

NATIONAL TURFGRASS EVALUATION PROGRAM

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

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

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

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A Guide to NTEP Turfgrass Ratings

Introduction

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

General Considerations

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

Turfgrass Quality

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

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

Other Ratings

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

2013 NATIONAL ZOYSIAGRASS TEST

LOCATIONS SUBMITTING DATA FOR 2013-14

<u>State</u>	<u>Location</u>	<u>Code</u>
Alabama	Auburn	AL1
Arizona	Tucson (Drought)	AZ1
Arkansas	Fayetteville	AR1
Arkansas	Fayetteville (Traffic)	AR2
California	Riverside	CA3
Florida	Jay	FL3
Florida	Citra	FL4
Georgia	Griffin	GA1
Illinois	Carbondale (Shade)	IL2
Kansas	Manhattan	KS1
Missouri	Columbia	MO1
North Carolina	Raleigh	NC1
North Carolina	Raleigh (Traffic)	NC2
Tennessee	Knoxville	TN1
Texas	College Station	TX2

**2013 NATIONAL ZOYSIAGRASS TEST
Entries and Sponsors**

Entry No	Name	Type	Sponsor
*1	Meyer	Vegetative	Standard Entry
*2	Zeon	Vegetative	Standard Entry
*3	Empire	Vegetative	Standard Entry
4	10-TZ-35	Vegetative	Georgia Seed Development Commission
5	10-TZ-1254	Vegetative	Georgia Seed Development Commission
6	09-TZ-53-20	Vegetative	Georgia Seed Development Commission
7	09-TZ-54-9	Vegetative	Georgia Seed Development Commission
8	GGZ 504	Vegetative	UGA Research Foundation
9	11-TZ-4321	Vegetative	Bladerunner Farms
10	DALZ 1303	Vegetative	Bladerunner Farms
11	CSZ 1105	Vegetative	Texas A&M Agrilife Research
12	CSZ 1109	Vegetative	Texas A&M Agrilife Research
13	FAES 1303	Vegetative	University of Florida
14	FAES 1304	Vegetative	University of Florida
15	FAES 1305	Vegetative	University of Florida
16	FAES 1306	Vegetative	University of Florida
17	FAES 1307	Vegetative	University of Florida
18	FAES 1308	Vegetative	University of Florida
19	FAES 1309	Vegetative	University of Florida
20	FAES 1310	Vegetative	University of Florida
21	FAES 1312	Vegetative	University of Florida
22	FAES 1313	Vegetative	University of Florida
23	FAES 1314	Vegetative	University of Florida
24	FAES 1315	Vegetative	University of Florida
25	FAES 1316	Vegetative	University of Florida
26	FAES 1317	Vegetative	University of Florida
27	FAES 1318	Vegetative	University of Florida
28	FAES 1319	Vegetative	University of Florida
29	FAES 1322	Vegetative	University of Florida
30	FAES 1328	Vegetative	University of Florida
31	FAES 1329	Vegetative	University of Florida
32	DALZ 1301	Vegetative	Texas A&M Agrilife Research Dallas
33	DALZ 1302	Vegetative	Texas A&M Agrilife Research Dallas
34	KSUZ 1201	Vegetative	Texas A&M Agrilife/Kansas State University
*35	A-1	Vegetative	Gene Gro PTY LTD

*** COMMERCIALY AVAILABLE IN THE USA IN 2015**

1/ Due to the unusually harsh winter of 2013, please note that some entries were replanted in spring/summer 2014 at selected locations (see next page).

PLEASE NOTE:

Due to the unusually harsh winter of 2013/2014, some location experienced severe winter injury. This injury, which did not allow all entries sufficient opportunity to fully establish, led NTEP to make the decision to replant some or all entries at selected locations. This unprecedented decision was made after careful consideration and consultation. The following locations requested plant material for replanting, which was accomplished in late spring or summer 2014. Therefore, please consider 2014 data from these locations with these considerations.

Carbondale, IL

THE FOLLOWING ENTRIES WERE REPLANTED IN SPRING 2014:

10-TZ-1254, 9-TZ-53-20, 9-TZ-54-9, GGZ 504, DALZ 1303, CSZ 1105, CSZ 1109, FAES 1303, FAES 1304, FAES 1305, FAES 1306, FAES 1307, FAES 1308, FAES 1309, FAES 1314, FAES 1315, FAES 1316, FAES 1317, FAES 1319, FAES 1322, FAES 1328, DALZ 1302, KSUZ 1201, A1

Knoxville, TN

THE FOLLOWING ENTRIES WERE REPLANTED IN SPRING 2014:

CSZ 1109, FAES 1308, FAES 1309

Griffin, GA

ALL ENTRIES WERE REPLANTED IN SPRING 2014.

W. Lafayette, IN

ALL ENTRIES WERE REPLANTED IN SPRING 2014.

Columbia, MO

ALL ENTRIES EXCEPT THE FOLLOWING TWO WERE REPLANTED IN SPRING 2014:

MEYER, KSUZ 1201

TABLE A.

2014 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN
THE 2007 NATIONAL ZOYSIAGRASS TEST

LOCATION	SOIL TEXTURE	SOIL PH	SOIL PHOSPHOROUS (LBS/ACRE)	SOIL POTASSIUM (LBS/ACRE)	NITROGEN (LBS/1000 SQ FT)	SUN OR SHADE	MOWING HEIGHT (IN)	IRRIGATION PRACTICED
AL1	-	-	-	-	-	-	-	-
AR1	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	1.1-2.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
AR2	SILT LOAM AND SILT	6.6-7.0	61-150	151-240	3.1-4.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
AZ1	-	-	-	-	-	-	-	-
CA3	SANDY LOAM	7.1-7.5	0-60	241-375	2.1-3.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
FL3	-	-	-	-	-	-	-	-
FL4	-	-	-	-	-	-	-	-
GA1	SANDY CLAY LOAM	4.6-5.5	0-60	0-150	1.1-2.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
IL2	SILTY CLAY LOAM	6.1-6.5	0-60	241-375	1.1-2.0	DENSE SHADE	2.6-3.0	TO PREVENT DORMANCY
KS1	-	-	-	-	-	-	-	-
M01	SILT LOAM AND SILT	3.5	0-60	151-240	1.1-2.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
NC1	SILTY CLAY LOAM	6.1-6.5	61-150	0-150	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
NC2	SILTY CLAY LOAM	6.1-6.5	61-150	0-150	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
TN1	SILT LOAM AND SILT	6.1-6.5	0-60	0-150	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
TX2	SAND	8.6+	0-60	0-150	-	FULL SUN	2.6-3.0	TO PREVENT STRESS

TABLE B.

LOCATIONS AND DATA COLLECTED IN 2014

LOCATION	JANUARY QUALITY RATING	FEBRUARY QUALITY RATING	MARCH QUALITY RATING	APRIL QUALITY RATING	MAY QUALITY RATING	JUNE QUALITY RATING	JULY QUALITY RATING	AUGUST QUALITY RATING	SEPTEMBER QUALITY RATING	OCTOBER QUALITY RATING	NOVEMBER QUALITY RATING	DECEMBER QUALITY RATING	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE
AL1					X	X	X	X	X	X			X	X	
AR1					X	X	X	X	X				X	X	X
AR2				X	X		X	X	X	X				X	
AZ1				X	X	X	X	X	X	X			X	X	X
CA3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
FL3								X	X	X			X	X	
FL4						X	X	X	X	X	X	X	X		
GA1							X	X	X	X					
IL2															
KS1					X	X	X	X	X						X
M01				X	X		X	X	X	X			X	X	X
NC1							X	X	X	X	X		X	X	X
NC2															
TN1			X	X	X	X	X	X	X	X	X	X	X		X
TX2				X	X	X	X	X	X	X	X	X	X	X	X

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2014

LOCATION	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR	PERCENT WINTER KILL	DOLLAR SPOT	BROWN PATCH COOL TEMP.	FALL COLOR SEPTEMBER	FALL COLOR OCTOBER	FALL COLOR NOVEMBER	FALL COLOR DECEMBER
AL1														
AR1					X	X		X				X		
AR2										X				
AZ1		X	X											X
CA3	X	X	X	X	X	X	X							
FL3		X	X	X	X									
FL4		X	X	X	X	X	X				X	X	X	X
GA1											X	X		
IL2														
KS1				X	X			X				X		
MO1						X								
NC1		X	X	X	X	X						X	X	
NC2														
TN1				X	X			X	X				X	
TX2													X	

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2014

LOCATION	SEEDHEAD RATINGS	PERCENT ESTABLISHMENT	WINTER DAMAGE	PERCENT ESTABLISHMENT RATING												PERCENT ESTABLISHMENT		
				JUL	AUG	SEP	OCT	NOV	DEC	MAR	APR	MAY	JUN	SPRING	SUMMER	FALL		
AL1			X			X	X					X	X					
AR1																		
* AR2																		
* AZ1																		
CA3																		
FL3						X	X	X	X									
FL4								X	X	X	X							
GA1													X	X		X		
* IL2																		
KS1		X																
MO1														X		X		
NC1						X	X	X										
* NC2																		
TN1	X				X	X	X	X										
TX2					X	X	X				X	X	X					

* MORE DATA FOR AR2, AZ1, IL2 AND NC2 IN TABLE 4, 7, 6 AND 5.

TABLE 1. TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 2014 DATA
 1/
 **/
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	GA1	FL3	FL4	AL1	TN1	MO1	AR1	KS1	MEAN
FAES 1319	5.0	7.0	6.8	6.4	7.0	5.4	6.7	7.0	6.4
FAES 1305	4.3	6.6	6.5	6.0	6.7	5.2	8.1	6.7	6.3
FAES 1304	5.1	6.9	6.2	4.8	7.0	5.2	6.7	6.3	6.0
DALZ 1301	4.1	6.4	6.0	4.9	6.6	5.2	8.1	6.8	6.0
* EMPIRE	5.4	6.5	6.1	6.1	6.7	4.8	5.3	6.4	5.9
* A-1	5.4	6.3	6.2	5.7	6.6	4.8	8.4	3.8	5.9
FAES 1312	4.3	6.4	6.2	5.9	6.4	4.8	6.5	6.3	5.9
DALZ 1302	4.9	6.4	6.1	6.1	6.4	4.9	5.8	6.2	5.8
KSUZ 1201	4.5	6.4	5.5	4.1	6.7	5.2	6.8	7.3	5.8
* ZEON	4.7	6.7	6.1	4.5	6.7	4.9	6.6	5.8	5.7
* MEYER	4.2	6.4	5.3	3.7	6.4	5.4	6.6	7.2	5.6
FAES 1313	4.8	6.5	6.4	5.2	6.5	4.4	7.5	3.8	5.6
10-TZ-35	4.8	6.3	5.7	5.0	6.5	4.7	5.9	6.2	5.6
FAES 1318	4.8	6.6	5.9	4.3	6.6	4.9	6.7	5.1	5.6
FAES 1329	4.2	6.5	6.7	5.4	6.3	4.3	8.0	3.3	5.6
FAES 1317	4.5	6.7	6.3	6.0	6.0	5.0	5.0	4.4	5.5
DALZ 1303	4.9	6.8	6.6	4.8	6.4	4.7	7.7	2.0	5.5
10-TZ-1254	4.2	6.6	5.9	5.1	6.2	4.8	4.5	6.1	5.4
11-TZ-4321	4.8	6.4	5.9	5.0	6.2	4.8	6.1	4.3	5.4
09-TZ-54-9	4.7	6.5	5.9	4.6	6.2	4.9	6.4	4.1	5.4
FAES 1307	3.4	6.6	6.7	5.7	5.9	4.2	5.8	4.6	5.4
FAES 1316	5.8	6.5	6.0	4.8	6.4	4.7	6.4	2.3	5.4
FAES 1315	4.4	6.8	6.3	4.6	6.2	4.7	6.1	3.4	5.3
CSZ 1105	4.4	6.5	6.2	5.6	5.8	4.8	5.3	3.4	5.2
FAES 1314	5.8	6.8	6.0	5.0	6.4	4.7	3.5	3.5	5.2
GGZ 504	4.3	6.4	5.8	4.4	5.9	4.6	5.8	3.7	5.1
FAES 1328	4.1	5.9	5.6	4.8	5.8	4.1	5.7	4.5	5.1
FAES 1310	3.6	6.5	6.6	6.3	5.0	4.6	4.6	1.6	4.8
FAES 1303	3.8	6.5	6.4	5.6	5.1	4.8	5.1	1.4	4.8
09-TZ-53-20	5.1	6.7	5.9	4.8	5.6	5.0	3.5	1.9	4.8
FAES 1306	3.6	6.6	6.4	5.5	5.2	4.6	4.8	1.8	4.8
FAES 1322	4.4	6.5	5.8	3.4	5.9	4.5	6.0	1.8	4.8
CSZ 1109	3.3	6.4	5.9	5.1	4.5	4.9	3.4	1.0	4.3
FAES 1308	3.2	6.1	5.7	5.3	4.3	4.4	2.5	1.1	4.1
FAES 1309	2.9	6.1	5.3	3.9	4.1	3.9	0.9	0.9	3.5
LSD VALUE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
C.V. (%)	13.5	9.2	9.9	11.8	9.9	12.6	10.4	14.4	11.2

*/ COMMERCIALY AVAILABLE IN THE USA IN 2015

**/ ENTRIES WITHIN THIS TABLE ARE ORDERED BY THE OVERALL MEAN AND HAVE SIMILAR TURF QUALITY PERFORMANCES IN ALL TEST LOCATIONS INCLUDED IN THIS LPI GROUP. IF YOUR STATE IS NOT REPRESENTED, THEN CHOOSE A LPI GROUP THAT CONTAINS A LOCATION AND MANAGEMENT SIMILAR TO YOUR PLANTING CONDITIONS. FOR MORE INFORMATION ON LPI, GO TO WWW.NTEP.ORG/LPI_Q&A.PDF

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

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

TABLE 2. TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 2014 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	NC1	TX2	CA3	MEAN
FAES 1307	6.6	7.1	6.3	6.7
FAES 1329	6.7	7.1	6.0	6.6
DALZ 1303	6.2	7.0	6.0	6.4
FAES 1315	6.0	6.8	5.9	6.3
FAES 1319	6.5	6.5	5.7	6.2
FAES 1306	5.2	7.1	6.2	6.2
FAES 1313	6.6	6.4	5.5	6.2
FAES 1310	4.9	7.0	6.0	6.0
FAES 1305	5.8	6.5	5.4	5.9
FAES 1304	6.2	6.2	5.4	5.9
FAES 1322	5.5	6.6	5.6	5.9
ZEON	6.1	6.2	5.4	5.9
FAES 1303	4.7	7.0	5.9	5.9
FAES 1318	5.8	6.1	5.2	5.7
FAES 1312	5.9	6.0	5.1	5.7
FAES 1317	5.4	6.2	5.4	5.7
CSZ 1105	5.3	6.3	5.4	5.7
10-TZ-1254	5.8	5.9	5.2	5.7
FAES 1314	6.3	5.5	5.1	5.6
GGZ 504	5.4	6.1	5.2	5.6
09-TZ-54-9	5.3	6.1	5.2	5.5
DALZ 1301	5.1	6.2	5.1	5.5
FAES 1316	5.8	5.7	4.9	5.4
EMPIRE	6.3	5.3	4.7	5.4
09-TZ-53-20	4.9	6.0	5.3	5.4
11-TZ-4321	5.4	5.8	4.9	5.4
A-1	5.5	5.8	4.7	5.3
FAES 1309	4.3	6.1	5.4	5.3
DALZ 1302	5.7	5.4	4.7	5.3
FAES 1328	5.5	5.5	4.7	5.2
CSZ 1109	3.5	6.6	5.6	5.2
10-TZ-35	5.6	5.3	4.5	5.1
FAES 1308	3.8	6.2	5.3	5.1
KSUZ 1201	5.0	5.4	4.5	5.0
MEYER	4.2	5.5	4.5	4.7
LSD VALUE	1.0	1.0	1.0	1.0
C.V. (%)	10.9	9.7	11.3	10.6

*/ ENTRIES WITHIN THIS TABLE ARE ORDERED BY THE OVERALL MEAN AND HAVE SIMILAR TURF QUALITY PERFORMANCES IN ALL TEST LOCATIONS INCLUDED IN THIS LPI GROUP. IF YOUR STATE IS NOT REPRESENTED, THEN CHOOSE A LPI GROUP THAT CONTAINS A LOCATION AND MANAGEMENT SIMILAR TO YOUR PLANTING CONDITIONS. FOR MORE INFORMATION ON LPI, GO TO WWW.NTEP.ORG/LPI_Q&A.PDF

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

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

TABLE 3. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS
GROWN AT TWO LOCATIONS IN THE U.S. 1/
2013 DATA

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

NAME	MO1	TN1	MEAN
EMPIRE	6.5	6.4	6.5
10-TZ-1254	7.2	5.7	6.4
FAES 1304	6.5	6.3	6.4
FAES 1313	6.8	6.0	6.4
FAES 1319	6.7	6.0	6.3
FAES 1312	6.5	5.8	6.2
FAES 1318	5.8	6.5	6.2
FAES 1329	6.0	6.3	6.2
DALZ 1303	6.0	6.3	6.1
FAES 1315	6.3	5.8	6.1
FAES 1317	6.3	5.8	6.1
FAES 1322	6.2	5.9	6.0
GGZ 504	5.8	6.3	6.0
DALZ 1302	6.2	5.8	6.0
FAES 1314	5.5	6.3	5.9
10-TZ-35	6.2	5.6	5.9
CSZ 1105	5.5	6.2	5.8
FAES 1316	5.3	6.3	5.8
FAES 1328	5.8	5.8	5.8
09-TZ-53-20	6.2	5.3	5.8
FAES 1306	5.8	5.7	5.8
FAES 1305	5.7	5.7	5.7
FAES 1303	5.5	5.8	5.7
FAES 1307	5.8	5.5	5.7
FAES 1310	5.7	5.6	5.6
11-TZ-4321	5.7	5.5	5.6
ZEON	5.5	5.6	5.5
CSZ 1109	5.3	5.4	5.4
DALZ 1301	6.2	4.6	5.4
MEYER	5.5	5.3	5.4
A-1	5.7	5.0	5.3
09-TZ-54-9	5.3	5.3	5.3
FAES 1309	5.5	4.8	5.1
KSUZ 1201	5.3	4.8	5.0
FAES 1308	5.2	4.5	4.8
LSD VALUE	0.8	0.4	0.5
C.V. (%)	8.8	4.6	7.1

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 4. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT FAYETTEVILLE, AR 1/
2014 DATA

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

NAME	SPRING GREENUP	BROWN PATCH COOL TEMP.	APR	MAY	QUALITY RATINGS				MEAN
					JUL	AUG	SEP	OCT	
FAES 1329	5.3	8.3	6.3	6.3	8.3	8.0	8.0	8.0	7.5
FAES 1304	7.0	8.7	6.7	6.0	8.0	8.0	7.3	7.7	7.3
ZEON	3.3	8.7	5.7	5.7	7.7	8.3	7.7	8.7	7.3
CSZ 1105	3.0	8.7	5.3	6.0	7.7	8.3	7.7	7.7	7.1
FAES 1317	7.3	8.7	5.3	6.0	7.0	8.3	7.3	8.0	7.0
FAES 1305	5.7	7.7	5.3	5.7	7.0	7.7	8.0	8.0	6.9
FAES 1307	8.7	9.0	5.3	6.3	7.7	7.7	7.0	7.7	6.9
FAES 1312	4.7	8.3	6.0	6.7	7.0	7.0	7.0	7.0	6.8
FAES 1313	8.3	8.3	5.3	6.0	7.3	7.7	7.3	7.0	6.8
FAES 1328	3.7	9.0	5.7	5.7	7.7	7.0	7.0	7.0	6.7
GGZ 504	5.0	7.3	6.0	5.7	7.0	7.7	7.0	6.7	6.7
MEYER	2.3	7.7	5.7	6.0	8.0	7.7	6.7	6.0	6.7
09-TZ-54-9	6.0	7.7	5.0	5.3	7.3	7.7	7.7	6.3	6.6
FAES 1318	8.3	8.3	5.7	6.0	7.3	7.0	6.7	6.7	6.6
10-TZ-1254	7.3	8.0	5.0	5.3	7.0	7.7	7.0	6.7	6.4
DALZ 1301	4.3	5.3	3.7	5.0	7.0	8.0	8.0	6.7	6.4
EMPIRE	4.3	5.3	6.3	6.7	7.3	6.3	6.3	4.7	6.3
FAES 1306	6.0	8.7	2.3	4.7	7.0	7.7	8.0	8.3	6.3
FAES 1316	6.0	9.0	5.0	5.3	7.0	6.7	7.3	6.7	6.3
FAES 1319	6.7	6.3	5.3	5.3	6.7	7.0	7.0	6.3	6.3
DALZ 1303	7.3	8.3	4.0	5.3	6.7	6.7	6.7	7.7	6.2
FAES 1322	4.3	5.3	5.0	5.7	6.3	7.0	7.0	6.0	6.2
10-TZ-35	5.0	5.7	6.0	6.0	6.7	6.7	6.0	4.7	6.0
DALZ 1302	6.0	6.7	5.3	5.3	6.7	6.7	6.3	5.3	5.9
FAES 1315	5.0	8.0	4.0	4.7	6.0	6.7	7.0	7.0	5.9
11-TZ-4321	3.3	4.7	5.0	5.7	6.3	7.0	5.7	4.7	5.7
KSUZ 1201	6.0	6.7	3.7	4.7	5.0	7.0	6.7	6.3	5.6
A-1	7.0	4.7	3.0	3.7	4.7	6.7	7.7	5.0	5.1
09-TZ-53-20	5.0	6.0	3.0	4.0	5.0	6.7	6.3	4.7	4.9
FAES 1303	6.0	8.0	1.7	3.3	5.0	6.0	6.7	6.7	4.9
FAES 1310	7.0	8.7	1.7	2.3	4.3	6.0	6.7	6.7	4.6
FAES 1308	6.3	8.0	2.0	3.0	3.7	5.3	5.7	7.3	4.5
CSZ 1109	6.7	7.0	2.0	3.3	4.0	5.3	5.3	5.0	4.2
FAES 1314	8.7	9.0	1.7	2.0	3.7	5.0	5.0	5.3	3.8
FAES 1309	5.0	8.7	1.0	1.3	2.3	3.0	3.0	3.3	2.3
LSD VALUE	10.8	2.5	.	1.2	1.2	1.4	1.4	2.1	1.1
C.V. (%)	51.9	18.3	.	15.2	12.5	12.4	12.3	18.5	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 5.

PERCENT LIVING GROUND COVER RATINGS OF ZOYSIAGRASS CULTIVARS 1/
GROWN UNDER TRAFFIC STRESS AT RALEIGH, NC 2/
2014 DATA

NAME	NO TRAFFIC 8_26	TRAFFIC 8_26	TRAFFIC 9_2	TRAFFIC 9_9	TRAFFIC 9_16	TRAFFIC 9_23	TRAFFIC 9_30	TRAFFIC 10_7	TRAFFIC 10_14	TRAFFIC 10_28	TRAFFIC 11_11
FAES 1312	88.3	91.7	90.0	85.0	81.7	78.3	78.3	78.3	70.0	75.0	73.3
FAES 1319	90.0	97.3	94.7	90.0	83.3	78.3	76.7	71.7	63.3	71.7	71.7
FAES 1329	93.3	91.7	86.7	83.3	73.3	68.3	66.7	66.7	65.0	68.3	71.7
FAES 1315	93.3	92.7	89.3	85.0	75.0	68.3	66.7	63.3	61.7	66.7	70.0
FAES 1313	91.0	89.3	86.7	81.7	78.3	73.3	70.0	68.3	61.7	66.7	68.3
FAES 1307	95.7	94.3	93.3	85.0	76.7	68.3	66.7	61.7	56.7	63.3	66.7
10-TZ-1254	85.0	83.3	80.0	76.7	70.0	65.0	61.7	58.3	56.7	63.3	65.0
EMPIRE	94.3	97.3	90.0	88.3	85.0	76.7	73.3	71.7	65.0	70.0	63.3
FAES 1318	95.0	93.3	90.0	86.7	81.7	75.0	73.3	70.0	61.7	65.0	63.3
09-TZ-54-9	85.0	81.7	80.0	76.7	70.0	65.0	58.3	58.3	53.3	58.3	61.7
A-1	91.7	91.3	88.3	83.3	80.0	71.7	68.3	66.7	61.7	63.3	61.7
FAES 1304	90.0	91.7	91.7	86.7	81.7	73.3	71.7	65.0	58.3	61.7	61.7
FAES 1322	95.0	88.3	88.3	83.3	80.0	73.3	68.3	65.0	58.3	60.0	61.7
10-TZ-35	90.0	93.3	91.7	88.3	83.3	75.0	75.0	68.3	61.7	63.3	60.0
FAES 1305	78.3	85.0	83.3	78.3	71.7	71.7	71.7	65.0	58.3	60.0	60.0
ZEON	91.7	92.7	88.3	83.3	76.7	65.0	63.3	61.7	56.7	58.3	58.3
DALZ 1302	88.3	97.7	96.3	90.0	81.7	73.3	68.3	65.0	60.0	61.7	56.7
FAES 1328	88.3	91.0	86.7	83.3	80.0	71.7	70.0	63.3	56.7	58.3	55.0
09-TZ-53-20	80.0	83.3	80.0	78.3	70.0	61.7	58.3	56.7	53.3	55.0	53.3
DALZ 1301	86.7	81.7	76.7	70.0	65.0	60.0	58.3	58.3	53.3	51.7	53.3
DALZ 1303	91.7	91.7	86.7	80.0	71.7	65.0	61.7	58.3	53.3	53.3	53.3
FAES 1317	86.7	78.3	75.0	71.7	68.3	55.0	50.0	46.7	46.7	46.7	51.7
GGZ 504	86.7	88.3	85.0	80.0	71.7	61.7	56.7	56.7	51.7	51.7	51.7
11-TZ-4321	90.0	91.7	88.3	85.0	81.7	73.3	71.7	66.7	56.7	51.7	46.7
FAES 1316	90.0	86.7	80.0	75.0	68.3	56.7	55.0	55.0	48.3	50.0	46.7
FAES 1309	76.7	75.0	66.7	61.7	53.3	50.0	46.7	45.0	38.3	40.0	43.3
FAES 1314	88.3	86.7	81.7	73.3	63.3	53.3	50.0	45.0	41.7	41.7	41.7
CSZ 1105	81.7	78.3	73.3	66.7	58.3	50.0	48.3	45.0	40.0	38.3	40.0
FAES 1306	75.0	85.0	78.3	70.0	60.0	56.7	51.7	48.3	41.7	38.3	40.0
MEYER	81.7	73.3	70.0	65.0	56.7	45.0	45.0	45.0	40.0	41.7	40.0
KSUZ 1201	83.3	76.7	71.7	68.3	61.7	53.3	53.3	50.0	43.3	41.7	38.3
FAES 1308	58.3	65.0	58.3	53.3	50.0	41.7	40.0	41.7	36.7	35.0	35.0
FAES 1310	86.7	75.0	70.0	63.3	56.7	50.0	46.7	41.7	35.0	33.3	35.0
FAES 1303	78.3	78.3	70.0	61.7	51.7	43.3	38.3	35.0	28.3	30.0	31.7
CSZ 1109	30.0	36.7	30.0	26.7	23.3	18.3	18.3	16.7	15.0	16.7	20.0
LSD VALUE	10.4	12.1	13.4	11.6	12.7	13.3	14.1	13.1	13.6	14.1	13.8
C.V. (%)	8.0	9.1	10.5	9.9	11.8	13.6	15.0	14.6	16.6	16.8	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 6. PERCENT GROUND LIVING COVER RATINGS OF ZOYSIAGRASS CULTIVARS
GROWN UNDER SHADE AT CARBONDALE, IL 1/ 3/
2014 DATA

NAME	MAY	JUN	AUG	SEP	OCT
ZEON	12.0	12.3	14.3	21.3	20.3
FAES 1312	12.0	14.3	15.0	21.0	18.3
FAES 1329	12.0	18.3	16.7	23.3	18.0
FAES 1313	11.7	16.3	16.7	23.0	17.0
FAES 1318	8.0	12.0	14.0	17.0	16.7
FAES 1308	12.0	12.7	14.7	17.7	16.3
DALZ 1301	12.0	11.7	11.7	12.7	15.7
FAES 1306	12.0	13.3	14.0	16.7	15.0
CSZ 1109	12.0	13.7	12.3	14.3	14.7
A-1	12.0	12.0	13.3	14.7	14.3
10-TZ-1254	12.0	12.0	13.3	17.7	14.0
FAES 1307	12.0	12.7	14.0	15.7	14.0
FAES 1316	10.7	11.3	13.3	15.3	14.0
FAES 1319	12.0	11.7	12.0	16.3	14.0
FAES 1304	12.0	12.0	13.7	17.0	13.7
FAES 1310	11.7	12.7	12.0	16.0	13.7
DALZ 1302	11.3	11.0	11.7	15.3	13.3
EMPIRE	12.0	15.0	15.0	19.0	13.3
FAES 1314	12.0	11.7	11.0	20.3	12.7
FAES 1303	12.0	12.0	10.0	10.3	12.3
10-TZ-35	12.0	12.0	13.0	19.3	12.0
FAES 1305	11.3	10.7	11.3	12.0	12.0
MEYER	11.7	11.3	11.3	14.0	12.0
09-TZ-54-9	10.0	12.0	11.7	11.3	11.7
FAES 1309	10.7	11.3	11.0	12.3	11.7
FAES 1322	11.0	10.7	10.3	10.7	11.7
CSZ 1105	11.3	11.7	11.0	12.3	11.0
DALZ 1303	12.0	11.3	10.3	10.0	11.0
FAES 1315	11.7	10.7	11.3	11.7	11.0
FAES 1328	11.3	11.0	11.3	9.0	11.0
09-TZ-53-20	10.0	10.0	10.3	12.3	10.7
FAES 1317	12.0	12.0	10.3	10.7	10.3
KSUZ 1201	12.0	12.0	10.7	10.0	10.0
11-TZ-4321	12.0	10.3	10.7	10.7	7.0
GGZ 504	11.3	10.7	8.7	5.3	5.7
LSD VALUE	3.6	3.3	5.0	8.2	4.9
C.V. (%)	11.0	14.6	19.1	30.0	21.3

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ DUE TO THE UNUSUALLY HARSH WINTER OF 2013, THE FOLLOWING ENTRIES WERE REPLANTED IN SPRING 2014:
10-TZ-1254, 9-TZ-53-20, 9-TZ-54-9, GGZ 504, DALZ 1303, CSZ 1105, CSZ 1109, FAES 1303, FAES 1304, FAES 1305, FAES 1306, FAES 1307, FAES 1308, FAES 1309, FAES 1314, FAES 1315, FAES 1316, FAES 1317, FAES 1319, FAES 1322, FAES 1328, DALZ 1302, KSUZ 1201, A1

TABLE 7.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
GROWN UNDER DROUGHT STRESS AT TUCSON, AZ 1/
2014 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	DENSITY SUMMER	DENSITY FALL	FALL COLOR NOVEMBER	APR	MAY	QUALITY RATINGS					MEAN
									JUN	JUL	AUG	SEP	OCT	
DALZ 1303	6.0	2.7	7.3	8.3	8.3	7.0	5.7	7.7	8.3	7.7	8.0	8.3	8.0	7.7
FAES 1310	5.3	1.3	8.0	8.7	8.3	5.3	6.0	6.7	7.3	8.0	8.0	8.0	7.3	7.3
FAES 1306	5.7	1.3	8.7	8.7	9.0	5.3	5.0	7.0	7.3	7.7	8.0	8.0	7.3	7.2
09-TZ-53-20	7.7	5.3	5.7	7.3	7.3	8.7	5.7	6.3	7.3	7.0	7.0	7.7	8.0	7.0
FAES 1303	5.7	1.0	8.3	8.3	8.3	4.7	5.3	6.7	7.3	7.3	7.7	7.3	6.7	6.9
FAES 1307	6.0	3.0	6.3	7.0	7.3	8.3	5.7	6.7	6.7	7.3	7.0	7.3	7.3	6.9
FAES 1329	6.3	2.0	6.3	7.7	7.7	7.7	5.3	6.3	7.0	7.0	7.0	7.3	7.7	6.8
FAES 1308	5.3	1.0	9.0	8.7	8.3	4.0	5.0	6.7	7.0	7.0	7.3	7.3	6.7	6.7
FAES 1313	5.7	4.3	7.3	7.0	7.7	7.0	5.3	6.3	7.3	6.3	6.7	7.3	7.3	6.7
FAES 1319	6.7	8.0	5.3	7.0	6.7	8.3	5.0	6.3	6.7	6.7	7.0	7.7	7.3	6.7
FAES 1314	7.0	4.7	5.7	6.0	6.7	7.3	5.3	7.0	6.3	6.7	6.7	7.0	7.0	6.6
09-TZ-54-9	6.7	6.3	5.3	6.3	7.0	7.7	5.0	6.0	7.0	6.7	6.7	7.0	7.3	6.5
FAES 1322	5.7	2.7	5.7	6.7	7.3	6.7	5.0	6.3	7.0	6.7	6.7	7.0	7.0	6.5
CSZ 1109	5.3	1.3	8.3	8.0	8.3	5.7	5.3	6.7	6.3	6.7	6.3	6.7	7.0	6.4
FAES 1315	5.7	3.3	7.0	7.3	7.3	7.7	4.7	5.7	7.0	7.0	7.0	7.0	6.7	6.4
FAES 1309	6.3	5.0	7.0	7.7	8.0	7.0	4.7	6.3	6.7	6.7	6.3	6.7	7.0	6.3
FAES 1328	6.7	4.7	5.7	6.3	6.0	6.7	5.3	6.0	6.7	7.0	6.7	6.7	6.0	6.3
ZEON	4.3	6.0	8.0	8.0	8.3	7.0	5.3	6.0	6.7	6.3	6.0	6.7	7.3	6.3
A-1	5.3	3.0	8.3	7.3	8.3	6.7	5.3	6.0	6.7	6.0	6.3	6.0	7.0	6.2
FAES 1304	6.0	6.3	5.3	6.7	7.0	8.3	5.0	6.0	6.7	5.7	5.7	7.0	7.7	6.2
FAES 1317	7.3	2.7	5.3	6.7	7.3	7.0	4.3	5.7	6.7	6.7	6.3	6.7	6.7	6.1
CSZ 1105	4.3	2.3	6.3	6.3	7.0	7.0	4.7	6.0	6.7	6.0	5.7	6.7	6.7	6.0
FAES 1305	4.7	5.0	8.3	8.3	8.0	6.3	5.0	6.0	6.0	6.0	5.7	6.7	7.0	6.0
EMPIRE	7.0	5.0	3.7	5.0	5.7	8.0	5.0	5.7	6.3	5.7	5.7	6.3	6.3	5.9
FAES 1316	6.7	5.3	5.3	6.3	6.0	7.3	4.3	5.3	6.3	6.0	6.3	6.7	6.3	5.9
DALZ 1301	5.0	5.7	7.7	7.0	7.3	7.0	4.3	5.7	6.3	5.7	5.0	6.3	7.0	5.8
FAES 1312	6.0	6.3	5.0	6.0	6.0	7.7	4.3	5.7	6.3	6.0	5.3	6.0	6.7	5.8
FAES 1318	5.7	6.3	5.3	5.7	6.7	7.3	5.3	5.7	5.3	5.7	5.7	6.0	6.0	5.7
MEYER	6.0	5.3	6.0	5.7	6.7	6.7	4.7	5.3	6.0	5.7	5.3	6.3	6.7	5.7
KSUZ 1201	6.3	6.0	6.0	6.3	6.3	6.3	4.3	6.0	5.7	5.7	5.7	5.7	6.3	5.6
10-TZ-1254	6.0	5.7	4.7	5.7	6.0	7.7	4.7	5.0	5.7	5.3	5.0	5.7	6.3	5.4
11-TZ-4321	5.7	4.3	4.3	5.0	6.0	7.3	4.3	5.0	5.7	5.3	5.0	6.0	6.3	5.4
10-TZ-35	5.7	5.0	3.7	5.3	5.3	7.7	3.7	5.3	5.3	5.0	5.0	5.7	5.7	5.1
DALZ 1302	4.7	5.3	3.3	4.7	5.7	6.3	4.0	5.3	5.0	5.0	4.7	6.0	5.7	5.1
GGZ 504	6.0	2.0	5.3	6.0	6.0	6.3	4.0	4.0	5.3	5.0	5.0	5.7	6.0	5.0
LSD VALUE	1.5	1.6	0.8	0.9	0.9	1.1	1.0	1.0	1.1	1.0	1.3	1.0	1.2	0.7
C.V. (%)	13.6	25.8	8.8	8.7	8.2	10.1	11.1	10.3	10.2	9.7	12.7	8.9	9.4	7.1

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 8. GENETIC COLOR RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2014 DATA

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

NAME	AL1	AR1	CA3	FL3	FL4	MO1	NC1	TN1	TX2	MEAN
A-1	8.7	8.0	6.3	7.0	6.7	7.7	8.0	7.7	8.0	7.6
FAES 1329	6.7	8.0	6.7	7.3	7.7	7.0	8.3	8.3	7.7	7.5
KSUZ 1201	8.0	8.0	7.3	7.3	7.7	6.3	8.0	7.3	7.7	7.5
FAES 1314	6.7	7.7	6.3	6.7	7.3	7.7	8.0	8.3	8.7	7.5
FAES 1304	7.0	7.3	6.3	7.0	6.3	8.0	8.0	8.0	8.3	7.4
FAES 1316	7.3	6.7	6.0	6.7	7.7	7.3	7.7	8.0	8.3	7.3
11-TZ-4321	7.0	6.3	7.0	7.3	7.3	7.0	8.0	7.7	8.0	7.3
FAES 1319	6.3	5.3	7.3	7.3	7.7	7.3	8.0	8.3	7.3	7.2
DALZ 1301	8.0	7.3	6.7	7.0	7.3	5.7	7.7	7.7	7.0	7.1
FAES 1303	6.0	7.7	7.0	7.0	6.3	7.7	7.7	8.0	7.0	7.1
CSZ 1109	8.0	7.0	7.0	7.0	7.0	6.7	8.3	6.0	7.0	7.1
FAES 1310	6.0	7.3	6.3	7.3	7.0	7.0	8.0	8.0	7.0	7.1
FAES 1317	5.7	5.0	6.7	7.0	7.7	7.7	8.3	8.0	8.0	7.1
FAES 1313	6.0	7.3	6.3	6.7	7.7	6.0	7.7	7.7	8.0	7.0
FAES 1312	5.7	5.7	6.7	7.0	7.3	6.3	8.0	8.0	8.3	7.0
FAES 1305	6.3	7.3	6.3	7.0	7.0	6.0	8.0	8.0	7.0	7.0
FAES 1306	6.0	7.0	6.3	6.7	7.0	6.7	8.0	7.7	7.3	7.0
GGZ 504	6.3	6.0	7.0	6.3	6.7	7.3	7.7	8.0	7.3	7.0
MEYER	6.7	6.7	6.3	6.3	6.7	5.3	8.0	8.0	8.3	6.9
09-TZ-54-9	4.7	7.0	6.3	6.3	7.0	7.3	8.0	8.0	7.3	6.9
FAES 1328	6.0	6.0	7.3	7.0	7.3	6.0	8.0	7.0	7.3	6.9
CSZ 1105	5.7	6.0	7.0	6.3	7.0	6.3	7.3	8.0	7.7	6.8
FAES 1315	5.3	6.7	6.7	7.0	7.0	7.3	7.0	7.7	6.7	6.8
09-TZ-53-20	4.7	6.3	6.7	7.3	7.3	6.7	8.0	7.0	7.0	6.8
FAES 1308	6.3	7.0	7.0	7.7	6.7	7.3	8.0	4.3	6.7	6.8
FAES 1318	5.0	6.7	6.0	7.3	7.0	6.7	7.0	7.3	7.0	6.7
10-TZ-1254	5.7	5.0	6.3	7.0	7.0	6.7	7.7	7.3	7.0	6.6
FAES 1322	3.7	6.0	7.3	7.0	7.3	6.0	6.7	8.0	7.7	6.6
ZEON	6.3	5.7	5.7	5.7	6.7	6.7	7.0	8.0	7.3	6.6
10-TZ-35	6.0	4.3	6.0	6.7	7.0	7.0	7.3	7.3	6.7	6.5
DALZ 1303	4.7	6.7	6.0	6.0	7.7	6.3	6.3	8.0	6.7	6.5
EMPIRE	6.3	4.7	6.3	7.0	6.3	6.3	6.7	8.0	6.0	6.4
FAES 1307	5.0	6.0	6.3	6.0	6.7	6.3	7.0	7.3	6.7	6.4
FAES 1309	5.7	6.0	6.0	7.0	7.0	6.7	7.7	4.0	7.0	6.3
DALZ 1302	5.0	4.7	7.0	6.3	7.3	6.3	7.0	7.7	5.7	6.3
LSD VALUE	1.5	1.2	1.0	1.1	1.1	1.2	0.7	0.7	1.3	0.4
C.V. (%)	15.4	11.9	9.5	10.3	9.5	11.1	5.8	5.6	11.1	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 9. SPRING GREENUP RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2014 DATA

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

NAME	AL1	AR1	CA3	FL3	MO1	NC1	TX2	MEAN
FAES 1305	8.0	8.0	6.7	6.3	2.7	3.0	7.0	6.0
A-1	8.7	8.0	4.0	6.3	1.0	3.7	7.0	5.5
FAES 1312	7.0	6.0	7.0	6.7	2.0	3.0	5.7	5.3
MEYER	5.3	6.0	6.0	5.7	6.0	2.0	5.3	5.2
FAES 1319	5.3	7.0	8.0	7.3	2.3	2.3	3.7	5.1
DALZ 1301	5.7	7.0	4.7	5.3	4.0	2.7	6.0	5.0
FAES 1304	6.0	5.3	5.0	7.3	1.0	3.7	6.7	5.0
FAES 1328	7.0	4.3	5.0	6.0	2.0	3.0	6.7	4.9
DALZ 1302	5.7	6.7	6.7	5.3	1.0	3.0	5.3	4.8
FAES 1318	5.3	6.7	5.3	5.7	1.7	3.3	5.3	4.8
KSUZ 1201	6.3	7.7	4.3	2.7	3.3	1.7	6.7	4.7
FAES 1313	5.3	4.7	6.3	7.0	1.7	2.0	4.3	4.5
11-TZ-4321	5.3	4.7	4.3	4.7	2.3	2.3	7.3	4.4
FAES 1329	4.7	4.0	7.0	6.3	1.3	3.3	4.3	4.4
09-TZ-54-9	5.3	3.7	3.7	6.7	1.0	3.7	6.7	4.4
10-TZ-1254	4.0	6.0	5.0	7.0	1.0	1.7	5.7	4.3
FAES 1316	5.0	4.3	6.7	6.0	1.3	2.3	4.7	4.3
10-TZ-35	6.0	6.7	4.7	4.3	1.0	2.7	4.7	4.3
DALZ 1303	5.3	5.0	6.0	6.0	1.3	3.0	3.3	4.3
ZEON	4.7	5.7	5.3	4.3	1.0	2.7	6.3	4.3
EMPIRE	5.0	7.0	4.7	3.3	1.7	2.3	5.0	4.1
FAES 1307	4.7	2.3	7.3	7.0	1.0	2.0	4.7	4.1
FAES 1317	5.3	4.3	5.7	4.7	1.3	3.3	3.3	4.0
FAES 1315	2.7	3.3	7.0	4.3	2.0	1.7	6.0	3.9
09-TZ-53-20	3.0	1.3	5.0	7.3	1.0	2.3	7.0	3.9
GGZ 504	4.3	4.7	5.7	5.0	2.0	2.0	3.0	3.8
FAES 1322	3.0	3.3	5.0	6.3	1.3	2.3	4.3	3.7
FAES 1314	3.3	1.3	5.3	5.7	2.0	1.0	5.3	3.4
FAES 1309	1.7	1.0	5.3	5.7	1.0	1.7	6.3	3.2
FAES 1306	2.0	1.0	6.7	5.0	2.0	1.0	2.0	2.8
FAES 1303	2.7	1.7	7.0	4.0	1.0	1.0	2.3	2.8
CSZ 1105	3.3	2.7	6.3	2.3	1.7	1.0	2.0	2.8
FAES 1308	2.3	1.0	4.7	4.0	1.3	1.3	4.0	2.7
FAES 1310	3.3	1.0	5.3	3.7	1.3	1.0	2.7	2.6
CSZ 1109	3.0	1.3	4.3	3.7	1.3	1.0	2.7	2.5
LSD VALUE	1.8	1.8	1.7	1.9	1.4	1.0	1.6	0.6
C.V. (%)	24.1	25.9	18.8	21.3	49.8	26.3	20.3	24.3

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 10. LEAF TEXTURE RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2014 DATA

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

NAME	AR1	KS1	MO1	NC1	TN1	TX2	MEAN
A-1	9.0	9.0	7.7	9.0	3.0	8.3	7.7
FAES 1305	9.0	9.0	7.7	9.0	3.0	7.3	7.5
ZEON	9.0	9.0	7.7	9.0	2.3	8.0	7.5
FAES 1310	8.7	9.0	8.0	8.0	2.7	8.0	7.4
FAES 1308	8.3	9.0	8.0	9.0	2.0	7.7	7.3
FAES 1303	8.3	8.5	8.0	8.0	2.7	8.0	7.3
FAES 1306	8.3	9.0	7.7	8.0	2.3	8.0	7.2
CSZ 1109	8.3	.	8.0	8.7	2.7	8.0	7.1
DALZ 1301	8.7	8.0	7.0	8.3	2.7	7.7	7.1
DALZ 1303	8.3	8.7	7.0	8.0	2.7	7.7	7.1
FAES 1329	8.0	8.0	7.3	8.0	3.0	7.3	6.9
FAES 1309	8.3	.	7.3	8.0	2.3	7.7	6.7
CSZ 1105	7.3	7.3	7.3	8.0	3.0	7.3	6.7
FAES 1313	7.3	7.3	7.3	8.0	3.0	7.3	6.7
09-TZ-53-20	7.0	7.0	6.3	8.0	2.7	8.0	6.5
FAES 1315	7.7	7.3	7.0	7.3	2.7	7.0	6.5
FAES 1307	7.3	7.0	6.0	7.3	3.0	7.0	6.3
KSUZ 1201	7.0	7.0	6.0	8.0	3.3	6.3	6.3
FAES 1322	7.0	7.0	6.0	7.0	3.0	6.7	6.1
MEYER	7.0	6.3	6.3	7.0	3.3	6.7	6.1
FAES 1312	6.3	6.0	6.0	6.7	3.7	7.3	6.0
FAES 1314	6.3	6.0	6.3	7.0	3.0	7.3	6.0
FAES 1318	7.0	5.7	6.7	7.0	3.0	6.3	5.9
FAES 1304	6.0	6.7	5.7	7.0	3.0	7.0	5.9
FAES 1319	6.7	6.3	6.0	7.0	3.0	6.0	5.8
GGZ 504	6.0	6.3	6.0	7.0	3.0	6.7	5.8
FAES 1316	6.7	6.0	5.7	7.0	3.0	6.3	5.8
FAES 1317	6.3	6.3	5.7	7.0	2.7	6.7	5.8
09-TZ-54-9	6.7	5.3	5.3	7.0	3.3	6.7	5.7
10-TZ-1254	6.0	5.3	5.0	6.7	3.7	5.7	5.4
FAES 1328	6.0	4.7	5.7	7.0	3.0	6.0	5.4
11-TZ-4321	5.7	5.3	5.3	7.0	3.7	5.0	5.3
10-TZ-35	4.7	5.0	5.0	6.0	4.0	6.0	5.1
EMPIRE	5.0	4.7	5.7	6.0	4.3	4.7	5.1
DALZ 1302	5.0	5.0	5.0	6.0	4.7	4.3	5.0
LSD VALUE	0.8	0.8	1.1	0.4	0.8	1.1	0.4
C.V. (%)	6.5	6.5	10.8	3.2	17.0	9.9	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 11. SPRING DENSITY RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2014 DATA

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

NAME	CA3
FAES 1303	7.7
FAES 1315	7.3
FAES 1306	6.7
FAES 1307	6.3
DALZ 1303	6.0
FAES 1310	6.0
FAES 1313	6.0
ZEON	6.0
09-TZ-53-20	5.7
FAES 1305	5.7
FAES 1308	5.7
FAES 1319	5.7
CSZ 1105	5.3
CSZ 1109	5.3
FAES 1329	5.3
09-TZ-54-9	5.0
DALZ 1301	5.0
DALZ 1302	5.0
FAES 1304	5.0
FAES 1309	5.0
FAES 1312	5.0
FAES 1318	5.0
FAES 1328	5.0
10-TZ-35	4.7
FAES 1316	4.7
FAES 1317	4.7
10-TZ-1254	4.3
EMPIRE	4.3
FAES 1322	4.3
GGZ 504	4.3
MEYER	4.3
11-TZ-4321	4.0
FAES 1314	4.0
KSUZ 1201	3.7
A-1	3.3
LSD VALUE	1.8
C.V. (%)	21.6

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

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

TABLE 12. SUMMER DENSITY RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2014 DATA

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

NAME	CA3	FL3	FL4	NC1	MEAN
FAES 1310	8.0	7.3	9.0	8.3	8.2
DALZ 1303	8.3	6.7	9.0	8.0	8.0
FAES 1306	8.0	6.7	9.0	8.3	8.0
FAES 1308	7.3	7.0	8.7	8.7	7.9
FAES 1305	7.7	6.3	8.3	8.7	7.8
FAES 1303	8.0	6.7	8.0	8.0	7.7
FAES 1315	7.0	6.3	8.7	8.3	7.6
CSZ 1105	6.3	7.0	9.0	8.0	7.6
A-1	6.3	6.3	8.7	8.7	7.5
ZEON	6.3	7.3	8.0	8.3	7.5
FAES 1317	6.0	6.7	8.7	8.3	7.4
FAES 1307	6.3	7.0	8.3	7.7	7.3
FAES 1312	5.3	6.7	9.0	8.0	7.3
FAES 1329	5.7	6.3	8.7	8.3	7.3
FAES 1309	6.7	5.7	8.3	8.0	7.2
09-TZ-54-9	6.0	6.3	8.3	8.0	7.2
DALZ 1301	6.3	6.0	7.7	8.7	7.2
FAES 1313	5.0	6.3	8.7	8.3	7.1
FAES 1319	5.3	6.0	9.0	8.0	7.1
CSZ 1109	6.3	6.0	7.0	8.7	7.0
FAES 1314	5.3	7.0	7.7	8.0	7.0
MEYER	5.7	6.7	7.7	8.0	7.0
09-TZ-53-20	6.0	6.0	8.0	7.7	6.9
FAES 1318	5.3	6.7	8.0	7.7	6.9
FAES 1322	5.0	6.3	8.7	7.7	6.9
10-TZ-1254	5.0	6.0	8.7	8.0	6.9
FAES 1304	4.7	6.3	8.7	8.0	6.9
FAES 1328	5.0	6.3	8.3	7.7	6.8
11-TZ-4321	4.0	6.7	8.7	7.7	6.8
GGZ 504	4.7	7.0	7.7	7.7	6.8
DALZ 1302	4.7	6.3	9.0	7.0	6.8
10-TZ-35	3.7	6.7	9.0	7.0	6.6
EMPIRE	4.0	6.3	9.0	7.0	6.6
FAES 1316	4.3	6.7	7.7	7.3	6.5
KSUZ 1201	4.7	6.7	6.7	7.7	6.4
LSD VALUE	1.1	1.0	1.2	0.7	0.5
C.V. (%)	12.1	9.5	9.2	5.6	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.

TABLE 13. FALL DENSITY RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2014 DATA

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

NAME	CA3	FL3	FL4	NC1	MEAN
DALZ 1303	8.3	6.7	8.3	8.0	7.8
FAES 1306	7.7	6.7	8.0	8.3	7.7
CSZ 1109	8.0	6.7	7.3	8.3	7.6
FAES 1305	8.0	6.7	7.3	8.0	7.5
FAES 1308	7.7	6.7	7.3	8.3	7.5
FAES 1310	7.3	6.7	7.7	8.3	7.5
FAES 1329	7.3	7.0	7.3	8.3	7.5
FAES 1309	8.0	6.0	7.7	8.0	7.4
CSZ 1105	7.0	6.7	8.0	7.7	7.3
FAES 1315	7.3	6.7	7.3	8.0	7.3
FAES 1322	7.3	6.3	8.0	7.7	7.3
FAES 1303	7.3	6.3	7.3	8.0	7.3
FAES 1304	7.0	6.3	7.7	8.0	7.3
FAES 1307	7.3	7.0	7.7	7.0	7.3
FAES 1319	6.7	6.0	8.3	8.0	7.3
ZEON	7.0	7.0	7.0	8.0	7.3
FAES 1317	6.3	6.7	7.7	8.0	7.2
A-1	7.0	6.3	7.0	8.3	7.2
FAES 1312	6.3	6.7	8.0	7.0	7.0
09-TZ-54-9	6.3	6.0	7.3	8.0	6.9
10-TZ-1254	7.0	6.0	7.3	7.3	6.9
FAES 1313	5.7	6.0	7.7	8.0	6.8
DALZ 1301	7.3	5.7	6.3	8.0	6.8
FAES 1318	6.0	6.3	7.7	7.3	6.8
FAES 1328	6.3	6.3	7.3	7.0	6.8
GGZ 504	6.3	6.3	6.7	7.7	6.8
09-TZ-53-20	5.7	6.3	7.0	7.7	6.7
11-TZ-4321	5.7	6.3	7.7	7.0	6.7
FAES 1314	5.7	7.0	6.7	7.3	6.7
DALZ 1302	5.3	6.0	8.0	6.7	6.5
EMPIRE	5.0	6.0	8.0	7.0	6.5
MEYER	6.7	6.0	6.3	7.0	6.5
10-TZ-35	4.7	6.3	8.0	6.7	6.4
FAES 1316	5.0	6.3	7.0	7.3	6.4
KSUZ 1201	6.3	6.3	6.0	7.0	6.4
LSD VALUE	1.1	0.8	1.0	0.7	0.4
C.V. (%)	9.8	7.3	8.4	6.0	7.9

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

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

TABLE 14. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2014 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	CA3	FL3	FL4	KS1	NC1	TN1	MEAN
EMPIRE	83.3	90.0	81.7	78.3	70.0	93.0	82.7
FAES 1319	97.7	56.7	78.3	86.7	63.3	92.0	79.1
FAES 1312	93.3	83.3	81.7	50.0	61.7	85.7	75.9
DALZ 1302	76.7	80.0	75.0	63.3	66.7	80.7	73.7
ZEON	97.7	73.3	61.7	71.7	46.7	85.3	72.7
FAES 1318	91.3	76.7	80.0	31.7	58.3	92.3	71.7
10-TZ-35	76.7	70.0	83.3	65.0	53.3	76.3	70.8
FAES 1304	90.0	76.7	70.0	55.0	38.3	90.7	70.1
FAES 1305	86.7	66.7	63.3	71.7	41.7	85.7	69.3
FAES 1307	91.0	86.7	83.3	9.3	71.7	70.0	68.7
10-TZ-1254	86.7	60.0	78.3	65.0	43.3	69.7	67.2
MEYER	75.0	76.7	38.3	99.0	33.3	80.7	67.2
11-TZ-4321	80.0	60.0	53.3	75.0	56.7	73.3	66.4
DALZ 1303	94.7	70.0	93.3	0.7	55.0	77.3	65.2
FAES 1317	93.0	70.0	83.3	19.3	36.7	84.3	64.4
FAES 1313	83.3	80.0	81.7	4.3	50.0	84.7	64.0
FAES 1329	97.7	70.0	76.7	2.7	60.0	74.3	63.6
FAES 1314	78.0	80.0	61.7	0.0	58.3	92.0	61.7
FAES 1316	83.3	80.0	55.0	0.0	61.7	89.0	61.5
FAES 1328	88.0	80.0	61.7	10.0	56.7	65.7	60.3
FAES 1322	86.7	70.0	81.7	0.0	48.3	75.0	60.3
DALZ 1301	90.0	50.0	40.0	82.0	33.3	60.0	59.2
A-1	60.0	63.3	60.0	65.0	36.7	62.0	57.8
KSUZ 1201	70.0	43.3	23.3	97.7	41.7	64.0	56.7
FAES 1315	99.0	66.7	75.0	1.7	45.0	50.7	56.3
CSZ 1105	91.7	73.3	90.0	2.7	30.0	40.0	54.6
GGZ 504	81.7	70.0	56.7	6.0	40.0	70.0	54.1
FAES 1306	91.7	70.0	90.0	0.0	25.0	46.3	53.8
FAES 1303	92.7	66.7	73.3	0.0	26.7	61.3	53.4
09-TZ-54-9	90.0	60.0	46.7	15.0	38.3	60.3	51.7
FAES 1310	91.3	63.3	80.0	0.0	21.7	50.7	51.2
09-TZ-53-20	88.3	60.0	61.7	0.0	30.0	56.3	49.4
FAES 1309	90.0	53.3	55.0	0.0	23.3	3.0	37.4
FAES 1308	80.0	56.7	58.3	0.0	15.0	8.7	36.4
CSZ 1109	83.3	53.3	40.0	0.0	16.7	20.7	35.7
LSD VALUE	16.4	15.5	23.0	18.1	14.3	10.3	6.8
C.V. (%)	11.8	14.0	21.1	35.0	20.1	9.5	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 15. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2014 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/								
NAME	AR1	CA3	FL3	FL4	KS1	NC1	TN1	MEAN
EMPIRE	97.0	99.0	96.0	96.3	99.0	97.7	98.3	97.6
DALZ 1302	97.3	97.7	96.0	94.7	99.0	99.0	98.7	97.5
FAES 1312	97.7	98.7	96.0	93.0	97.3	96.0	98.3	96.7
FAES 1319	98.3	99.0	93.0	93.0	98.3	96.3	98.3	96.6
FAES 1328	97.7	99.0	96.0	88.3	92.7	92.7	97.3	94.8
FAES 1318	96.0	98.7	93.0	89.7	95.0	91.7	98.3	94.6
10-TZ-35	94.7	99.0	86.7	94.3	99.0	90.0	97.7	94.5
FAES 1313	97.0	99.0	96.0	91.3	86.7	88.0	98.7	93.8
FAES 1305	94.7	97.7	90.0	86.7	98.3	81.7	97.7	92.4
FAES 1304	80.0	99.0	93.0	90.0	96.3	86.7	98.7	92.0
ZEON	92.0	97.7	90.0	84.7	94.3	88.3	96.3	91.9
FAES 1307	69.7	99.0	99.0	93.0	90.0	99.0	93.3	91.9
10-TZ-1254	84.0	97.7	90.0	94.7	98.7	78.3	98.7	91.7
FAES 1329	97.0	99.0	93.0	88.0	60.0	96.3	99.0	90.3
FAES 1317	89.3	99.0	90.0	94.7	89.3	71.7	98.0	90.3
GGZ 504	86.0	99.0	93.0	71.7	90.0	81.7	98.7	88.6
DALZ 1301	95.3	99.0	83.3	71.7	97.0	75.0	97.3	88.4
FAES 1315	97.3	97.7	83.0	86.3	65.0	93.0	95.7	88.3
CSZ 1105	77.0	99.0	90.0	97.7	81.7	70.0	98.0	87.6
09-TZ-54-9	87.0	99.0	90.0	78.3	85.0	75.0	98.3	87.5
MEYER	95.3	94.7	86.7	70.0	99.0	66.7	98.7	87.3
11-TZ-4321	85.0	96.3	83.3	88.3	65.0	93.0	98.0	87.0
A-1	95.3	86.3	83.3	85.0	76.7	80.0	95.7	86.0
DALZ 1303	98.7	99.0	90.0	99.0	18.3	83.3	98.7	83.9
KSUZ 1201	89.3	96.3	83.3	45.0	96.0	75.0	97.0	83.1
FAES 1314	45.7	99.0	96.0	70.0	75.0	89.3	98.3	81.9
FAES 1316	82.0	99.0	93.0	80.0	25.0	93.0	98.3	81.5
FAES 1322	91.0	99.0	90.0	94.7	6.7	86.7	97.0	80.7
FAES 1306	69.0	99.0	90.0	96.3	6.7	65.0	96.3	74.6
FAES 1303	73.0	99.0	86.7	88.0	4.0	61.7	99.0	73.0
09-TZ-53-20	52.7	99.0	86.7	85.0	10.0	70.0	97.7	71.6
FAES 1310	58.7	99.0	90.0	90.0	2.0	58.3	98.7	71.0
CSZ 1109	55.7	97.3	83.3	75.0	0.0	35.0	62.3	58.4
FAES 1308	44.7	96.3	83.3	78.3	2.0	48.3	28.3	54.5
FAES 1309	36.0	99.0	73.3	85.0	0.0	60.0	27.0	54.3
LSD VALUE	18.5	4.6	8.6	18.9	19.8	15.7	6.6	5.5
C.V. (%)	13.9	2.9	6.0	13.7	18.7	12.1	4.4	10.6

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

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

TABLE 16. PERCENT LIVING GROUND COVER (FALL) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2014 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/						
NAME	AR1	CA3	FL4	MO1	NC1	MEAN
FAES 1319	99.0	99.0	60.0	50.0	97.7	81.1
09-TZ-54-9	99.0	96.0	83.3	28.3	96.3	80.6
KSUZ 1201	98.7	93.0	60.0	58.3	90.0	80.0
DALZ 1301	99.0	91.7	66.7	50.0	91.7	79.8
MEYER	99.0	94.7	40.0	78.3	85.0	79.4
FAES 1304	99.0	94.7	73.3	33.3	96.3	79.3
FAES 1313	99.0	96.3	76.7	21.7	98.7	78.5
FAES 1305	99.0	96.3	53.3	50.0	90.3	77.8
FAES 1322	99.0	96.3	76.7	16.7	98.7	77.5
09-TZ-53-20	91.3	99.0	76.7	26.7	91.7	77.1
10-TZ-1254	99.0	97.7	56.7	33.3	96.3	76.6
FAES 1312	99.0	94.7	60.0	31.7	97.3	76.5
GGZ 504	99.0	97.7	66.7	23.3	95.7	76.5
FAES 1329	99.0	97.7	63.3	23.3	98.7	76.4
FAES 1303	99.0	97.7	63.3	33.3	87.7	76.2
11-TZ-4321	99.0	96.3	60.0	40.0	85.0	76.1
FAES 1307	99.0	95.0	63.3	23.3	99.0	75.9
FAES 1318	99.0	93.3	63.3	23.3	96.3	75.1
FAES 1310	96.3	95.0	56.7	30.0	96.3	74.9
10-TZ-35	98.3	99.0	46.7	35.0	93.3	74.5
FAES 1315	99.0	94.7	66.7	15.0	96.3	74.3
DALZ 1303	99.0	97.7	53.3	23.3	97.7	74.2
ZEON	99.0	97.7	46.7	30.0	97.3	74.1
FAES 1328	99.0	96.3	63.3	15.0	96.3	74.0
FAES 1314	91.0	99.0	56.7	26.7	96.0	73.9
A-1	99.0	89.7	63.3	25.0	90.0	73.4
DALZ 1302	99.0	95.0	56.7	23.3	93.0	73.4
FAES 1316	94.3	93.3	60.0	21.7	96.0	73.1
FAES 1317	98.3	96.3	56.7	18.3	95.0	72.9
EMPIRE	99.0	97.7	56.7	15.3	94.7	72.7
CSZ 1105	99.0	99.0	46.7	28.3	90.0	72.6
FAES 1309	65.7	96.0	76.7	20.0	92.7	70.2
FAES 1306	99.0	93.3	53.3	10.0	91.0	69.3
CSZ 1109	95.7	96.3	73.3	21.7	56.7	68.7
FAES 1308	81.3	90.0	60.0	12.7	80.0	64.8
LSD VALUE	12.1	5.2	11.3	20.1	8.7	5.6
C.V. (%)	7.8	3.4	11.4	43.0	5.8	10.3

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

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

TABLE 17. WINTER COLOR RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2014 DATA

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

NAME	CA3	FL4	MEAN
FAES 1307	7.3	4.7	6.0
FAES 1322	4.7	6.3	5.5
FAES 1315	5.7	5.0	5.3
FAES 1329	5.0	5.3	5.2
09-TZ-53-20	4.7	5.3	5.0
CSZ 1109	3.7	6.3	5.0
FAES 1303	5.3	4.7	5.0
FAES 1306	5.7	4.3	5.0
DALZ 1303	5.0	4.7	4.8
FAES 1310	5.0	4.7	4.8
CSZ 1105	5.3	4.3	4.8
FAES 1304	4.7	4.7	4.7
FAES 1313	4.7	4.7	4.7
FAES 1319	5.7	3.7	4.7
FAES 1309	4.0	5.3	4.7
GGZ 504	4.7	4.3	4.5
09-TZ-54-9	3.3	5.3	4.3
10-TZ-1254	4.3	4.3	4.3
FAES 1308	3.3	5.3	4.3
A-1	3.3	5.0	4.2
DALZ 1302	4.0	4.0	4.0
FAES 1312	4.7	3.3	4.0
FAES 1318	4.7	3.3	4.0
FAES 1305	4.7	3.0	3.8
EMPIRE	4.0	3.7	3.8
FAES 1317	4.0	3.7	3.8
ZEON	4.0	3.3	3.7
10-TZ-35	4.0	3.0	3.5
FAES 1316	5.0	2.0	3.5
FAES 1328	3.3	3.3	3.3
DALZ 1301	3.0	3.3	3.2
FAES 1314	4.0	2.3	3.2
MEYER	4.3	2.0	3.2
11-TZ-4321	3.0	3.0	3.0
KSUZ 1201	2.3	2.0	2.2
LSD VALUE	1.2	1.3	0.9
C.V. (%)	17.3	19.2	18.2

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 18. PERCENT WINTER KILL RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2014 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 2/

NAME	AR1	TN1	MEAN
FAES 1309	99.0	98.3	98.8
FAES 1308	93.0	95.7	95.9
CSZ 1109	80.0	86.0	88.3
FAES 1306	83.3	68.3	83.6
FAES 1310	86.3	64.3	83.2
09-TZ-53-20	89.7	52.3	80.3
FAES 1303	73.3	56.7	76.3
CSZ 1105	53.3	67.3	73.2
FAES 1314	89.7	17.7	68.8
FAES 1307	63.3	40.0	66.0
FAES 1315	30.0	58.7	62.6
GGZ 504	30.3	47.7	59.0
09-TZ-54-9	33.3	48.3	58.8
FAES 1322	30.3	34.7	54.7
FAES 1329	20.0	38.7	52.6
FAES 1328	7.0	45.0	49.4
FAES 1316	26.7	20.7	48.8
DALZ 1303	7.0	37.3	47.8
FAES 1313	10.3	29.7	46.3
FAES 1317	23.3	25.7	45.1
FAES 1318	4.0	17.0	38.6
A-1	1.0	49.7	38.6
11-TZ-4321	13.3	34.0	31.9
10-TZ-1254	27.3	39.0	26.6
ZEON	4.0	20.7	25.4
FAES 1312	1.0	24.3	25.1
DALZ 1301	1.0	62.3	23.3
FAES 1304	13.7	17.0	20.8
10-TZ-35	7.0	32.0	20.2
DALZ 1302	7.3	26.0	18.3
FAES 1305	1.0	20.3	17.2
KSUZ 1201	1.0	44.0	16.3
EMPIRE	4.0	16.0	12.2
MEYER	10.7	22.7	11.4
FAES 1319	1.0	12.7	10.1
LSD VALUE	24.3	12.5	12.5
C.V. (%)	46.9	18.5	28.2

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 19. DOLLAR SPOT RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2014 DATA

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

NAME	TN1
09-TZ-53-20	9.0
09-TZ-54-9	9.0
10-TZ-1254	9.0
10-TZ-35	9.0
11-TZ-4321	9.0
A-1	9.0
CSZ 1105	9.0
CSZ 1109	9.0
DALZ 1301	9.0
DALZ 1302	9.0
DALZ 1303	9.0
EMPIRE	9.0
FAES 1303	9.0
FAES 1304	9.0
FAES 1305	9.0
FAES 1306	9.0
FAES 1308	9.0
FAES 1309	9.0
FAES 1312	9.0
FAES 1313	9.0
FAES 1314	9.0
FAES 1315	9.0
FAES 1316	9.0
FAES 1317	9.0
FAES 1318	9.0
FAES 1319	9.0
FAES 1328	9.0
FAES 1329	9.0
GGZ 504	9.0
KSUZ 1201	9.0
MEYER	9.0
ZEON	9.0
FAES 1322	8.7
FAES 1310	8.3
FAES 1307	7.7
LSD VALUE	0.5
C.V. (%)	3.3

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 20. FALL COLOR (SEPTEMBER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2014 DATA

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

NAME	FL4	GA1	MEAN
FAES 1319	7.0	6.7	6.8
FAES 1317	6.7	6.7	6.7
FAES 1314	6.3	7.0	6.7
10-TZ-1254	6.3	6.7	6.5
11-TZ-4321	6.7	6.3	6.5
A-1	6.0	7.0	6.5
DALZ 1303	6.7	6.3	6.5
FAES 1313	7.0	6.0	6.5
FAES 1316	6.3	6.7	6.5
FAES 1322	6.7	6.3	6.5
FAES 1329	6.7	6.3	6.5
09-TZ-53-20	6.0	6.7	6.3
CSZ 1105	6.7	6.0	6.3
DALZ 1301	6.0	6.7	6.3
MEYER	5.7	7.0	6.3
CSZ 1109	6.3	6.3	6.3
KSUZ 1201	6.3	6.3	6.3
ZEON	6.3	6.3	6.3
09-TZ-54-9	5.7	6.7	6.2
DALZ 1302	6.3	6.0	6.2
FAES 1306	6.3	6.0	6.2
FAES 1312	6.3	6.0	6.2
FAES 1315	6.0	6.3	6.2
FAES 1318	6.3	6.0	6.2
GGZ 504	6.0	6.3	6.2
10-TZ-35	6.0	6.0	6.0
FAES 1305	6.0	6.0	6.0
EMPIRE	5.7	6.0	5.8
FAES 1307	6.0	5.7	5.8
FAES 1308	5.7	6.0	5.8
FAES 1309	6.0	5.7	5.8
FAES 1304	5.3	6.3	5.8
FAES 1303	5.3	6.0	5.7
FAES 1310	6.0	5.3	5.7
FAES 1328	6.0	5.0	5.5
LSD VALUE	1.1	0.8	0.7
C.V. (%)	10.7	7.6	9.3

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

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

TABLE 21. FALL COLOR (OCTOBER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2014 DATA

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

NAME	AR1	FL4	GA1	KS1	NC1	MEAN
FAES 1304	7.3	6.3	6.3	8.0	8.3	7.3
FAES 1313	7.3	7.0	6.0	7.0	8.0	7.1
CSZ 1109	7.3	6.3	6.3	.	8.0	7.0
A-1	6.0	6.7	6.7	8.0	7.3	6.9
FAES 1306	7.0	6.7	6.0	7.0	8.0	6.9
EMPIRE	7.3	6.3	6.0	7.0	8.0	6.9
FAES 1312	7.3	6.7	5.7	7.3	7.3	6.9
FAES 1319	7.0	6.0	6.0	7.3	8.0	6.9
09-TZ-54-9	7.0	6.7	5.7	7.0	7.7	6.8
10-TZ-35	7.3	6.0	6.0	7.0	7.7	6.8
11-TZ-4321	8.0	6.3	6.0	6.7	7.0	6.8
CSZ 1105	6.0	6.0	6.3	7.7	8.0	6.8
FAES 1303	7.0	6.3	5.7	7.0	8.0	6.8
FAES 1329	7.0	6.3	6.3	6.3	8.0	6.8
FAES 1318	6.7	6.0	6.0	7.7	7.3	6.7
10-TZ-1254	6.3	6.3	6.0	7.0	8.0	6.7
FAES 1317	6.7	6.3	6.0	7.0	7.7	6.7
FAES 1322	6.7	6.7	5.7	7.0	7.3	6.7
09-TZ-53-20	6.3	6.0	6.3	7.0	7.7	6.7
DALZ 1303	5.0	7.3	6.3	7.0	7.7	6.7
FAES 1316	7.3	6.0	6.0	6.5	7.3	6.6
DALZ 1302	6.7	6.3	6.0	6.7	7.3	6.6
FAES 1314	7.0	5.7	6.3	6.7	7.3	6.6
FAES 1328	8.0	6.0	5.3	6.7	7.0	6.6
GGZ 504	6.3	5.7	6.0	7.0	8.0	6.6
FAES 1310	6.7	6.3	5.3	.	8.0	6.6
FAES 1305	6.7	6.3	5.7	7.0	7.0	6.5
FAES 1307	6.7	6.0	5.7	7.0	7.3	6.5
FAES 1315	6.3	6.0	6.0	7.0	7.3	6.5
KSUZ 1201	7.3	6.3	6.0	5.3	7.0	6.4
FAES 1308	5.7	6.0	5.7	.	8.0	6.3
ZEON	6.0	5.7	6.3	6.7	7.0	6.3
MEYER	7.0	5.7	6.7	5.3	6.7	6.3
FAES 1309	4.3	6.3	5.7	.	8.0	6.1
DALZ 1301	6.0	6.3	6.0	4.3	7.0	5.9
LSD VALUE	1.2	0.8	0.7	0.7	0.7	0.4
C.V. (%)	11.3	7.6	7.3	5.8	5.6	7.8

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

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

TABLE 22. FALL COLOR (NOVEMBER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2014 DATA

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

NAME	FL4	NC1	TN1	TX2	MEAN
FAES 1313	5.3	7.3	6.7	8.3	6.9
FAES 1329	4.7	7.0	6.7	7.7	6.5
FAES 1304	4.7	6.7	5.3	8.0	6.2
10-TZ-1254	4.0	6.0	7.0	7.0	6.0
FAES 1309	5.0	6.7	4.3	7.7	5.9
A-1	5.0	6.0	6.0	6.3	5.8
FAES 1307	4.7	6.0	5.7	6.7	5.8
FAES 1315	4.7	6.3	5.0	7.0	5.8
EMPIRE	4.0	6.7	6.0	6.0	5.7
FAES 1316	4.7	6.0	5.0	7.0	5.7
09-TZ-54-9	5.7	5.7	3.7	7.3	5.6
FAES 1314	4.0	6.0	6.0	6.3	5.6
FAES 1318	4.0	5.0	6.0	7.3	5.6
10-TZ-35	4.0	6.0	5.7	6.0	5.4
DALZ 1301	4.7	5.3	7.0	4.3	5.3
FAES 1322	6.0	5.0	2.7	7.7	5.3
09-TZ-53-20	5.3	7.0	1.3	7.3	5.3
CSZ 1109	5.7	6.3	1.3	7.7	5.3
FAES 1319	4.3	6.0	4.7	6.0	5.3
FAES 1305	4.0	5.7	7.0	4.0	5.2
FAES 1317	4.0	6.0	3.0	7.7	5.2
CSZ 1105	4.0	6.3	3.0	7.3	5.2
KSUZ 1201	4.0	3.7	7.3	5.3	5.1
FAES 1303	4.7	7.0	1.0	7.3	5.0
FAES 1310	4.0	7.0	1.0	8.0	5.0
FAES 1328	4.3	4.3	6.3	5.0	5.0
11-TZ-4321	4.0	4.7	6.3	4.7	4.9
FAES 1308	4.7	6.7	1.7	6.7	4.9
FAES 1312	4.0	6.0	3.3	6.3	4.9
ZEON	4.0	4.0	5.7	6.0	4.9
DALZ 1302	4.0	5.3	4.7	5.0	4.8
FAES 1306	4.3	6.7	1.0	7.0	4.8
GGZ 504	4.7	6.3	1.3	6.7	4.8
DALZ 1303	4.0	6.0	1.3	7.3	4.7
MEYER	4.0	3.7	7.3	3.7	4.7
LSD VALUE	0.7	1.0	0.7	1.9	0.6
C.V. (%)	9.5	10.3	9.9	18.3	13.8

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

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

TABLE 23. FALL COLOR (DECEMBER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2014 DATA

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

NAME	FL4
CSZ 1109	5.3
FAES 1313	5.0
FAES 1322	5.0
09-TZ-53-20	4.7
09-TZ-54-9	4.7
FAES 1303	4.7
FAES 1309	4.7
FAES 1310	4.7
FAES 1319	4.7
FAES 1329	4.3
10-TZ-1254	4.0
A-1	4.0
CSZ 1105	4.0
DALZ 1301	4.0
DALZ 1303	4.0
FAES 1304	4.0
FAES 1306	4.0
FAES 1307	4.0
FAES 1308	4.0
FAES 1315	4.0
FAES 1317	4.0
11-TZ-4321	3.7
FAES 1312	3.7
GGZ 504	3.7
ZEON	3.7
DALZ 1302	3.3
FAES 1328	3.3
10-TZ-35	3.0
EMPIRE	3.0
FAES 1305	3.0
FAES 1316	3.0
FAES 1318	3.0
FAES 1314	2.7
KSUZ 1201	2.7
MEYER	2.0
LSD VALUE	0.7
C.V. (%)	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 24. SEEDHEAD RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2014 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/

NAME	TN1
09-TZ-53-20	9.0
09-TZ-54-9	9.0
CSZ 1105	9.0
CSZ 1109	9.0
DALZ 1302	9.0
DALZ 1303	9.0
FAES 1303	9.0
FAES 1306	9.0
FAES 1308	9.0
FAES 1309	9.0
FAES 1310	9.0
FAES 1312	9.0
FAES 1315	9.0
FAES 1316	9.0
FAES 1317	9.0
FAES 1319	9.0
FAES 1322	9.0
GGZ 504	9.0
FAES 1304	8.7
10-TZ-35	8.3
FAES 1307	8.3
ZEON	8.3
10-TZ-1254	8.0
11-TZ-4321	8.0
A-1	8.0
DALZ 1301	8.0
EMPIRE	8.0
FAES 1305	8.0
FAES 1313	8.0
FAES 1314	8.0
FAES 1318	8.0
FAES 1328	8.0
FAES 1329	8.0
KSUZ 1201	8.0
MEYER	8.0
LSD VALUE	0.3
C.V. (%)	2.3

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 25. WINTER DAMAGE RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2014 DATA

WINTER DAMAGE RATINGS 1-9; 9=NO DAMAGE 2/

NAME	AL1
09-TZ-54-9	9.0
10-TZ-35	9.0
A-1	9.0
DALZ 1301	9.0
DALZ 1302	9.0
EMPIRE	9.0
FAES 1304	9.0
FAES 1312	9.0
FAES 1318	9.0
KSUZ 1201	9.0
MEYER	9.0
FAES 1305	8.7
FAES 1316	8.7
10-TZ-1254	8.3
11-TZ-4321	8.3
FAES 1313	8.3
FAES 1319	8.3
FAES 1328	8.3
FAES 1314	8.0
FAES 1317	8.0
ZEON	8.0
FAES 1307	7.0
FAES 1329	6.7
FAES 1315	6.3
GGZ 504	6.0
CSZ 1105	5.7
09-TZ-53-20	5.3
DALZ 1303	5.0
FAES 1322	4.0
CSZ 1109	3.7
FAES 1310	3.7
FAES 1308	2.7
FAES 1309	2.7
FAES 1303	2.3
FAES 1306	2.3
LSD VALUE	1.3
C.V. (%)	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 26. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2014 DATA 2/

NAME	KS1
FAES 1307	91.7
EMPIRE	88.3
FAES 1329	88.3
GGZ 504	88.3
DALZ 1302	85.0
FAES 1318	83.3
CSZ 1105	81.7
FAES 1315	81.7
10-TZ-1254	80.0
FAES 1313	80.0
FAES 1303	78.3
FAES 1312	78.3
10-TZ-35	76.7
DALZ 1303	76.7
FAES 1304	73.3
FAES 1314	73.3
FAES 1306	71.7
FAES 1319	70.0
FAES 1310	66.7
CSZ 1109	65.0
FAES 1317	65.0
09-TZ-54-9	63.3
FAES 1322	61.7
MEYER	61.7
FAES 1305	60.0
09-TZ-53-20	58.3
FAES 1308	56.7
ZEON	55.0
DALZ 1301	53.3
FAES 1328	53.3
KSUZ 1201	50.0
FAES 1309	46.7
FAES 1316	45.0
11-TZ-4321	26.7
A-1	23.3
LSD VALUE	14.5
C.V. (%)	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 27. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS CULTIVARS 1/
 AT AUBURN, AL 2/
 2013-14 DATA

NAME	SEP_2013	OCT_2013	ARP_5_2014	APR_26	MAY_26	MEAN
FAES 1314	8.7	23.3	40.0	56.7	60.0	37.7
EMPIRE	13.3	20.0	30.0	40.0	73.3	35.3
FAES 1316	9.3	21.7	33.3	36.7	66.7	33.5
FAES 1318	5.7	21.7	33.3	40.0	60.0	32.1
DALZ 1302	11.7	20.0	23.3	36.7	66.7	31.7
FAES 1319	10.0	16.7	33.3	30.0	66.7	31.3
FAES 1307	5.3	23.3	26.7	33.3	66.7	31.1
CSZ 1105	13.3	26.7	30.0	33.3	50.0	30.7
FAES 1317	12.0	21.7	30.0	33.3	53.3	30.1
DALZ 1303	7.7	18.3	26.7	43.3	46.7	28.5
FAES 1312	9.0	15.0	23.3	30.0	60.0	27.5
FAES 1315	10.0	18.3	23.3	36.7	46.7	27.0
10-TZ-35	6.0	21.7	20.0	30.0	56.7	26.9
FAES 1310	9.3	16.7	16.7	30.0	53.3	25.2
FAES 1329	4.7	15.0	20.0	26.7	46.7	22.6
A-1	5.0	15.0	20.0	26.7	43.3	22.0
FAES 1313	8.3	16.7	23.3	20.0	40.0	21.7
10-TZ-1254	5.0	15.0	13.3	20.0	50.0	20.7
FAES 1305	6.7	13.3	13.3	23.3	46.7	20.7
GGZ 504	5.3	13.3	16.7	26.7	36.7	19.7
FAES 1328	5.0	11.7	16.7	23.3	36.7	18.7
FAES 1304	6.0	15.0	13.3	20.0	36.7	18.2
FAES 1306	4.3	16.7	11.7	23.3	33.3	17.9
MEYER	7.0	8.3	16.7	16.7	40.0	17.7
11-TZ-4321	5.3	8.3	13.3	16.7	40.0	16.7
09-TZ-54-9	4.0	8.3	10.0	23.3	36.7	16.5
FAES 1303	5.3	15.0	11.7	20.0	30.0	16.4
ZEON	2.7	8.3	10.0	23.3	36.7	16.2
FAES 1322	10.0	13.3	11.7	16.7	26.7	15.7
09-TZ-53-20	3.3	8.3	16.7	16.7	30.0	15.0
CSZ 1109	6.7	13.3	8.3	20.0	23.3	14.3
DALZ 1301	4.3	6.7	13.3	23.3	23.3	14.2
FAES 1308	4.3	11.7	10.0	16.7	23.3	13.2
KSUZ 1201	3.7	8.3	5.0	16.7	16.7	10.1
FAES 1309	3.7	8.3	5.7	13.3	13.3	8.9
LSD VALUE	4.5	6.1	8.4	10.9	14.1	6.0
C.V. (%)	38.4	25.0	28.4	25.4	21.0	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 28. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS CULTIVARS 1/
AT JAY, FL 2/
2013 DATA

NAME	AUGUST	SEP_4	SEP_18	OCTOBER	NOVEMBER	MEAN
FAES 1307	13.3	20.0	75.0	81.7	88.3	55.7
EMPIRE	15.0	36.7	38.3	90.0	91.7	54.3
FAES 1316	18.3	20.0	65.0	78.3	85.0	53.3
FAES 1314	13.3	18.3	65.0	78.3	81.7	51.3
FAES 1315	15.0	16.7	63.3	61.7	66.7	44.7
CSZ 1105	11.7	25.0	23.3	70.0	71.7	40.3
FAES 1329	13.3	18.3	56.7	53.3	56.7	39.7
GGZ 504	11.7	18.3	50.0	55.0	63.3	39.7
FAES 1312	10.0	15.0	41.7	55.0	66.7	37.7
10-TZ-35	10.0	15.0	33.3	63.3	63.3	37.0
MEYER	10.0	15.0	48.3	41.7	53.3	33.7
FAES 1313	6.7	13.3	43.3	45.0	58.3	33.3
DALZ 1303	8.3	16.7	36.7	48.3	53.3	32.7
FAES 1318	10.0	16.7	33.3	45.0	58.3	32.7
FAES 1328	6.7	13.3	46.7	38.3	53.3	31.7
11-TZ-4321	10.0	13.3	50.0	41.7	41.7	31.3
DALZ 1302	6.7	11.7	36.7	41.7	60.0	31.3
FAES 1317	8.3	15.0	38.3	43.3	51.7	31.3
FAES 1322	8.3	13.3	36.7	46.7	50.0	31.0
FAES 1306	8.3	13.3	41.7	41.7	48.3	30.7
FAES 1304	6.7	13.3	31.7	40.0	55.0	29.3
ZEON	6.7	11.7	31.7	33.3	43.3	25.3
FAES 1310	8.3	13.3	28.3	31.7	41.7	24.7
10-TZ-1254	5.0	10.0	43.3	28.3	35.0	24.3
FAES 1305	8.3	13.3	30.0	33.3	36.7	24.3
FAES 1303	6.7	13.3	28.3	33.3	38.3	24.0
FAES 1319	6.7	10.0	30.0	35.0	36.7	23.7
FAES 1308	5.0	10.0	23.3	30.0	33.3	20.3
CSZ 1109	5.0	10.0	21.7	28.3	33.3	19.7
09-TZ-54-9	5.0	11.7	28.3	23.3	28.3	19.3
A-1	5.0	8.3	20.0	26.7	35.0	19.0
09-TZ-53-20	5.0	10.0	33.3	20.0	21.7	18.0
KSUZ 1201	5.0	10.0	18.3	23.3	25.0	16.3
FAES 1309	5.0	10.0	16.7	18.3	21.7	14.3
DALZ 1301	6.7	10.0	15.0	13.3	18.3	12.7
LSD VALUE	4.6	5.1	30.1	18.5	19.7	11.1
C.V. (%)	32.3	22.7	42.0	27.2	25.0	23.0

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 29. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS CULTIVARS 1/
AT CITRA, FL 2/
2013-14 DATA

NAME	OCT_2013	NOV_2013	DEC_2013	MAR_2014	MEAN
DALZ 1303	73.3	86.7	91.7	93.3	86.3
FAES 1317	71.7	81.7	85.0	83.3	80.4
CSZ 1105	61.7	78.3	88.3	90.0	79.6
FAES 1306	65.0	78.3	85.0	90.0	79.6
EMPIRE	65.0	76.7	83.3	81.7	76.7
FAES 1322	66.7	73.3	83.3	81.7	76.3
FAES 1318	63.3	70.0	81.7	80.0	73.8
FAES 1329	65.0	75.0	78.3	76.7	73.8
FAES 1312	60.0	73.3	78.3	81.7	73.3
FAES 1307	58.3	73.3	76.7	83.3	72.9
10-TZ-35	58.3	66.7	71.7	83.3	70.0
FAES 1313	55.0	68.3	75.0	81.7	70.0
FAES 1319	55.0	68.3	76.7	78.3	69.6
10-TZ-1254	55.0	66.7	75.0	78.3	68.8
FAES 1315	60.0	70.0	70.0	75.0	68.8
FAES 1304	60.0	66.7	76.7	70.0	68.3
FAES 1310	53.3	60.0	76.7	80.0	67.5
DALZ 1302	56.7	66.7	68.3	75.0	66.7
FAES 1303	51.7	56.7	76.7	73.3	64.6
FAES 1314	51.7	58.3	65.0	61.7	59.2
FAES 1316	53.3	61.7	60.0	55.0	57.5
FAES 1328	48.3	58.3	61.7	61.7	57.5
09-TZ-53-20	45.0	53.3	63.3	61.7	55.8
ZEON	45.0	53.3	61.7	61.7	55.4
FAES 1305	36.7	50.0	55.0	63.3	51.3
11-TZ-4321	43.3	48.3	53.3	53.3	49.6
FAES 1308	40.0	43.3	51.7	58.3	48.3
GGZ 504	41.7	45.0	50.0	56.7	48.3
FAES 1309	38.3	45.0	50.0	55.0	47.1
A-1	35.0	38.3	51.7	60.0	46.3
09-TZ-54-9	38.3	50.0	46.7	46.7	45.4
CSZ 1109	35.0	38.3	43.3	40.0	39.2
DALZ 1301	33.3	36.7	45.0	40.0	38.8
MEYER	31.7	40.0	40.0	38.3	37.5
KSUZ 1201	25.0	26.7	30.0	23.3	26.3
LSD VALUE	13.9	16.1	14.4	18.0	14.0
C.V. (%)	17.0	17.0	14.1	16.9	14.8

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 30. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS CULTIVARS 1/
 AT GRIFFIN, GA 2/
 2014 DATA

NAME	SPRING	EARLY SUMMER	LATE SUMMER	EARLY FALL	LATE FALL	MEAN
EMPIRE	63.3	79.7	94.7	96.0	96.0	85.9
DALZ 1302	56.7	76.7	94.7	97.7	97.7	84.7
FAES 1316	46.7	73.3	94.7	97.7	97.7	82.0
FAES 1314	46.7	66.7	94.7	99.0	99.0	81.2
FAES 1319	56.7	63.3	83.0	93.0	94.7	78.1
10-TZ-35	46.7	63.3	85.0	93.0	93.0	76.2
FAES 1318	50.0	60.0	76.7	88.3	93.0	73.6
A-1	50.0	60.0	70.0	93.0	94.7	73.5
09-TZ-53-20	46.7	56.7	80.0	89.3	89.3	72.4
ZEON	40.0	56.7	76.7	90.0	93.3	71.3
DALZ 1303	50.0	66.7	76.0	79.3	82.7	70.9
FAES 1313	43.3	60.0	76.7	83.3	88.0	70.3
FAES 1304	50.0	56.7	76.7	83.0	83.0	69.9
09-TZ-54-9	46.7	60.0	76.7	80.0	85.0	69.7
CSZ 1105	40.0	53.3	78.3	83.3	89.7	68.9
FAES 1305	46.7	56.7	71.7	80.0	83.0	67.6
DALZ 1301	50.0	60.0	66.7	76.3	83.0	67.2
11-TZ-4321	43.3	53.3	66.7	78.3	83.3	65.0
KSUZ 1201	43.3	53.3	70.0	76.7	80.0	64.7
FAES 1315	33.3	50.0	75.0	78.3	85.0	64.3
FAES 1317	43.3	56.7	63.3	71.7	83.0	63.6
10-TZ-1254	40.0	50.0	66.7	76.7	81.7	63.0
FAES 1322	40.0	50.0	66.7	76.7	81.7	63.0
FAES 1328	46.7	43.3	63.3	70.0	80.0	60.7
GGZ 504	30.0	40.0	66.7	76.7	80.0	58.7
FAES 1329	43.3	43.3	66.3	66.3	69.7	57.8
FAES 1312	40.0	43.3	56.7	70.0	76.7	57.3
FAES 1306	40.0	43.3	60.0	64.7	69.7	55.5
FAES 1303	40.0	36.7	50.0	70.0	75.0	54.3
MEYER	33.3	43.3	53.3	66.7	73.3	54.0
FAES 1310	26.7	33.3	40.0	60.0	73.3	46.7
CSZ 1109	26.7	30.0	43.3	50.0	60.0	42.0
FAES 1307	33.3	30.0	33.3	46.7	60.0	40.7
FAES 1308	23.3	26.7	41.7	50.0	53.3	39.0
FAES 1309	26.7	20.0	35.0	38.3	46.7	33.3
LSD VALUE	25.6	30.7	42.5	36.4	35.0	29.9
C.V. (%)	27.2	30.3	29.5	23.2	19.5	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 31. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS CULTIVARS 1/
 AT COLUMBIA, MO 2/
 2013 DATA

NAME	SUMMER	FALL	MEAN
DALZ 1303	40.0	61.7	50.8
FAES 1319	41.7	60.0	50.8
CSZ 1105	36.7	56.7	46.7
EMPIRE	33.3	55.0	44.2
FAES 1304	33.3	51.7	42.5
FAES 1313	33.3	50.0	41.7
FAES 1329	35.0	48.3	41.7
FAES 1306	35.0	46.7	40.8
FAES 1315	33.3	48.3	40.8
10-TZ-1254	30.0	50.0	40.0
10-TZ-35	31.7	48.3	40.0
CSZ 1109	33.3	46.7	40.0
FAES 1303	31.7	48.3	40.0
FAES 1318	33.3	46.7	40.0
FAES 1317	31.7	46.7	39.2
DALZ 1301	31.7	45.0	38.3
FAES 1310	30.0	46.7	38.3
FAES 1312	31.7	45.0	38.3
FAES 1316	30.0	46.7	38.3
FAES 1314	30.0	43.3	36.7
GGZ 504	30.0	43.3	36.7
FAES 1307	25.0	45.0	35.0
FAES 1309	28.3	41.7	35.0
FAES 1308	25.0	43.3	34.2
09-TZ-53-20	26.7	40.0	33.3
DALZ 1302	25.0	40.0	32.5
FAES 1322	25.0	38.3	31.7
FAES 1328	25.0	38.3	31.7
FAES 1305	23.3	38.3	30.8
11-TZ-4321	20.0	36.7	28.3
KSUZ 1201	20.0	36.7	28.3
09-TZ-54-9	18.3	36.7	27.5
MEYER	21.7	31.7	26.7
ZEON	20.0	33.3	26.7
A-1	15.0	28.3	21.7
LSD VALUE	10.9	15.1	12.1
C.V. (%)	21.0	18.0	18.2

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 32. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS CULTIVARS 1/
 AT RALEIGH, NC 2/
 2013 DATA

NAME	AUGUST	SEPTEMBER	OCTOBER	MEAN
CSZ 1105	15.0	36.7	48.3	33.3
DALZ 1302	16.7	35.0	46.7	32.8
DALZ 1303	11.7	36.7	45.0	31.1
FAES 1329	11.7	36.7	45.0	31.1
EMPIRE	13.3	35.0	43.3	30.6
FAES 1315	13.3	31.7	45.0	30.0
FAES 1316	11.7	33.3	45.0	30.0
FAES 1307	8.3	31.7	48.3	29.4
FAES 1314	15.0	30.0	41.7	28.9
FAES 1319	15.0	30.0	38.3	27.8
FAES 1322	10.0	30.0	40.0	26.7
GGZ 504	13.3	30.0	36.7	26.7
10-TZ-35	13.3	26.7	38.3	26.1
FAES 1328	11.7	30.0	36.7	26.1
FAES 1313	10.0	28.3	38.3	25.6
FAES 1312	11.7	26.7	36.7	25.0
FAES 1318	11.7	26.7	36.7	25.0
FAES 1306	11.7	28.3	33.3	24.4
10-TZ-1254	10.0	25.0	36.7	23.9
11-TZ-4321	6.7	25.0	36.7	22.8
CSZ 1109	11.7	25.0	30.0	22.2
FAES 1317	11.7	23.3	30.0	21.7
FAES 1310	8.3	23.3	31.7	21.1
KSUZ 1201	8.3	23.3	30.0	20.6
FAES 1303	10.0	21.7	28.3	20.0
FAES 1309	10.0	23.3	26.7	20.0
09-TZ-53-20	10.0	21.7	26.7	19.4
FAES 1304	8.3	21.7	28.3	19.4
FAES 1305	6.7	21.7	26.7	18.3
ZEON	6.7	20.0	28.3	18.3
DALZ 1301	10.0	18.3	25.0	17.8
FAES 1308	6.7	20.0	25.0	17.2
09-TZ-54-9	6.7	18.3	25.0	16.7
A-1	5.0	18.3	26.7	16.7
MEYER	8.3	18.3	23.3	16.7
LSD VALUE	3.5	5.4	7.0	4.1
C.V. (%)	20.5	13.1	13.1	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 33.

PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS CULTIVARS 1/
AT KNOXVILLE, TN 2/
2013 DATA

NAME	7_2	7_15	7_24	8_9	8_14	8_20	9_3	9_17	10_10	MEAN
FAES 1316	12.0	14.3	20.0	34.3	41.3	49.3	66.7	80.7	94.0	45.9
FAES 1314	9.7	11.3	15.3	33.0	42.3	50.0	72.7	80.3	95.3	45.6
DALZ 1303	9.3	10.7	15.0	26.3	40.0	50.0	72.3	79.7	98.0	44.6
FAES 1318	10.7	12.0	16.7	31.0	38.3	47.7	68.0	76.7	93.0	43.8
EMPIRE	9.7	11.3	15.7	28.3	36.7	46.7	61.0	74.3	97.7	42.4
GGZ 504	10.7	12.3	16.3	26.0	36.0	45.0	61.7	74.7	98.3	42.3
FAES 1329	10.3	11.3	17.0	29.0	39.3	47.3	60.7	68.3	95.7	42.1
CSZ 1105	10.0	10.3	15.7	24.3	32.3	43.3	61.0	74.3	92.7	40.4
FAES 1313	10.0	11.0	14.3	28.0	34.3	41.3	58.0	72.3	94.7	40.4
FAES 1303	10.0	10.7	13.7	24.3	31.7	41.3	57.0	72.3	95.7	39.6
FAES 1319	10.3	11.0	14.0	26.7	31.7	39.3	54.3	69.3	85.0	38.0
FAES 1322	8.7	10.0	12.7	24.3	31.0	39.7	54.3	67.3	90.7	37.6
FAES 1310	9.7	10.7	13.7	19.7	28.3	33.7	56.0	70.0	94.7	37.4
FAES 1306	9.7	10.7	14.3	20.3	29.3	39.7	53.3	66.7	89.0	37.0
FAES 1315	9.0	10.3	15.0	25.3	32.3	42.0	53.3	65.0	77.3	36.6
FAES 1317	10.0	10.3	13.3	23.3	27.7	38.3	51.3	65.0	84.3	36.0
FAES 1304	10.0	11.3	14.3	22.3	28.7	35.7	45.3	63.0	88.0	35.4
FAES 1328	8.7	10.7	14.3	25.0	34.3	40.7	48.3	53.3	82.3	35.3
FAES 1312	10.3	11.3	14.7	21.3	27.0	32.7	46.0	60.0	78.0	33.5
DALZ 1302	6.7	5.3	8.7	17.0	25.0	32.3	39.3	58.3	98.0	32.3
FAES 1305	9.7	10.3	14.3	22.7	27.0	32.3	41.0	51.3	80.7	32.1
11-TZ-4321	5.3	7.3	11.3	17.0	24.7	29.7	37.7	45.3	96.7	30.6
FAES 1307	9.7	10.0	13.3	20.3	24.0	33.7	42.3	53.7	68.3	30.6
ZEON	9.3	10.0	13.3	18.7	24.7	30.7	39.0	48.3	79.0	30.3
MEYER	8.3	10.3	13.0	18.7	23.3	28.0	35.3	44.0	85.0	29.6
CSZ 1109	9.7	10.3	14.3	19.7	24.0	27.7	36.7	46.3	68.7	28.6
10-TZ-35	5.0	5.7	8.7	12.3	20.0	24.7	31.0	41.3	97.0	27.3
10-TZ-1254	5.0	5.7	8.7	12.7	19.7	23.3	29.3	43.0	94.3	26.9
09-TZ-53-20	5.0	5.3	8.0	12.3	16.3	21.7	28.0	35.3	96.3	25.4
09-TZ-54-9	5.0	6.0	7.7	11.3	16.0	20.7	30.0	35.3	89.3	24.6
FAES 1309	9.7	10.3	12.3	17.0	19.3	22.7	33.7	41.0	50.7	24.1
FAES 1308	8.7	9.7	11.7	17.0	19.0	21.7	31.0	35.0	40.0	21.5
A-1	5.0	5.0	6.7	11.3	13.7	18.0	25.3	31.3	75.3	21.3
DALZ 1301	5.0	5.0	7.7	11.7	14.7	18.3	25.0	29.3	70.7	20.8
KSUZ 1201	5.0	5.0	7.0	11.7	14.0	17.3	23.7	31.0	54.0	18.7
LSD VALUE	1.1	0.9	1.4	2.3	4.3	4.2	5.7	6.6	17.5	3.6
C.V. (%)	8.8	6.5	7.2	7.5	10.7	8.4	8.4	7.9	12.9	7.2

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

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

TABLE 34. PERCENT ESTABLISHMENT RATINGS OF ZOYSIAGRASS CULTIVARS 1/
AT COLLEGE STATION, TX 2/
2013-14 DATA

NAME	PERCENT ESTABLISHMENT IN 20013			PERCENT ESTABLISHMENT IN 20014			MEAN
	AUGUST	SEPTEMBER	OCTOBER	APRIL	MAY	JUNE	
EMPIRE	30.0	66.7	78.3	90.0	97.7	99.0	76.9
DALZ 1302	30.0	63.3	73.3	85.0	96.3	99.0	74.5
FAES 1307	23.3	63.3	76.7	88.3	96.0	99.0	74.4
10-TZ-35	28.3	61.7	75.0	86.7	94.7	97.7	74.0
FAES 1306	25.0	56.7	76.7	88.3	96.3	99.0	73.7
GGZ 504	21.7	46.7	66.7	80.0	93.3	99.0	67.9
CSZ 1105	28.3	45.0	63.3	81.7	88.3	93.0	66.6
FAES 1322	23.3	50.0	58.3	75.0	93.3	96.0	66.0
DALZ 1303	25.0	50.0	65.0	75.0	84.7	91.0	65.1
FAES 1310	20.0	40.0	55.0	80.0	93.0	99.0	64.5
FAES 1319	25.0	38.3	53.3	76.7	93.3	97.7	64.1
FAES 1303	23.3	36.7	50.0	71.7	92.7	97.7	62.0
FAES 1317	18.3	43.3	55.0	70.0	75.0	91.3	58.8
FAES 1318	21.7	36.7	50.0	68.3	80.0	91.7	58.1
FAES 1329	23.3	33.3	43.3	61.7	83.3	93.3	56.4
FAES 1314	20.0	35.0	50.0	53.3	80.0	94.7	55.5
10-TZ-1254	18.3	31.7	46.7	60.0	80.0	90.0	54.4
09-TZ-54-9	13.3	23.3	38.3	68.3	83.0	92.7	53.2
FAES 1312	25.0	36.7	43.3	61.7	66.7	85.0	53.1
FAES 1316	20.0	26.7	40.0	56.7	73.3	90.0	51.1
FAES 1313	18.3	28.3	36.7	58.3	70.0	93.0	50.8
ZEON	16.7	30.0	40.0	53.3	73.3	86.3	49.9
FAES 1328	16.7	28.3	35.0	50.0	63.3	93.0	47.7
CSZ 1109	21.7	30.0	36.7	50.0	63.3	81.7	47.2
FAES 1308	20.0	26.7	36.7	53.3	63.3	78.3	46.4
FAES 1315	18.3	20.0	30.0	36.7	70.0	91.7	44.4
MEYER	20.0	31.7	36.7	40.0	60.0	76.7	44.2
09-TZ-53-20	10.0	21.7	30.0	46.7	63.3	86.7	43.1
A-1	10.0	21.7	33.3	43.3	56.7	76.7	40.3
FAES 1309	13.3	18.3	26.7	43.3	56.7	80.0	39.7
FAES 1305	13.3	23.3	26.7	36.7	56.7	80.0	39.4
DALZ 1301	16.7	25.0	30.0	36.7	50.0	73.3	38.6
FAES 1304	18.3	20.0	26.7	33.3	46.7	68.3	35.6
11-TZ-4321	10.0	16.7	18.3	31.7	46.7	75.0	33.1
KSUZ 1201	10.0	21.7	25.0	31.7	43.3	58.3	31.7
LSD VALUE	7.2	15.4	19.1	19.3	17.8	16.3	12.8
C.V. (%)	22.1	27.3	25.9	20.3	15.1	10.7	15.2

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

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

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR ZOYSIAGRASS CULTIVARS
2014 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	QUALITY MEAN 1/	MAXIMUM IN TOP 25% 2/
09-TZ-53-20	5.0	27.3
09-TZ-54-9	5.5	0.0
10-TZ-1254	5.5	0.0
10-TZ-35	5.5	9.1
11-TZ-4321	5.4	18.2
A-1	5.7	36.4
CSZ 1105	5.4	9.1
CSZ 1109	4.5	9.1
DALZ 1301	5.8	18.2
DALZ 1302	5.7	27.3
DALZ 1303	5.7	63.6
EMPIRE	5.8	36.4
FAES 1303	5.1	18.2
FAES 1304	6.0	36.4
FAES 1305	6.2	54.5
FAES 1306	5.2	27.3
FAES 1307	5.7	45.5
FAES 1308	4.4	0.0
FAES 1309	4.0	0.0
FAES 1310	5.2	27.3
FAES 1312	5.8	36.4
FAES 1313	5.8	27.3
FAES 1314	5.3	27.3
FAES 1315	5.6	18.2
FAES 1316	5.4	27.3
FAES 1317	5.5	18.2
FAES 1318	5.6	9.1
FAES 1319	6.4	90.9
FAES 1322	5.1	0.0
FAES 1328	5.1	0.0
FAES 1329	5.9	36.4
GGZ 504	5.2	9.1
KSUZ 1201	5.6	18.2
MEYER	5.4	27.3
ZEON	5.8	27.3
LSD VALUE	0.3	
C.V. (%)	12.0	

- */ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE 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.