

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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CONTENTS

2013 National Zoysiagrass Test - 2017 data

LOCATIONS SUBMITTING DATA FOR 2017.....	1
NATIONAL ZOYSIAGRASS TEST, 2013 Entries and Sponsors.....	2
Table A - 2017 Locations, Site Descriptions and Management Practices in the 2013 National Zoysiagrass Test.....	4
Table B - Locations and Data Collected in 2017.....	5
Table 1 - Mean Turfgrass Quality Ratings of Zoysiagrass Cultivars Grown at Twelve Locations in the U.S.....	8
Table 2 - Percent Ground Living Cover Ratings of Zoysiagrass Cultivars Grown under Traffic Stress at Raleigh, NC.....	9
Table 3 - Mean Turfgrass Quality and Other Ratings of Zoysiagrass Cultivars Grown under Shade at Riverside, CA.....	11
Table 4 - Mean Turfgrass Quality and Other Ratings of Zoysiagrass Cultivars Grown under Drought Stress at College Station, TX.....	12
Table 5 - Mean Turfgrass Quality, Large Patch and Other Ratings of Zoysiagrass Cultivars Grown at Columbia (Ancillary), MO.....	13
Table 6 - Genetic Color Ratings of Zoysiagrass Cultivars.....	14
Table 7 - Spring Greenup Ratings of Zoysiagrass Cultivars.....	15
Table 8 - Leaf Texture Ratings of Zoysiagrass Cultivars.....	16
Table 9 - Spring Density Ratings of Zoysiagrass Cultivars.....	17
Table 10- Summer Density Ratings of Zoysiagrass Cultivars.....	18
Table 11- Fall Density Ratings of Zoysiagrass Cultivars.....	19
Table 12- Percent Living Ground Cover (Spring) Ratings of Zoysiagrass Cultivars.....	20
Table 13- Percent Living Ground Cover (Summer) Ratings of Zoysiagrass Cultivars.....	21
Table 14- Percent Living Ground Cover (Fall) Ratings of Zoysiagrass Cultivars.....	22
Table 15- Winter Color Ratings of Zoysiagrass Cultivars.....	23
Table 16- Dollar Spot Ratings of Zoysiagrass Cultivars.....	24
Table 17- Brown Patch (Warm Temperature) Ratings of Zoysiagrass Cultivars.....	25
Table 18- Insect Damage Ratings of Zoysiagrass Cultivars.....	26
Table 19- Fall Color (September) Ratings of Zoysiagrass Cultivars.....	27

CONTENTS (continued)

Table 20-	Fall Color (October) Ratings of Zoysiagrass Cultivars.....	28
Table 21-	Fall Color (November) Ratings of Zoysiagrass Cultivars.....	29
Table 22-	Fall Color (December) Ratings of Zoysiagrass Cultivars.....	30
Table 23-	Seedhead Ratings of Zoysiagrass Cultivars.....	31
Table 24-	Winter Dormancy Ratings of Zoysiagrass Cultivars.....	32
Table 25-	Winter Kill Ratings of Zoysiagrass Cultivars.....	33
Table 26-	Vertical Cutting Recovery Ratings of Zoysiagrass Cultivars.....	34
Table 27-	Dollar Spot Ratings of Zoysiagrass Cultivars at Citra, FL.....	35
Table 28-	Dollar Spot Ratings of Zoysiagrass Cultivars at Raleigh, NC.....	36
Table 29-	Large Patch Disease Ratings of Zoysiagrass Cultivars at Fayetteville, AR.....	37
Table 30-	Seedhead Ratings of Zoysiagrass Cultivars at Dallas, TX.....	38
Appendix Table-	Summary of Turfgrass Quality Ratings of Zoysiagrass Cultivars...	39

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 2017

<u>State</u>	<u>Location</u>	<u>Code</u>
Alabama	Auburn	AL1
Arizona	Tucson	AZ1
Arkansas	Fayetteville	AR1
California	Riverside (Shade)	CA3
Florida	Jay	FL3
Florida	Citra	FL4
Georgia	Griffin	GA1
Indiana	West Lafayette	IN1
Kansas	Manhattan	KS1
Maryland	College Park	MD1
Missouri	Columbia (Disease)	MO1
North Carolina	Raleigh	NC1
North Carolina	Raleigh (Traffic)	NC2
Tennessee	Knoxville	TN1
Texas	Dallas	TX1
Texas	College Station (Drought)	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 2018

1/ Due to the unusually harsh winter of 2013, please note that some entries were replanted in spring/summer 2016 at selected locations (see next page).

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Due to the unusually harsh winter of 2013/2016, 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 2016. Therefore, please consider 2016 data from these locations with these considerations.

Carbondale, IL

THE FOLLOWING ENTRIES WERE REPLANTED IN SPRING 2016:

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 2016:

CSZ 1109, FAES 1308, FAES 1309

Griffin, GA

ALL ENTRIES WERE REPLANTED IN SPRING 2016.

W. Lafayette, IN

ALL ENTRIES WERE REPLANTED IN SPRING 2016.

Columbia, MO

ALL ENTRIES EXCEPT THE FOLLOWING TWO WERE REPLANTED IN SPRING 2016:

MEYER, KSUZ 1201

TABLE A. 2017 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN THE 2013 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
AZ1	-	-	-	-	-	-	-	-
CA3	SANDY LOAM	7.1-7.5	0-60	0-150	2.1-3.0	UNIFORM SHADE	1.1-1.5	ONLY DURING SEVERE STRESS
FL3	SANDY LOAM	6.1-6.5	61-150	0-150	2.1-3.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
FL4	-	-	-	-	-	-	-	-
GA1	SANDY CLAY LOAM	5.6-6.0	0-60	151-240	1.1-2.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
IN1	SILT LOAM AND SILT	6.6-7.0	0-60	0-150	-	FULL SUN	0.0-0.5	TO PREVENT STRESS
KS1	-	-	-	-	-	-	-	-
MD1	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	1.1-2.0	FULL SUN	1.1-1.5	ONLY DURING SEVERE STRESS
MO1	-	-	-	-	-	-	-	-
NC1	SILTY CLAY LOAM	6.1-6.5	61-150	0-150	1.1-2.0	FULL SUN	1.6-2.0	TO PREVENT DORMANCY
NC2	SILTY CLAY LOAM	6.1-6.5	61-150	0-150	1.1-2.0	FULL SUN	1.6-2.0	TO PREVENT DORMANCY
TN1	SILT LOAM AND SILT	6.1-6.5	0-60	0-150	3.1-4.0	FULL SUN	2.1-2.5	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	-	7.6-8.5	0-60	0-150	0.0-1.0	FULL SUN	1.6-2.0	TO PREVENT STRESS

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	X
AR1					X	X	X	X	X				X	X	X
AZ1			X	X	X	X	X	X	X	X	X	X	X	X	X
CA3	X	X	X	X	X	X	X	X	X	X	X	X	X		
FL3				X	X		X	X	X	X	X			X	
FL4	X	X	X	X		X	X	X	X	X	X	X	X	X	
GA1					X	X	X	X	X	X	X	X	X	X	
IN1				X	X	X	X	X	X	X			X	X	X
KS1					X	X	X	X		X				X	X
MD1					X	X	X	X	X	X					X
MO1				X	X	X	X	X	X	X	X			X	
NC1				X	X	X	X	X	X	X			X	X	X
NC2															
TN1				X	X	X	X	X	X	X	X		X		X
TX1				X	X	X	X	X	X	X			X	X	X
TX2				X	X	X	X	X	X	X			X	X	X

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2017

LOCATION	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR	DOLLAR SPOT	BROWN PATCH WARM TEMP.	INSECT RATINGS	FALL COLOR SEPTEMBER	FALL COLOR OCTOBER	FALL COLOR NOVEMBER	FALL COLOR DECEMBER
AL1														
AR1			X	X	X	X								
AZ1	X	X	X	X	X	X						X		
CA3		X					X							
FL3	X	X	X				X				X	X	X	
FL4	X	X		X	X		X	X	X	X				
GA1											X	X	X	X
IN1														
KS1														
MD1														
MO1	X											X	X	
NC1	X	X	X	X		X		X				X		
NC2														
TN1											X	X	X	
TX1													X	
TX2							X							

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2017

LOCATION	SEEDHEAD RATINGS	WINTER DORMANCY	WINTER KILL	LARGE PATCH	VERTICAL CUTTING RECOVERY	DOLLAR JUN	SPOT JUL	RATINGS AUG	RATINGS SEP	SEEDHEAD RATINGS MAR	RATINGS MAY	SEPT
AL1												
AR1				X								
AZ1	X	X		X	X							
CA3												
FL3												
FL4								X	X			
GA1												
IN1												
KS1												
MD1												
MO1				X								
NC1	X					X	X					
* NC2												
TN1												
TX1	X		X							X	X	X
TX2												

* MORE DATA FOR NC2 IN TABLE 2.

TABLE 1. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS
GROWN AT TWELVE LOCATIONS IN THE U.S. 1/
2017 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/														
NAME	ENTRY #	AL1	AR1	AZ1	FL3	FL4	GA1	IN1	KS1	MD1	NC1	TN1	TX1	MEAN
FAES 1305	15	6.8	8.4	6.1	6.3	5.4	5.8	6.7	6.5	7.7	4.6	6.6	6.9	6.5
FAES 1319	28	5.9	7.5	6.7	6.8	6.0	6.0	.	5.3	7.7	6.4	6.3	6.7	6.5
FAES 1313	22	6.7	7.7	7.0	6.4	5.9	5.4	.	5.4	7.4	6.2	6.9	6.1	6.5
DALZ 1301	32	4.9	8.1	5.8	6.4	5.5	6.3	6.9	5.9	8.3	4.9	6.4	7.0	6.4
FAES 1312	21	5.7	6.8	6.6	6.4	5.8	5.7	6.5	6.1	7.5	5.8	6.6	5.7	6.3
09-TZ-54-9	7	6.5	7.3	7.0	6.5	5.3	5.8	.	5.4	6.0	4.9	6.4	6.6	6.1
* ZEON	2	5.0	7.5	6.5	6.0	4.4	5.6	6.2	6.8	7.8	4.9	6.2	6.4	6.1
11-TZ-4321	9	5.8	6.4	6.1	6.4	5.2	6.1	5.4	5.7	7.3	6.3	6.0	5.7	6.1
DALZ 1302	33	5.7	6.1	6.2	6.2	5.4	5.8	6.3	5.7	6.6	5.8	6.3	6.0	6.0
10-TZ-1254	5	4.7	5.8	6.1	6.8	6.0	5.7	.	5.9	6.8	6.3	5.9	6.0	6.0
FAES 1322	29	5.5	6.7	5.9	6.5	6.1	5.9	.	4.0	.	4.9	6.5	7.3	5.9
FAES 1304	14	4.9	7.1	6.8	6.2	5.4	5.5	5.9	5.3	7.2	4.3	7.1	5.1	5.9
10-TZ-35	4	5.9	6.2	6.1	6.4	4.8	5.5	6.0	5.3	6.5	6.0	6.0	5.8	5.9
DALZ 1303	10	4.4	7.7	7.0	6.1	5.0	5.6	.	4.5	6.9	5.4	6.3	5.7	5.9
FAES 1318	27	5.4	6.8	6.9	6.2	4.7	5.8	.	5.5	6.7	5.0	6.0	5.4	5.9
* A-1	35	4.8	8.7	6.3	5.8	4.7	5.5	.	5.3	.	4.8	6.9	5.5	5.8
KSUZ 1201	34	5.0	7.4	5.4	6.1	3.3	5.1	6.5	6.1	7.2	6.1	6.3	5.1	5.8
FAES 1307	17	4.6	6.7	6.7	5.9	4.8	5.8	.	4.9	6.8	5.0	6.6	5.4	5.7
FAES 1316	25	4.3	6.6	6.4	6.0	4.5	5.5	.	5.7	7.1	5.1	6.8	5.3	5.7
FAES 1329	31	4.5	8.2	5.8	5.7	4.8	6.4	.	3.8	6.7	4.9	6.4	5.4	5.7
FAES 1317	26	5.9	5.5	6.6	5.9	3.1	5.2	.	4.6	7.1	5.2	7.2	5.1	5.6
* EMPIRE	3	4.8	5.9	6.1	6.4	4.6	5.7	4.8	5.5	6.0	6.0	6.0	4.5	5.5
FAES 1315	24	4.8	5.6	6.1	5.9	4.9	5.8	.	3.9	6.1	5.1	6.8	5.5	5.5
09-TZ-53-20	6	5.2	4.5	7.0	5.6	4.1	6.0	.	5.0	6.6	3.8	6.5	6.3	5.5
FAES 1328	30	4.6	6.4	5.4	5.8	3.8	5.6	.	5.5	6.8	4.7	6.8	5.0	5.5
FAES 1314	23	5.7	4.7	6.1	5.6	4.0	5.3	.	5.0	7.2	5.1	7.0	4.3	5.5
FAES 1303	13	4.8	6.2	6.4	5.4	4.6	5.3	.	.	.	3.7	6.5	5.6	5.4
FAES 1310	20	4.1	5.5	6.8	5.2	4.9	5.7	.	.	.	3.6	6.4	5.4	5.3
CSZ 1105	11	5.4	5.9	6.2	6.2	4.5	6.0	.	3.4	3.2	5.0	6.3	5.6	5.2
FAES 1306	16	4.4	6.1	6.0	5.1	4.8	5.5	.	.	.	4.1	6.0	4.9	5.2
* MEYER	1	2.7	6.9	6.2	6.0	2.3	4.9	6.3	5.5	4.9	4.7	6.3	5.3	5.2
GGZ 504	8	3.9	6.0	5.8	5.0	3.8	5.3	.	4.5	6.3	4.0	6.2	5.4	5.1
FAES 1309	19	4.7	1.5	6.6	6.3	5.4	5.5	.	.	.	2.9	5.9	5.7	4.9
CSZ 1109	12	4.4	4.3	6.2	5.3	4.2	4.8	.	.	.	3.0	6.0	5.4	4.9
FAES 1308	18	4.1	3.5	6.4	5.2	4.8	5.2	.	2.0	.	3.3	5.7	4.0	4.4
LSD VALUE		1.3	1.4	0.8	0.7	0.7	0.8	0.7	1.0	0.9	1.1	0.7	1.3	0.3
C.V. (%)		16.1	13.9	8.1	7.1	8.8	8.4	6.6	10.9	8.5	13.7	6.8	14.4	10.8

* / COMMERCIALY AVAILABLE IN THE USA IN 2018

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.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT RALEIGH, NC 1/
2017 DATA

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

NAME	PERCENT GROUND COVER											
	NO TRAFFIC AUG 25	TRAFFIC AUG 25	NO TRAFFIC SEPT 1	TRAFFIC SEPT 1	NO TRAFFIC SEPT 8	TRAFFIC SEPT 8	NO TRAFFIC SEPT 15	TRAFFIC SEPT 15	NO TRAFFIC SEPT 22	TRAFFIC SEPT 22	NO TRAFFIC SEPT 29	TRAFFIC SEPT 29
09-TZ-54-9	99.0	99.0	99.0	96.3	99.0	86.7	99.0	78.3	99.0	78.3	97.7	76.7
FAES 1304	96.0	97.7	97.7	97.7	97.7	90.0	96.0	83.3	96.0	78.3	96.0	73.3
FAES 1312	99.0	99.0	99.0	99.0	99.0	96.3	99.0	88.3	99.0	85.0	99.0	78.3
DALZ 1302	99.0	99.0	99.0	97.7	99.0	93.0	99.0	85.0	99.0	85.0	99.0	85.0
FAES 1322	99.0	99.0	99.0	99.0	99.0	96.3	99.0	88.3	99.0	85.0	99.0	78.3
FAES 1305	99.0	99.0	97.7	97.7	97.7	91.7	94.7	83.3	94.7	80.0	91.3	75.0
FAES 1315	99.0	99.0	99.0	99.0	99.0	88.3	99.0	75.0	99.0	73.3	99.0	70.0
FAES 1319	99.0	99.0	99.0	99.0	99.0	93.3	99.0	86.7	99.0	80.0	99.0	73.3
09-TZ-53-20	99.0	99.0	99.0	99.0	99.0	93.3	99.0	81.7	99.0	76.7	99.0	76.7
11-TZ-4321	99.0	99.0	99.0	99.0	99.0	96.3	99.0	88.3	99.0	83.3	97.7	76.7
10-TZ-35	99.0	99.0	99.0	99.0	99.0	96.3	99.0	93.3	99.0	91.7	99.0	85.0
A-1	99.0	99.0	97.7	97.7	97.7	95.0	96.0	81.7	94.3	73.3	94.3	68.3
EMPIRE	99.0	99.0	99.0	99.0	99.0	96.3	99.0	88.3	99.0	86.7	99.0	81.7
FAES 1313	99.0	99.0	99.0	99.0	99.0	93.3	99.0	81.7	99.0	78.3	99.0	76.7
10-TZ-1254	99.0	99.0	99.0	99.0	99.0	93.3	99.0	83.3	99.0	78.3	99.0	75.0
DALZ 1301	99.0	99.0	97.7	97.7	99.0	96.3	99.0	90.0	99.0	81.7	96.0	73.3
FAES 1316	99.0	99.0	99.0	99.0	99.0	90.0	99.0	75.0	99.0	71.7	99.0	68.3
FAES 1329	99.0	99.0	99.0	99.0	99.0	93.3	99.0	75.0	99.0	65.0	99.0	63.3
CSZ 1105	99.0	99.0	99.0	97.7	99.0	86.7	99.0	73.3	99.0	71.7	99.0	66.7
FAES 1328	99.0	99.0	99.0	99.0	99.0	90.0	99.0	78.3	99.0	73.3	99.0	70.0
FAES 1307	99.0	99.0	99.0	99.0	99.0	91.7	99.0	80.0	99.0	71.7	99.0	68.3
FAES 1309	99.0	97.7	99.0	93.3	99.0	73.3	99.0	61.7	99.0	58.3	99.0	58.3
FAES 1303	99.0	99.0	99.0	96.3	99.0	80.0	97.7	61.7	97.7	58.3	97.7	58.3
FAES 1306	99.0	99.0	99.0	96.3	99.0	83.3	97.7	68.3	97.7	66.7	97.7	65.0
FAES 1310	99.0	99.0	99.0	96.3	99.0	80.0	99.0	63.3	97.7	58.3	97.7	58.3
DALZ 1303	99.0	99.0	99.0	99.0	99.0	91.7	99.0	78.3	99.0	75.0	99.0	71.7
GGZ 504	99.0	99.0	99.0	99.0	99.0	88.3	99.0	66.7	99.0	66.7	97.7	63.3
FAES 1308	99.0	99.0	99.0	96.3	99.0	78.3	99.0	61.7	97.7	60.0	97.7	58.3
FAES 1314	99.0	99.0	99.0	99.0	99.0	95.0	99.0	81.7	99.0	78.3	99.0	71.7
FAES 1317	99.0	99.0	99.0	99.0	99.0	95.0	99.0	80.0	99.0	76.7	99.0	73.3
FAES 1318	99.0	99.0	99.0	99.0	99.0	88.3	99.0	76.7	99.0	73.3	99.0	70.0
MEYER	99.0	99.0	99.0	99.0	99.0	91.7	99.0	81.7	99.0	80.0	99.0	75.0
KSUZ 1201	99.0	99.0	99.0	99.0	99.0	93.3	99.0	83.3	99.0	80.0	99.0	73.3
ZEON	99.0	99.0	96.3	95.0	96.3	90.0	94.7	73.3	94.7	68.3	91.3	65.0
CSZ 1109	97.7	69.7	97.7	63.3	97.7	53.3	93.0	38.3	90.0	38.3	89.7	38.3
LSD VALUE	3.2	24.8	2.6	18.6	2.2	15.3	4.0	12.5	4.4	10.7	7.0	10.8
C.V. (%)	1.0	8.2	1.0	8.2	0.9	9.5	1.9	10.1	2.3	9.3	3.2	9.5

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

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

TABLE 2. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT RALEIGH, NC 1/
2017 DATA

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

NAME	PERCENT GROUND COVER											
	NO TRAFFIC OCT 6	TRAFFIC OCT 6	NO TRAFFIC OCT 13	TRAFFIC OCT 13	NO TRAFFIC OCT 20	TRAFFIC OCT 20	NO TRAFFIC OCT 27	TRAFFIC OCT 27	NO TRAFFIC NOV 03	TRAFFIC NOV 3	NO TRAFFIC NOV 10	TRAFFIC NOV 10
09-TZ-54-9	97.7	70.0	97.7	68.3	96.3	66.7	95.0	60.0	85.0	50.0	78.3	40.0
FAES 1304	96.0	68.3	96.0	65.0	94.7	65.0	90.0	56.7	85.0	43.3	82.7	38.3
FAES 1312	99.0	75.0	99.0	71.7	99.0	65.0	91.7	63.3	86.7	48.3	76.7	36.7
DALZ 1302	97.7	76.7	97.7	71.7	96.3	66.7	93.0	60.0	90.0	48.3	81.7	35.0
FAES 1322	99.0	71.7	99.0	68.3	96.3	63.3	91.7	60.0	88.3	46.7	81.7	35.0
FAES 1305	88.3	68.3	85.0	63.3	81.7	58.3	78.3	51.7	73.3	41.7	63.3	33.3
FAES 1315	99.0	63.3	99.0	63.3	99.0	55.0	96.3	51.7	88.3	38.3	81.7	33.3
FAES 1319	99.0	70.0	99.0	66.7	99.0	63.3	93.3	60.0	90.0	43.3	83.3	33.3
09-TZ-53-20	99.0	71.7	99.0	68.3	99.0	60.0	95.0	55.0	90.0	43.3	83.3	31.7
11-TZ-4321	96.3	70.0	96.3	65.0	95.0	60.0	90.0	55.0	85.0	40.0	75.0	31.7
10-TZ-35	99.0	78.3	99.0	73.3	96.3	63.3	90.0	53.3	88.3	45.0	76.7	30.0
A-1	91.3	61.7	89.7	60.0	88.0	56.7	86.7	55.0	85.0	43.3	76.7	30.0
EMPIRE	99.0	73.3	99.0	70.0	99.0	61.7	93.3	56.7	93.3	43.3	81.7	30.0
FAES 1313	99.0	71.7	99.0	66.7	99.0	56.7	97.7	50.0	94.7	40.0	90.0	30.0
10-TZ-1254	99.0	68.3	99.0	63.3	99.0	58.3	96.3	53.3	90.0	43.3	86.7	28.3
DALZ 1301	94.7	65.0	96.0	58.3	88.3	55.0	83.3	50.0	78.3	38.3	71.7	28.3
FAES 1316	99.0	63.3	99.0	56.7	97.7	53.3	90.0	43.3	88.3	30.0	78.3	26.7
FAES 1329	99.0	56.7	99.0	56.7	97.7	55.0	93.0	51.7	91.7	33.3	81.7	25.0
CSZ 1105	99.0	63.3	99.0	61.7	99.0	58.3	95.0	50.0	91.7	36.7	86.7	23.3
FAES 1328	99.0	61.7	99.0	58.3	93.3	55.0	83.3	46.7	76.7	35.0	63.3	23.3
FAES 1307	99.0	65.0	99.0	61.7	97.7	53.3	93.3	46.7	88.3	31.7	81.7	21.7
FAES 1309	99.0	58.3	99.0	56.7	96.3	55.0	95.0	50.0	90.0	38.3	81.7	21.7
FAES 1303	97.7	55.0	97.7	53.3	96.0	50.0	94.7	45.0	90.0	31.7	83.3	18.3
FAES 1306	97.7	60.0	99.0	58.3	97.7	56.7	91.7	48.3	88.3	31.7	85.0	18.3
FAES 1310	99.0	55.0	99.0	53.3	97.7	50.0	91.7	41.7	88.3	26.7	81.7	18.3
DALZ 1303	99.0	70.0	97.7	63.3	97.7	55.0	93.3	50.0	88.3	33.3	80.0	16.7
GGZ 504	97.7	58.3	97.7	55.0	93.3	51.7	88.3	41.7	83.3	28.3	76.7	16.7
FAES 1308	97.7	55.0	97.7	55.0	96.3	53.3	91.7	45.0	86.7	26.7	81.7	15.0
FAES 1314	99.0	66.7	99.0	56.7	91.7	51.7	85.0	40.0	85.0	28.3	71.7	15.0
FAES 1317	99.0	63.3	99.0	58.3	99.0	48.3	97.7	40.0	95.0	25.0	90.0	15.0
FAES 1318	99.0	63.3	99.0	58.3	96.3	51.7	88.3	41.7	86.7	25.0	73.3	15.0
MEYER	99.0	65.0	99.0	60.0	93.3	53.3	80.0	48.3	71.7	26.7	58.3	15.0
KSUZ 1201	99.0	66.7	99.0	60.0	91.7	50.0	83.3	40.0	76.7	26.7	61.7	13.3
ZEON	90.0	58.3	90.0	56.7	90.0	50.0	83.3	38.3	83.3	21.7	70.0	13.3
CSZ 1109	88.0	35.7	92.7	32.3	90.0	32.3	86.7	27.3	81.7	19.0	75.0	10.0
LSD VALUE	5.5	13.3	5.5	14.0	6.2	13.6	6.8	13.4	8.1	11.7	8.5	9.6
C.V. (%)	3.2	11.7	3.2	12.6	3.8	12.8	4.6	15.3	5.6	19.7	6.9	24.4

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 3.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT RALEIGH, NC 1/
2017 DATA

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

NAME	GENETIC COLOR	SUMMER DENSITY	WINTER COLOR	JAN	FEB	MAR	APR	MAY	JUN	QUALITY RATINGS		SEP	OCT	NOV	DEC	MEAN
09-TZ-54-9	7.0	6.7	6.7	6.3	6.3	6.3	6.3	7.0	7.0	8.0	6.7	7.0	7.0	6.3	6.0	6.7
09-TZ-53-20	7.0	6.3	6.7	6.7	6.7	5.7	6.0	6.3	6.7	7.0	6.3	6.3	6.7	6.3	6.3	6.4
DALZ 1303	6.3	6.7	7.0	6.7	6.7	6.0	6.0	6.3	6.7	7.0	6.0	6.0	6.0	6.7	6.7	6.4
FAES 1329	6.0	6.3	6.7	6.7	6.7	6.0	6.0	6.0	6.3	7.3	6.0	6.0	6.0	6.0	6.0	6.3
FAES 1309	6.0	6.0	6.7	6.3	6.3	6.0	6.0	6.0	6.3	7.3	6.0	6.0	6.0	6.0	6.0	6.2
FAES 1322	6.7	6.0	6.3	6.0	6.0	6.0	6.3	6.3	6.3	7.3	6.0	6.0	6.0	6.0	6.0	6.2
FAES 1310	6.0	6.3	6.0	6.7	6.3	6.0	5.7	6.0	6.3	7.3	6.0	5.0	5.3	6.0	5.7	6.0
CSZ 1109	6.0	6.0	6.0	6.3	6.7	6.0	5.7	6.0	6.0	6.3	6.0	5.0	5.0	5.7	5.7	5.9
FAES 1303	6.0	6.0	6.3	6.7	6.7	6.0	6.0	6.0	6.0	6.7	5.3	4.7	5.0	5.7	6.0	5.9
FAES 1304	6.3	6.0	6.0	6.0	6.0	5.7	5.7	6.3	6.3	7.0	5.7	5.7	5.3	5.3	5.3	5.9
FAES 1318	6.3	5.7	6.0	5.7	5.7	5.7	5.3	5.7	6.3	6.3	6.0	6.3	6.3	6.0	6.0	5.9
A-1	6.3	6.3	6.0	5.7	5.7	6.0	6.0	6.0	6.3	6.3	6.0	5.0	5.0	5.7	5.7	5.8
FAES 1306	6.0	6.0	5.3	6.0	6.0	6.0	6.0	6.0	6.0	6.3	6.0	4.3	4.7	5.0	5.7	5.7
ZEON	6.0	5.7	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.7	6.0	5.0	5.0	5.3	5.3	5.7
DALZ 1301	6.0	5.7	5.3	6.0	6.0	6.0	6.3	6.3	5.7	6.0	5.7	4.3	4.7	5.3	5.3	5.6
FAES 1305	5.3	5.3	5.3	6.0	6.0	6.0	6.0	6.0	5.7	5.7	5.0	5.0	5.0	5.3	5.3	5.6
FAES 1307	6.0	5.7	6.0	6.0	6.0	5.7	5.7	5.7	5.7	6.3	5.7	5.0	5.3	5.3	5.3	5.6
FAES 1317	6.0	5.7	6.0	6.0	6.0	5.7	5.7	5.7	5.7	6.0	5.3	5.0	5.0	5.3	5.3	5.6
FAES 1319	5.7	5.7	6.0	5.7	5.7	5.3	5.7	5.7	5.7	6.0	5.3	5.3	5.3	5.7	5.7	5.6
10-TZ-35	6.3	5.7	5.0	5.7	5.7	5.3	5.3	5.7	5.7	6.0	5.7	4.7	5.0	5.3	5.3	5.4
11-TZ-4321	6.0	6.0	5.0	4.7	5.0	6.0	6.0	6.0	6.0	7.0	5.0	4.7	4.7	4.7	4.7	5.4
FAES 1308	5.7	5.3	5.3	5.7	5.7	6.0	5.7	5.7	5.3	6.0	5.3	4.3	4.7	5.0	5.0	5.4
FAES 1312	5.7	6.0	5.3	5.3	5.3	5.0	5.7	6.0	6.0	6.3	5.3	4.7	5.0	5.0	5.3	5.4
FAES 1314	5.3	5.3	5.3	6.0	6.0	5.0	5.0	5.0	5.3	6.0	5.3	5.0	5.3	5.3	5.3	5.4
FAES 1328	5.7	5.7	5.3	5.7	5.7	5.7	5.7	5.3	5.7	5.7	6.0	4.7	5.0	5.0	5.0	5.4
FAES 1315	5.7	6.0	5.7	6.0	6.0	5.7	5.7	5.7	6.0	6.3	5.3	3.7	4.0	4.3	4.3	5.3
DALZ 1302	6.0	5.0	5.3	6.0	6.0	5.3	5.0	5.0	5.3	5.7	5.3	4.3	4.7	4.7	4.7	5.2
KSUZ 1201	5.3	5.7	4.0	5.0	5.0	5.3	5.3	5.3	5.7	6.0	5.0	4.7	4.7	4.3	4.7	5.1
EMPIRE	5.3	5.3	5.0	5.3	5.3	4.7	5.3	5.3	5.7	6.0	4.7	4.3	4.3	5.0	4.3	5.0
GGZ 504	5.3	5.3	6.0	5.3	5.0	5.0	5.0	5.0	5.3	5.7	4.7	5.0	4.3	4.7	4.7	5.0
MEYER	5.0	5.5	5.0	4.5	5.0	4.5	4.5	5.0	5.5	6.0	5.5	4.5	5.0	4.5	4.5	4.9
10-TZ-1254	5.3	5.3	4.7	5.3	5.0	5.7	5.3	5.3	5.0	5.7	4.3	3.7	4.0	4.0	4.0	4.8
CSZ 1105	4.7	4.3	5.3	5.3	5.3	4.7	4.3	5.0	4.3	4.7	4.3	4.0	4.3	4.0	4.0	4.5
FAES 1316	5.0	5.0	4.0	5.0	5.0	4.5	4.5	4.5	5.0	5.0	4.5	3.5	3.5	4.0	4.0	4.4
FAES 1313	4.3	4.3	4.7	4.7	4.7	4.3	3.7	3.7	4.3	3.7	4.0	2.7	3.7	3.3	3.7	3.9
LSD VALUE	0.7	0.9	1.2	0.9	0.8	1.1	1.2	1.0	1.0	1.3	1.1	1.0	0.9	1.0	1.0	0.6
C.V. (%)	7.7	8.9	11.7	8.6	8.0	10.1	11.1	9.9	9.9	12.3	11.1	12.1	10.7	11.6	11.1	7.0

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

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

TABLE 4. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF ZOYSIAGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT RALEIGH, NC 1/
2017 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	WINTER COLOR	APR	MAY	JUN	QUALITY RATINGS				MEAN
								JUL	AUG	SEP	OCT	
FAES 1305	8.0	5.0	8.0	4.3	6.3	7.0	7.3	7.0	7.3	7.3	7.3	7.1
ZEON	7.0	5.3	8.0	5.0	6.0	7.7	7.0	6.7	7.0	7.3	7.3	7.0
FAES 1329	7.0	5.3	6.3	4.3	6.3	6.7	7.0	6.7	7.0	6.7	7.0	6.8
A-1	7.3	4.7	8.0	5.3	5.7	7.7	8.0	6.0	6.0	6.3	7.3	6.7
FAES 1319	6.7	6.0	6.0	5.0	5.7	6.7	6.7	6.7	6.7	6.7	7.0	6.6
DALZ 1303	5.7	5.3	6.7	4.3	6.0	6.3	5.7	6.0	7.0	6.7	7.0	6.4
FAES 1313	6.3	4.7	7.0	5.7	6.3	5.0	5.7	5.7	7.0	6.7	7.0	6.2
FAES 1317	7.0	5.3	5.7	5.3	5.7	5.7	6.0	6.7	6.3	6.7	6.3	6.2
FAES 1307	6.0	5.0	6.3	4.7	5.3	6.7	6.0	6.3	6.0	6.0	6.3	6.1
FAES 1308	6.0	4.0	7.0	4.0	6.0	5.3	6.0	5.7	6.0	7.0	6.7	6.1
CSZ 1105	6.3	4.0	6.3	5.0	4.7	5.7	5.7	6.3	6.3	7.0	6.0	6.0
FAES 1309	6.0	4.3	6.7	4.3	6.0	5.0	5.7	5.3	6.3	7.0	6.7	6.0
FAES 1322	6.0	4.7	5.7	4.7	5.3	6.0	5.3	6.7	6.0	6.3	6.0	6.0
FAES 1304	7.3	5.3	5.0	5.7	5.7	5.7	5.3	6.0	6.0	6.7	6.0	5.9
FAES 1315	7.0	5.7	6.0	5.7	5.7	6.0	5.7	5.7	5.7	6.7	6.0	5.9
KSUZ 1201	6.3	5.7	6.0	4.0	5.3	6.7	5.3	5.7	6.0	5.7	6.3	5.9
09-TZ-53-20	6.3	5.7	6.0	4.7	5.0	6.3	5.7	5.7	5.3	6.3	6.3	5.8
FAES 1310	6.0	3.0	7.0	4.3	4.0	5.0	6.3	6.0	5.7	7.3	6.3	5.8
FAES 1312	6.0	5.7	5.0	5.7	5.7	6.0	6.0	5.3	5.7	5.7	6.3	5.8
FAES 1318	5.7	4.7	6.0	5.0	5.3	5.3	5.3	6.0	6.7	5.7	6.3	5.8
MEYER	7.3	4.3	5.0	3.3	4.7	6.0	5.7	6.0	6.0	6.0	6.0	5.8
10-TZ-1254	7.0	5.3	5.0	5.7	5.0	6.0	5.3	5.3	5.7	6.7	6.0	5.7
CSZ 1109	6.7	3.3	6.3	4.3	4.0	5.0	5.3	6.0	6.0	6.7	6.7	5.7
DALZ 1301	6.0	6.0	6.7	4.0	5.0	6.7	6.0	5.0	5.3	6.0	6.0	5.7
FAES 1303	5.7	3.3	7.0	4.7	4.7	4.7	5.7	6.0	6.0	6.0	6.7	5.7
FAES 1314	6.3	4.3	5.7	3.3	4.7	6.0	5.3	6.0	6.3	6.0	5.3	5.7
GGZ 504	6.0	5.0	6.0	5.0	5.0	5.7	6.0	5.3	5.7	6.0	6.0	5.7
11-TZ-4321	6.7	4.3	5.3	4.7	5.0	5.0	5.0	5.7	6.3	6.0	6.0	5.6
DALZ 1302	6.7	5.7	5.0	5.7	5.3	5.7	5.0	5.7	5.7	6.0	6.0	5.6
FAES 1328	6.0	5.0	5.3	3.7	5.3	5.7	5.3	5.3	5.7	6.0	5.7	5.6
09-TZ-54-9	6.3	5.0	5.7	5.0	5.0	5.7	5.3	5.0	5.3	6.3	6.0	5.5
10-TZ-35	6.3	5.0	5.0	4.3	4.7	5.7	5.0	5.3	5.7	6.3	5.7	5.5
EMPIRE	6.0	5.0	5.0	4.3	5.0	5.3	5.0	5.7	6.0	5.7	5.7	5.5
FAES 1306	5.7	3.3	6.7	4.3	4.0	5.0	5.3	5.7	5.7	6.3	6.3	5.5
FAES 1316	5.7	5.0	5.0	4.0	4.7	5.0	5.7	5.3	5.7	6.0	6.0	5.5
LSD VALUE	1.2	1.0	0.8	1.1	1.4	1.0	1.1	1.9	2.8	1.3	0.9	0.7
C.V. (%)	9.9	12.6	8.7	13.5	13.8	10.0	11.1	12.5	14.3	9.5	8.2	6.7

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

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

TABLE 5.

MEAN TURFGRASS QUALITY, LARGE PATCH AND OTHER RATINGS OF
ZOYSIAGRASS CULTIVARS GROWN LARGE PATCH AT COLUMBIA, MO 1/
2017 DATA

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

NAME	SPRING GREENUP	SPRING DENSITY	LARGE PATCH	FALL COLOR OCTOBER	RETENTION NOVEMBER	APR	MAY	JUN	QUALITY RATINGS				OCT	NOV	MEAN
									JUL	AUG	SEP				
DALZ 1301	6.7	5.5	6.3	6.3	7.7	6.0	6.7	7.3	7.0	7.0	7.3	6.0	7.3	6.8	
KSUZ 1201	5.7	5.7	4.3	5.0	6.0	5.7	6.7	7.0	6.7	6.7	6.7	6.0	6.0	6.4	
FAES 1305	8.0	5.3	6.7	6.7	7.0	5.7	5.7	7.0	6.3	6.7	6.3	6.3	6.3	6.3	
MEYER	7.3	5.0	3.7	4.3	4.3	4.7	4.3	4.7	6.3	6.7	6.0	5.7	6.0	5.5	
11-TZ-4321	4.7	5.0	6.0	6.3	6.7	4.0	4.0	4.3	4.3	4.7	6.0	5.7	5.3	4.8	
FAES 1319	4.3	4.0	8.7	6.7	6.7	4.3	4.0	4.7	4.3	4.7	5.0	5.7	6.0	4.8	
FAES 1312	3.3	4.5	6.0	6.0	6.0	3.0	3.0	3.7	4.0	4.0	4.0	4.0	4.0	3.7	
10-TZ-35	2.7	2.0	.	6.0	7.5	1.7	1.3	1.7	1.0	3.0	3.7	4.7	3.7	2.6	
DALZ 1302	1.0	2.0	.	5.0	6.0	1.3	1.3	1.7	1.3	1.7	2.3	2.3	2.3	1.8	
FAES 1309	1.0	.	.	6.0	7.0	1.0	1.0	1.0	1.3	1.3	1.0	1.7	2.0	1.3	
DALZ 1303	1.0	.	.	.	.	1.0	1.3	1.0	1.7	1.7	1.0	1.0	1.0	1.2	
FAES 1306	1.0	2.0	.	.	.	1.7	1.0	1.7	1.0	1.0	1.0	1.0	1.0	1.2	
FAES 1328	1.0	2.0	.	.	.	1.0	1.3	1.0	1.0	1.7	1.0	1.0	1.0	1.1	
ZEON	1.0	.	.	.	.	1.0	1.0	1.0	1.0	1.3	1.0	1.0	1.3	1.1	
09-TZ-53-20	1.0	.	.	.	.	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
09-TZ-54-9	1.0	.	.	.	.	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
10-TZ-1254	1.0	.	.	.	.	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
A-1	1.0	.	.	.	.	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
CSZ 1105	1.0	.	.	.	.	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
CSZ 1109	1.0	.	.	.	.	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
EMPIRE	1.0	.	.	.	.	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
FAES 1303	1.0	.	.	.	.	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
FAES 1304	1.0	.	.	.	.	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
FAES 1307	1.0	.	.	.	.	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
FAES 1308	1.0	2.0	.	.	.	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
FAES 1310	1.0	.	.	.	.	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
FAES 1313	1.0	.	.	.	.	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
FAES 1314	1.0	.	.	.	.	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.0	
FAES 1315	1.0	.	.	.	.	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
FAES 1316	1.0	.	.	.	.	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
FAES 1317	1.0	.	.	.	.	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
FAES 1318	1.0	.	.	.	.	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
FAES 1322	1.0	.	.	.	.	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
FAES 1329	1.0	.	.	.	.	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
GGZ 504	1.0	2.0	.	.	.	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.0	
LSD VALUE	1.5	6.7	5.9	2.9	2.4	1.5	1.5	1.3	1.5	1.5	1.6	1.4	1.6	1.3	
C.V. (%)	49.0	44.4	38.5	17.5	14.7	54.8	52.5	43.9	52.0	46.7	50.3	45.1	48.6	45.0	

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 6. GENETIC COLOR RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2017 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/										
NAME	AL1	AR1	AZ1	FL4	GA1	IN1	NC1	TN1	TX1	MEAN
FAES 1316	8.0	7.3	6.7	6.7	6.0	.	7.0	6.7	5.3	6.7
FAES 1314	7.3	7.3	6.7	7.3	6.0	.	7.3	6.3	5.0	6.7
FAES 1313	8.3	7.0	6.0	6.7	5.7	.	7.3	7.3	4.7	6.6
FAES 1304	6.7	7.7	6.0	6.3	6.3	7.0	6.7	8.0	4.7	6.6
11-TZ-4321	6.7	5.3	7.0	7.7	6.3	7.0	7.7	5.0	5.7	6.5
FAES 1329	6.0	8.3	6.7	5.3	6.7	.	7.3	6.3	5.0	6.5
KSUZ 1201	6.7	7.7	6.0	5.3	6.3	6.0	8.0	6.3	5.7	6.4
A-1	7.3	8.7	6.7	5.0	6.3	.	7.0	5.3	5.0	6.4
FAES 1305	6.7	7.7	5.7	6.7	6.0	6.0	7.3	5.3	6.0	6.4
MEYER	6.0	6.0	7.0	5.0	5.7	7.7	8.0	6.3	5.3	6.3
DALZ 1301	5.3	7.7	6.0	7.7	7.0	5.7	7.0	4.7	6.0	6.3
FAES 1319	6.0	5.3	7.0	6.7	7.0	.	6.7	6.7	5.3	6.3
FAES 1317	6.3	5.3	7.0	5.3	6.0	.	7.0	7.7	5.7	6.3
FAES 1310	6.0	7.7	6.0	6.7	5.7	.	6.7	7.0	4.3	6.3
10-TZ-1254	6.3	5.7	7.0	6.7	6.0	.	6.7	6.7	4.7	6.2
FAES 1303	6.0	8.0	5.3	6.7	6.0	.	6.7	6.7	4.3	6.2
FAES 1322	4.0	5.7	6.3	8.0	7.0	.	6.7	6.7	5.3	6.2
FAES 1306	5.7	6.7	5.7	6.7	6.0	.	7.0	7.0	4.7	6.2
FAES 1315	5.0	6.3	6.3	6.7	6.7	.	6.7	7.0	4.7	6.2
FAES 1318	7.3	6.3	5.7	6.0	6.0	.	6.7	6.0	4.7	6.1
FAES 1328	5.7	5.7	7.0	5.3	6.7	.	7.0	6.3	4.7	6.0
CSZ 1109	6.0	7.3	5.7	6.0	5.7	.	6.7	6.3	4.3	6.0
EMPIRE	6.7	4.0	7.0	6.3	6.7	6.0	6.7	6.7	4.0	6.0
FAES 1312	4.7	5.3	6.7	7.0	6.3	6.7	7.0	5.7	4.7	6.0
09-TZ-53-20	5.0	6.7	6.7	5.3	6.3	.	6.3	7.0	4.3	6.0
FAES 1307	5.7	6.3	5.7	6.3	6.3	.	6.7	6.3	4.3	6.0
09-TZ-54-9	4.3	7.3	6.0	6.3	6.0	.	6.0	6.0	5.3	5.9
FAES 1308	5.7	7.3	6.0	7.0	6.0	.	6.7	4.3	4.3	5.9
10-TZ-35	5.7	4.0	6.0	6.7	6.3	6.0	6.7	6.3	4.7	5.8
CSZ 1105	6.3	6.3	5.3	5.7	6.0	.	6.3	6.0	4.3	5.8
GGZ 504	4.0	6.0	6.0	5.7	6.3	.	6.3	6.3	5.3	5.8
ZEON	5.0	5.3	5.7	5.3	6.3	6.3	7.0	4.7	5.7	5.7
DALZ 1302	5.7	4.3	6.3	6.0	6.0	6.3	6.3	5.7	4.3	5.7
DALZ 1303	5.0	6.3	5.0	5.7	6.0	.	6.3	5.3	4.7	5.5
FAES 1309	5.7	1.0	5.0	5.7	6.0	.	6.7	4.7	4.3	4.9
LSD VALUE	2.1	0.9	1.4	1.0	0.9	0.9	0.9	1.6	0.9	0.4
C.V. (%)	22.0	9.0	13.8	9.7	9.0	9.0	8.2	16.3	11.8	13.0

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

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

TABLE 7. SPRING GREENUP RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2017 DATA

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

NAME	AL1	AR1	AZ1	FL3	FL4	GA1	IN1	KS1	NC1	TX1	MEAN
MEYER	4.0	5.0	6.7	4.7	3.3	6.3	7.3	6.7	5.7	1.3	5.1
10-TZ-1254	3.3	6.0	5.3	6.3	6.3	6.7	.	2.0	4.0	5.0	5.0
DALZ 1301	2.0	7.7	6.0	5.3	7.3	7.0	5.7	1.0	5.3	2.7	5.0
DALZ 1302	3.3	6.7	5.0	5.3	6.3	5.7	5.0	2.0	5.0	3.7	4.8
FAES 1319	2.3	6.7	6.0	6.0	7.3	5.0	.	1.0	4.0	4.7	4.8
FAES 1312	4.0	6.7	7.0	5.0	7.3	6.0	4.0	1.7	3.7	2.0	4.7
FAES 1316	2.7	5.7	6.7	5.0	6.0	6.0	.	2.0	3.3	4.0	4.6
11-TZ-4321	2.0	4.3	6.0	5.3	6.7	6.7	5.3	3.3	4.0	2.0	4.6
FAES 1305	3.0	6.7	6.3	5.0	7.0	4.0	5.3	1.3	4.0	2.7	4.5
09-TZ-54-9	2.7	4.7	4.7	6.0	7.0	5.0	.	1.0	5.7	3.7	4.5
ZEON	4.0	5.3	6.3	4.7	6.7	4.3	4.7	1.3	3.7	3.7	4.5
A-1	3.7	7.3	7.0	4.0	6.3	4.3	.	1.0	2.7	3.3	4.4
FAES 1313	4.3	5.0	5.7	5.3	7.3	4.0	.	1.0	2.7	4.0	4.4
KSUZ 1201	3.7	6.7	3.3	4.3	4.7	4.3	7.0	5.0	3.7	1.0	4.4
10-TZ-35	2.0	6.3	5.0	5.3	6.3	5.3	5.0	1.7	3.7	3.0	4.4
FAES 1322	4.0	3.7	4.3	6.0	7.0	5.0	.	1.0	3.3	4.7	4.3
FAES 1304	3.7	5.7	5.3	5.3	7.0	5.0	4.0	1.0	3.0	3.0	4.3
FAES 1318	2.0	5.7	6.7	5.7	6.0	5.0	.	1.3	3.0	2.7	4.2
EMPIRE	2.3	6.7	6.0	5.0	6.0	4.7	4.0	1.0	4.0	2.3	4.2
FAES 1315	3.3	4.7	6.3	5.0	5.7	4.0	.	1.0	3.7	3.0	4.1
FAES 1307	3.3	4.7	4.7	4.3	6.0	5.0	.	1.3	3.7	2.7	4.0
DALZ 1303	2.3	5.0	4.7	5.3	6.3	4.0	.	1.0	3.0	3.3	3.9
FAES 1317	2.0	5.3	5.7	5.0	4.3	5.7	.	1.0	3.3	2.7	3.9
09-TZ-53-20	2.0	4.0	5.7	4.7	5.7	4.7	.	1.0	3.7	3.3	3.9
FAES 1309	2.3	1.0	6.0	5.3	6.3	4.0	.	.	3.0	2.7	3.8
CSZ 1109	2.0	3.7	5.3	4.3	6.3	4.0	.	.	2.3	1.7	3.7
FAES 1328	2.3	5.7	4.7	5.0	6.0	4.0	.	1.3	2.3	2.0	3.7
GGZ 504	1.0	5.3	5.7	4.0	5.3	5.3	.	1.0	3.0	2.7	3.7
CSZ 1105	2.3	3.7	6.3	4.7	5.7	2.3	.	1.0	3.3	2.3	3.5
FAES 1308	2.7	2.0	5.3	4.3	6.0	5.7	.	1.0	3.0	1.3	3.5
FAES 1306	2.3	2.0	5.3	3.7	6.3	2.7	.	.	3.0	2.0	3.4
FAES 1303	2.3	2.7	5.0	4.0	6.7	3.7	.	1.0	3.0	2.3	3.4
FAES 1314	1.7	3.7	5.7	4.3	6.3	3.0	.	1.0	3.0	2.0	3.4
FAES 1310	2.0	2.3	5.0	4.0	6.0	2.7	.	.	3.0	2.0	3.4
FAES 1329	2.3	3.0	4.0	4.0	6.3	3.0	.	1.0	3.0	1.7	3.1
LSD VALUE	1.4	1.6	1.7	1.0	1.2	2.3	1.7	1.1	1.2	1.6	0.5
C.V. (%)	31.6	20.1	19.4	13.2	12.5	31.2	19.8	38.5	21.4	35.2	22.8

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 8. LEAF TEXTURE RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2017 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/										
NAME	AL1	AR1	AZ1	IN1	KS1	MD1	NC1	TN1	TX1	MEAN
FAES 1305	8.3	9.0	8.7	8.0	9.0	9.0	8.0	2.3	7.3	7.7
ZEON	8.7	9.0	8.0	7.3	9.0	9.0	8.0	2.0	8.0	7.7
A-1	8.3	9.0	8.7	.	9.0	.	8.0	2.0	7.7	7.5
DALZ 1301	8.0	8.7	8.0	7.0	9.0	9.0	8.0	2.0	7.0	7.4
DALZ 1303	6.0	8.3	7.7	.	9.0	8.0	8.0	2.0	7.0	7.0
FAES 1308	8.7	8.3	9.0	.	5.0	.	8.0	2.0	7.7	7.0
FAES 1303	7.7	8.3	8.3	.	.	.	8.0	2.3	7.0	6.9
CSZ 1109	6.7	8.3	8.7	.	.	.	8.0	2.3	7.3	6.9
FAES 1310	7.7	8.7	8.0	.	.	.	8.0	2.0	7.0	6.9
FAES 1306	7.0	8.3	8.3	.	.	.	8.0	2.0	7.3	6.8
FAES 1329	5.3	8.0	7.0	.	8.7	8.0	7.7	3.0	7.0	6.8
FAES 1313	6.3	7.3	7.3	.	8.3	7.7	7.3	3.0	6.7	6.8
CSZ 1105	6.0	7.3	8.0	.	8.0	7.0	7.3	2.7	7.0	6.7
FAES 1315	5.7	7.7	7.0	.	8.0	8.0	7.3	2.7	6.0	6.5
FAES 1307	4.7	7.3	6.7	.	7.7	7.7	7.3	2.7	6.3	6.3
KSUZ 1201	4.7	7.0	6.0	6.7	8.0	7.0	7.0	3.0	6.3	6.2
09-TZ-53-20	5.0	7.0	6.0	.	8.0	7.0	7.3	2.0	6.0	6.0
FAES 1314	4.3	6.3	6.3	.	7.3	7.0	7.3	3.0	6.0	6.0
FAES 1318	3.3	7.0	6.7	.	7.3	7.0	7.3	3.0	6.0	6.0
09-TZ-54-9	3.7	6.7	6.0	.	7.3	7.0	8.0	3.0	5.7	5.9
FAES 1317	4.3	6.3	6.0	.	6.3	7.0	7.0	3.0	6.3	5.8
GGZ 504	4.0	6.0	6.7	.	6.7	7.0	7.0	3.0	6.0	5.8
FAES 1319	3.7	6.7	6.0	.	6.3	7.0	7.0	3.0	6.0	5.7
FAES 1316	3.3	6.7	5.7	.	7.0	7.0	7.0	3.0	5.7	5.7
FAES 1322	3.0	7.0	6.0	.	7.0	7.0	6.7	3.3	5.3	5.7
MEYER	2.0	7.0	6.0	5.0	7.0	7.0	7.0	3.3	6.0	5.6
FAES 1304	3.0	6.0	6.0	5.3	7.0	7.0	7.0	3.0	5.7	5.6
FAES 1328	3.0	6.0	6.0	.	6.3	6.0	7.0	3.3	6.0	5.5
FAES 1312	3.0	6.3	5.3	5.3	7.0	6.0	7.0	3.0	6.0	5.4
FAES 1309	7.0	1.0	7.3	.	.	.	8.0	2.0	7.3	5.4
11-TZ-4321	2.3	5.7	5.3	4.3	6.7	6.0	7.0	3.7	5.3	5.1
10-TZ-1254	1.7	6.0	5.3	.	5.7	6.0	7.0	3.7	5.0	5.0
10-TZ-35	1.3	4.7	4.7	3.7	5.0	5.7	6.7	4.0	5.0	4.5
DALZ 1302	1.0	5.0	5.0	3.7	4.7	5.3	6.7	4.0	5.0	4.5
EMPIRE	1.0	5.0	5.0	2.7	5.0	5.3	7.0	4.0	5.0	4.4
LSD VALUE	1.4	0.7	0.9	0.9	0.9	0.4	0.5	0.5	0.6	0.3
C.V. (%)	17.8	6.6	8.2	10.8	7.2	3.6	4.4	11.5	6.0	8.2

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

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

TABLE 9. SPRING DENSITY RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2017 DATA

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

NAME	AZ1	FL3	FL4	NC1	MEAN
FAES 1319	7.0	6.0	8.0	6.7	6.9
09-TZ-54-9	7.3	6.0	7.0	7.3	6.9
FAES 1307	6.7	5.7	7.0	7.0	6.6
FAES 1313	7.0	6.0	7.0	6.3	6.6
DALZ 1303	7.3	6.3	6.7	5.7	6.5
10-TZ-1254	5.3	6.3	7.3	6.7	6.4
FAES 1305	6.7	5.7	6.7	6.7	6.4
FAES 1312	6.0	6.0	7.3	6.3	6.4
FAES 1304	6.3	6.3	7.7	5.0	6.3
11-TZ-4321	5.7	5.7	7.0	6.7	6.3
ZEON	6.3	5.3	6.3	7.0	6.3
DALZ 1301	4.7	6.3	6.7	7.0	6.2
FAES 1309	8.0	5.7	7.0	4.0	6.2
A-1	6.0	7.0	6.3	5.3	6.2
FAES 1308	8.7	5.0	6.0	4.0	5.9
FAES 1315	7.3	5.3	5.0	6.0	5.9
FAES 1318	6.7	6.0	5.7	5.0	5.8
09-TZ-53-20	7.3	5.3	5.3	5.3	5.8
DALZ 1302	4.7	5.3	7.0	6.3	5.8
FAES 1322	5.3	6.0	7.3	4.7	5.8
EMPIRE	5.3	5.7	6.0	6.0	5.8
FAES 1303	7.0	4.7	6.0	5.0	5.7
FAES 1316	6.0	6.0	5.3	5.3	5.7
FAES 1317	6.3	6.0	4.3	6.0	5.7
FAES 1310	7.7	5.0	5.7	4.0	5.6
10-TZ-35	5.0	5.3	6.3	5.7	5.6
CSZ 1105	6.0	6.3	5.3	4.7	5.6
FAES 1306	7.3	4.3	6.3	4.0	5.5
FAES 1314	4.0	6.0	6.7	5.3	5.5
FAES 1329	6.3	5.3	6.0	4.3	5.5
CSZ 1109	7.3	4.7	5.7	4.0	5.4
FAES 1328	3.7	5.0	5.7	5.3	4.9
MEYER	6.3	6.0	2.0	5.0	4.8
KSUZ 1201	2.7	4.7	4.0	7.7	4.8
GGZ 504	4.7	4.7	4.7	4.7	4.7
LSD VALUE	2.4	1.2	1.4	1.8	0.9
C.V. (%)	24.4	12.7	14.6	19.5	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 10. SUMMER DENSITY RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2017 DATA

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

NAME	AZ1	FL3	FL4	NC1	MEAN
DALZ 1303	7.7	7.0	5.0	6.7	6.6
DALZ 1301	7.0	7.3	5.3	6.7	6.6
FAES 1305	7.0	6.7	5.7	6.7	6.5
FAES 1306	8.3	7.0	5.7	5.0	6.5
FAES 1307	6.7	6.7	5.3	7.3	6.5
ZEON	7.0	7.0	5.0	7.0	6.5
09-TZ-54-9	6.3	6.0	6.0	7.3	6.4
10-TZ-1254	6.0	6.3	6.0	7.3	6.4
A-1	7.3	7.3	4.7	6.3	6.4
FAES 1308	8.0	7.0	5.3	5.3	6.4
FAES 1319	6.0	6.7	6.0	6.7	6.3
FAES 1313	6.7	6.3	5.0	7.3	6.3
KSUZ 1201	5.7	6.7	5.0	7.7	6.3
CSZ 1105	6.3	7.3	5.3	6.0	6.3
FAES 1312	5.7	7.0	5.3	7.0	6.3
FAES 1310	7.3	7.3	5.3	4.7	6.2
FAES 1314	6.7	6.7	5.0	6.3	6.2
FAES 1322	6.7	6.0	5.7	6.0	6.1
10-TZ-35	5.3	6.7	5.0	7.3	6.1
FAES 1303	7.3	7.0	5.0	5.0	6.1
FAES 1315	6.3	7.0	5.0	6.0	6.1
FAES 1317	6.3	6.7	5.0	6.3	6.1
FAES 1318	6.0	7.0	5.0	6.3	6.1
11-TZ-4321	5.7	6.3	5.3	6.7	6.0
EMPIRE	5.3	6.3	5.3	7.0	6.0
FAES 1304	6.0	7.0	5.3	5.7	6.0
CSZ 1109	6.7	7.0	5.0	4.7	5.8
DALZ 1302	5.0	6.3	5.0	7.0	5.8
09-TZ-53-20	6.0	6.3	5.0	5.7	5.8
FAES 1316	6.0	6.3	5.0	5.7	5.8
FAES 1329	5.7	6.7	5.3	5.3	5.8
FAES 1309	7.0	6.3	5.3	4.3	5.8
MEYER	6.0	7.0	3.3	5.7	5.5
GGZ 504	6.0	6.0	4.0	5.7	5.4
FAES 1328	5.0	6.0	4.7	5.3	5.3
LSD VALUE	1.0	0.9	0.9	1.4	0.5
C.V. (%)	9.4	8.2	11.2	14.3	10.9

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 11. FALL DENSITY RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2017 DATA

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

NAME	AR1	AZ1	FL3	NC1	MEAN
ZEON	8.7	7.7	7.3	7.7	7.8
DALZ 1303	7.3	8.7	7.0	8.0	7.8
FAES 1313	8.0	7.0	6.7	8.3	7.5
FAES 1307	7.3	7.3	7.0	8.0	7.4
09-TZ-54-9	7.7	7.3	7.0	7.3	7.3
FAES 1329	8.0	6.3	7.7	7.3	7.3
A-1	8.3	5.3	7.3	7.7	7.2
FAES 1316	6.7	7.0	7.0	7.7	7.1
FAES 1318	6.7	7.3	6.7	7.7	7.1
FAES 1319	7.0	6.7	7.0	7.7	7.1
FAES 1303	8.0	7.0	7.0	6.0	7.0
FAES 1305	9.0	5.0	7.0	7.0	7.0
FAES 1306	7.0	7.0	7.7	6.3	7.0
FAES 1322	6.3	7.3	6.7	7.7	7.0
DALZ 1301	8.0	5.3	7.3	7.3	7.0
FAES 1310	5.7	8.0	8.0	6.0	6.9
CSZ 1105	6.7	5.7	7.3	7.7	6.8
FAES 1312	6.3	6.3	7.0	7.7	6.8
FAES 1314	5.7	7.3	7.0	7.3	6.8
FAES 1308	5.0	7.0	8.3	6.7	6.8
KSUZ 1201	7.0	5.7	6.3	8.0	6.8
FAES 1317	5.3	7.0	7.3	7.3	6.8
09-TZ-53-20	5.0	7.7	6.7	7.3	6.7
FAES 1304	6.7	7.0	6.7	6.3	6.7
MEYER	7.0	6.3	6.7	6.7	6.7
10-TZ-1254	5.7	6.0	6.7	8.0	6.6
DALZ 1302	6.0	6.7	6.0	7.7	6.6
EMPIRE	6.0	5.7	6.7	8.0	6.6
11-TZ-4321	5.7	6.3	6.3	7.7	6.5
GGZ 504	5.7	6.3	7.0	7.0	6.5
10-TZ-35	5.7	5.7	6.7	7.7	6.4
FAES 1328	6.7	5.3	6.3	7.0	6.3
CSZ 1109	4.0	7.3	7.3	6.0	6.2
FAES 1315	4.0	5.0	7.3	7.3	5.9
FAES 1309	1.0	7.0	6.7	5.7	5.1
LSD VALUE	2.1	1.5	1.0	1.2	0.7
C.V. (%)	20.3	14.4	8.6	9.9	13.7

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 12. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2017 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	AR1	AZ1	FL4	NC1	MEAN
FAES 1319	69.7	94.7	93.3	88.7	86.6
FAES 1312	70.0	91.7	90.0	81.0	83.2
09-TZ-54-9	52.3	92.7	93.3	89.0	81.8
FAES 1307	64.0	89.0	88.3	83.3	81.2
DALZ 1301	77.7	75.0	90.0	81.7	81.1
FAES 1305	58.0	90.7	88.3	86.7	80.9
FAES 1315	59.3	95.3	83.3	76.0	78.5
11-TZ-4321	45.3	80.0	91.7	93.7	77.7
DALZ 1303	43.3	97.0	90.0	76.7	76.8
10-TZ-1254	51.7	73.3	91.7	87.7	76.1
A-1	66.0	83.3	86.7	68.3	76.1
FAES 1304	50.0	89.7	90.0	74.3	76.0
09-TZ-53-20	62.0	86.7	75.0	79.3	75.8
DALZ 1302	58.0	66.7	91.7	84.3	75.2
EMPIRE	47.3	76.7	86.7	89.7	75.1
FAES 1316	50.7	88.3	78.3	81.7	74.8
FAES 1318	36.3	92.7	90.0	77.7	74.2
FAES 1313	36.0	92.3	90.0	78.3	74.2
ZEON	59.3	88.3	81.7	61.0	72.6
10-TZ-35	49.7	63.3	91.7	83.3	72.0
CSZ 1109	51.0	91.3	76.7	68.3	71.8
FAES 1322	54.0	66.7	95.0	65.0	70.2
FAES 1317	54.7	85.0	56.7	82.3	69.7
FAES 1303	40.3	84.3	76.7	75.7	69.3
GGZ 504	49.7	70.0	83.3	73.3	69.1
CSZ 1105	37.7	80.7	75.0	80.0	68.3
FAES 1308	27.7	97.3	83.3	65.0	68.3
FAES 1328	63.0	46.7	83.3	80.3	68.3
FAES 1306	36.7	86.7	83.3	65.0	67.9
FAES 1310	37.0	88.0	80.0	63.3	67.1
FAES 1309	2.7	98.0	91.7	73.3	66.4
FAES 1329	29.3	70.0	85.0	80.0	66.1
FAES 1314	46.0	50.0	86.7	76.0	64.7
MEYER	39.7	87.7	30.0	86.0	60.8
KSUZ 1201	54.7	18.3	63.3	92.7	57.3
LSD VALUE	19.4	29.5	15.4	20.9	10.9
C.V. (%)	24.3	22.7	11.5	16.5	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 13. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2017 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	AR1	AZ1	FL4	MEAN
FAES 1312	83.0	99.0	90.0	90.7
11-TZ-4321	87.3	94.0	90.0	90.4
FAES 1319	78.3	97.7	86.7	87.6
ZEON	86.3	99.0	76.7	87.3
FAES 1322	75.3	98.7	85.0	86.3
EMPIRE	69.7	99.0	88.3	85.7
09-TZ-53-20	85.3	99.0	71.7	85.3
FAES 1304	75.0	99.0	81.7	85.2
FAES 1310	73.3	99.0	83.3	85.2
09-TZ-54-9	69.0	99.0	86.7	84.9
10-TZ-35	68.3	97.7	88.3	84.8
FAES 1307	71.0	98.7	83.3	84.3
DALZ 1302	63.7	99.0	88.3	83.7
FAES 1318	68.0	99.0	83.3	83.4
FAES 1317	75.7	97.3	76.7	83.2
10-TZ-1254	63.7	99.0	86.7	83.1
FAES 1305	84.3	70.0	90.0	81.4
KSUZ 1201	73.3	96.0	75.0	81.4
DALZ 1303	62.0	99.0	81.7	80.9
FAES 1313	62.0	93.0	86.7	80.6
FAES 1306	61.0	97.0	83.3	80.4
FAES 1328	66.7	98.7	75.0	80.1
DALZ 1301	78.0	74.7	85.0	79.2
FAES 1315	71.0	83.3	83.3	79.2
GGZ 504	66.0	99.0	71.7	78.9
FAES 1316	47.0	99.0	83.3	76.4
A-1	72.3	80.0	76.7	76.3
FAES 1308	53.3	93.3	81.7	76.1
MEYER	80.7	97.7	48.3	75.6
CSZ 1105	48.7	91.0	83.3	74.3
FAES 1329	66.0	66.7	86.7	73.1
FAES 1314	49.0	99.0	70.0	72.7
FAES 1303	65.0	80.7	68.3	71.3
CSZ 1109	73.3	94.3	45.0	70.9
FAES 1309	18.0	96.3	65.0	59.8
LSD VALUE	22.2	17.8	16.7	11.0
C.V. (%)	20.2	11.8	13.1	14.7

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

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

TABLE 14. PERCENT LIVING GROUND COVER (FALL) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2017 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	AR1	AZ1	NC1	MEAN
09-TZ-53-20	84.0	98.7	96.3	93.0
09-TZ-54-9	80.3	98.7	96.3	91.8
FAES 1319	80.7	97.0	97.0	91.6
DALZ 1303	76.7	98.7	99.0	91.4
FAES 1304	81.3	99.0	94.0	91.4
FAES 1317	77.0	97.3	97.7	90.7
FAES 1307	75.7	98.7	97.0	90.4
FAES 1312	78.3	96.3	96.3	90.3
FAES 1313	74.3	97.7	97.7	89.9
10-TZ-1254	82.7	88.3	98.3	89.8
FAES 1322	79.0	91.7	97.7	89.4
FAES 1318	72.0	98.7	97.0	89.2
CSZ 1109	77.7	95.7	93.3	88.9
FAES 1310	75.3	98.7	91.7	88.6
11-TZ-4321	78.7	86.7	99.0	88.1
FAES 1305	79.7	87.7	97.0	88.1
FAES 1315	80.7	88.3	95.3	88.1
EMPIRE	77.3	87.7	98.3	87.8
GGZ 504	68.0	96.7	95.7	86.8
10-TZ-35	73.0	89.3	97.7	86.7
DALZ 1302	65.7	95.7	97.7	86.3
FAES 1306	74.3	90.0	94.7	86.3
MEYER	81.3	80.0	97.7	86.3
FAES 1303	75.3	90.7	91.7	85.9
ZEON	74.3	84.0	99.0	85.8
FAES 1316	60.3	97.7	97.7	85.2
A-1	75.3	83.3	96.3	85.0
KSUZ 1201	77.0	78.3	98.3	84.6
FAES 1329	71.0	86.3	95.7	84.3
CSZ 1105	73.7	76.7	96.3	82.2
FAES 1308	56.0	95.0	93.3	81.4
DALZ 1301	65.7	68.3	95.7	76.6
FAES 1328	61.0	62.7	97.0	73.6
FAES 1314	51.0	68.3	95.7	71.7
FAES 1309	15.0	97.3	91.7	68.0
LSD VALUE	18.2	23.7	3.6	10.0
C.V. (%)	15.6	16.4	2.4	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 15. WINTER COLOR RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2017 DATA

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

NAME	FL3	FL4	MEAN
FAES 1322	5.3	7.3	6.3
FAES 1304	4.3	7.3	5.8
10-TZ-1254	3.7	7.3	5.5
FAES 1319	3.3	7.7	5.5
FAES 1313	3.3	7.3	5.3
09-TZ-54-9	5.0	5.3	5.2
FAES 1309	3.7	6.3	5.0
FAES 1315	3.3	6.7	5.0
09-TZ-53-20	5.0	4.7	4.8
DALZ 1301	5.0	4.7	4.8
FAES 1303	3.0	6.7	4.8
FAES 1312	2.7	7.0	4.8
FAES 1305	4.3	5.0	4.7
DALZ 1302	3.3	5.3	4.3
FAES 1318	2.7	6.0	4.3
A-1	4.7	3.7	4.2
FAES 1308	1.3	7.0	4.2
FAES 1317	2.7	5.7	4.2
FAES 1329	3.0	5.3	4.2
11-TZ-4321	4.0	4.0	4.0
CSZ 1109	2.0	6.0	4.0
FAES 1306	1.3	6.7	4.0
FAES 1310	1.3	6.7	4.0
FAES 1314	2.0	6.0	4.0
10-TZ-35	2.0	5.7	3.8
DALZ 1303	2.3	5.3	3.8
FAES 1307	2.7	5.0	3.8
GGZ 504	2.3	5.3	3.8
CSZ 1105	2.3	5.0	3.7
FAES 1328	2.0	5.3	3.7
FAES 1316	2.0	4.7	3.3
KSUZ 1201	2.3	4.0	3.2
ZEON	2.3	4.0	3.2
EMPIRE	2.0	4.0	3.0
MEYER	2.7	3.3	3.0
LSD VALUE	1.0	1.4	0.9
C.V. (%)	21.5	15.5	17.8

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 16. DOLLAR SPOT RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2017 DATA

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

NAME	FL4	NC1	MEAN
10-TZ-1254	9.0	7.7	8.3
FAES 1312	8.0	8.0	8.0
FAES 1319	7.7	8.0	7.8
DALZ 1302	8.0	7.3	7.7
11-TZ-4321	8.3	6.3	7.3
KSUZ 1201	6.7	8.0	7.3
FAES 1322	8.0	6.3	7.2
FAES 1313	7.7	6.3	7.0
FAES 1315	6.7	7.3	7.0
FAES 1317	6.7	7.0	6.8
FAES 1318	7.0	6.7	6.8
FAES 1328	5.7	8.0	6.8
FAES 1316	7.3	6.3	6.8
EMPIRE	7.0	6.3	6.7
10-TZ-35	7.3	5.7	6.5
FAES 1329	7.0	6.0	6.5
MEYER	5.3	7.7	6.5
FAES 1305	7.3	5.0	6.2
FAES 1303	5.7	6.3	6.0
FAES 1306	6.3	5.7	6.0
GGZ 504	5.7	6.0	5.8
CSZ 1105	6.7	4.7	5.7
DALZ 1303	6.7	4.7	5.7
FAES 1310	6.3	5.0	5.7
DALZ 1301	6.3	4.7	5.5
FAES 1307	7.0	4.0	5.5
FAES 1304	6.7	4.0	5.3
FAES 1308	5.7	5.0	5.3
FAES 1314	6.0	4.7	5.3
09-TZ-53-20	6.0	4.3	5.2
A-1	5.0	5.3	5.2
ZEON	5.7	4.0	4.8
09-TZ-54-9	6.0	3.7	4.8
FAES 1309	5.0	4.0	4.5
CSZ 1109	2.7	4.0	3.3
LSD VALUE	2.0	1.9	1.4
C.V. (%)	19.0	20.2	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 17. BROWN PATCH (WARM TEMPERATURE) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2017 DATA

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

NAME	FL4
FAES 1306	8.7
FAES 1310	8.7
FAES 1303	8.3
FAES 1309	8.3
DALZ 1303	8.0
FAES 1304	8.0
FAES 1313	8.0
FAES 1308	7.7
09-TZ-53-20	7.3
09-TZ-54-9	7.3
FAES 1319	7.3
FAES 1322	7.3
FAES 1329	7.3
FAES 1307	7.0
FAES 1315	7.0
FAES 1317	7.0
CSZ 1109	6.7
10-TZ-1254	6.3
CSZ 1105	6.3
DALZ 1301	6.3
10-TZ-35	6.0
FAES 1305	6.0
FAES 1312	5.7
FAES 1318	5.7
GGZ 504	5.7
FAES 1314	5.3
DALZ 1302	5.0
FAES 1328	5.0
KSUZ 1201	4.7
ZEON	4.7
A-1	4.3
FAES 1316	4.3
11-TZ-4321	3.7
EMPIRE	3.7
MEYER	3.3
LSD VALUE	1.9
C.V. (%)	18.1

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

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

TABLE 18. INSECT DAMAGE RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2017 DATA

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

NAME	FL4
10-TZ-1254	9.0
11-TZ-4321	9.0
DALZ 1303	9.0
FAES 1305	9.0
FAES 1312	9.0
FAES 1319	9.0
10-TZ-35	8.7
A-1	8.7
DALZ 1301	8.7
DALZ 1302	8.7
EMPIRE	8.7
FAES 1304	8.7
FAES 1308	8.7
CSZ 1105	8.3
FAES 1307	8.3
FAES 1313	8.3
FAES 1315	8.3
FAES 1316	8.3
FAES 1318	8.3
FAES 1303	8.0
FAES 1322	8.0
CSZ 1109	7.7
FAES 1306	7.7
FAES 1310	7.7
KSUZ 1201	7.7
ZEON	7.7
09-TZ-54-9	7.0
FAES 1314	7.0
FAES 1317	7.0
GGZ 504	7.0
FAES 1329	6.7
FAES 1328	6.3
09-TZ-53-20	5.3
FAES 1309	5.3
MEYER	5.0
LSD VALUE	1.7
C.V. (%)	13.5

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

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

TABLE 19. FALL COLOR (SEPTEMBER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2017 DATA

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

NAME	FL3	GA1	TN1	MEAN
FAES 1317	7.0	6.3	7.7	7.0
FAES 1316	7.7	6.0	6.7	6.8
FAES 1304	6.3	6.0	8.0	6.8
FAES 1315	7.0	6.3	7.0	6.8
09-TZ-53-20	6.3	6.7	7.0	6.7
FAES 1313	6.7	6.0	7.3	6.7
EMPIRE	7.0	6.0	6.7	6.6
FAES 1319	6.7	6.3	6.7	6.6
FAES 1329	7.0	6.3	6.3	6.6
KSUZ 1201	7.3	6.0	6.3	6.6
10-TZ-1254	6.3	6.3	6.7	6.4
FAES 1328	7.0	6.0	6.3	6.4
11-TZ-4321	7.3	6.7	5.0	6.3
FAES 1306	6.0	6.0	7.0	6.3
FAES 1310	6.3	5.7	7.0	6.3
FAES 1314	6.7	6.0	6.3	6.3
FAES 1322	6.0	6.3	6.7	6.3
CSZ 1109	6.7	5.7	6.3	6.2
A-1	7.3	6.0	5.3	6.2
FAES 1305	7.0	6.3	5.3	6.2
MEYER	6.0	6.3	6.3	6.2
FAES 1312	7.0	5.7	5.7	6.1
CSZ 1105	6.0	6.3	6.0	6.1
FAES 1303	6.3	5.3	6.7	6.1
FAES 1307	6.0	6.0	6.3	6.1
GGZ 504	6.7	5.3	6.3	6.1
10-TZ-35	6.0	5.7	6.3	6.0
FAES 1309	6.7	6.7	4.7	6.0
FAES 1318	6.0	5.7	6.0	5.9
09-TZ-54-9	5.3	6.3	6.0	5.9
DALZ 1302	5.7	6.0	5.7	5.8
ZEON	6.7	6.0	4.7	5.8
DALZ 1301	5.7	6.3	4.7	5.6
DALZ 1303	5.3	6.0	5.3	5.6
FAES 1308	6.0	5.7	4.3	5.3
LSD VALUE	1.2	0.8	1.6	0.7
C.V. (%)	11.6	8.0	16.3	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 20. FALL COLOR (OCTOBER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2017 DATA

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

NAME	AZ1	FL3	GA1	NC1	TN1	MEAN
FAES 1304	7.0	7.0	6.0	7.0	7.7	6.9
FAES 1315	6.3	8.0	6.0	7.3	6.7	6.9
FAES 1313	6.3	7.7	6.0	7.3	6.7	6.8
FAES 1317	5.7	7.0	5.7	7.7	7.0	6.6
FAES 1329	6.3	7.7	6.3	6.3	6.3	6.6
09-TZ-54-9	7.7	6.0	6.3	7.0	5.7	6.5
FAES 1319	6.3	7.3	6.0	7.3	5.7	6.5
10-TZ-1254	6.0	8.3	5.7	6.7	5.7	6.5
FAES 1316	6.3	7.7	6.0	6.7	5.7	6.5
09-TZ-53-20	6.0	6.7	6.0	6.7	6.7	6.4
DALZ 1302	6.7	7.0	6.0	6.7	5.0	6.3
FAES 1328	6.7	7.7	6.0	5.0	6.0	6.3
EMPIRE	6.3	7.7	5.3	6.7	5.3	6.3
FAES 1314	6.7	6.7	5.7	6.3	6.0	6.3
10-TZ-35	6.7	7.3	5.7	6.3	5.0	6.2
FAES 1306	6.3	6.0	6.3	6.3	6.0	6.2
A-1	6.7	6.7	6.0	6.0	5.3	6.1
FAES 1307	6.0	6.7	5.7	6.3	6.0	6.1
CSZ 1105	5.3	6.3	6.3	7.3	5.3	6.1
11-TZ-4321	6.7	7.7	6.0	5.7	4.0	6.0
FAES 1303	5.7	6.0	6.0	6.0	6.3	6.0
FAES 1312	6.3	7.3	5.7	5.7	5.0	6.0
FAES 1322	5.3	6.3	5.7	7.0	5.7	6.0
GGZ 504	6.3	6.7	5.7	6.0	5.3	6.0
KSUZ 1201	6.7	7.3	6.0	5.3	4.7	6.0
FAES 1310	5.3	6.3	6.0	6.3	6.0	6.0
DALZ 1303	5.7	5.7	6.0	7.0	5.3	5.9
FAES 1318	6.0	7.0	6.0	5.7	5.0	5.9
CSZ 1109	6.0	6.3	6.0	6.0	5.3	5.9
FAES 1305	6.0	7.0	6.3	5.0	4.7	5.8
MEYER	6.3	6.7	6.0	5.7	4.3	5.8
FAES 1308	5.7	6.0	5.7	7.0	4.3	5.7
FAES 1309	5.3	7.0	6.0	6.3	4.0	5.7
ZEON	6.3	6.0	5.7	5.3	4.0	5.5
DALZ 1301	6.0	5.3	6.0	5.3	4.3	5.4
LSD VALUE	1.6	1.4	0.8	1.5	1.7	0.6
C.V. (%)	15.9	12.5	8.7	15.1	19.1	14.5

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

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

TABLE 21. FALL COLOR (NOVEMBER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2017 DATA

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

NAME	FL3	GA1	TN1	TX1	MEAN
09-TZ-53-20	6.0	6.0	7.0	6.3	6.3
FAES 1304	6.0	6.0	7.3	4.7	6.0
FAES 1313	6.7	5.3	6.0	5.7	5.9
FAES 1329	6.3	6.0	5.7	5.7	5.9
FAES 1315	6.0	6.0	6.0	5.3	5.8
A-1	7.3	5.7	4.7	5.0	5.7
CSZ 1109	6.7	5.3	5.0	5.7	5.7
FAES 1322	6.0	5.7	5.3	5.7	5.7
FAES 1319	6.3	6.0	5.0	5.3	5.7
FAES 1317	6.0	6.0	5.7	4.7	5.6
FAES 1307	6.0	5.7	5.3	5.3	5.6
FAES 1303	6.3	5.3	5.7	4.7	5.5
09-TZ-54-9	4.7	6.0	5.3	5.7	5.4
FAES 1306	6.0	5.3	5.7	4.7	5.4
FAES 1310	6.7	5.7	4.7	4.7	5.4
CSZ 1105	5.3	5.7	5.3	5.3	5.4
FAES 1312	6.3	5.7	4.3	5.0	5.3
FAES 1316	7.0	5.7	4.3	4.3	5.3
FAES 1328	6.7	5.7	5.7	3.3	5.3
FAES 1314	7.0	6.0	5.0	3.0	5.3
DALZ 1301	5.7	6.0	3.7	5.3	5.2
FAES 1305	7.0	5.7	3.0	5.0	5.2
DALZ 1303	5.0	5.3	5.0	5.3	5.2
11-TZ-4321	6.0	6.0	3.7	4.3	5.0
FAES 1308	5.0	5.0	5.0	5.0	5.0
GGZ 504	6.0	5.0	4.0	5.0	5.0
FAES 1309	5.7	5.3	3.7	5.0	4.9
10-TZ-35	5.0	5.7	4.0	4.7	4.8
10-TZ-1254	5.0	5.7	4.3	4.3	4.8
FAES 1318	5.0	6.0	4.3	4.0	4.8
DALZ 1302	4.7	5.7	4.7	4.0	4.8
EMPIRE	5.7	5.0	3.7	4.0	4.6
ZEON	6.0	5.3	3.3	3.7	4.6
KSUZ 1201	6.0	5.3	3.0	3.0	4.3
MEYER	4.7	5.3	1.3	3.7	3.8
LSD VALUE	1.0	0.9	2.0	1.1	0.6
C.V. (%)	10.8	9.5	25.7	13.8	15.3

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 22. FALL COLOR (DECEMBER) RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2017 DATA

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

NAME	GA1
FAES 1313	4.3
FAES 1315	4.3
FAES 1317	3.7
ZEON	3.7
10-TZ-1254	3.3
CSZ 1105	3.3
FAES 1303	3.3
FAES 1305	3.3
FAES 1308	3.3
FAES 1314	3.3
FAES 1304	3.0
FAES 1312	3.0
FAES 1316	3.0
FAES 1318	3.0
FAES 1329	3.0
GGZ 504	3.0
KSUZ 1201	3.0
10-TZ-35	2.7
11-TZ-4321	2.7
CSZ 1109	2.7
DALZ 1301	2.7
FAES 1322	2.7
MEYER	2.7
09-TZ-53-20	2.3
09-TZ-54-9	2.3
A-1	2.3
EMPIRE	2.3
FAES 1307	2.3
FAES 1309	2.3
FAES 1319	2.3
FAES 1328	2.3
DALZ 1303	2.0
FAES 1306	2.0
DALZ 1302	1.7
FAES 1310	1.3
LSD VALUE	1.4
C.V. (%)	31.5

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 23. SEEDHEAD RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2017 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/				
NAME	AZ1	NC1	TX1	MEAN
DALZ 1301	9.0	9.0	9.0	9.0
FAES 1308	9.0	9.0	9.0	9.0
FAES 1313	9.0	9.0	9.0	9.0
CSZ 1105	9.0	9.0	8.7	8.9
FAES 1306	9.0	9.0	8.7	8.9
FAES 1328	8.3	8.3	9.0	8.6
CSZ 1109	8.3	9.0	7.7	8.3
FAES 1312	9.0	9.0	7.0	8.3
FAES 1315	9.0	7.3	8.7	8.3
10-TZ-35	9.0	8.0	7.7	8.2
FAES 1322	8.3	7.0	8.7	8.0
11-TZ-4321	9.0	8.3	6.3	7.9
FAES 1314	9.0	8.7	6.0	7.9
FAES 1310	8.3	7.3	7.7	7.8
FAES 1307	8.7	9.0	5.7	7.8
FAES 1329	8.3	9.0	5.7	7.7
ZEON	6.3	9.0	7.7	7.7
FAES 1303	7.7	8.3	6.7	7.6
KSUZ 1201	8.3	9.0	5.3	7.6
A-1	8.3	9.0	4.7	7.3
EMPIRE	7.7	6.3	8.0	7.3
FAES 1305	8.7	9.0	4.0	7.2
FAES 1309	7.7	8.0	5.3	7.0
09-TZ-53-20	8.3	7.3	4.3	6.7
DALZ 1302	7.0	7.7	5.3	6.7
FAES 1319	6.7	9.0	3.0	6.2
FAES 1316	6.0	7.7	4.7	6.1
FAES 1317	5.7	8.0	4.7	6.1
10-TZ-1254	5.7	8.0	4.3	6.0
FAES 1304	6.7	8.3	3.0	6.0
GGZ 504	6.3	5.7	5.7	5.9
DALZ 1303	3.3	9.0	4.3	5.6
FAES 1318	6.7	6.0	2.3	5.0
MEYER	2.7	6.7	5.0	4.8
09-TZ-54-9	5.0	7.0	1.3	4.4
LSD VALUE	1.8	1.8	2.6	1.2
C.V. (%)	14.5	13.7	26.7	17.9

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 24. WINTER DORMANCY RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2017 DATA

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

NAME	AZ1
FAES 1304	8.3
09-TZ-53-20	8.0
09-TZ-54-9	8.0
ZEON	8.0
FAES 1310	7.7
FAES 1312	7.7
FAES 1313	7.7
FAES 1318	7.7
FAES 1316	7.3
DALZ 1302	7.0
DALZ 1303	7.0
EMPIRE	7.0
FAES 1307	7.0
FAES 1308	6.7
FAES 1309	6.7
FAES 1319	6.7
FAES 1329	6.7
GGZ 504	6.7
10-TZ-35	6.3
CSZ 1109	6.3
FAES 1306	6.3
FAES 1315	6.0
FAES 1317	6.0
10-TZ-1254	5.7
A-1	5.7
CSZ 1105	5.7
FAES 1303	5.7
FAES 1314	5.7
FAES 1328	5.7
11-TZ-4321	5.3
DALZ 1301	5.3
FAES 1305	5.0
FAES 1322	5.0
KSUZ 1201	4.7
MEYER	4.7
LSD VALUE	2.1
C.V. (%)	20.4

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 25. WINTER KILL RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2017 DATA

WINTER KILL RATINGS 1-9; 9=NONE 2/

NAME	TX1
09-TZ-54-9	8.3
10-TZ-1254	8.0
ZEON	8.0
DALZ 1301	7.7
FAES 1319	7.7
FAES 1322	7.7
DALZ 1302	7.3
FAES 1313	7.3
09-TZ-53-20	7.0
10-TZ-35	7.0
FAES 1305	7.0
11-TZ-4321	6.7
A-1	6.7
DALZ 1303	6.7
FAES 1304	6.7
FAES 1312	6.7
FAES 1315	6.7
FAES 1316	6.7
FAES 1328	6.7
FAES 1309	6.3
FAES 1317	6.3
FAES 1318	6.3
FAES 1329	6.0
GGZ 504	6.0
CSZ 1105	5.7
EMPIRE	5.7
FAES 1303	5.3
FAES 1307	5.3
MEYER	5.3
FAES 1306	5.0
FAES 1310	5.0
KSUZ 1201	5.0
CSZ 1109	4.7
FAES 1314	4.3
FAES 1308	3.7
LSD VALUE	1.8
C.V. (%)	17.3

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 26. VERTICAL CUTTING RECOVERY RATINGS OF ZOYSIAGRASS CULTIVARS 1/
2017 DATA

VERTICAL CUTTING RECOVERY RATINGS 1-9; 9=COMPLETE RECOVERY 2/

NAME	AZ1
DALZ 1301	8.7
FAES 1316	8.7
ZEON	8.7
KSUZ 1201	8.0
09-TZ-54-9	7.7
DALZ 1303	7.7
FAES 1305	7.7
FAES 1312	7.7
MEYER	7.7
FAES 1318	7.3
FAES 1319	7.3
FAES 1314	7.0
10-TZ-1254	6.7
10-TZ-35	6.7
FAES 1307	6.7
11-TZ-4321	6.3
FAES 1317	6.3
FAES 1322	6.3
DALZ 1302	6.0
EMPIRE	6.0
FAES 1313	6.0
09-TZ-53-20	5.7
FAES 1304	5.7
FAES 1328	5.7
A-1	5.0
FAES 1329	4.7
CSZ 1109	4.0
FAES 1315	3.7
GGZ 504	3.7
CSZ 1105	3.3
FAES 1309	3.0
FAES 1306	2.3
FAES 1303	1.7
FAES 1308	1.3
FAES 1310	1.3
LSD VALUE	2.5
C.V. (%)	27.2

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 27. DOLLAR SPOT RATINGS OF ZOYSIAGRASS CULTIVARS
AT CITRA, FL 1/
2017 DATA

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

NAME	AUGUST	SEPTEMBER	MEAN
10-TZ-1254	9.0	8.7	8.8
FAES 1312	8.0	8.3	8.2
DALZ 1302	8.0	8.0	8.0
11-TZ-4321	8.3	7.3	7.8
FAES 1319	7.7	8.0	7.8
FAES 1313	7.7	7.7	7.7
FAES 1316	7.3	7.7	7.5
FAES 1322	8.0	7.0	7.5
FAES 1329	7.0	7.7	7.3
FAES 1307	7.0	7.3	7.2
EMPIRE	7.0	7.0	7.0
10-TZ-35	7.3	6.3	6.8
FAES 1304	6.7	7.0	6.8
FAES 1305	7.3	6.3	6.8
FAES 1315	6.7	7.0	6.8
09-TZ-53-20	6.0	7.3	6.7
CSZ 1105	6.7	6.7	6.7
DALZ 1303	6.7	6.7	6.7
FAES 1318	7.0	6.3	6.7
KSUZ 1201	6.7	6.7	6.7
09-TZ-54-9	6.0	7.0	6.5
FAES 1303	5.7	7.3	6.5
FAES 1306	6.3	6.7	6.5
FAES 1309	5.0	7.3	6.2
FAES 1310	6.3	6.0	6.2
FAES 1328	5.7	6.7	6.2
DALZ 1301	6.3	5.7	6.0
FAES 1308	5.7	6.0	5.8
FAES 1314	6.0	5.7	5.8
ZEON	5.7	6.0	5.8
A-1	5.0	6.0	5.5
GGZ 504	5.7	5.3	5.5
FAES 1317	6.7	4.0	5.3
MEYER	5.3	4.3	4.8
CSZ 1109	2.7	3.7	3.2
LSD VALUE	1.8	2.0	1.4
C.V. (%)	16.1	16.7	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 28. DOLLAR SPOT RATINGS OF ZOYSIAGRASS CULTIVARS
AT RALEIGH, NC 1/
2017 DATA

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

NAME	JUNE	JULY	MEAN
FAES 1319	8.0	8.0	8.0
FAES 1312	8.0	7.7	7.8
10-TZ-1254	7.7	7.7	7.7
FAES 1328	8.0	7.0	7.5
KSUZ 1201	8.0	7.0	7.5
DALZ 1302	7.3	7.0	7.2
FAES 1315	7.3	6.7	7.0
FAES 1313	6.3	6.7	6.5
FAES 1318	6.7	6.3	6.5
11-TZ-4321	6.3	6.3	6.3
FAES 1316	6.3	6.3	6.3
FAES 1322	6.3	6.0	6.2
EMPIRE	6.3	5.7	6.0
FAES 1303	6.3	5.7	6.0
FAES 1329	6.0	6.0	6.0
FAES 1306	5.7	5.7	5.7
GGZ 504	6.0	5.3	5.7
10-TZ-35	5.7	5.3	5.5
FAES 1317	7.0	4.0	5.5
MEYER	7.7	3.3	5.5
A-1	5.3	4.7	5.0
CSZ 1105	4.7	5.0	4.8
DALZ 1303	4.7	5.0	4.8
FAES 1305	5.0	4.7	4.8
FAES 1310	5.0	4.7	4.8
09-TZ-53-20	4.3	4.3	4.3
CSZ 1109	4.0	4.7	4.3
FAES 1308	5.0	3.7	4.3
FAES 1314	4.7	4.0	4.3
DALZ 1301	4.7	3.3	4.0
FAES 1304	4.0	4.0	4.0
FAES 1307	4.0	3.7	3.8
FAES 1309	4.0	3.7	3.8
ZEON	4.0	3.7	3.8
09-TZ-54-9	3.7	3.7	3.7
LSD VALUE	1.8	2.2	1.9
C.V. (%)	19.1	24.0	20.1

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 29. LARGE PATCH DISEASE RATINGS OF ZOYSIAGRASS CULTIVARS
AT FAYETTEVILLE, AR 1/
2017 DATA

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

NAME	APRIL	MAY 1	MAY 15	MEAN
FAES 1309	60.0	.	.	60.0
FAES 1306	80.0	53.3	43.3	58.9
11-TZ-4321	66.7	50.0	30.0	48.9
FAES 1310	63.3	50.0	33.3	48.9
FAES 1322	63.3	40.0	43.3	48.9
FAES 1308	70.0	40.0	30.0	46.7
FAES 1329	80.0	21.7	26.7	42.8
MEYER	53.3	40.0	26.7	40.0
FAES 1303	43.3	33.3	33.3	36.7
ZEON	46.7	23.3	21.7	30.6
EMPIRE	36.7	20.7	31.7	29.7
FAES 1305	40.0	18.3	18.3	25.6
CSZ 1105	40.0	21.7	13.3	25.0
FAES 1318	36.7	11.7	23.3	23.9
DALZ 1303	20.0	25.0	16.7	20.6
FAES 1312	16.7	26.7	15.0	19.4
CSZ 1109	40.0	10.0	5.7	18.6
10-TZ-35	16.7	15.0	18.3	16.7
FAES 1304	33.3	6.7	10.0	16.7
KSUZ 1201	26.7	11.7	10.0	16.1
FAES 1313	26.7	6.7	13.3	15.6
GGZ 504	31.7	10.0	3.3	15.0
A-1	26.7	5.0	10.0	14.7
09-TZ-53-20	33.3	4.0	3.3	13.6
FAES 1315	33.3	2.3	2.3	12.7
DALZ 1302	6.7	19.0	10.7	12.1
10-TZ-1254	6.7	11.7	16.7	11.7
FAES 1314	18.3	8.3	4.0	10.2
DALZ 1301	13.3	8.3	2.3	8.0
FAES 1307	13.3	5.7	0.7	6.6
FAES 1317	13.3	0.7	5.0	6.3
09-TZ-54-9	13.3	3.0	2.3	6.2
FAES 1319	11.7	3.3	1.7	5.6
FAES 1316	5.0	5.0	5.7	5.2
FAES 1328	13.3	2.3	0.0	5.2
LSD VALUE	41.6	25.4	34.5	23.5
C.V. (%)	65.1	80.8	100.4	59.5

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 30. SEEDHEAD RATINGS OF ZOYSIAGRASS CULTIVARS
AT DALLAS, TX 1/
2017 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/				
NAME	MARCH	MAY	SEPTEMBER	MEAN
DALZ 1301	9.0	9.0	9.0	9.0
FAES 1308	9.0	7.7	9.0	8.6
FAES 1313	9.0	7.7	9.0	8.6
CSZ 1105	8.7	8.0	8.7	8.4
ZEON	7.7	8.7	8.7	8.3
FAES 1328	9.0	6.7	7.3	7.7
CSZ 1109	7.7	7.0	7.7	7.4
FAES 1312	7.0	7.0	8.3	7.4
FAES 1315	8.7	7.0	6.7	7.4
FAES 1306	8.7	7.7	5.3	7.2
A-1	4.7	8.0	8.7	7.1
EMPIRE	8.0	6.7	6.7	7.1
FAES 1307	5.7	7.0	8.7	7.1
FAES 1303	6.7	6.7	7.0	6.8
KSUZ 1201	5.3	5.7	9.0	6.7
FAES 1322	8.7	6.0	5.0	6.6
10-TZ-35	7.7	5.7	5.7	6.3
11-TZ-4321	6.3	4.3	8.3	6.3
DALZ 1303	4.3	7.3	7.3	6.3
FAES 1305	4.0	8.0	6.3	6.1
FAES 1310	7.7	5.7	5.0	6.1
FAES 1329	5.7	7.0	5.7	6.1
FAES 1314	6.0	4.0	7.7	5.9
MEYER	5.0	4.7	8.0	5.9
FAES 1316	4.7	4.7	7.7	5.7
DALZ 1302	5.3	4.3	6.3	5.3
FAES 1304	3.0	5.0	7.7	5.2
FAES 1317	4.7	4.0	7.0	5.2
FAES 1319	3.0	5.0	7.0	5.0
09-TZ-54-9	1.3	6.7	5.7	4.6
10-TZ-1254	4.3	3.7	5.3	4.4
GGZ 504	5.7	4.3	2.3	4.1
FAES 1318	2.3	3.7	6.0	4.0
09-TZ-53-20	4.3	4.3	2.0	3.6
FAES 1309	5.3	3.3	2.0	3.6
LSD VALUE	2.4	1.4	2.4	1.3
C.V. (%)	24.7	15.1	21.9	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.

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR ZOYSIAGRASS CULTIVARS */
2017 DATA

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

NAME	QUALITY MEAN 1/	MAXIMUM IN TOP 25% 2/
09-TZ-53-20	5.5	25.0
09-TZ-54-9	6.1	33.3
10-TZ-1254	6.0	33.3
10-TZ-35	5.9	16.7
11-TZ-4321	6.1	41.7
A-1	5.8	18.2
CSZ 1105	5.3	8.3
CSZ 1109	4.9	0.0
DALZ 1301	6.4	66.7
DALZ 1302	6.0	8.3
DALZ 1303	5.9	16.7
EMPIRE	5.5	16.7
FAES 1303	5.4	0.0
FAES 1304	5.9	25.0
FAES 1305	6.5	50.0
FAES 1306	5.2	0.0
FAES 1307	5.7	8.3
FAES 1308	4.6	0.0
FAES 1309	4.9	0.0
FAES 1310	5.3	8.3
FAES 1312	6.3	33.3
FAES 1313	6.5	75.0
FAES 1314	5.5	8.3
FAES 1315	5.5	8.3
FAES 1316	5.7	8.3
FAES 1317	5.6	16.7
FAES 1318	5.9	8.3
FAES 1319	6.5	66.7
FAES 1322	6.1	33.3
FAES 1328	5.5	8.3
FAES 1329	5.7	16.7
GGZ 504	5.1	0.0
KSUZ 1201	5.8	16.7
MEYER	5.2	0.0
ZEON	6.1	33.3
LSD VALUE	0.3	
C.V. (%)	10.8	

*/ 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.