.7	5.3	6.7	9.0	8.0	7.0	6.9
ZORRO	5.3	6.3	8.0	7.0	5.0	6.7	8.3	8.0	7.3	6.9
DALZ 9604	6.0	5.7	6.0	6.7	7.3	6.7	8.0	5.7	7.0	6.6
GN-Z	5.7	6.0	5.0	7.0	5.0	7.0	8.7	6.7	7.0	6.4
BMZ 230	4.7	4.7	6.0	5.7	7.0	5.3	8.0	6.0	5.7	5.9
DALZ 0102	5.3	4.7	6.0	6.3	6.7	5.7	7.3	5.7	5.3	5.9
J-37	3.7	5.0	5.0	5.3	8.3	5.3	5.3	4.7	2.7	5.0
PZA 32	3.7	4.7	6.0	5.0	7.0	5.0	4.3	5.3	3.7	5.0
PZB 33	4.0	4.3	5.0	5.0	7.0	5.0	4.7	5.7	4.0	5.0
ZENITH	4.0	4.7	5.3	5.0	6.7	5.0	4.3	6.0	3.3	4.9
COMPANION	4.0	4.3	5.3	5.0	5.7	5.0	4.3	5.3	5.0	4.9
HIMENO	.	4.7	5.7	3.7	5.3	5.0	4.0	5.3	4.3	4.8
PST-R7ZM	4.0	4.0	5.0	5.0	7.7	5.0	3.3	5.7	3.0	4.7
MEYER	3.3	4.0	6.0	5.0	4.3	5.0	3.7	6.7	4.0	4.7
CHINESE COMMON	3.5	4.0	5.0	5.0	5.3	5.0	3.3	4.7	3.0	4.3
PST-R7MA	3.0	4.0	5.0	5.0	3.7	5.0	3.7	5.0	2.7	4.1
LSD VALUE	1.1	1.1	1.3	0.9	3.1	0.7	1.4	1.7	2.0	0.5
C.V. (%)	13.2	13.1	12.3	9.8	31.1	7.7	14.1	17.3	24.1	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 22B. FALL COLOR (NOVEMBER) RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
2004 DATA

NAME	FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/									MEAN
	CA3	FL3	GA1	MS1	NC1	NM1	OK1	SC1	TX1	
J-37	3.7	5.0	5.0	5.3	8.3	5.3	5.3	4.7	2.7	5.0
PZA 32	3.7	4.7	6.0	5.0	7.0	5.0	4.3	5.3	3.7	5.0
PZB 33	4.0	4.3	5.0	5.0	7.0	5.0	4.7	5.7	4.0	5.0
ZENITH	4.0	4.7	5.3	5.0	6.7	5.0	4.3	6.0	3.3	4.9
COMPANION	4.0	4.3	5.3	5.0	5.7	5.0	4.3	5.3	5.0	4.9
PST-R7ZM	4.0	4.0	5.0	5.0	7.7	5.0	3.3	5.7	3.0	4.7
CHINESE COMMON	3.5	4.0	5.0	5.0	5.3	5.0	3.3	4.7	3.0	4.3
PST-R7MA	3.0	4.0	5.0	5.0	3.7	5.0	3.7	5.0	2.7	4.1
LSD VALUE	1.1	1.0	1.1	0.3	3.3	0.3	1.9	1.9	2.5	0.6
C.V. (%)	15.2	14.8	13.0	4.0	32.1	4.0	27.7	22.2	45.5	23.2

TABLE 22C. FALL COLOR (NOVEMBER) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
2004 DATA

NAME	FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/									MEAN
	CA3	FL3	GA1	MS1	NC1	NM1	OK1	SC1	TX1	
DALZ 0101	7.0	7.0	9.0	7.0	6.7	7.3	9.0	7.3	6.7	7.4
EMERALD	5.7	6.3	8.7	6.0	7.3	6.7	8.7	7.3	7.0	7.1
DALZ 0105	6.3	7.0	8.0	6.0	6.0	6.7	8.7	7.3	7.3	7.0
DALZ 0104	5.7	6.7	8.0	6.3	6.0	7.0	9.0	7.3	6.7	7.0
6186	6.7	4.7	7.3	7.7	5.3	6.7	9.0	8.0	7.0	6.9
ZORRO	5.3	6.3	8.0	7.0	5.0	6.7	8.3	8.0	7.3	6.9
DALZ 9604	6.0	5.7	6.0	6.7	7.3	6.7	8.0	5.7	7.0	6.6
GN-Z	5.7	6.0	5.0	7.0	5.0	7.0	8.7	6.7	7.0	6.4
BMZ 230	4.7	4.7	6.0	5.7	7.0	5.3	8.0	6.0	5.7	5.9
DALZ 0102	5.3	4.7	6.0	6.3	6.7	5.7	7.3	5.7	5.3	5.9
HIMENO	.	4.7	5.7	3.7	5.3	5.0	4.0	5.3	4.3	4.8
MEYER	3.3	4.0	6.0	5.0	4.3	5.0	3.7	6.7	4.0	4.7
LSD VALUE	1.1	1.1	1.4	1.1	2.9	0.9	1.0	1.6	1.6	0.5
C.V. (%)	12.0	12.2	12.0	11.4	30.2	8.8	8.4	14.8	15.5	14.9

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

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

TABLE 23A. FALL COLOR (DECEMBER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2004 DATA

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

NAME	CA3	FL3	NC1	TX1	TX2	MEAN
DALZ 0101	6.0	5.0	5.0	7.0	5.7	5.7
GN-Z	4.3	5.0	2.7	7.3	5.7	5.0
DALZ 9604	1.3	6.0	5.7	6.3	4.3	4.7
6186	4.0	5.0	3.0	6.7	4.7	4.7
DALZ 0105	3.3	4.7	3.3	6.0	5.0	4.5
EMERALD	4.3	3.0	4.3	6.0	4.7	4.5
DALZ 0104	3.3	5.3	4.3	6.7	2.3	4.4
ZORRO	5.0	1.7	2.7	7.0	4.3	4.1
DALZ 0102	3.0	2.0	4.7	3.3	5.3	3.7
BMZ 230	1.3	2.7	4.7	2.7	3.3	2.9
PST-R7ZM	1.0	1.7	6.0	2.0	3.7	2.9
PZA 32	1.0	2.0	5.3	2.7	3.0	2.8
J-37	1.0	2.7	5.3	2.0	2.7	2.7
ZENITH	1.0	2.3	4.0	2.3	3.7	2.7
PZB 33	1.0	1.7	5.0	2.3	3.0	2.6
HIMENO	.	1.7	4.3	1.3	2.7	2.5
COMPANION	1.0	2.0	3.7	2.3	3.3	2.5
MEYER	1.0	1.7	2.7	2.0	3.3	2.1
PST-R7MA	1.0	1.7	2.3	1.7	3.0	1.9
CHINESE COMMON	1.0	1.0	2.7	1.3	2.3	1.7
LSD VALUE	1.0	1.1	3.0	1.5	1.6	0.8
C.V. (%)	24.7	22.4	45.5	22.9	25.9	32.2

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 (DECEMBER) RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
2004 DATA

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

NAME	CA3	FL3	NC1	TX1	TX2	MEAN
PST-R7ZM	1	1.7	6.0	2.0	3.7	2.9
PZA 32	1	2.0	5.3	2.7	3.0	2.8
J-37	1	2.7	5.3	2.0	2.7	2.7
ZENITH	1	2.3	4.0	2.3	3.7	2.7
PZB 33	1	1.7	5.0	2.3	3.0	2.6
COMPANION	1	2.0	3.7	2.3	3.3	2.5
PST-R7MA	1	1.7	2.3	1.7	3.0	1.9
CHINESE COMMON	1	1.0	2.7	1.3	2.3	1.7
LSD VALUE	0	0.7	3.4	1.5	0.9	0.8
C.V. (%)	0	24.3	49.2	44.9	18.7	44.8

TABLE 23C. FALL COLOR (DECEMBER) RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
2004 DATA

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

NAME	CA3	FL3	NC1	TX1	TX2	MEAN
DALZ 0101	6.0	5.0	5.0	7.0	5.7	5.7
GN-Z	4.3	5.0	2.7	7.3	5.7	5.0
DALZ 9604	1.3	6.0	5.7	6.3	4.3	4.7
6186	4.0	5.0	3.0	6.7	4.7	4.7
DALZ 0105	3.3	4.7	3.3	6.0	5.0	4.5
EMERALD	4.3	3.0	4.3	6.0	4.7	4.5
DALZ 0104	3.3	5.3	4.3	6.7	2.3	4.4
ZORRO	5.0	1.7	2.7	7.0	4.3	4.1
DALZ 0102	3.0	2.0	4.7	3.3	5.3	3.7
BMZ 230	1.3	2.7	4.7	2.7	3.3	2.9
HIMENO	.	1.7	4.3	1.3	2.7	2.5
MEYER	1.0	1.7	2.7	2.0	3.3	2.1
LSD VALUE	1.2	1.2	2.7	1.4	1.9	0.8
C.V. (%)	22.0	21.0	42.3	17.0	27.5	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 24A. SEEDHEAD RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2004 DATA

NAME	SEEDHEAD RATINGS 1-9; 9=NONE 2/				MEAN
	AR1	OK1	SC1	TX2	
ZORRO	9.0	8.0	8.7	9.0	8.7
HIMENO	8.7	9.0	8.7	7.7	8.5
DALZ 0105	8.7	8.7	8.7	7.3	8.3
GN-Z	8.3	8.7	9.0	7.3	8.3
6186	8.7	9.0	9.0	6.0	8.2
DALZ 9604	9.0	9.0	8.7	5.7	8.1
DALZ 0102	8.7	8.7	9.0	5.7	8.0
BMZ 230	8.7	7.3	8.7	7.3	8.0
DALZ 0101	8.7	8.0	7.0	8.0	7.9
EMERALD	9.0	8.0	8.0	6.3	7.8
DALZ 0104	9.0	8.3	8.7	2.7	7.2
CHINESE COMMON	8.0	7.0	9.0	3.0	6.8
PZB 33	6.3	4.7	8.7	3.0	5.7
MEYER	4.7	6.3	8.7	2.3	5.5
PZA 32	5.7	4.7	8.3	2.3	5.3
ZENITH	4.7	5.0	8.0	2.7	5.1
PST-R7MA	3.3	4.0	9.0	2.0	4.6
PST-R7ZM	4.0	3.0	8.7	2.7	4.6
J-37	2.7	2.3	8.7	2.0	3.9
COMPANION	2.3	1.3	8.3	2.7	3.7
LSD VALUE	1.2	1.3	0.8	2.3	0.8
C.V. (%)	11.1	12.0	5.8	30.4	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 24B. SEEDHEAD RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
2004 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/

NAME	AR1	OK1	SC1	TX2	MEAN
CHINESE COMMON	8.0	7.0	9.0	3.0	6.8
PZB 33	6.3	4.7	8.7	3.0	5.7
PZA 32	5.7	4.7	8.3	2.3	5.3
ZENITH	4.7	5.0	8.0	2.7	5.1
PST-R7MA	3.3	4.0	9.0	2.0	4.6
PST-R7ZM	4.0	3.0	8.7	2.7	4.6
J-37	2.7	2.3	8.7	2.0	3.9
COMPANION	2.3	1.3	8.3	2.7	3.7
LSD VALUE	1.5	1.8	0.7	1.4	0.7
C.V. (%)	20.2	28.4	5.3	35.0	18.0

TABLE 24C. SEEDHEAD RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
2004 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/

NAME	AR1	OK1	SC1	TX2	MEAN
ZORRO	9.0	8.0	8.7	9.0	8.7
HIMENO	8.7	9.0	8.7	7.7	8.5
DALZ 0105	8.7	8.7	8.7	7.3	8.3
GN-Z	8.3	8.7	9.0	7.3	8.3
6186	8.7	9.0	9.0	6.0	8.2
DALZ 9604	9.0	9.0	8.7	5.7	8.1
DALZ 0102	8.7	8.7	9.0	5.7	8.0
BMZ 230	8.7	7.3	8.7	7.3	8.0
DALZ 0101	8.7	8.0	7.0	8.0	7.9
EMERALD	9.0	8.0	8.0	6.3	7.8
DALZ 0104	9.0	8.3	8.7	2.7	7.2
MEYER	4.7	6.3	8.7	2.3	5.5
LSD VALUE	1.0	0.7	0.8	2.8	0.8
C.V. (%)	7.4	4.9	6.2	27.6	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 25A. SEEDHEAD RATINGS OF ZOYSIAGRASS CULTIVARS  
 AT CARBONDALE, IL 1/  
 2004 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/			
NAME	MAY 1	MAY 28	MEAN
6186	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
HIMENO	9.0	9.0	9.0
DALZ 0101	8.7	9.0	8.8
GN-Z	9.0	8.7	8.8
DALZ 0102	9.0	8.3	8.7
EMERALD	8.3	8.7	8.5
ZORRO	8.3	8.7	8.5
BMZ 230	8.3	8.3	8.3
CHINESE COMMON	8.3	7.0	7.7
PST-R7ZM	7.0	5.7	6.3
PST-R7MA	6.3	4.3	5.3
ZENITH	7.0	3.3	5.2
PZB 33	7.0	3.0	5.0
MEYER	7.0	2.7	4.8
PZA 32	6.7	1.3	4.0
J-37	6.0	1.3	3.7
COMPANION	5.7	1.0	3.3
LSD VALUE	0.7	1.2	0.8
C.V. (%)	5.5	12.8	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 25B. SEEDHEAD RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS  
AT CARBONDALE, IL 1/  
2004 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/

NAME	MAY 1	MAY 28	MEAN
CHINESE COMMON	8.3	7.0	7.7
PST-R7ZM	7.0	5.7	6.3
PST-R7MA	6.3	4.3	5.3
ZENITH	7.0	3.3	5.2
PZB 33	7.0	3.0	5.0
PZA 32	6.7	1.3	4.0
J-37	6.0	1.3	3.7
COMPANION	5.7	1.0	3.3
LSD VALUE	0.7	0.9	0.5
C.V. (%)	6.2	16.5	6.6

TABLE 25C. SEEDHEAD RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS  
AT CARBONDALE, IL 1/  
2004 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/

NAME	MAY 1	MAY 28	MEAN
6186	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
HIMENO	9.0	9.0	9.0
DALZ 0101	8.7	9.0	8.8
GN-Z	9.0	8.7	8.8
DALZ 0102	9.0	8.3	8.7
EMERALD	8.3	8.7	8.5
ZORRO	8.3	8.7	8.5
BMZ 230	8.3	8.3	8.3
MEYER	7.0	2.7	4.8
LSD VALUE	0.8	1.5	1.0
C.V. (%)	5.3	11.0	7.3

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

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

TABLE 26A. SPRING COLOR RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2004 DATA

SPRING COLOR RATINGS 1-9; 9=BEST 2/

NAME	GA1
DALZ 0104	7.3
DALZ 0105	7.0
HIMENO	7.0
6186	6.7
EMERALD	6.3
DALZ 0102	6.0
DALZ 9604	6.0
MEYER	6.0
ZORRO	6.0
PZA 32	5.7
DALZ 0101	5.3
COMPANION	5.0
GN-Z	5.0
PST-R7MA	4.7
PST-R7ZM	4.7
PZB 33	4.7
CHINESE COMMON	4.3
J-37	4.3
ZENITH	4.3
BMZ 230	2.7
LSD VALUE	1.3
C.V. (%)	15.0

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 26B. SPRING COLOR RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
2004 DATA

SPRING COLOR RATINGS 1-9; 9=BEST 2/

NAME	GA1
PZA 32	5.7
COMPANION	5.0
PST-R7MA	4.7
PST-R7ZM	4.7
PZB 33	4.7
CHINESE COMMON	4.3
J-37	4.3
ZENITH	4.3
LSD VALUE	0.9
C.V. (%)	11.5

TABLE 26C. SPRING COLOR RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
2004 DATA

SPRING COLOR RATINGS 1-9; 9=BEST 2/

NAME	GA1
DALZ 0104	7.3
DALZ 0105	7.0
HIMENO	7.0
6186	6.7
EMERALD	6.3
DALZ 0102	6.0
DALZ 9604	6.0
MEYER	6.0
ZORRO	6.0
DALZ 0101	5.3
GN-Z	5.0
BMZ 230	2.7
LSD VALUE	1.6
C.V. (%)	16.2

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

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

TABLE 27A. ZOYSIAGRASS MITE RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2004 DATA

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

NAME	IL2
6186	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
ZORRO	9.0
MEYER	8.7
PZA 32	8.0
ZENITH	7.7
CHINESE COMMON	7.0
PZB 33	6.7
COMPANION	5.7
PST-R7ZM	3.7
PST-R7MA	2.3
BMZ 230	2.0
HIMENO	1.7
LSD VALUE	1.3
C.V. (%)	11.4

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

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

TABLE 27B. ZOYSIAGRASS MITE RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
2004 DATA

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

NAME	IL2
J-37	9.0
PZA 32	8.0
ZENITH	7.7
CHINESE COMMON	7.0
PZB 33	6.7
COMPANION	5.7
PST-R7ZM	3.7
PST-R7MA	2.3
LSD VALUE	1.9
C.V. (%)	18.5

TABLE 27C. ZOYSIAGRASS MITE RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
2004 DATA

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

NAME	IL2
6186	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
ZORRO	9.0
MEYER	8.7
BMZ 230	2.0
HIMENO	1.7
LSD VALUE	0.8
C.V. (%)	6.1

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 28A. ZOYSIA PATCH RATINGS OF ZOYSIAGRASS CULTIVARS 1/  
2004 DATA

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

NAME	IN1
DALZ 0102	9.0
EMERALD	9.0
J-37	9.0
MEYER	9.0
PST-R7ZM	9.0
PZA 32	9.0
ZORRO	9.0
PST-R7MA	7.7
PZB 33	7.7
ZENITH	7.3
BMZ 230	7.0
DALZ 0101	6.7
COMPANION	6.3
CHINESE COMMON	5.0
HIMENO	4.7
LSD VALUE	3.5
C.V. (%)	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 28B. ZOYSIA PATCH RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS 1/  
2004 DATA

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

NAME	IN1
J-37	9.0
PST-R7ZM	9.0
PZA 32	9.0
PST-R7MA	7.7
PZB 33	7.7
ZENITH	7.3
COMPANION	6.3
CHINESE COMMON	5.0
LSD VALUE	3.5
C.V. (%)	28.3

TABLE 28C. ZOYSIA PATCH RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS 1/  
2004 DATA

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

NAME	IN1
DALZ 0102	9.0
EMERALD	9.0
MEYER	9.0
ZORRO	9.0
BMZ 230	7.0
DALZ 0101	6.7
HIMENO	4.7
LSD VALUE	3.6
C.V. (%)	28.7

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 29A. LARGE ZOYSIA PATCH MEASUREMENTS OF ZOYSIAGRASS CULTIVARS  
 STILLWATER, OK 1/  
 2004 DATA

LARGE ZOYSIA PATCH MEASURED IN SQUARE CENTIMETERS 2/

NAME	NOVEMBER 1	NOVEMBER 24	MEAN
DALZ 0101	60.0	552.0	306.0
EMERALD	126.0	377.3	251.7
DALZ 9604	79.3	417.3	248.3
6186	18.7	398.3	208.5
DALZ 0102	21.7	562.0	203.8
ZORRO	67.3	317.7	192.5
GN-Z	71.7	236.0	153.8
PZB 33	36.3	329.5	129.3
COMPANION	27.7	479.0	101.0
J-37	60.3	.	60.3
ZENITH	43.0	.	43.0
DALZ 0105	27.3	47.0	37.2
CHINESE COMMON	34.0	.	34.0
PST-R7MA	33.3	.	33.3
PZA 32	29.7	.	29.7
HIMENO	23.0	.	23.0
MEYER	21.3	.	21.3
PST-R7ZM	10.0	.	10.0
DALZ 0104	11.3	6.0	8.7
BMZ 230	7.3	.	7.3
LSD VALUE	33.6	863.2	236.2
C.V. (%)	51.2	91.4	108.3

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 29B. LARGE ZOYSIA PATCH MEASUREMENTS OF ZOYSIAGRASS (SEEDED) CULTIVARS  
 STILLWATER, OK 1/  
 2004 DATA

LARGE ZOYSIA PATCH MEASURED IN SQUARE CENTIMETERS 2/

NAME	NOVEMBER 1	NOVEMBER 24	MEAN
PZB 33	36.3	329.5	129.3
COMPANION	27.7	479.0	101.0
J-37	60.3	.	60.3
ZENITH	43.0	.	43.0
CHINESE COMMON	34.0	.	34.0
PST-R7MA	33.3	.	33.3
PZA 32	29.7	.	29.7
PST-R7ZM	10.0	.	10.0
LSD VALUE	55.1	.	226.4
C.V. (%)	66.6	.	157.3

TABLE 29C. LARGE ZOYSIA PATCH MEASUREMENTS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS  
 STILLWATER, OK 1/  
 2004 DATA

LARGE ZOYSIA PATCH MEASURED IN SQUARE CENTIMETERS 2/

NAME	NOVEMBER 1	NOVEMBER 24	MEAN
DALZ 0101	60.0	552.0	306.0
EMERALD	126.0	377.3	251.7
DALZ 9604	79.3	417.3	248.3
6186	18.7	398.3	208.5
DALZ 0102	21.7	562.0	203.8
ZORRO	67.3	317.7	192.5
GN-Z	71.7	236.0	153.8
DALZ 0105	27.3	47.0	37.2
HIMENO	23.0	.	23.0
MEYER	21.3	.	21.3
DALZ 0104	11.3	6.0	8.7
BMZ 230	7.3	.	7.3
LSD VALUE	32.5	670.3	264.3
C.V. (%)	45.1	87.2	91.5

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. DOLLAR SPOT RATINGS OF ZOYSIAGRASS CULTIVARS  
 RALEIGH, NC 1/  
 2004 DATA

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

NAME	JUNE	JULY	NOVEMBER	MEAN
6186	9.0	9.0	9.0	9.0
BMZ 230	9.0	9.0	9.0	9.0
CHINESE COMMON	9.0	9.0	9.0	9.0
COMPANION	9.0	9.0	9.0	9.0
DALZ 0102	9.0	9.0	9.0	9.0
DALZ 0104	9.0	9.0	9.0	9.0
DALZ 0105	9.0	9.0	9.0	9.0
DALZ 9604	9.0	9.0	9.0	9.0
EMERALD	9.0	9.0	9.0	9.0
GN-Z	9.0	9.0	9.0	9.0
HIMENO	9.0	9.0	9.0	9.0
J-37	9.0	9.0	9.0	9.0
MEYER	9.0	9.0	9.0	9.0
PST-R7MA	9.0	9.0	9.0	9.0
PST-R7ZM	9.0	9.0	9.0	9.0
PZB 33	9.0	9.0	9.0	9.0
ZORRO	9.0	9.0	9.0	9.0
DALZ 0101	8.7	9.0	8.3	8.7
PZA 32	8.0	8.7	8.7	8.4
ZENITH	8.3	8.3	8.0	8.2
LSD VALUE	1.5	0.9	1.5	1.3
C.V. (%)	5.5	3.3	5.5	4.5

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 30B. DOLLAR SPOT RATINGS OF ZOYSIAGRASS (SEEDED) CULTIVARS  
RALEIGH, NC 1/  
2004 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/				
NAME	JUNE	JULY	NOVEMBER	MEAN
CHINESE COMMON	9.0	9.0	9.0	9.0
COMPANION	9.0	9.0	9.0	9.0
J-37	9.0	9.0	9.0	9.0
PST-R7MA	9.0	9.0	9.0	9.0
PST-R7ZM	9.0	9.0	9.0	9.0
PZB 33	9.0	9.0	9.0	9.0
PZA 32	8.0	8.7	8.7	8.4
ZENITH	8.3	8.3	8.0	8.2
LSD VALUE	1.9	1.2	1.7	1.5
C.V. (%)	8.6	5.3	7.5	6.8

TABLE 30C. DOLLAR SPOT RATINGS OF ZOYSIAGRASS (VEGETATIVE) CULTIVARS  
RALEIGH, NC 1/  
2004 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/				
NAME	JUNE	JULY	NOVEMBER	MEAN
6186	9.0	9	9.0	9.0
BMZ 230	9.0	9	9.0	9.0
DALZ 0102	9.0	9	9.0	9.0
DALZ 0104	9.0	9	9.0	9.0
DALZ 0105	9.0	9	9.0	9.0
DALZ 9604	9.0	9	9.0	9.0
EMERALD	9.0	9	9.0	9.0
GN-Z	9.0	9	9.0	9.0
HIMENO	9.0	9	9.0	9.0
MEYER	9.0	9	9.0	9.0
ZORRO	9.0	9	9.0	9.0
DALZ 0101	8.7	9	8.3	8.7
LSD VALUE	0.4	0	0.9	0.4
C.V. (%)	1.9	0	3.7	1.9

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.

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR ZOYSIAGRASS CULTIVARS  
 IN THE 2002 NATIONAL ZOYSIAGRASS TEST \*/  
 2004 DATA

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

NAME	QUALITY	MAXIMUM
	MEAN 1/	IN TOP 25% 2/
6186	4.9	11.8
BMZ 230	6.0	35.3
CHINESE COMMON	5.1	0.0
COMPANION	5.2	0.0
DALZ 0101	6.7	76.5
DALZ 0102	6.2	23.5
DALZ 0104	5.3	23.5
DALZ 0105	5.0	23.5
DALZ 9604	4.9	11.8
EMERALD	6.9	76.5
GN-Z	5.7	35.3
HIMENO	6.1	41.2
J-37	5.2	5.9
MEYER	5.7	11.8
PST-R7MA	5.4	5.9
PST-R7ZM	5.1	11.8
PZA 32	5.4	0.0
PZB 33	5.5	11.8
ZENITH	5.6	0.0
ZORRO	7.0	88.2
LSD VALUE	0.2	
C.V. (%)	10.2	

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

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

1/ MEAN - AN AVERAGE OF ALL THE TURFGRASS QUALITY RATINGS FROM ALL LOCATIONS.

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