

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, one member from the Sports Turf Managers Association of America (STMA), 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>.

2019 NATIONAL BERMUDAGRASS TEST

LOCATIONS SUBMITTING DATA FOR 2019-2023

State	Location	Code
Alabama	Auburn	AL1
Arkansas	Fayetteville	AR1
California	Riverside (Drought)	CA3
Florida	Fort Lauderdale	FL5
Florida	Jay	FL3
Indiana	West Lafayette	IN1
Kansas	Wichita	KS2
Kentucky	Lexington	KY1
Maryland	College Park	MD1
Mississippi	Mississippi State	MS1
Missouri	Columbia	MO1
New Mexico	Las Cruces	NM1
New Mexico	Las Cruces (Salinity)	NM2
North Carolina	Raleigh (Traffic)	NC1
North Carolina	Raleigh	NC2
Oklahoma	Stillwater (0.5 Mowing)	OK1
Oklahoma	Stillwater (Divot Recovery 0.5 Mowing)	OK2
Oklahoma	Stillwater (1.5" Mowing)	OK3
Tennessee	Knoxville	TN1
Tennessee	Knoxville (Traffic)	TN2
Texas	College Station (Drought)	TX2
Texas	College Station (Shade)	TX3
Virginia	Blacksburg	VA1

2019 National Bermudagrass Test
Entries and Sponsors

Entry No.	Name	Type	Sponsor
*1	Tifway	Vegetative	Standard Entry
*2	Tiftuf	Vegetative	Standard Entry
3	OKC1666	Vegetative	Oklahoma Ag. Experimental St.
4	OKC1406	Vegetative	Oklahoma Ag. Experimental St.
*5	Latitude 36	Vegetative	Standard Entry
6	OKC1876	Vegetative	Oklahoma Ag. Experimental St.
7	OKC1873	Vegetative	Oklahoma Ag. Experimental St.
8	OKC1682	Vegetative	Oklahoma Ag. Experimental St.
9	MSB-1048	Vegetative	Mississippi State University
10	MSB-1075	Vegetative	Mississippi State University
11	MSB-1026	Vegetative	Mississippi State University
12	MSB-1050	Vegetative	Mississippi State University
*13	Celebration Hybrid (MSB-1017)	Vegetative	Mississippi State University
14	MSB-1042	Vegetative	Mississippi State University
15	JSC 77V	Vegetative	Johnston Seed Co., LLC
16	JSC 80V	Vegetative	Johnston Seed Co., LLC
*17	Tahoma 31	Vegetative	Sod Production Services
*18	Astro	Vegetative	Oklahoma Sod Producers Assoc.
19	FB 1628	Vegetative	University of Florida
20	FB 1630	Vegetative	University of Florida
21	FB 1902	Vegetative	University of Florida
22	FB 1903	Vegetative	University of Florida
23	PST-R6TM	Seeded	Pure-Seed Testing Inc.
*24	Sun Queen (PST-R6MM)	Seeded	Pure Turf
*25	Copperhead (DLF-460/3048)	Seeded	DLF USA
26	OKS2015-1	Seeded	Oklahoma Ag. Experimental St.
27	OKS2015-3	Seeded	Semillas Fito S.A.
28	OKS2015-7	Seeded	Oklahoma Ag. Experimental St.
29	JSC 2013-5S	Seeded	Johnston Seed Co., LLC
30	JSC 2013-7S	Seeded	Johnston Seed Co., LLC
31	JSC 2013-8S	Seeded	Johnston Seed Co., LLC
32	JSC 2013-10S	Seeded	Johnston Seed Co., LLC
33	JSC 2013-12S	Seeded	Johnston Seed Co., LLC
* 34	Riviera	Seeded	Standard Entry
*35	Monaco	Seeded	Standard Entry

*Commercially Available in the US or any Country in 2024

TABLE A.

2019-23 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN
THE 2019 NATIONAL BERMUDAGRASS 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	SANDY LOAM	6.6-7.0	0-60	0-150	1.1-2.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
AR1	-	6.6-7.0	0-60	0-150	-	FULL SUN	1.1-1.5	-
CA3	SANDY LOAM	7.1-7.5	0-60	241-375	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
FL3	SANDY LOAM	5.6-6.0	61-150	0-150	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
FL5	SAND	6.6-7.0	-	-	-	FULL SUN	0.6-1.0	TO PREVENT STRESS
IN1	SILT LOAM AND SILT	7.1-7.5	61-150	241-375	2.1-3.0	FULL SUN	0.6-1.0	TO PREVENT DORMANCY
KS2	SANDY LOAM	-	-	-	2.1-3.0	FULL SUN	2.6-3.0	TO PREVENT DORMANCY
KY1	SILT LOAM AND SILT	-	-	-	0.0-1.0	FULL SUN	1.1-1.5	TO PREVENT DORMANCY
MD1	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	1.1-2.0	FULL SUN	1.1-1.5	NO IRRIGATION
MO1	-	-	-	-	-	-	-	-
MS1	SANDY LOAM	7.1-7.5	271-450	241-375	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
NC1	LOAM	6.1-6.5	61-150	0-150	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
NC2	SANDY LOAM	6.1-6.5	61-150	0-150	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
NM1	SANDY LOAM	7.6-8.5	0-60	0-150	-	FULL SUN	-	TO PREVENT STRESS
NM2	SANDY LOAM	7.6-8.5	0-60	0-150	-	FULL SUN	-	TO PREVENT STRESS
OK1	LOAM	7.1-7.5	61-150	241-375	3.1-4.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
OK2	LOAM	7.1-7.5	61-150	241-375	4.1-5.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
OK3	LOAM	7.1-7.5	61-150	241-375	4.1-5.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
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
TN2	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
TX2	-	7.6-8.5	-	-	0.0-1.0	FULL SUN	2.1-2.5	ONLY DURING SEVERE STRESS
TX3	-	7.6-8.5	-	-	0.0-1.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
VA1	SILT LOAM AND SILT	5.6-6.0	61-150	151-240	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT DORMANCY

TABLE B.

LOCATIONS AND DATA COLLECTED IN 2019-23

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	X	X	X
AR1				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	X	X
FL3			X	X	X	X	X	X	X	X			X	X	X
FL5	X	X	X	X	X	X	X	X	X	X		X			
IN1					X	X	X	X	X	X	X		X	X	X
KS2					X	X	X	X	X				X	X	X
KY1					X	X	X	X	X	X				X	
MD1						X	X	X	X	X				X	
M01				X	X	X	X	X	X	X			X	X	
MS1				X	X	X	X	X	X	X	X		X	X	X
NC1				X	X	X	X	X	X	X	X		X	X	X
NC2															
NM1			X	X	X	X	X	X	X	X	X		X	X	X
NM2			X	X	X	X	X	X	X	X	X		X	X	X
OK1	X	X	X	X	X	X	X	X	X	X	X		X	X	X
OK2															
OK3	X	X	X	X	X	X	X	X	X	X	X		X	X	X
TN1				X	X	X	X	X	X	X	X		X	X	X
TN2	X	X	X	X	X	X	X	X	X	X	X		X	X	X
TX2				X	X	X	X	X	X	X	X		X	X	X
TX3				X	X	X	X	X	X	X	X		X	X	X
VA1				X	X	X	X	X	X	X			X	X	X

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2019-23

LOCATION	SEEDLING VIGOR	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR	DROUGHT TOLERANCE WILTING	DROUGHT TOLERANCE DORMANCY	DOLLAR SPOT	PYTHIUM BLIGHT	STRIPE SMUT	PYTHIUM ROOT ROT	BERMUDA-GRASS MITE
AL1					X										
AR1					X										
CA3							X								X
FL3															
FL5															
IN1	X		X	X											
KS2					X	X	X								
KY1															
MD1															
MO1					X			X							
MS1			X		X						X				
NC1			X	X	X						X				
NC2															
NM1					X	X	X								
NM2					X	X	X								
OK1		X	X	X	X	X	X							X	
OK2															
OK3		X	X	X	X	X	X							X	
TN1		X	X	X	X	X	X								
TN2	X				X	X	X	X	X	X	X	X	X		
TX2									X	X					
TX3															
VA1					X		X	X							

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2019-23

LOCATION	FALL COLOR SEPTEMBER	FALL COLOR OCTOBER	FALL COLOR NOVEMBER	FALL COLOR DECEMBER	SEEDHEAD RATINGS	MOWING QUALITY	PERCENT ESTABLISH- MENT	SPRING DEAD SPOT	SPRING COLOR	SCALPING RATINGS	CANOPY SMOOTHNESS	PERCENT ESTABLISHMENT JULY 2019	AUGUST 2019	SEPTEMBER 2019
AL1	X	X		X			X							
AR1		X												
* CA3		X	X	X										
* FL3		X	X											
FL5														
* IN1	X	X	X		X	X	X	X		X	X			
KS2		X			X							X	X	X
KY1														
MD1														
* MO1		X					X		X					
* MS1			X		X									
NC1		X	X	X	X			X						
* NC2														
* NM1	X	X	X											
* NM2	X	X	X											
OK1	X	X	X		X									
* OK2														
OK3	X	X	X		X									
TN1														
* TN2														
* TX2			X											
TX3			X											
VA1	X	X	X		X									

* MORE DATA FOR CA3, NC2, NM1, NM2, OK2, TN2 AND TX2 IN TABLE 18 & 52, 16, 22, 21, 23, 17 AND 19.

MORE PERCENT ESTABLISHMENT DATA FOR FL3, MS1, NM1 IN TABLE 48, 50, 51. 2019 DATA FOR CA3, IN1, MO1 IN TABLE 52-54.

TABLE 1A. TURFGRASS QUALITY RATINGS OF BERMUDAGRASS CULTIVARS GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1
 2020 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	ENTRY #	VA1	IN1	AR1	KS2	MEAN
* TIFTUF	2	7.5	6.9	7.5	5.9	7.0
MSB-1042	14	7.3	6.6	7.1	6.0	6.8
FB 1628	19	6.9	6.9	7.4	5.4	6.6
CELEBRATION HYBRID (MSB-1017)	13	7.3	6.5	7.4	5.2	6.6
OKC1876	6	7.0	6.7	7.5	5.3	6.6
* LATITUDE 36	5	7.2	6.6	6.9	5.7	6.6
* RIVIERA	34	7.3	6.5	6.3	6.0	6.5
* MONACO	35	7.3	6.4	6.4	6.0	6.5
OKC1873	7	6.9	6.3	7.4	5.3	6.5
* TAHOMA 31	17	6.6	6.6	7.4	5.1	6.4
JSC 2013-10S	32	7.0	6.3	6.3	5.9	6.4
JSC 2013-12S	33	7.1	6.2	6.0	6.0	6.4
JSC 2013-5S	29	7.0	6.4	6.4	5.6	6.3
JSC 2013-7S	30	7.2	6.2	6.4	5.4	6.3
* ASTRO	18	7.1	6.1	6.6	5.4	6.3
OKC1666	3	7.3	5.8	6.1	5.9	6.3
OKS2015-3	27	7.1	6.1	5.8	6.0	6.3
JSC 2013-8S	31	6.9	6.2	6.0	5.8	6.2
MSB-1026	11	6.2	6.5	7.3	4.8	6.2
MSB-1048	9	6.7	6.2	6.6	5.2	6.2
* TIFWAY	1	6.3	6.3	7.1	5.0	6.2
OKC1406	4	6.6	6.2	6.4	5.4	6.1
OKS2015-1	26	7.0	6.0	6.0	5.5	6.1
OKS2015-7	28	6.8	6.0	6.0	5.4	6.1
JSC 80V	16	6.5	5.9	6.2	5.5	6.0
FB 1630	20	6.5	6.1	6.6	4.9	6.0
MSB-1050	12	5.9	6.3	7.5	4.2	6.0
JSC 77V	15	5.7	6.3	6.4	5.1	5.9
OKC1682	8	5.7	5.9	6.4	5.2	5.8
PST-R6TM	23	6.9	5.4	5.4	5.3	5.8
* SUN QUEEN (PST-R6MM)	24	6.8	5.5	5.3	5.4	5.8
COPPERHEAD (dlf-460/3048)	25	6.4	5.6	5.7	4.8	5.6
FB 1902	21	5.3	5.5	6.2	4.8	5.5
FB 1903	22	5.4	5.4	6.6	4.3	5.4
MSB-1075	10	4.1	5.2	5.9	3.2	4.6
LSD VALUE		0.8	0.8	0.8	0.8	0.8
C.V. (%)		7.7	8.3	7.9	9.7	8.3

*/ COMMERCIALLY AVAILABLE IN THE USA IN 2021

**/ 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 1B. TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 */
2020 DATA

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

NAME	ENTRY #	VA1	IN1	AR1	KS2	MEAN
* RIVIERA	34	7.3	6.5	6.3	6.0	6.5
* MONACO	35	7.3	6.4	6.4	6.0	6.5
JSC 2013-10S	32	7.0	6.3	6.3	5.9	6.4
JSC 2013-12S	33	7.1	6.2	6.0	6.0	6.4
JSC 2013-5S	29	7.0	6.4	6.4	5.6	6.3
JSC 2013-7S	30	7.2	6.2	6.4	5.4	6.3
OKS2015-3	27	7.1	6.1	5.8	6.0	6.3
JSC 2013-8S	31	6.9	6.2	6.0	5.8	6.2
OKS2015-1	26	7.0	6.0	6.0	5.5	6.1
OKS2015-7	28	6.8	6.0	6.0	5.4	6.1
PST-R6TM	23	6.9	5.4	5.4	5.3	5.8
* SUN QUEEN (PST-R6MM)	24	6.8	5.5	5.3	5.4	5.8
COPPERHEAD (DLF-460/3048)	25	6.4	5.6	5.7	4.8	5.6
LSD VALUE		0.8	0.8	0.8	0.8	0.8
C.V. (%)		7.3	8.5	8.5	9.1	8.3

*/ 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 1C. TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
 GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 */
 2020 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	ENTRY #	VA1	IN1	AR1	KS2	MEAN
* TIFTUF	2	7.5	6.9	7.5	5.9	7.0
MSB-1042	14	7.3	6.6	7.1	6.0	6.8
FB 1628	19	6.9	6.9	7.4	5.4	6.6
CELEBRATION HYBRID (MSB-1017)	13	7.3	6.5	7.4	5.2	6.6
OKC1876	6	7.0	6.7	7.5	5.3	6.6
* LATITUDE 36	5	7.2	6.6	6.9	5.7	6.6
OKC1873	7	6.9	6.3	7.4	5.3	6.5
* TAHOMA 31	17	6.6	6.6	7.4	5.1	6.4
* ASTRO	18	7.1	6.1	6.6	5.4	6.3
OKC1666	3	7.3	5.8	6.1	5.9	6.3
MSB-1026	11	6.2	6.5	7.3	4.8	6.2
MSB-1048	9	6.7	6.2	6.6	5.2	6.2
* TIFWAY	1	6.3	6.3	7.1	5.0	6.2
OKC1406	4	6.6	6.2	6.4	5.4	6.1
JSC 80V	16	6.5	5.9	6.2	5.5	6.0
FB 1630	20	6.5	6.1	6.6	4.9	6.0
MSB-1050	12	5.9	6.3	7.5	4.2	6.0
JSC 77V	15	5.7	6.3	6.4	5.1	5.9
OKC1682	8	5.7	5.9	6.4	5.2	5.8
FB 1902	21	5.3	5.5	6.2	4.8	5.5
FB 1903	22	5.4	5.4	6.6	4.3	5.4
MSB-1075	10	4.1	5.2	5.9	3.2	4.6
LSD VALUE		0.8	0.8	0.8	0.8	0.8
C.V. (%)		7.9	8.3	7.5	10.0	8.3

*/ 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 2A. TURFGRASS QUALITY RATINGS OF BERMUDAGRASS CULTIVARS 1/
 GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
 2020 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	ENTRY #	M01	OK1	NM1	MEAN
TAHOMA 31	17	7.5	6.4	6.5	6.8
CELEBRATION HYBRID (MSB-1017)	13	6.8	6.2	6.3	6.4
LATITUDE 36	5	7.0	6.1	5.9	6.3
JSC 2013-10S	32	6.3	6.0	6.6	6.3
MSB-1050	12	6.6	6.2	5.9	6.3
JSC 2013-8S	31	6.2	5.9	6.7	6.2
JSC 2013-12S	33	6.4	5.8	6.4	6.2
TIFTUF	2	7.0	6.3	4.9	6.1
OKC1876	6	6.2	6.3	5.8	6.1
OKS2015-3	27	5.9	5.7	6.5	6.0
ASTRO	18	5.6	5.8	6.7	6.0
MSB-1042	14	6.9	6.0	5.0	6.0
JSC 2013-7S	30	6.4	5.7	5.8	6.0
FB 1628	19	6.4	6.4	5.1	5.9
OKC1873	7	5.3	6.1	6.3	5.9
RIVIERA	34	6.0	5.9	5.6	5.8
JSC 2013-5S	29	6.3	5.8	5.4	5.8
OKS2015-7	28	5.7	5.6	5.9	5.8
OKC1682	8	5.8	5.8	5.7	5.7
FB 1630	20	4.9	5.9	6.3	5.7
MSB-1048	9	5.8	5.8	5.4	5.7
TIFWAY	1	5.5	6.0	5.5	5.7
MONACO	35	5.5	5.8	5.6	5.7
JSC 80V	16	4.9	5.7	6.4	5.7
OKC1406	4	5.7	5.6	4.8	5.4
OKS2015-1	26	5.2	5.5	5.4	5.4
FB 1902	21	4.5	5.5	6.0	5.3
FB 1903	22	3.6	5.6	6.7	5.3
JSC 77V	15	5.3	5.9	4.7	5.3
SUN QUEEN (PST-R6MM)	24	4.1	5.2	6.4	5.2
MSB-1026	11	4.8	6.2	4.7	5.2
OKC1666	3	4.8	5.2	5.3	5.1
COPPERHEAD (DLF-460/3048)	25	4.1	5.3	5.8	5.0
MSB-1075	10	3.2	5.4	5.9	4.8
PST-R6TM	23	3.4	4.9	5.2	4.5
LSD VALUE		0.8	0.8	0.8	0.8
C.V. (%)		9.2	8.8	8.8	8.9

*/ 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 2B. TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
 GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
 2020 DATA

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

NAME	ENTRY #	MO1	OK1	NM1	MEAN
JSC 2013-10S	32	6.3	6.0	6.6	6.3
JSC 2013-8S	31	6.2	5.9	6.7	6.2
JSC 2013-12S	33	6.4	5.8	6.4	6.2
OKS2015-3	27	5.9	5.7	6.5	6.0
JSC 2013-7S	30	6.4	5.7	5.8	6.0
RIVIERA	34	6.0	5.9	5.6	5.8
JSC 2013-5S	29	6.3	5.8	5.4	5.8
OKS2015-7	28	5.7	5.6	5.9	5.8
MONACO	35	5.5	5.8	5.6	5.7
OKS2015-1	26	5.2	5.5	5.4	5.4
SUN QUEEN (PST-R6MM)	24	4.1	5.2	6.4	5.2
COPPERHEAD (DLF-460/3048)	25	4.1	5.3	5.8	5.0
PST-R6TM	23	3.4	4.9	5.2	4.5
LSD VALUE		0.8	0.8	0.8	0.8
C.V. (%)		9.3	9.1	8.6	9.0

*/ 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

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

TABLE 2C. TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
 GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
 2020 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	ENTRY #	MO1	OK1	NM1	MEAN
TAHOMA 31	17	7.5	6.4	6.5	6.8
CELEBRATION HYBRID (MSB-1017)	13	6.8	6.2	6.3	6.4
LATITUDE 36	5	7.0	6.1	5.9	6.3
MSB-1050	12	6.6	6.2	5.9	6.3
TIFTUF	2	7.0	6.3	4.9	6.1
OKC1876	6	6.2	6.3	5.8	6.1
ASTRO	18	5.6	5.8	6.7	6.0
MSB-1042	14	6.9	6.0	5.0	6.0
FB 1628	19	6.4	6.4	5.1	5.9
OKC1873	7	5.3	6.1	6.3	5.9
OKC1682	8	5.8	5.8	5.7	5.7
FB 1630	20	4.9	5.9	6.3	5.7
MSB-1048	9	5.8	5.8	5.4	5.7
TIFWAY	1	5.5	6.0	5.5	5.7
JSC 80V	16	4.9	5.7	6.4	5.7
OKC1406	4	5.7	5.6	4.8	5.4
FB 1902	21	4.5	5.5	6.0	5.3
FB 1903	22	3.6	5.6	6.7	5.3
JSC 77V	15	5.3	5.9	4.7	5.3
MSB-1026	11	4.8	6.2	4.7	5.2
OKC1666	3	4.8	5.2	5.3	5.1
MSB-1075	10	3.2	5.4	5.9	4.8
LSD VALUE		0.8	0.8	0.8	0.8
C.V. (%)		9.1	8.7	9.0	8.9

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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 3A. TURFGRASS QUALITY RATINGS OF BERMUDAGRASS CULTIVARS 1/
 GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 3 */
 2020 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	ENTRY #	FL5	TN1	KY1	MEAN
FB 1628	19	8.1	6.1	6.7	6.9
JSC 77V	15	7.7	6.3	6.4	6.8
RIVIERA	34	7.8	6.0	6.4	6.7
MSB-1026	11	7.4	6.2	6.6	6.7
JSC 2013-10S	32	7.6	6.0	6.4	6.7
TAHOMA 31	17	7.7	5.8	6.5	6.7
JSC 2013-8S	31	7.7	5.9	6.3	6.6
OKC1876	6	7.4	5.9	6.5	6.6
TIFTUF	2	7.1	6.1	6.5	6.6
FB 1630	20	7.7	5.6	6.3	6.5
JSC 2013-5S	29	7.7	5.7	6.2	6.5
MONACO	35	7.2	6.1	6.3	6.5
JSC 2013-12S	33	7.4	5.9	6.2	6.5
LATITUDE 36	5	7.3	5.8	6.3	6.5
OKS2015-3	27	7.4	5.8	6.1	6.4
MSB-1050	12	7.6	5.4	6.2	6.4
CELEBRATION HYBRID (MSB-1017)	13	7.4	5.4	6.3	6.4
OKS2015-7	28	7.5	5.5	6.0	6.3
TIFWAY	1	6.7	6.0	6.2	6.3
JSC 2013-7S	30	7.6	5.2	6.0	6.3
OKC1406	4	7.0	5.7	6.0	6.3
MSB-1048	9	7.2	5.5	6.1	6.3
MSB-1075	10	7.5	5.4	5.9	6.3
MSB-1042	14	6.4	6.0	6.2	6.2
ASTRO	18	7.1	5.5	6.1	6.2
OKS2015-1	26	7.2	5.5	5.9	6.2
JSC 80V	16	6.5	6.0	6.0	6.2
COPPERHEAD (DLF-460/3048)	25	7.4	5.2	5.8	6.1
OKC1873	7	6.2	6.0	6.3	6.1
OKC1682	8	6.2	6.1	6.0	6.1
SUN QUEEN (PST-R6MM)	24	7.1	5.4	5.7	6.0
FB 1903	22	5.8	5.8	5.9	5.8
PST-R6TM	23	6.7	5.2	5.5	5.8
FB 1902	21	5.5	6.1	5.8	5.8
OKC1666	3	5.1	5.7	5.6	5.5
LSD VALUE		0.8	0.8	0.8	0.8
C.V. (%)		7.2	8.9	8.4	8.1

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

TABLE 3B. TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 3 */
2020 DATA

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

NAME	ENTRY #	FL5	TN1	KY1	MEAN
RIVIERA	34	7.8	6.0	6.4	6.7
JSC 2013-10S	32	7.6	6.0	6.4	6.7
JSC 2013-8S	31	7.7	5.9	6.3	6.6
JSC 2013-5S	29	7.7	5.7	6.2	6.5
MONACO	35	7.2	6.1	6.3	6.5
JSC 2013-12S	33	7.4	5.9	6.2	6.5
OKS2015-3	27	7.4	5.8	6.1	6.4
OKS2015-7	28	7.5	5.5	6.0	6.3
JSC 2013-7S	30	7.6	5.2	6.0	6.3
OKS2015-1	26	7.2	5.5	5.9	6.2
COPPERHEAD (DLF-460/3048)	25	7.4	5.2	5.8	6.1
SUN QUEEN (PST-R6MM)	24	7.1	5.4	5.7	6.0
PST-R6TM	23	6.7	5.2	5.5	5.8
LSD VALUE		0.8	0.8	0.8	0.8
C.V. (%)		6.9	9.1	8.5	8.1

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

TABLE 3C. TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
 GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 3 */
 2020 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	ENTRY #	FL5	TN1	KY1	MEAN
FB 1628	19	8.1	6.1	6.7	6.9
JSC 77V	15	7.7	6.3	6.4	6.8
MSB-1026	11	7.4	6.2	6.6	6.7
TAHOMA 31	17	7.7	5.8	6.5	6.7
OKC1876	6	7.4	5.9	6.5	6.6
TIFTUF	2	7.1	6.1	6.5	6.6
FB 1630	20	7.7	5.6	6.3	6.5
LATITUDE 36	5	7.3	5.8	6.3	6.5
MSB-1050	12	7.6	5.4	6.2	6.4
CELEBRATION HYBRID (MSB-1017)	13	7.4	5.4	6.3	6.4
TIFWAY	1	6.7	6.0	6.2	6.3
OKC1406	4	7.0	5.7	6.0	6.3
MSB-1048	9	7.2	5.5	6.1	6.3
MSB-1075	10	7.5	5.4	5.9	6.3
MSB-1042	14	6.4	6.0	6.2	6.2
ASTRO	18	7.1	5.5	6.1	6.2
JSC 80V	16	6.5	6.0	6.0	6.2
OKC1873	7	6.2	6.0	6.3	6.1
OKC1682	8	6.2	6.1	6.0	6.1
FB 1903	22	5.8	5.8	5.9	5.8
FB 1902	21	5.5	6.1	5.8	5.8
OKC1666	3	5.1	5.7	5.6	5.5
LSD VALUE		0.8	0.8	0.8	0.8
C.V. (%)		7.5	8.8	8.3	8.2

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

TABLE 4A. TURFGRASS QUALITY RATINGS OF BERMUDAGRASS CULTIVARS 1/
 GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 4 */
 2020 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	ENTRY #	FL3	AL1	MS1	MEAN
CELEBRATION HYBRID (MSB-1017)	13	7.3	5.9	5.6	6.3
OKC1876	6	7.1	5.8	5.7	6.2
OKC1873	7	7.0	5.6	5.8	6.1
MSB-1026	11	6.8	5.6	5.7	6.0
FB 1628	19	6.8	5.7	5.5	6.0
MSB-1050	12	7.0	5.3	5.6	6.0
TIFTUF	2	6.5	5.9	5.4	5.9
TAHOMA 31	17	6.8	5.3	5.6	5.9
ASTRO	18	6.8	5.2	5.4	5.8
FB 1630	20	6.9	5.0	5.4	5.8
TIFWAY	1	6.4	5.1	5.4	5.6
LATITUDE 36	5	6.4	5.2	5.2	5.6
FB 1903	22	6.6	4.4	5.7	5.5
MSB-1048	9	6.3	5.0	5.0	5.5
JSC 2013-7S	30	6.4	5.1	4.8	5.4
MSB-1042	14	6.0	5.3	5.1	5.4
RIVIERA	34	6.2	5.0	5.0	5.4
MONACO	35	6.1	4.9	5.0	5.4
JSC 2013-10S	32	6.2	4.6	5.1	5.3
JSC 2013-5S	29	6.1	4.9	4.8	5.3
JSC 80V	16	6.1	4.4	5.1	5.2
OKS2015-1	26	6.1	4.7	4.7	5.2
COPPERHEAD (DLF-460/3048)	25	6.3	4.4	4.8	5.1
OKS2015-7	28	6.1	4.6	4.8	5.1
JSC 2013-8S	31	6.0	4.2	4.9	5.1
OKC1406	4	5.8	4.7	4.7	5.1
JSC 2013-12S	33	5.9	4.4	4.8	5.0
MSB-1075	10	6.3	3.7	5.2	5.0
JSC 77V	15	5.7	4.4	5.0	5.0
PST-R6TM	23	6.0	4.5	4.5	5.0
OKC1666	3	5.6	4.7	4.7	5.0
OKS2015-3	27	5.9	4.3	4.8	5.0
SUN QUEEN (PST-R6MM)	24	6.1	4.1	4.6	4.9
OKC1682	8	5.4	3.9	4.9	4.7
FB 1902	21	5.4	3.7	5.0	4.7
LSD VALUE		0.8	0.8	0.8	0.8
C.V. (%)		8.2	10.6	10.0	9.5

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

TABLE 4B. TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 4 */
2020 DATA

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

NAME	ENTRY #	FL3	AL1	MS1	MEAN
JSC 2013-7S	30	6.4	5.1	4.8	5.4
RIVIERA	34	6.2	5.0	5.0	5.4
MONACO	35	6.1	4.9	5.0	5.4
JSC 2013-10S	32	6.2	4.6	5.1	5.3
JSC 2013-5S	29	6.1	4.9	4.8	5.3
OKS2015-1	26	6.1	4.7	4.7	5.2
COPPERHEAD (DLF-460/3048)	25	6.3	4.4	4.8	5.1
OKS2015-7	28	6.1	4.6	4.8	5.1
JSC 2013-8S	31	6.0	4.2	4.9	5.1
JSC 2013-12S	33	5.9	4.4	4.8	5.0
PST-R6TM	23	6.0	4.5	4.5	5.0
OKS2015-3	27	5.9	4.3	4.8	5.0
SUN QUEEN (PST-R6MM)	24	6.1	4.1	4.6	4.9
LSD VALUE		0.8	0.8	0.8	0.8
C.V. (%)		8.4	11.2	10.6	9.9

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

TABLE 4C. TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
 GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 4 */
 2020 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	ENTRY #	FL3	AL1	MS1	MEAN
CELEBRATION HYBRID (MSB-1017)	13	7.3	5.9	5.6	6.3
OKC1876	6	7.1	5.8	5.7	6.2
OKC1873	7	7.0	5.6	5.8	6.1
MSB-1026	11	6.8	5.6	5.7	6.0
FB 1628	19	6.8	5.7	5.5	6.0
MSB-1050	12	7.0	5.3	5.6	6.0
TIFTUF	2	6.5	5.9	5.4	5.9
TAHOMA 31	17	6.8	5.3	5.6	5.9
ASTRO	18	6.8	5.2	5.4	5.8
FB 1630	20	6.9	5.0	5.4	5.8
TIFWAY	1	6.4	5.1	5.4	5.6
LATITUDE 36	5	6.4	5.2	5.2	5.6
FB 1903	22	6.6	4.4	5.7	5.5
MSB-1048	9	6.3	5.0	5.0	5.5
MSB-1042	14	6.0	5.3	5.1	5.4
JSC 80V	16	6.1	4.4	5.1	5.2
OKC1406	4	5.8	4.7	4.7	5.1
MSB-1075	10	6.3	3.7	5.2	5.0
JSC 77V	15	5.7	4.4	5.0	5.0
OKC1666	3	5.6	4.7	4.7	5.0
OKC1682	8	5.4	3.9	4.9	4.7
FB 1902	21	5.4	3.7	5.0	4.7
LSD VALUE		0.8	0.8	0.8	0.8
C.V. (%)		8.0	10.3	9.7	9.2

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

TABLE 5A.

TURFGRASS QUALITY RATINGS OF BERMUDAGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 **/
2021 DATA

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

NAME	ENTRY #	MD1	NC1	FL3	AR1	OK1	OK3	MEAN
* TIFTUF	2	7.5	7.0	6.6	6.7	6.1	5.2	6.5
FB 1628	19	7.4	6.5	6.5	6.7	5.9	5.1	6.4
* TAHOMA 31	17	7.3	6.5	6.1	6.5	5.8	5.0	6.2
* LATITUDE 36	5	7.1	6.6	6.3	6.3	5.8	5.1	6.2
* TIFWAY	1	6.8	5.8	6.5	6.4	5.8	5.0	6.0
OKC1876	6	7.1	5.8	6.0	6.5	5.7	4.8	6.0
OKC1873	7	6.6	5.3	6.5	6.5	5.7	4.9	5.9
JSC 80V	16	6.3	6.1	6.5	5.8	5.7	5.0	5.9
JSC 77V	15	6.9	5.8	6.1	6.1	5.5	4.9	5.9
* ASTRO	18	6.2	5.7	6.4	6.3	5.6	4.7	5.8
JSC 2013-12S	33	7.1	6.0	6.0	5.7	5.3	4.8	5.8
MSB-1042	14	7.0	5.7	5.2	6.1	5.7	5.1	5.8
* MONACO	35	7.2	5.8	6.0	5.7	5.3	4.8	5.8
JSC 2013-10S	32	7.1	6.0	5.9	5.6	5.3	4.8	5.8
JSC 2013-8S	31	7.3	5.2	5.9	5.9	5.3	4.8	5.7
FB 1630	20	7.1	5.7	5.9	5.7	5.3	4.6	5.7
JSC 2013-7S	30	7.4	4.8	5.9	5.8	5.2	4.9	5.7
CELEBRATION HYBRID (MSB-1017)	13	6.8	5.1	5.5	6.6	5.5	4.5	5.7
OKS2015-3	27	6.9	5.3	5.9	5.7	5.3	4.8	5.6
MSB-1048	9	6.7	4.6	6.1	6.4	5.4	4.6	5.6
MSB-1026	11	6.4	5.3	6.0	6.0	5.5	4.6	5.6
OKC1406	4	6.2	5.5	6.1	5.7	5.4	4.7	5.6
FB 1903	22	6.7	5.9	6.3	5.2	4.9	4.3	5.6
* RIVIERA	34	7.1	5.7	5.4	5.5	5.1	4.7	5.6
JSC 2013-5S	29	7.4	4.6	5.2	5.9	5.2	4.7	5.5
OKS2015-7	28	6.6	5.2	5.8	5.7	5.1	4.4	5.5
OKC1682	8	7.0	4.2	5.6	5.8	5.2	4.9	5.5
FB 1902	21	6.3	4.7	5.9	5.6	5.1	4.5	5.4
MSB-1050	12	5.3	4.8	6.1	6.2	5.1	3.8	5.2
OKS2015-1	26	6.2	4.7	5.5	5.3	4.9	4.3	5.2
COPPERHEAD (DLF-460/3048)	25	6.4	4.2	5.6	5.3	4.9	4.5	5.2
* SUN QUEEN (PST-R6MM)	24	6.5	4.4	5.5	5.1	4.8	4.4	5.1
PST-R6TM	23	6.1	4.1	5.7	5.0	4.9	4.4	5.1
OKC1666	3	5.4	4.6	5.2	5.0	5.2	4.7	5.0
MSB-1075	10	4.8	4.0	5.9	4.4	3.9	3.1	4.3
LSD VALUE		0.7	0.7	0.7	0.7	0.7	0.7	0.7
C.V. (%)		6.6	8.3	7.4	7.5	8.3	9.4	7.8

*/ COMMERCIALLY AVAILABLE IN THE USA IN 2022.

**/ 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 5B.

TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 */
2021 DATA

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

NAME	ENTRY #	MD1	NC1	FL3	AR1	OK1	OK3	MEAN
JSC 2013-12S	33	7.1	6.0	6.0	5.7	5.3	4.8	5.8
MONACO	35	7.2	5.8	6.0	5.7	5.3	4.8	5.8
JSC 2013-10S	32	7.1	6.0	5.9	5.6	5.3	4.8	5.8
JSC 2013-8S	31	7.3	5.2	5.9	5.9	5.3	4.8	5.7
JSC 2013-7S	30	7.4	4.8	5.9	5.8	5.2	4.9	5.7
OKS2015-3	27	6.9	5.3	5.9	5.7	5.3	4.8	5.6
RIVIERA	34	7.1	5.7	5.4	5.5	5.1	4.7	5.6
JSC 2013-5S	29	7.4	4.6	5.2	5.9	5.2	4.7	5.5
OKS2015-7	28	6.6	5.2	5.8	5.7	5.1	4.4	5.5
OKS2015-1	26	6.2	4.7	5.5	5.3	4.9	4.3	5.2
COPPERHEAD (DLF-460/3048)	25	6.4	4.2	5.6	5.3	4.9	4.5	5.2
SUN QUEEN (PST-R6MM)	24	6.5	4.4	5.5	5.1	4.8	4.4	5.1
PST-R6TM	23	6.1	4.1	5.7	5.0	4.9	4.4	5.1
LSD VALUE		0.7	0.7	0.7	0.7	0.7	0.7	0.7
C.V. (%)		6.4	8.7	7.7	7.9	8.6	9.5	8.0

*/ 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 5C.

TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 */
2021 DATA

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

NAME	ENTRY #	MD1	NC1	FL3	AR1	OK1	OK3	MEAN
TIFTUF	2	7.5	7.0	6.6	6.7	6.1	5.2	6.5
FB 1628	19	7.4	6.5	6.5	6.7	5.9	5.1	6.4
TAHOMA 31	17	7.3	6.5	6.1	6.5	5.8	5.0	6.2
LATITUDE 36	5	7.1	6.6	6.3	6.3	5.8	5.1	6.2
TIFWAY	1	6.8	5.8	6.5	6.4	5.8	5.0	6.0
OKC1876	6	7.1	5.8	6.0	6.5	5.7	4.8	6.0
OKC1873	7	6.6	5.3	6.5	6.5	5.7	4.9	5.9
JSC 80V	16	6.3	6.1	6.5	5.8	5.7	5.0	5.9
JSC 77V	15	6.9	5.8	6.1	6.1	5.5	4.9	5.9
ASTRO	18	6.2	5.7	6.4	6.3	5.6	4.7	5.8
MSB-1042	14	7.0	5.7	5.2	6.1	5.7	5.1	5.8
FB 1630	20	7.1	5.7	5.9	5.7	5.3	4.6	5.7
CELEBRATION HYBRID (MSB-1017)	13	6.8	5.1	5.5	6.6	5.5	4.5	5.7
MSB-1048	9	6.7	4.6	6.1	6.4	5.4	4.6	5.6
MSB-1026	11	6.4	5.3	6.0	6.0	5.5	4.6	5.6
OKC1406	4	6.2	5.5	6.1	5.7	5.4	4.7	5.6
FB 1903	22	6.7	5.9	6.3	5.2	4.9	4.3	5.6
OKC1682	8	7.0	4.2	5.6	5.8	5.2	4.9	5.5
FB 1902	21	6.3	4.7	5.9	5.6	5.1	4.5	5.4
MSB-1050	12	5.3	4.8	6.1	6.2	5.1	3.8	5.2
OKC1666	3	5.4	4.6	5.2	5.0	5.2	4.7	5.0
MSB-1075	10	4.8	4.0	5.9	4.4	3.9	3.1	4.3
LSD VALUE		0.7	0.7	0.7	0.7	0.7	0.7	0.7
C.V. (%)		6.7	8.0	7.3	7.3	8.1	9.4	7.7

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

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

TABLE 6A.

TURFGRASS QUALITY RATINGS OF BERMUDAGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
2021 DATA

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

NAME	ENTRY #	FL5	AL1	MS1	TN1	IN1	MEAN
FB 1628	19	7.8	6.5	5.8	7.0	6.0	6.6
TIFTUF	2	7.2	5.9	5.6	6.7	5.7	6.3
LATITUDE 36	5	7.2	5.4	5.6	6.8	6.3	6.3
TAHOMA 31	17	7.2	5.9	5.4	6.6	6.1	6.2
CELEBRATION HYBRID (MSB-1017)	13	7.4	7.0	5.2	6.6	5.0	6.2
MSB-1050	12	7.2	6.1	5.4	6.9	5.5	6.2
OKC1876	6	7.2	6.1	5.3	6.6	5.3	6.1
ASTRO	18	7.0	5.2	5.5	6.9	5.9	6.1
JSC 77V	15	7.2	4.9	5.3	6.7	6.3	6.1
FB 1630	20	7.5	6.1	5.3	6.6	4.7	6.0
OKC1873	7	7.0	5.2	5.2	6.8	5.1	5.9
JSC 2013-5S	29	7.4	5.7	4.8	6.2	5.1	5.9
OKC1406	4	6.8	4.6	5.2	6.8	5.8	5.8
RIVIERA	34	7.1	5.1	5.0	6.2	5.7	5.8
MSB-1042	14	6.8	5.2	5.0	6.4	5.7	5.8
TIFWAY	1	6.9	5.0	5.3	6.8	5.1	5.8
OKS2015-1	26	7.1	5.2	5.0	6.6	5.2	5.8
OKS2015-7	28	7.1	5.4	5.0	6.5	5.1	5.8
MSB-1048	9	7.1	5.2	4.9	6.5	5.2	5.8
MSB-1075	10	7.3	4.9	5.0	6.6	5.1	5.8
JSC 80V	16	6.7	4.3	5.4	6.9	5.5	5.8
JSC 2013-10S	32	7.0	4.6	5.1	6.4	5.7	5.7
JSC 2013-12S	33	7.0	4.5	5.0	6.3	5.9	5.7
MONACO	35	7.0	4.8	5.0	6.3	5.5	5.7
MSB-1026	11	6.8	5.8	5.1	6.7	4.0	5.7
JSC 2013-8S	31	7.1	4.8	4.9	6.3	5.3	5.7
JSC 2013-7S	30	7.2	4.4	4.8	6.3	5.5	5.6
OKS2015-3	27	6.9	4.5	4.9	6.4	5.3	5.6
OKC1682	8	7.1	4.2	4.7	6.4	5.6	5.6
SUN QUEEN (PST-R6MM)	24	7.1	4.5	4.7	6.4	5.0	5.5
COPPERHEAD (DLF-460/3048)	25	6.9	4.3	4.7	6.5	4.9	5.5
OKC1666	3	6.3	3.8	4.9	6.8	5.4	5.4
FB 1903	22	6.8	4.5	4.9	6.2	4.5	5.4
FB 1902	21	6.6	4.3	4.7	6.4	4.7	5.3
PST-R6TM	23	6.6	3.8	4.6	6.5	4.5	5.2
LSD VALUE		0.7	0.7	0.7	0.7	0.7	0.7
C.V. (%)		6.3	8.7	8.7	6.7	8.2	7.6

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

TABLE 6B. TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
2021 DATA

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

NAME	ENTRY #	FL5	AL1	MS1	TN1	IN1	MEAN
JSC 2013-5S	29	7.4	5.7	4.8	6.2	5.1	5.9
RIVIERA	34	7.1	5.1	5.0	6.2	5.7	5.8
OKS2015-1	26	7.1	5.2	5.0	6.6	5.2	5.8
OKS2015-7	28	7.1	5.4	5.0	6.5	5.1	5.8
JSC 2013-10S	32	7.0	4.6	5.1	6.4	5.7	5.7
JSC 2013-12S	33	7.0	4.5	5.0	6.3	5.9	5.7
MONACO	35	7.0	4.8	5.0	6.3	5.5	5.7
JSC 2013-8S	31	7.1	4.8	4.9	6.3	5.3	5.7
JSC 2013-7S	30	7.2	4.4	4.8	6.3	5.5	5.6
OKS2015-3	27	6.9	4.5	4.9	6.4	5.3	5.6
SUN QUEEN (PST-R6MM)	24	7.1	4.5	4.7	6.4	5.0	5.5
COPPERHEAD (DLF-460/3048)	25	6.9	4.3	4.7	6.5	4.9	5.5
PST-R6TM	23	6.6	3.8	4.6	6.5	4.5	5.2
LSD VALUE		0.7	0.7	0.7	0.7	0.7	0.7
C.V. (%)		6.3	9.3	9.0	6.9	8.3	7.8

*/ 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 6C. TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
2021 DATA

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

NAME	ENTRY #	FL5	AL1	MS1	TN1	IN1	MEAN
FB 1628	19	7.8	6.5	5.8	7.0	6.0	6.6
TIFTUF	2	7.2	5.9	5.6	6.7	5.7	6.3
LATITUDE 36	5	7.2	5.4	5.6	6.8	6.3	6.3
TAHOMA 31	17	7.2	5.9	5.4	6.6	6.1	6.2
CELEBRATION HYBRID (MSB-1017)	13	7.4	7.0	5.2	6.6	5.0	6.2
MSB-1050	12	7.2	6.1	5.4	6.9	5.5	6.2
OKC1876	6	7.2	6.1	5.3	6.6	5.3	6.1
ASTRO	18	7.0	5.2	5.5	6.9	5.9	6.1
JSC 77V	15	7.2	4.9	5.3	6.7	6.3	6.1
FB 1630	20	7.5	6.1	5.3	6.6	4.7	6.0
OKC1873	7	7.0	5.2	5.2	6.8	5.1	5.9
OKC1406	4	6.8	4.6	5.2	6.8	5.8	5.8
MSB-1042	14	6.8	5.2	5.0	6.4	5.7	5.8
TIFWAY	1	6.9	5.0	5.3	6.8	5.1	5.8
MSB-1048	9	7.1	5.2	4.9	6.5	5.2	5.8
MSB-1075	10	7.3	4.9	5.0	6.6	5.1	5.8
JSC 80V	16	6.7	4.3	5.4	6.9	5.5	5.8
MSB-1026	11	6.8	5.8	5.1	6.7	4.0	5.7
OKC1682	8	7.1	4.2	4.7	6.4	5.6	5.6
OKC1666	3	6.3	3.8	4.9	6.8	5.4	5.4
FB 1903	22	6.8	4.5	4.9	6.2	4.5	5.4
FB 1902	21	6.6	4.3	4.7	6.4	4.7	5.3
LSD VALUE		0.7	0.7	0.7	0.7	0.7	0.7
C.V. (%)		6.3	8.3	8.5	6.6	8.2	7.4

*/ 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 7A. TURFGRASS QUALITY RATINGS OF BERMUDAGRASS CULTIVARS 1/
 GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 3 */
 2021 DATA

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

NAME	ENTRY #	VA1	MO1	KS2	MEAN
MSB-1042	14	8.2	7.0	6.6	7.3
TAHOMA 31	17	7.8	7.5	6.1	7.1
LATITUDE 36	5	7.8	7.1	6.4	7.1
TIFTUF	2	7.8	6.9	6.0	6.9
JSC 77V	15	7.5	6.9	6.1	6.8
FB 1628	19	7.7	6.7	5.9	6.8
OKC1876	6	7.6	6.4	5.5	6.5
CELEBRATION HYBRID (MSB-1017)	13	7.7	6.5	5.1	6.4
ASTRO	18	7.5	6.2	5.5	6.4
RIVIERA	34	7.1	6.0	6.1	6.4
JSC 2013-12S	33	6.9	6.3	5.9	6.4
JSC 2013-10S	32	7.1	5.8	6.1	6.4
OKC1682	8	7.2	6.0	5.8	6.3
OKC1406	4	7.4	5.6	5.9	6.3
JSC 2013-5S	29	7.2	6.0	5.6	6.3
TIFWAY	1	7.5	5.6	5.6	6.2
JSC 80V	16	7.5	4.9	6.2	6.2
MONACO	35	6.9	5.8	5.8	6.2
OKC1666	3	7.8	4.2	6.5	6.2
JSC 2013-8S	31	7.0	5.9	5.6	6.2
OKS2015-3	27	7.2	5.5	5.8	6.1
JSC 2013-7S	30	6.8	6.1	5.5	6.1
OKC1873	7	7.4	5.8	5.1	6.1
MSB-1048	9	7.2	6.3	4.8	6.1
OKS2015-7	28	6.9	5.1	5.2	5.8
OKS2015-1	26	7.0	4.7	5.4	5.7
MSB-1050	12	7.0	5.8	4.2	5.7
FB 1630	20	7.0	4.2	5.5	5.5
FB 1902	21	6.8	4.6	5.0	5.5
COPPERHEAD (DLF-460/3048)	25	6.8	4.2	5.4	5.5
SUN QUEEN (PST-R6MM)	24	6.7	4.2	5.4	5.4
MSB-1026	11	7.4	3.8	5.1	5.4
PST-R6TM	23	6.7	3.3	5.2	5.1
FB 1903	22	6.1	3.8	4.9	4.9
MSB-1075	10	5.5	2.8	3.8	4.0
LSD VALUE		0.7	0.7	0.7	0.7
C.V. (%)		6.1	8.0	7.9	7.2

*/ 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 7B.

TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 3 */
2021 DATA

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

NAME	ENTRY #	VA1	MO1	KS2	MEAN
RIVIERA	34	7.1	6.0	6.1	6.4
JSC 2013-12S	33	6.9	6.3	5.9	6.4
JSC 2013-10S	32	7.1	5.8	6.1	6.4
JSC 2013-5S	29	7.2	6.0	5.6	6.3
MONACO	35	6.9	5.8	5.8	6.2
JSC 2013-8S	31	7.0	5.9	5.6	6.2
OKS2015-3	27	7.2	5.5	5.8	6.1
JSC 2013-7S	30	6.8	6.1	5.5	6.1
OKS2015-7	28	6.9	5.1	5.2	5.8
OKS2015-1	26	7.0	4.7	5.4	5.7
COPPERHEAD (DLF-460/3048)	25	6.8	4.2	5.4	5.5
SUN QUEEN (PST-R6MM)	24	6.7	4.2	5.4	5.4
PST-R6TM	23	6.7	3.3	5.2	5.1
LSD VALUE		0.7	0.7	0.7	0.7
C.V. (%)		6.3	8.3	7.8	7.4

*/ 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 7C.

TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 3 */
2021 DATA

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

NAME	ENTRY #	VA1	MO1	KS2	MEAN
MSB-1042	14	8.2	7.0	6.6	7.3
TAHOMA 31	17	7.8	7.5	6.1	7.1
LATITUDE 36	5	7.8	7.1	6.4	7.1
TIFTUF	2	7.8	6.9	6.0	6.9
JSC 77V	15	7.5	6.9	6.1	6.8
FB 1628	19	7.7	6.7	5.9	6.8
OKC1876	6	7.6	6.4	5.5	6.5
CELEBRATION HYBRID (MSB-1017)	13	7.7	6.5	5.1	6.4
ASTRO	18	7.5	6.2	5.5	6.4
OKC1682	8	7.2	6.0	5.8	6.3
OKC1406	4	7.4	5.6	5.9	6.3
TIFWAY	1	7.5	5.6	5.6	6.2
JSC 80V	16	7.5	4.9	6.2	6.2
OKC1666	3	7.8	4.2	6.5	6.2
OKC1873	7	7.4	5.8	5.1	6.1
MSB-1048	9	7.2	6.3	4.8	6.1
MSB-1050	12	7.0	5.8	4.2	5.7
FB 1630	20	7.0	4.2	5.5	5.5
FB 1902	21	6.8	4.6	5.0	5.5
MSB-1026	11	7.4	3.8	5.1	5.4
FB 1903	22	6.1	3.8	4.9	4.9
MSB-1075	10	5.5	2.8	3.8	4.0
LSD VALUE		0.7	0.7	0.7	0.7
C.V. (%)		6.0	7.8	8.0	7.1

*/ 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 8A. TURFGRASS QUALITY RATINGS OF BERMUDAGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 **/
2022 DATA

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

NAME	ENTRY #	FL5	AL1	MS1	TN1	MEAN
FB 1628	19	7.3	6.8	5.7	7.0	6.7
FB 1630	20	6.8	6.3	5.4	6.7	6.3
* TIFTUF	2	6.8	6.0	5.3	6.8	6.2
* CELEBRATION HYBRID (MSB-1017)	13	6.7	6.2	5.2	6.8	6.2
* TAHOMA 31	17	6.6	5.7	5.2	6.9	6.1
MSB-1050	12	6.5	5.7	5.3	6.7	6.1
OKC1876	6	6.6	6.0	5.1	6.6	6.1
* TIFWAY	1	6.6	6.1	5.1	6.4	6.0
MSB-1026	11	6.4	5.8	5.1	6.7	6.0
OKC1873	7	6.4	5.8	5.1	6.7	6.0
FB 1903	22	6.6	5.8	5.2	6.3	6.0
* LATITUDE 36	5	6.4	5.7	5.0	6.7	6.0
MSB-1048	9	6.4	5.8	5.0	6.6	6.0
JSC 77V	15	6.3	5.5	5.1	6.9	5.9
OKS2015-7	28	6.5	5.9	5.0	6.4	5.9
* ASTRO	18	6.4	5.7	5.0	6.7	5.9
FB 1902	21	6.4	5.9	4.9	6.4	5.9
JSC 2013-8S	31	6.4	5.8	4.9	6.3	5.9
MSB-1042	14	6.3	5.8	4.7	6.6	5.9
OKC1406	4	6.3	5.4	5.0	6.7	5.8
JSC 80V	16	6.3	5.6	4.9	6.6	5.8
MSB-1075	10	6.1	5.2	5.1	6.7	5.8
* MONACO	35	6.3	5.7	4.8	6.3	5.8
* RIVIERA	34	6.3	5.4	4.9	6.5	5.8
OKC1682	8	6.1	5.4	4.8	6.6	5.8
OKS2015-1	26	6.2	5.4	4.9	6.4	5.7
JSC 2013-7S	30	6.2	5.5	4.8	6.4	5.7
JSC 2013-12S	33	6.1	5.3	4.8	6.5	5.7
* SUN QUEEN (PST-R6MM)	24	6.1	5.4	4.8	6.4	5.7
OKS2015-3	27	6.1	5.5	4.7	6.2	5.6
JSC 2013-10S	32	6.1	5.2	4.8	6.3	5.6
JSC 2013-5S	29	6.1	5.5	4.6	6.2	5.6
OKC1666	3	5.9	5.2	4.5	6.6	5.5
PST-R6TM	23	5.9	5.1	4.7	6.4	5.5
COPPERHEAD (DLF-460/3048)	25	5.9	5.1	4.6	6.3	5.5
LSD VALUE		0.7	0.7	0.7	0.7	0.7
C.V. (%)		6.6	7.4	8.4	6.4	7.1

*/ COMMERCIALLY AVAILABLE IN THE USA IN 2023.

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

TABLE 8B.

TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 */
2022 DATA

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

NAME	ENTRY #	FL5	AL1	MS1	TN1	MEAN
OKS2015-7	28	6.5	5.9	5.0	6.4	5.9
JSC 2013-8S	31	6.4	5.8	4.9	6.3	5.9
MONACO	35	6.3	5.7	4.8	6.3	5.8
RIVIERA	34	6.3	5.4	4.9	6.5	5.8
OKS2015-1	26	6.2	5.4	4.9	6.4	5.7
JSC 2013-7S	30	6.2	5.5	4.8	6.4	5.7
JSC 2013-12S	33	6.1	5.3	4.8	6.5	5.7
SUN QUEEN (PST-R6MM)	24	6.1	5.4	4.8	6.4	5.7
OKS2015-3	27	6.1	5.5	4.7	6.2	5.6
JSC 2013-10S	32	6.1	5.2	4.8	6.3	5.6
JSC 2013-5S	29	6.1	5.5	4.6	6.2	5.6
PST-R6TM	23	5.9	5.1	4.7	6.4	5.5
COPPERHEAD (DLF-460/3048)	25	5.9	5.1	4.6	6.3	5.5
LSD VALUE		0.7	0.7	0.7	0.7	0.7
C.V. (%)		6.8	7.7	8.7	6.6	7.3

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

TABLE 8C.

TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 */
2022 DATA

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

NAME	ENTRY #	FL5	AL1	MS1	TN1	MEAN
FB 1628	19	7.3	6.8	5.7	7.0	6.7
FB 1630	20	6.8	6.3	5.4	6.7	6.3
TIFTUF	2	6.8	6.0	5.3	6.8	6.2
CELEBRATION HYBRID (MSB-1017)	13	6.7	6.2	5.2	6.8	6.2
TAHOMA 31	17	6.6	5.7	5.2	6.9	6.1
MSB-1050	12	6.5	5.7	5.3	6.7	6.1
OKC1876	6	6.6	6.0	5.1	6.6	6.1
TIFWAY	1	6.6	6.1	5.1	6.4	6.0
MSB-1026	11	6.4	5.8	5.1	6.7	6.0
OKC1873	7	6.4	5.8	5.1	6.7	6.0
FB 1903	22	6.6	5.8	5.2	6.3	6.0
LATITUDE 36	5	6.4	5.7	5.0	6.7	6.0
MSB-1048	9	6.4	5.8	5.0	6.6	6.0
JSC 77V	15	6.3	5.5	5.1	6.9	5.9
ASTRO	18	6.4	5.7	5.0	6.7	5.9
FB 1902	21	6.4	5.9	4.9	6.4	5.9
MSB-1042	14	6.3	5.8	4.7	6.6	5.9
OKC1406	4	6.3	5.4	5.0	6.7	5.8
JSC 80V	16	6.3	5.6	4.9	6.6	5.8
MSB-1075	10	6.1	5.2	5.1	6.7	5.8
OKC1682	8	6.1	5.4	4.8	6.6	5.8
OKC1666	3	5.9	5.2	4.5	6.6	5.5
LSD VALUE		0.7	0.7	0.7	0.7	0.7
C.V. (%)		6.5	7.2	8.2	6.3	7.0

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

TABLE 9A.

TURFGRASS QUALITY RATINGS OF BERMUDAGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
2022 DATA

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

NAME	ENTRY #	VA1	OK1	OK3	KS2	MEAN
LATITUDE 36	5	8.1	5.8	5.3	6.2	6.3
MSB-1042	14	8.2	6.0	5.3	5.8	6.3
JSC 80V	16	8.0	5.7	5.1	6.1	6.2
OKC1666	3	7.9	5.8	5.1	6.0	6.2
TAHOMA 31	17	7.7	5.8	5.2	6.0	6.2
TIFTUF	2	7.8	5.8	5.1	5.8	6.1
JSC 77V	15	7.5	5.7	5.0	5.9	6.0
ASTRO	18	7.6	5.7	5.0	5.7	6.0
CELEBRATION HYBRID (MSB-1017)	13	7.5	5.8	5.0	5.0	5.9
OKC1406	4	7.3	5.5	4.8	5.7	5.8
FB 1628	19	7.4	5.9	5.1	4.8	5.8
OKC1682	8	7.3	5.6	4.8	5.4	5.8
OKC1876	6	7.3	5.6	4.8	5.1	5.7
TIFWAY	1	7.5	5.4	4.8	5.1	5.7
JSC 2013-12S	33	7.1	5.3	4.6	5.4	5.6
MSB-1048	9	7.1	5.6	4.8	4.9	5.6
RIVIERA	34	7.1	5.2	4.6	5.4	5.6
JSC 2013-5S	29	7.2	5.3	4.6	5.0	5.5
JSC 2013-10S	32	7.1	5.1	4.5	5.4	5.5
JSC 2013-7S	30	7.1	5.3	4.6	5.1	5.5
OKS2015-3	27	7.2	5.2	4.5	5.1	5.5
OKC1873	7	7.0	5.5	4.7	4.8	5.5
MONACO	35	7.2	5.2	4.5	5.0	5.5
JSC 2013-8S	31	7.1	5.3	4.5	4.8	5.4
FB 1902	21	6.9	5.4	4.5	4.4	5.3
OKS2015-1	26	6.7	5.1	4.4	4.9	5.3
MSB-1026	11	6.6	5.5	4.6	4.5	5.3
FB 1630	20	6.6	5.5	4.5	4.1	5.2
OKS2015-7	28	6.6	5.2	4.3	4.2	5.1
SUN QUEEN (PST-R6MM)	24	6.4	5.2	4.3	4.3	5.1
COPPERHEAD (DLF-460/3048)	25	6.3	5.0	4.2	4.5	5.0
PST-R6TM	23	6.2	5.0	4.1	4.4	4.9
FB 1903	22	6.1	4.8	4.0	4.1	4.8
MSB-1050	12	5.4	5.0	4.0	3.5	4.4
MSB-1075	10	5.0	4.8	3.8	3.4	4.3
LSD VALUE		0.7	0.7	0.7	0.7	0.7
C.V. (%)		5.9	7.7	8.9	8.3	7.5

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

TABLE 9B.

TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
2022 DATA

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

NAME	ENTRY #	VA1	OK1	OK3	KS2	MEAN
JSC 2013-12S	33	7.1	5.3	4.6	5.4	5.6
RIVIERA	34	7.1	5.2	4.6	5.4	5.6
JSC 2013-5S	29	7.2	5.3	4.6	5.0	5.5
JSC 2013-10S	32	7.1	5.1	4.5	5.4	5.5
JSC 2013-7S	30	7.1	5.3	4.6	5.1	5.5
OKS2015-3	27	7.2	5.2	4.5	5.1	5.5
MONACO	35	7.2	5.2	4.5	5.0	5.5
JSC 2013-8S	31	7.1	5.3	4.5	4.8	5.4
OKS2015-1	26	6.7	5.1	4.4	4.9	5.3
OKS2015-7	28	6.6	5.2	4.3	4.2	5.1
SUN QUEEN (PST-R6MM)	24	6.4	5.2	4.3	4.3	5.1
COPPERHEAD (DLF-460/3048)	25	6.3	5.0	4.2	4.5	5.0
PST-R6TM	23	6.2	5.0	4.1	4.4	4.9
LSD VALUE		0.7	0.7	0.7	0.7	0.7
C.V. (%)		6.1	8.1	9.4	8.5	7.8

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

TABLE 9C.

TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
2022 DATA

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

NAME	ENTRY #	VA1	OK1	OK3	KS2	MEAN
LATITUDE 36	5	8.1	5.8	5.3	6.2	6.3
MSB-1042	14	8.2	6.0	5.3	5.8	6.3
JSC 80V	16	8.0	5.7	5.1	6.1	6.2
OKC1666	3	7.9	5.8	5.1	6.0	6.2
TAHOMA 31	17	7.7	5.8	5.2	6.0	6.2
TIFTUF	2	7.8	5.8	5.1	5.8	6.1
JSC 77V	15	7.5	5.7	5.0	5.9	6.0
ASTRO	18	7.6	5.7	5.0	5.7	6.0
CELEBRATION HYBRID (MSB-1017)	13	7.5	5.8	5.0	5.0	5.9
OKC1406	4	7.3	5.5	4.8	5.7	5.8
FB 1628	19	7.4	5.9	5.1	4.8	5.8
OKC1682	8	7.3	5.6	4.8	5.4	5.8
OKC1876	6	7.3	5.6	4.8	5.1	5.7
TIFWAY	1	7.5	5.4	4.8	5.1	5.7
MSB-1048	9	7.1	5.6	4.8	4.9	5.6
OKC1873	7	7.0	5.5	4.7	4.8	5.5
FB 1902	21	6.9	5.4	4.5	4.4	5.3
MSB-1026	11	6.6	5.5	4.6	4.5	5.3
FB 1630	20	6.6	5.5	4.5	4.1	5.2
FB 1903	22	6.1	4.8	4.0	4.1	4.8
MSB-1050	12	5.4	5.0	4.0	3.5	4.4
MSB-1075	10	5.0	4.8	3.8	3.4	4.3
LSD VALUE		0.7	0.7	0.7	0.7	0.7
C.V. (%)		5.8	7.5	8.7	8.2	7.4

*/ 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 10A.

TURFGRASS QUALITY RATINGS OF BERMUDAGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 3 */
2022 DATA

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

NAME	ENTRY #	NC1	FL3	IN1	MEAN
TAHOMA 31	17	7.1	6.9	5.8	6.6
TIFTUF	2	7.4	7.0	5.3	6.6
OKC1406	4	6.8	6.7	5.7	6.4
LATITUDE 36	5	7.0	6.7	5.5	6.4
JSC 77V	15	6.6	6.7	5.9	6.4
JSC 80V	16	7.1	6.6	5.4	6.4
JSC 2013-10S	32	7.3	6.5	5.1	6.3
RIVIERA	34	7.1	6.6	5.2	6.3
JSC 2013-12S	33	6.3	6.4	5.2	6.0
ASTRO	18	6.0	6.5	5.3	5.9
TIFWAY	1	6.9	6.5	4.3	5.9
FB 1628	19	6.3	6.9	4.4	5.9
OKS2015-1	26	6.3	6.4	4.8	5.9
FB 1903	22	6.7	6.6	4.1	5.8
MONACO	35	6.6	6.4	4.5	5.8
OKC1876	6	6.0	6.5	4.7	5.7
JSC 2013-8S	31	6.4	6.4	4.4	5.7
OKC1682	8	5.6	6.3	5.3	5.7
JSC 2013-7S	30	6.1	6.3	4.7	5.7
OKS2015-3	27	6.4	6.2	4.5	5.7
OKC1666	3	5.3	6.0	5.5	5.6
MSB-1042	14	5.6	6.2	5.0	5.6
OKC1873	7	5.4	6.4	4.8	5.5
CELEBRATION HYBRID (MSB-1017)	13	5.4	6.4	4.6	5.5
MSB-1048	9	5.3	6.3	4.7	5.4
COPPERHEAD (DLF-460/3048)	25	5.3	6.1	4.8	5.4
JSC 2013-5S	29	5.7	6.0	4.5	5.4
OKS2015-7	28	5.6	6.3	4.1	5.3
PST-R6TM	23	5.1	6.1	4.8	5.3
MSB-1026	11	4.8	6.3	4.7	5.3
FB 1630	20	5.1	6.5	4.1	5.2
MSB-1050	12	4.7	6.5	4.4	5.2
SUN QUEEN (PST-R6MM)	24	4.8	6.0	4.5	5.1
FB 1902	21	5.0	6.1	4.1	5.0
MSB-1075	10	3.9	6.2	4.8	5.0
LSD VALUE		0.7	0.7	0.7	0.7
C.V. (%)		7.0	6.5	8.6	7.3

*/ 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 10B.

TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (SEED) CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 3 */
2022 DATA

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

NAME	ENTRY #	NC1	FL3	IN1	MEAN
JSC 2013-10S	32	7.3	6.5	5.1	6.3
RIVIERA	34	7.1	6.6	5.2	6.3
JSC 2013-12S	33	6.3	6.4	5.2	6.0
OKS2015-1	26	6.3	6.4	4.8	5.9
MONACO	35	6.6	6.4	4.5	5.8
JSC 2013-8S	31	6.4	6.4	4.4	5.7
JSC 2013-7S	30	6.1	6.3	4.7	5.7
OKS2015-3	27	6.4	6.2	4.5	5.7
COPPERHEAD (DLF-460/3048)	25	5.3	6.1	4.8	5.4
JSC 2013-5S	29	5.7	6.0	4.5	5.4
OKS2015-7	28	5.6	6.3	4.1	5.3
PST-R6TM	23	5.1	6.1	4.8	5.3
SUN QUEEN (PST-R6MM)	24	4.8	6.0	4.5	5.1
LSD VALUE		0.7	0.7	0.7	0.7
C.V. (%)		7.0	6.7	9.0	7.4

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

TABLE 10C.

TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 3 */
2022 DATA

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

NAME	ENTRY #	NC1	FL3	IN1	MEAN
TAHOMA 31	17	7.1	6.9	5.8	6.6
TIFTUF	2	7.4	7.0	5.3	6.6
OKC1406	4	6.8	6.7	5.7	6.4
LATITUDE 36	5	7.0	6.7	5.5	6.4
JSC 77V	15	6.6	6.7	5.9	6.4
JSC 80V	16	7.1	6.6	5.4	6.4
ASTRO	18	6.0	6.5	5.3	5.9
TIFWAY	1	6.9	6.5	4.3	5.9
FB 1628	19	6.3	6.9	4.4	5.9
FB 1903	22	6.7	6.6	4.1	5.8
OKC1876	6	6.0	6.5	4.7	5.7
OKC1682	8	5.6	6.3	5.3	5.7
OKC1666	3	5.3	6.0	5.5	5.6
MSB-1042	14	5.6	6.2	5.0	5.6
OKC1873	7	5.4	6.4	4.8	5.5
CELEBRATION HYBRID (MSB-1017)	13	5.4	6.4	4.6	5.5
MSB-1048	9	5.3	6.3	4.7	5.4
MSB-1026	11	4.8	6.3	4.7	5.3
FB 1630	20	5.1	6.5	4.1	5.2
MSB-1050	12	4.7	6.5	4.4	5.2
FB 1902	21	5.0	6.1	4.1	5.0
MSB-1075	10	3.9	6.2	4.8	5.0
LSD VALUE		0.7	0.7	0.7	0.7
C.V. (%)		7.1	6.4	8.5	7.2

*/ 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

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

TABLE 11A.

TURFGRASS QUALITY RATINGS OF BERMUDAGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 **/
2023 DATA

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

NAME	ENTRY #	MD1	NC1	IN1	OK1	MEAN
*TAHOMA 31	17	8.1	7.4	5.5	6.6	6.9
*LATITUDE 36	5	7.7	6.9	5.1	6.5	6.5
*TIFTUF	2	7.5	7.4	4.5	6.3	6.4
OKC1406	4	6.8	6.7	6.0	5.9	6.3
JSC 2013-12S	33	7.8	6.6	5.6	5.3	6.3
JSC 77V	15	7.3	6.8	5.1	6.0	6.3
JSC 2013-7S	30	8.0	6.4	5.3	5.3	6.2
*RIVIERA	34	7.4	7.1	4.8	5.6	6.2
JSC 80V	16	6.0	7.5	5.3	6.1	6.2
JSC 2013-10S	32	7.4	7.0	5.0	5.3	6.2
FB 1628	19	7.3	7.0	4.4	6.1	6.2
*MONACO	35	7.8	6.4	4.8	5.7	6.2
*ASTRO	18	6.2	6.6	5.2	5.9	6.0
JSC 2013-5S	29	7.5	5.8	5.1	5.3	5.9
OKC1682	8	6.6	5.1	5.6	6.2	5.9
JSC 2013-8S	31	7.5	5.9	4.3	5.4	5.8
OKS2015-3	27	7.5	6.7	3.6	5.4	5.8
OKS2015-1	26	6.6	6.4	5.1	4.9	5.8
*TIFWAY	1	6.9	7.2	2.9	5.8	5.7
*COPPERHEAD (DLF-460/3048)	25	6.9	5.8	4.9	5.2	5.7
OKC1666	3	5.7	5.3	6.2	5.6	5.7
*CELEBRATION HYBRID (MSB-1017)	13	7.2	5.8	4.0	5.7	5.7
OKS2015-7	28	7.0	6.6	3.8	5.4	5.7
FB 1903	22	6.2	6.8	4.7	5.1	5.7
MSB-1042	14	6.3	6.3	4.3	5.8	5.7
MSB-1026	11	6.8	4.7	5.4	5.4	5.5
FB 1630	20	6.2	5.6	5.1	4.9	5.5
OKC1876	6	7.2	5.2	3.4	6.0	5.4
MSB-1048	9	6.0	5.2	4.5	5.9	5.4
*SUN QUEEN (PST-R6MM)	24	6.0	5.0	5.5	5.0	5.4
PST-R6TM	23	6.3	5.4	5.0	4.8	5.4
MSB-1050	12	5.5	5.3	5.3	4.9	5.2
FB 1902	21	5.7	5.7	4.2	5.2	5.2
OKC1873	7	5.7	5.3	4.0	5.6	5.1
MSB-1075	10	4.1	3.7	5.2	4.7	4.4
LSD VALUE		0.8	0.8	0.8	0.8	0.8
C.V. (%)		7.7	8.6	10.9	9.4	9.0

*/ COMMERCIALLY AVAILABLE IN THE USA IN 2024.

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

TABLE 11B. TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 */
2023 DATA

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

NAME	ENTRY #	MD1	NC1	IN1	OK1	MEAN
JSC 2013-12S	33	7.8	6.6	5.6	5.3	6.3
JSC 2013-7S	30	8.0	6.4	5.3	5.3	6.2
RIVIERA	34	7.4	7.1	4.8	5.6	6.2
JSC 2013-10S	32	7.4	7.0	5.0	5.3	6.2
MONACO	35	7.8	6.4	4.8	5.7	6.2
JSC 2013-5S	29	7.5	5.8	5.1	5.3	5.9
JSC 2013-8S	31	7.5	5.9	4.3	5.4	5.8
OKS2015-3	27	7.5	6.7	3.6	5.4	5.8
OKS2015-1	26	6.6	6.4	5.1	4.9	5.8
COPPERHEAD (DLF-460/3048)	25	6.9	5.8	4.9	5.2	5.7
OKS2015-7	28	7.0	6.6	3.8	5.4	5.7
SUN QUEEN (PST-R6MM)	24	6.0	5.0	5.5	5.0	5.4
PST-R6TM	23	6.3	5.4	5.0	4.8	5.4
LSD VALUE		0.8	0.8	0.8	0.8	0.8
C.V. (%)		7.3	8.4	10.8	9.9	8.9

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

TABLE 11C.

TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 1 */
2023 DATA

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

NAME	ENTRY #	MD1	NC1	IN1	OK1	MEAN
TAHOMA 31	17	8.1	7.4	5.5	6.6	6.9
LATITUDE 36	5	7.7	6.9	5.1	6.5	6.5
TIFTUF	2	7.5	7.4	4.5	6.3	6.4
OKC1406	4	6.8	6.7	6.0	5.9	6.3
JSC 77V	15	7.3	6.8	5.1	6.0	6.3
JSC 80V	16	6.0	7.5	5.3	6.1	6.2
FB 1628	19	7.3	7.0	4.4	6.1	6.2
ASTRO	18	6.2	6.6	5.2	5.9	6.0
OKC1682	8	6.6	5.1	5.6	6.2	5.9
TIFWAY	1	6.9	7.2	2.9	5.8	5.7
OKC1666	3	5.7	5.3	6.2	5.6	5.7
CELEBRATION HYBRID (MSB-1017)	13	7.2	5.8	4.0	5.7	5.7
FB 1903	22	6.2	6.8	4.7	5.1	5.7
MSB-1042	14	6.3	6.3	4.3	5.8	5.7
MSB-1026	11	6.8	4.7	5.4	5.4	5.5
FB 1630	20	6.2	5.6	5.1	4.9	5.5
OKC1876	6	7.2	5.2	3.4	6.0	5.4
MSB-1048	9	6.0	5.2	4.5	5.9	5.4
MSB-1050	12	5.5	5.3	5.3	4.9	5.2
FB 1902	21	5.7	5.7	4.2	5.2	5.2
OKC1873	7	5.7	5.3	4.0	5.6	5.1
MSB-1075	10	4.1	3.7	5.2	4.7	4.4
MEAN		6.5	6.1	4.8	5.7	5.8
LSD VALUE		0.8	0.8	0.8	0.8	0.8
C.V. (%)		8.1	8.6	10.9	9.1	9.1

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

TABLE 12A.

TURFGRASS QUALITY RATINGS OF BERMUDAGRASS CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
2023 DATA

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

NAME	ENTRY #	FL3	FL5	MS1	TN1	MEAN
FB 1628	19	7.0	6.7	5.5	6.2	6.3
CELEBRATION HYBRID (MSB-1017)	13	6.6	6.2	5.1	6.0	6.0
FB 1630	20	6.3	6.0	4.9	6.6	6.0
TIFTUF	2	6.7	5.9	5.1	5.8	5.9
TIFWAY	1	6.5	5.9	5.1	5.8	5.8
TAHOMA 31	17	6.8	6.0	5.0	5.3	5.8
LATITUDE 36	5	6.6	5.8	4.9	5.7	5.8
RIVIERA	34	6.2	6.0	4.6	6.3	5.8
JSC 2013-8S	31	6.1	6.0	4.5	6.4	5.8
MSB-1042	14	6.3	5.5	4.8	6.3	5.7
MSB-1050	12	6.7	5.1	5.2	5.8	5.7
JSC 77V	15	6.4	6.0	4.8	5.7	5.7
MONACO	35	6.4	5.6	4.8	6.1	5.7
OKS2015-7	28	6.2	5.8	4.7	6.1	5.7
OKC1876	6	6.5	5.8	4.9	5.5	5.7
MSB-1048	9	6.2	6.2	4.7	5.6	5.7
OKC1682	8	6.2	6.2	4.7	5.5	5.6
COPPERHEAD (DLF-460/3048)	25	5.9	5.9	4.4	6.3	5.6
MSB-1075	10	6.4	5.6	5.0	5.6	5.6
MSB-1026	11	6.6	5.3	4.9	5.7	5.6
JSC 2013-7S	30	6.6	4.9	4.8	6.2	5.6
FB 1903	22	6.2	5.7	4.7	5.8	5.6
JSC 2013-12S	33	6.4	4.9	4.6	6.1	5.5
OKS2015-3	27	6.1	5.3	4.5	6.2	5.5
JSC 2013-10S	32	6.4	4.9	4.7	6.1	5.5
ASTRO	18	6.4	5.2	4.8	5.5	5.5
OKS2015-1	26	6.0	4.9	4.4	6.6	5.5
FB 1902	21	5.5	6.1	4.1	6.0	5.4
JSC 80V	16	6.5	5.1	4.9	5.2	5.4
SUN QUEEN (PST-R6MM)	24	5.9	5.4	4.3	6.1	5.4
OKC1406	4	6.4	5.2	4.7	5.2	5.3
JSC 2013-5S	29	6.0	4.9	4.3	6.1	5.3
OKC1873	7	6.0	5.4	4.5	5.4	5.3
PST-R6TM	23	5.9	4.7	4.3	5.9	5.2
OKC1666	3	5.9	4.6	4.2	5.6	5.1
LSD VALUE		0.8	0.8	0.8	0.8	0.8
C.V. (%)		8.3	9.4	11.1	8.9	9.3

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

TABLE 12B.

TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
2023 DATA

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

NAME	ENTRY #	FL3	FL5	MS1	TN1	MEAN
RIVIERA	34	6.2	6.0	4.6	6.3	5.8
JSC 2013-8S	31	6.1	6.0	4.5	6.4	5.8
MONACO	35	6.4	5.6	4.8	6.1	5.7
OKS2015-7	28	6.2	5.8	4.7	6.1	5.7
COPPERHEAD (DLF-460/3048)	25	5.9	5.9	4.4	6.3	5.6
JSC 2013-7S	30	6.6	4.9	4.8	6.2	5.6
JSC 2013-12S	33	6.4	4.9	4.6	6.1	5.5
OKS2015-3	27	6.1	5.3	4.5	6.2	5.5
JSC 2013-10S	32	6.4	4.9	4.7	6.1	5.5
OKS2015-1	26	6.0	4.9	4.4	6.6	5.5
SUN QUEEN (PST-R6MM)	24	5.9	5.4	4.3	6.1	5.4
JSC 2013-5S	29	6.0	4.9	4.3	6.1	5.3
PST-R6TM	23	5.9	4.7	4.3	5.9	5.2
LSD VALUE		0.8	0.8	0.8	0.8	0.8
C.V. (%)		8.5	9.8	11.6	8.5	9.4

*/ 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 12C.

TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 2 */
2023 DATA

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

NAME	ENTRY #	FL3	FL5	MS1	TN1	MEAN
FB 1628	19	7.0	6.7	5.5	6.2	6.3
CELEBRATION HYBRID (MSB-1017)	13	6.6	6.2	5.1	6.0	6.0
FB 1630	20	6.3	6.0	4.9	6.6	6.0
TIFTUF	2	6.7	5.9	5.1	5.8	5.9
TIFWAY	1	6.5	5.9	5.1	5.8	5.8
TAHOMA 31	17	6.8	6.0	5.0	5.3	5.8
LATITUDE 36	5	6.6	5.8	4.9	5.7	5.8
MSB-1042	14	6.3	5.5	4.8	6.3	5.7
MSB-1050	12	6.7	5.1	5.2	5.8	5.7
JSC 77V	15	6.4	6.0	4.8	5.7	5.7
OKC1876	6	6.5	5.8	4.9	5.5	5.7
MSB-1048	9	6.2	6.2	4.7	5.6	5.7
OKC1682	8	6.2	6.2	4.7	5.5	5.6
MSB-1075	10	6.4	5.6	5.0	5.6	5.6
MSB-1026	11	6.6	5.3	4.9	5.7	5.6
FB 1903	22	6.2	5.7	4.7	5.8	5.6
ASTRO	18	6.4	5.2	4.8	5.5	5.5
FB 1902	21	5.5	6.1	4.1	6.0	5.4
JSC 80V	16	6.5	5.1	4.9	5.2	5.4
OKC1406	4	6.4	5.2	4.7	5.2	5.3
OKC1873	7	6.0	5.4	4.5	5.4	5.3
OKC1666	3	5.9	4.6	4.2	5.6	5.1
LSD VALUE		0.8	0.8	0.8	0.8	0.8
C.V. (%)		8.2	9.2	10.8	9.2	9.2

*/ 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 13A. TURFGRASS QUALITY RATINGS OF BERMUDAGRASS CULTIVARS 1/
 GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 3 */
 2023 DATA

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

NAME	ENTRY #	VA1	OK3	KS2	MEAN
LATITUDE 36	5	7.4	5.9	5.9	6.4
MSB-1042	14	7.4	5.5	5.8	6.2
TIFTUF	2	7.1	5.6	5.6	6.1
JSC 80V	16	7.0	5.5	5.7	6.1
TAHOMA 31	17	6.8	5.7	5.5	6.0
ASTRO	18	7.0	5.4	5.5	5.9
OKC1666	3	6.7	5.3	5.7	5.9
TIFWAY	1	7.2	5.1	5.1	5.8
OKS2015-3	27	6.8	5.0	5.5	5.8
MONACO	35	6.7	5.2	5.3	5.7
JSC 77V	15	6.4	5.4	5.3	5.7
OKC1876	6	7.3	5.1	4.6	5.7
JSC 2013-10S	32	6.5	5.0	5.5	5.7
OKC1682	8	6.5	5.4	5.0	5.6
FB 1628	19	6.7	5.3	4.8	5.6
RIVIERA	34	6.2	5.2	5.5	5.6
OKS2015-1	26	6.3	4.9	5.6	5.6
OKC1406	4	6.3	5.3	5.2	5.6
OKC1873	7	6.9	5.0	4.8	5.6
JSC 2013-5S	29	6.3	5.0	5.4	5.6
JSC 2013-12S	33	6.2	5.0	5.3	5.5
JSC 2013-7S	30	6.4	4.9	5.2	5.5
JSC 2013-8S	31	6.3	5.0	5.2	5.5
MSB-1048	9	6.6	5.2	4.6	5.5
CELEBRATION HYBRID (MSB-1017)	13	6.7	5.0	4.5	5.4
OKS2015-7	28	6.4	4.9	4.9	5.4
FB 1902	21	5.8	4.8	5.0	5.2
COPPERHEAD (DLF-460/3048)	25	5.8	4.9	5.0	5.2
PST-R6TM	23	6.1	4.6	4.9	5.2
SUN QUEEN (PST-R6MM)	24	5.8	4.8	4.8	5.1
MSB-1026	11	6.3	4.7	4.1	5.1
FB 1630	20	5.7	4.6	4.4	4.9
FB 1903	22	5.6	4.6	4.5	4.9
MSB-1050	12	6.1	4.4	3.8	4.8
MSB-1075	10	5.7	4.2	3.0	4.3
LSD VALUE		0.8	0.8	0.8	0.8
C.V. (%)		8.1	10.3	10.4	9.5

*/ 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 13B. TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 3 */
2023 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/					
NAME	ENTRY #	VA1	OK3	KS2	MEAN
OKS2015-3	27	6.8	5.0	5.5	5.8
MONACO	35	6.7	5.2	5.3	5.7
JSC 2013-10S	32	6.5	5.0	5.5	5.7
RIVIERA	34	6.2	5.2	5.5	5.6
OKS2015-1	26	6.3	4.9	5.6	5.6
JSC 2013-5S	29	6.3	5.0	5.4	5.6
JSC 2013-12S	33	6.2	5.0	5.3	5.5
JSC 2013-7S	30	6.4	4.9	5.2	5.5
JSC 2013-8S	31	6.3	5.0	5.2	5.5
OKS2015-7	28	6.4	4.9	4.9	5.4
COPPERHEAD (DLF-460/3048)	25	5.8	4.9	5.0	5.2
PST-R6TM	23	6.1	4.6	4.9	5.2
SUN QUEEN (PST-R6MM)	24	5.8	4.8	4.8	5.1
LSD VALUE		0.8	0.8	0.8	0.8
C.V. (%)		8.3	10.6	10.0	9.5

*/ 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 13C. TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
GROWN IN LOCATION PERFORMANCE INDEX (LPI) GROUP 3 */
2023 DATA

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

NAME	ENTRY #	VA1	OK3	KS2	MEAN
LATITUDE 36	5	7.4	5.9	5.9	6.4
MSB-1042	14	7.4	5.5	5.8	6.2
TIFTUF	2	7.1	5.6	5.6	6.1
JSC 80V	16	7.0	5.5	5.7	6.1
TAHOMA 31	17	6.8	5.7	5.5	6.0
ASTRO	18	7.0	5.4	5.5	5.9
OKC1666	3	6.7	5.3	5.7	5.9
TIFWAY	1	7.2	5.1	5.1	5.8
JSC 77V	15	6.4	5.4	5.3	5.7
OKC1876	6	7.3	5.1	4.6	5.7
OKC1682	8	6.5	5.4	5.0	5.6
FB 1628	19	6.7	5.3	4.8	5.6
OKC1406	4	6.3	5.3	5.2	5.6
OKC1873	7	6.9	5.0	4.8	5.6
MSB-1048	9	6.6	5.2	4.6	5.5
CELEBRATION HYBRID (MSB-1017)	13	6.7	5.0	4.5	5.4
FB 1902	21	5.8	4.8	5.0	5.2
MSB-1026	11	6.3	4.7	4.1	5.1
FB 1630	20	5.7	4.6	4.4	4.9
FB 1903	22	5.6	4.6	4.5	4.9
MSB-1050	12	6.1	4.4	3.8	4.8
MSB-1075	10	5.7	4.2	3.0	4.3
LSD VALUE		0.8	0.8	0.8	0.8
C.V. (%)		7.9	10.2	10.6	9.4

*/ 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 14A.

TURFGRASS QUALITY RATINGS OF BERMUDAGRASS CULTIVARS
GROWN AT THREE LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE A" **
2020-23 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/				
NAME	FL5	IN1	OK1	MEAN
TAHOMA 31	6.9	6.2	6.3	6.5
FB 1628	7.4	5.4	6.4	6.4
LATITUDE 36	6.7	6.1	6.1	6.3
JSC 77V	6.8	5.9	5.8	6.2
TIFTUF	6.7	5.6	6.1	6.2
OKC1682	6.4	5.6	6.0	6.0
OKC1876	6.8	5.1	6.1	6.0
RIVIERA	6.9	5.6	5.4	6.0
MSB-1042	6.2	5.6	6.0	6.0
OKC1406	6.3	5.8	5.6	5.9
ASTRO	6.3	5.6	5.8	5.9
CELEBRATION HYBRID (MSB-1017)	7.0	5.0	5.7	5.9
MSB-1026	6.3	5.1	6.0	5.8
MSB-1048	6.9	5.1	5.4	5.8
FB 1630	7.1	4.9	5.3	5.8
JSC 80V	6.1	5.4	5.8	5.8
JSC 2013-12S	6.3	5.7	5.4	5.8
MONACO	6.6	5.3	5.3	5.8
JSC 2013-7S	6.4	5.5	5.3	5.7
JSC 2013-10S	6.4	5.6	5.3	5.7
JSC 2013-8S	6.9	4.9	5.4	5.7
JSC 2013-5S	6.5	5.3	5.4	5.7
MSB-1050	6.8	5.3	5.0	5.7
TIFWAY	6.4	4.8	5.9	5.7
OKC1873	6.2	5.1	5.7	5.6
COPPERHEAD (DLF-460/3048)	6.7	5.1	5.0	5.6
OKS2015-7	6.7	4.6	5.4	5.6
OKS2015-3	6.5	4.8	5.3	5.5
OKS2015-1	6.3	5.4	4.9	5.5
MSB-1075	6.6	5.1	4.8	5.5
SUN QUEEN (PST-R6MM)	6.4	5.1	4.9	5.5
OKC1666	5.3	5.5	5.3	5.4
FB 1902	6.3	4.5	5.3	5.4
FB 1903	6.0	4.6	5.3	5.3
PST-R6TM	5.9	4.9	4.9	5.2
LSD VALUE	0.8	1.0	0.4	0.4
C.V. (%)	7.6	11.6	4.5	8.1

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 14B.

TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (SEDED) CULTIVARS
GROWN AT THREE LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE A" **
2020-23 DATA

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

NAME	FL5	IN1	OK1	MEAN
RIVIERA	6.9	5.6	5.4	6.0
JSC 2013-12S	6.3	5.7	5.4	5.8
MONACO	6.6	5.3	5.3	5.8
JSC 2013-7S	6.4	5.5	5.3	5.7
JSC 2013-10S	6.4	5.6	5.3	5.7
JSC 2013-8S	6.9	4.9	5.4	5.7
JSC 2013-5S	6.5	5.3	5.4	5.7
COPPERHEAD (DLF-460/3048)	6.7	5.1	5.0	5.6
OKS2015-7	6.7	4.6	5.4	5.6
OKS2015-3	6.5	4.8	5.3	5.5
OKS2015-1	6.3	5.4	4.9	5.5
SUN QUEEN (PST-R6MM)	6.4	5.1	4.9	5.5
PST-R6TM	5.9	4.9	4.9	5.2
LSD VALUE	0.8	0.9	0.3	0.4
C.V. (%)	8.7	10.7	3.5	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 14C.

TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN AT THREE LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE A" **
2020-23 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/				
NAME	FL5	IN1	OK1	MEAN
TAHOMA 31	6.9	6.2	6.3	6.5
FB 1628	7.4	5.4	6.4	6.4
LATITUDE 36	6.7	6.1	6.1	6.3
JSC 77V	6.8	5.9	5.8	6.2
TIFTUF	6.7	5.6	6.1	6.2
OKC1682	6.4	5.6	6.0	6.0
OKC1876	6.8	5.1	6.1	6.0
MSB-1042	6.2	5.6	6.0	6.0
OKC1406	6.3	5.8	5.6	5.9
ASTRO	6.3	5.6	5.8	5.9
CELEBRATION HYBRID (MSB-1017)	7.0	5.0	5.7	5.9
MSB-1026	6.3	5.1	6.0	5.8
MSB-1048	6.9	5.1	5.4	5.8
FB 1630	7.1	4.9	5.3	5.8
JSC 80V	6.1	5.4	5.8	5.8
MSB-1050	6.8	5.3	5.0	5.7
TIFWAY	6.4	4.8	5.9	5.7
OKC1873	6.2	5.1	5.7	5.6
MSB-1075	6.6	5.1	4.8	5.5
OKC1666	5.3	5.5	5.3	5.4
FB 1902	6.3	4.5	5.3	5.4
FB 1903	6.0	4.6	5.3	5.3
LSD VALUE	0.7	1.1	0.4	0.4
C.V. (%)	7.0	12.0	4.8	8.0

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

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

TABLE 15A.

TURFGRASS QUALITY RATINGS OF BERMUDAGRASS CULTIVARS
GROWN AT TWELVE LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE B" *
2020-23 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/												
	AL1	AR1	FL3	KS2	KY1	MD1	MO1	MS1	NC1	OK3	TN1	VA1	MEAN
TIFTUF	5.9	7.1	6.8	5.9	6.6	7.5	7.0	5.2	6.9	5.2	6.4	7.5	6.4
LATITUDE 36	5.3	6.7	6.5	5.9	6.5	7.4	7.0	4.9	6.5	5.3	6.3	7.7	6.3
FB 1628	6.5	6.8	6.7	5.1	6.6	7.4	6.5	5.6	6.1	5.2	6.6	7.2	6.3
TAHOMA 31	5.5	6.9	6.5	5.3	6.4	7.7	7.5	5.3	6.5	5.4	6.1	7.4	6.3
MSB-1042	5.5	6.8	5.6	5.9	6.3	6.6	6.8	4.9	5.7	5.2	6.3	7.8	6.0
CELEBRATION HYBRID (MSB-1017)	6.6	7.1	6.3	4.9	6.3	7.0	6.7	5.2	5.1	4.7	6.2	7.4	6.0
OKC1876	5.8	7.0	6.4	5.0	6.3	7.1	6.2	5.4	5.4	5.0	6.0	7.4	6.0
TIFWAY	5.2	7.0	6.7	5.2	6.2	7.0	5.4	5.1	5.9	4.9	6.1	7.2	6.0
ASTRO	5.5	6.3	6.8	5.4	5.7	6.1	6.0	4.9	5.8	5.2	6.4	7.3	6.0
JSC 80V	4.5	6.0	6.5	5.9	6.0	6.2	4.9	5.2	6.3	5.2	6.2	7.4	5.9
JSC 2013-10S	4.7	6.1	6.4	5.9	6.2	7.3	6.0	4.8	6.3	4.7	6.2	6.9	5.9
RIVIERA	5.4	5.9	5.9	5.9	6.7	7.2	6.0	4.8	6.3	4.8	6.1	6.8	5.9
JSC 77V	4.7	6.3	6.0	5.5	6.5	7.1	6.1	5.2	5.8	5.3	6.5	6.7	5.9
MONACO	5.0	6.2	6.4	5.6	6.4	7.5	5.6	5.1	5.9	4.7	5.9	7.2	5.9
JSC 2013-12S	4.7	5.7	6.4	5.8	6.2	7.5	6.4	5.0	5.9	4.8	6.1	6.8	5.9
OKC1406	4.9	5.9	6.4	5.6	5.7	6.4	5.8	4.8	6.0	4.9	6.3	6.8	5.8
JSC 2013-7S	5.0	6.0	6.5	5.4	5.9	7.7	6.2	4.8	5.3	4.7	5.9	7.0	5.8
OKS2015-3	4.6	5.9	6.0	5.5	6.0	7.2	5.6	4.8	5.9	4.8	6.1	7.3	5.8
JSC 2013-8S	4.9	5.8	6.2	5.5	6.0	7.4	6.1	4.8	5.5	4.8	6.3	6.7	5.8
OKC1873	5.6	7.2	6.7	5.2	6.4	6.1	5.5	4.9	5.0	5.0	6.1	6.9	5.8
JSC 2013-5S	5.7	6.1	5.7	5.5	6.2	7.5	6.1	4.6	5.0	4.8	6.0	6.8	5.7
MSB-1048	5.3	6.8	6.0	4.8	6.2	6.3	6.1	5.0	5.0	4.8	6.1	7.0	5.7
FB 1630	5.8	5.9	6.4	4.8	6.6	6.7	4.7	5.1	5.4	4.5	6.5	6.5	5.7
OKS2015-7	5.4	5.6	6.3	4.9	5.9	6.7	5.5	4.7	5.6	4.8	6.2	6.6	5.7
OKS2015-1	5.3	5.8	5.9	5.3	6.1	6.4	4.9	4.7	5.5	4.5	6.4	6.8	5.6
MSB-1026	5.8	6.6	6.4	4.5	6.3	6.5	4.3	5.3	4.6	4.6	6.4	6.6	5.6
OKC1666	4.8	5.2	5.8	6.3	5.4	5.6	4.7	4.8	4.5	4.9	6.3	7.3	5.6
OKC1682	4.4	6.1	5.8	5.3	6.1	6.8	5.9	4.7	4.6	5.2	6.1	6.5	5.5
MSB-1050	5.5	6.8	6.5	4.0	6.4	5.5	6.3	5.7	4.7	3.7	6.2	6.4	5.5
FB 1903	5.1	5.6	6.4	4.5	5.8	6.5	3.8	5.1	6.1	4.4	6.3	5.5	5.5
COPPERHEAD (DLF-460/3048)	4.4	5.5	6.0	5.0	6.0	6.7	4.0	4.5	4.9	4.7	6.0	6.3	5.3
FB 1902	4.6	6.0	5.5	4.9	6.1	5.9	4.6	4.7	4.9	4.7	6.2	6.1	5.3
SUN QUEEN (PST-R6MM)	4.7	5.3	5.8	5.1	5.8	6.3	4.1	4.6	4.5	4.6	6.1	6.4	5.3
PST-R6TM	4.3	5.5	5.8	4.8	5.6	6.3	3.3	4.5	4.6	4.6	6.1	6.5	5.2
MSB-1075	4.6	5.3	6.2	3.3	5.7	4.4	2.9	5.2	3.5	3.7	6.0	5.0	4.7
LSD VALUE	1.2	0.7	0.6	0.6	0.4	0.5	0.8	0.5	1.0	0.3	0.7	0.8	0.2
C.V. (%)	15.3	7.3	5.9	7.7	3.9	4.9	8.7	5.7	11.2	4.4	7.5	6.8	8.0

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

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

TABLE 15B.

TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN AT TWELVE LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE B" *
2020-23 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/												MEAN
	AL1	AR1	FL3	KS2	KY1	MD1	MO1	MS1	NC1	OK3	TN1	VA1	
JSC 2013-10S	4.7	6.1	6.4	5.9	6.2	7.3	6.0	4.8	6.3	4.7	6.2	6.9	5.9
RIVIERA	5.4	5.9	5.9	5.9	6.7	7.2	6.0	4.8	6.3	4.8	6.1	6.8	5.9
MONACO	5.0	6.2	6.4	5.6	6.4	7.5	5.6	5.1	5.9	4.7	5.9	7.2	5.9
JSC 2013-12S	4.7	5.7	6.4	5.8	6.2	7.5	6.4	5.0	5.9	4.8	6.1	6.8	5.9
JSC 2013-7S	5.0	6.0	6.5	5.4	5.9	7.7	6.2	4.8	5.3	4.7	5.9	7.0	5.8
OKS2015-3	4.6	5.9	6.0	5.5	6.0	7.2	5.6	4.8	5.9	4.8	6.1	7.3	5.8
JSC 2013-8S	4.9	5.8	6.2	5.5	6.0	7.4	6.1	4.8	5.5	4.8	6.3	6.7	5.8
JSC 2013-5S	5.7	6.1	5.7	5.5	6.2	7.5	6.1	4.6	5.0	4.8	6.0	6.8	5.7
OKS2015-7	5.4	5.6	6.3	4.9	5.9	6.7	5.5	4.7	5.6	4.8	6.2	6.6	5.7
OKS2015-1	5.3	5.8	5.9	5.3	6.1	6.4	4.9	4.7	5.5	4.5	6.4	6.8	5.6
COPPERHEAD (DLF-460/3048)	4.4	5.5	6.0	5.0	6.0	6.7	4.0	4.5	4.9	4.7	6.0	6.3	5.3
SUN QUEEN (PST-R6MM)	4.7	5.3	5.8	5.1	5.8	6.3	4.1	4.6	4.5	4.6	6.1	6.4	5.3
PST-R6TM	4.3	5.5	5.8	4.8	5.6	6.3	3.3	4.5	4.6	4.6	6.1	6.5	5.2
LSD VALUE	1.2	0.6	0.7	0.6	0.4	0.5	0.8	0.4	1.0	0.2	0.7	0.8	0.2
C.V. (%)	15.2	6.3	7.0	7.6	4.5	4.0	9.4	5.1	11.1	2.7	7.3	7.2	8.0

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 15C.

TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN AT TWELVE LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE B" *
2020-23 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/												
	AL1	AR1	FL3	KS2	KY1	MD1	MO1	MS1	NC1	OK3	TN1	VA1	MEAN
TIFTUF	5.9	7.1	6.8	5.9	6.6	7.5	7.0	5.2	6.9	5.2	6.4	7.5	6.4
LATITUDE 36	5.3	6.7	6.5	5.9	6.5	7.4	7.0	4.9	6.5	5.3	6.3	7.7	6.3
FB 1628	6.5	6.8	6.7	5.1	6.6	7.4	6.5	5.6	6.1	5.2	6.6	7.2	6.3
TAHOMA 31	5.5	6.9	6.5	5.3	6.4	7.7	7.5	5.3	6.5	5.4	6.1	7.4	6.3
MSB-1042	5.5	6.8	5.6	5.9	6.3	6.6	6.8	4.9	5.7	5.2	6.3	7.8	6.0
CELEBRATION HYBRID (MSB-1017)	6.6	7.1	6.3	4.9	6.3	7.0	6.7	5.2	5.1	4.7	6.2	7.4	6.0
OKC1876	5.8	7.0	6.4	5.0	6.3	7.1	6.2	5.4	5.4	5.0	6.0	7.4	6.0
TIFWAY	5.2	7.0	6.7	5.2	6.2	7.0	5.4	5.1	5.9	4.9	6.1	7.2	6.0
ASTRO	5.5	6.3	6.8	5.4	5.7	6.1	6.0	4.9	5.8	5.2	6.4	7.3	6.0
JSC 80V	4.5	6.0	6.5	5.9	6.0	6.2	4.9	5.2	6.3	5.2	6.2	7.4	5.9
JSC 77V	4.7	6.3	6.0	5.5	6.5	7.1	6.1	5.2	5.8	5.3	6.5	6.7	5.9
OKC1406	4.9	5.9	6.4	5.6	5.7	6.4	5.8	4.8	6.0	4.9	6.3	6.8	5.8
OKC1873	5.6	7.2	6.7	5.2	6.4	6.1	5.5	4.9	5.0	5.0	6.1	6.9	5.8
MSB-1048	5.3	6.8	6.0	4.8	6.2	6.3	6.1	5.0	5.0	4.8	6.1	7.0	5.7
FB 1630	5.8	5.9	6.4	4.8	6.6	6.7	4.7	5.1	5.4	4.5	6.5	6.5	5.7
MSB-1026	5.8	6.6	6.4	4.5	6.3	6.5	4.3	5.3	4.6	4.6	6.4	6.6	5.6
OKC1666	4.8	5.2	5.8	6.3	5.4	5.6	4.7	4.8	4.5	4.9	6.3	7.3	5.6
OKC1682	4.4	6.1	5.8	5.3	6.1	6.8	5.9	4.7	4.6	5.2	6.1	6.5	5.5
MSB-1050	5.5	6.8	6.5	4.0	6.4	5.5	6.3	5.7	4.7	3.7	6.2	6.4	5.5
FB 1903	5.1	5.6	6.4	4.5	5.8	6.5	3.8	5.1	6.1	4.4	6.3	5.5	5.5
FB 1902	4.6	6.0	5.5	4.9	6.1	5.9	4.6	4.7	4.9	4.7	6.2	6.1	5.3
MSB-1075	4.6	5.3	6.2	3.3	5.7	4.4	2.9	5.2	3.5	3.7	6.0	5.0	4.7
LSD VALUE	1.3	0.8	0.5	0.6	0.3	0.6	0.8	0.5	1.0	0.4	0.7	0.7	0.2
C.V. (%)	15.2	7.7	5.2	7.7	3.5	5.4	8.4	5.9	11.2	5.2	7.6	6.6	8.1

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

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

TABLE 16A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER TRAFFIC AT RALEIGH, NC 1/
2020 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	SUMMER DENSITY	FALL DENSITY	% COVER SPRING	WINTER COLOR		SEEDHEAD				QUALITY RATINGS						
							NOVEMBER	DECEMBER	JULY	NOVEMBER	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
TIFTUF	7.0	4.3	7.3	7.7	8.0	94.7	8.0	4.0	4.3	8.0	5.0	4.0	5.0	5.7	6.3	7.0	6.3	7.3	5.8
OKS2015-3	6.3	2.3	7.0	7.0	7.0	99.0	4.7	1.7	6.7	3.7	5.3	4.0	6.0	6.3	6.0	5.3	5.0	5.3	5.4
LATITUDE 36	5.7	4.0	8.0	7.0	8.0	95.3	5.3	2.0	6.0	7.7	4.3	4.3	5.0	5.3	5.7	5.7	5.7	6.3	5.3
JSC 2013-10S	6.0	2.0	7.0	7.3	7.3	98.3	4.3	1.7	4.0	5.0	4.3	3.7	4.7	5.3	5.7	6.3	5.0	5.7	5.1
RIVIERA	6.7	2.7	7.0	6.7	7.0	97.7	4.3	1.7	6.3	4.3	5.0	4.3	5.3	5.7	5.7	5.3	4.3	5.3	5.1
FB 1630	6.7	4.7	7.0	6.7	8.0	94.7	6.7	2.0	2.3	3.3	4.7	3.7	4.7	4.7	5.7	6.0	4.7	5.7	5.0
FB 1903	6.3	2.3	7.0	6.7	7.7	97.0	7.3	3.0	4.7	4.3	3.0	2.7	4.7	5.0	5.3	6.3	6.0	7.0	5.0
JSC 2013-12S	6.3	2.0	7.0	7.0	7.0	97.7	3.7	1.3	4.3	4.7	4.7	4.0	5.3	5.3	5.7	4.3	5.0	5.0	5.0
MSB-1042	5.7	3.0	8.0	6.0	7.3	97.0	6.3	2.0	7.0	8.3	5.0	3.7	5.0	5.3	5.0	5.0	5.0	6.0	5.0
OKS2015-7	6.0	2.3	6.7	6.7	7.0	98.3	3.7	1.7	5.3	3.7	5.3	3.7	5.0	6.0	5.7	5.0	4.3	4.7	5.0
MONACO	6.3	2.7	7.0	6.7	7.0	98.3	4.3	1.7	5.3	4.0	4.0	3.3	5.0	5.0	5.7	6.0	4.7	5.3	4.9
MSB-1048	6.3	1.0	8.0	7.3	8.0	98.3	4.0	1.3	7.3	8.0	4.0	3.3	5.0	5.7	5.3	5.3	5.0	5.3	4.9
OKC1406	6.0	4.3	7.7	6.7	7.3	95.3	6.7	2.3	6.0	5.3	3.7	3.7	5.3	5.7	6.0	5.3	4.7	5.0	4.9
ASTRO	5.7	4.3	7.0	6.0	7.0	97.0	7.7	4.0	6.0	7.0	4.3	3.7	4.7	4.7	5.0	4.3	5.7	4.6	4.6
FB 1628	7.0	4.0	7.0	7.0	7.7	92.3	7.7	2.3	2.0	6.7	3.3	3.0	3.3	3.0	4.7	6.3	6.0	7.0	4.6
JSC 2013-8S	6.7	2.0	7.0	7.3	7.3	98.3	3.7	1.3	3.7	3.7	3.3	3.3	4.7	5.0	5.7	5.7	4.7	4.7	4.6
OKS2015-1	6.0	2.0	7.0	6.7	6.7	98.3	5.0	2.0	5.3	3.3	4.7	4.0	4.3	4.7	5.3	5.3	4.0	4.7	4.6
TAHOMA 31	5.7	4.0	7.7	6.7	7.3	93.0	4.0	1.0	4.0	8.3	3.7	3.3	4.3	4.7	5.3	5.3	4.7	5.3	4.6
JSC 80V	5.7	3.0	7.0	7.0	7.0	95.3	5.7	2.0	6.7	5.7	3.3	2.3	4.3	5.7	5.3	5.3	4.3	5.0	4.5
OKC1876	6.7	3.0	8.0	7.3	8.0	93.0	6.7	3.0	4.7	8.0	3.3	2.7	3.3	3.7	4.7	6.0	5.7	6.3	4.5
JSC 2013-7S	6.7	1.7	7.0	6.7	7.0	99.0	3.3	1.3	4.7	3.7	2.7	2.7	4.7	5.3	5.0	4.0	4.7	4.3	4.3
OKC1873	6.3	4.3	7.3	7.0	7.7	93.7	6.7	3.0	6.3	6.7	2.7	2.0	3.7	4.0	4.7	5.3	5.3	6.3	4.3
JSC 2013-5S	7.0	1.3	7.0	6.7	7.0	96.7	3.7	1.7	4.7	3.0	3.7	3.3	4.0	4.7	5.0	4.7	3.7	4.3	4.2
MSB-1017	6.7	3.0	8.0	7.0	7.7	92.0	4.3	1.7	4.0	8.7	4.0	3.0	4.0	4.0	4.7	4.3	5.3	4.2	4.2
DLF-460/3048	6.0	1.7	6.7	6.3	7.0	97.0	5.3	1.7	6.0	2.3	3.0	2.7	3.3	3.3	5.7	5.7	4.0	5.0	4.1
JSC 77V	6.0	4.0	7.3	6.3	7.3	96.0	6.0	1.7	5.3	3.7	3.0	2.3	4.0	4.7	4.3	4.7	4.0	4.7	4.0
FB 1902	7.0	2.7	7.0	5.3	7.3	94.7	6.3	3.7	3.7	4.0	2.3	2.0	3.7	3.7	4.3	5.0	4.7	5.7	3.9
MSB-1050	7.0	1.0	8.0	6.7	7.7	91.3	4.3	1.0	6.7	9.0	4.0	3.3	4.0	4.0	3.7	4.0	4.0	4.0	3.9
SUN QUEEN (PST-R6MM)	6.7	1.3	7.0	6.0	6.7	97.7	5.3	1.7	4.7	2.0	2.7	2.0	3.3	4.0	4.7	5.0	4.3	5.0	3.9
PST-R6TM	6.3	1.0	6.7	6.0	7.0	95.7	5.3	2.0	4.7	2.7	2.3	2.0	3.0	3.7	4.3	5.3	4.7	5.3	3.8
TIFWAY	6.0	4.3	7.7	5.7	7.0	90.7	5.7	2.7	3.3	8.0	3.7	3.3	3.7	4.0	4.3	4.0	3.3	4.3	3.8
MSB-1026	6.7	3.7	7.3	6.3	7.3	87.3	5.7	2.0	6.7	8.0	3.3	3.0	3.3	3.3	3.7	3.7	3.7	4.3	3.5
OKC1682	5.3	4.7	7.7	5.0	6.7	92.3	4.7	2.3	4.7	6.7	3.0	2.3	2.7	3.0	4.0	3.7	3.7	4.3	3.3
OKC1666	5.0	2.3	7.7	5.3	6.7	92.3	3.3	2.3	6.7	8.3	1.7	1.7	3.0	3.0	3.3	3.7	3.3	4.0	3.0
MSB-1075	6.3	3.3	8.0	5.3	6.7	85.0	4.3	2.3	2.3	6.7	2.0	2.0	2.3	2.3	3.3	3.3	3.0	3.0	2.7
LSD VALUE	0.9	0.9	0.5	1.1	0.7	3.7	1.3	0.8	2.5	1.3	1.7	1.0	1.6	2.2	2.3	1.4	1.2	1.3	1.1
C.V. (%)	7.7	19.9	4.5	9.8	5.7	2.5	15.5	23.4	27.5	16.0	26.4	19.9	20.9	24.8	20.5	15.4	15.8	14.8	14.2

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

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

TABLE 16A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER TRAFFIC AT RALEIGH, NC 1/
2020 DATA

PERCENT GROUND COVER FROM SEPTEMBER 30-NOVEMBER 2 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	SEPTEMBER 30		OCTOBER 9		OCTOBER 16		OCTOBER 26		NOVEMBER 2	
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
TIFTUF	99.0	95.7	99.0	95.7	99.0	92.3	99.0	84.7	99.0	75.7
OKS2015-3	99.0	92.3	99.0	90.0	99.0	85.0	99.0	75.0	99.0	66.7
LATITUDE 36	99.0	95.7	99.0	95.7	99.0	93.3	99.0	85.7	99.0	77.0
JSC 2013-10S	99.0	95.0	99.0	91.7	99.0	89.7	99.0	83.7	99.0	71.7
RIVIERA	99.0	93.3	99.0	90.0	99.0	87.3	99.0	82.3	99.0	75.0
FB 1630	98.3	95.7	98.3	94.0	98.3	91.7	98.3	86.3	98.3	79.3
FB 1903	99.0	95.7	99.0	93.0	99.0	89.0	99.0	83.0	99.0	75.0
JSC 2013-12S	99.0	95.7	99.0	95.0	99.0	93.3	99.0	87.3	99.0	75.0
MSB-1042	99.0	90.7	99.0	88.3	99.0	84.7	99.0	76.7	99.0	70.7
OKS2015-7	99.0	91.7	97.7	88.3	97.7	83.3	97.7	74.0	97.7	63.3
MONACO	99.0	95.7	99.0	94.0	99.0	90.7	99.0	85.7	99.0	75.0
MSB-1048	99.0	93.3	99.0	91.3	99.0	89.0	99.0	79.7	99.0	72.3
OKC1406	99.0	90.0	99.0	85.0	99.0	78.3	99.0	68.3	99.0	63.3
ASTRO	98.3	93.3	98.3	92.3	98.3	89.7	98.3	81.7	98.3	74.3
FB 1628	99.0	95.0	99.0	95.0	99.0	90.7	99.0	86.3	99.0	80.7
JSC 2013-8S	98.3	93.3	98.3	91.7	98.3	90.0	98.3	84.7	98.3	75.7
OKS2015-1	99.0	86.7	99.0	83.3	99.0	79.0	99.0	69.3	99.0	56.7
TAHOMA 31	98.3	94.0	98.3	93.3	98.3	90.3	98.3	84.7	98.3	79.0
JSC 80V	98.3	90.0	98.3	85.0	98.3	80.0	98.3	70.7	98.3	63.0
OKC1876	99.0	93.3	99.0	93.3	99.0	90.7	99.0	84.0	99.0	74.3
JSC 2013-7S	99.0	90.0	99.0	85.0	99.0	83.3	99.0	75.0	99.0	61.7
OKC1873	98.3	94.0	98.3	92.3	98.3	88.7	98.3	78.3	98.3	71.7
JSC 2013-5S	97.7	91.7	97.7	90.0	97.7	86.7	97.7	79.7	97.7	67.7
MSB-1017	98.3	95.7	98.3	95.0	98.3	95.0	98.3	89.0	98.3	81.7
COPPERHEAD (DLF-460/3048)	98.3	91.7	98.3	88.3	98.3	84.0	98.3	74.0	98.3	65.0
JSC 77V	98.3	92.3	98.3	89.7	98.3	85.7	98.3	80.7	98.3	72.0
FB 1902	98.3	90.0	98.3	88.3	98.3	84.0	98.3	74.0	98.3	67.7
MSB-1050	97.0	93.3	97.0	93.3	97.0	92.3	97.7	84.0	97.7	78.3
SUN QUEEN (PST-R6MM)	99.0	86.7	99.0	83.3	99.0	81.7	99.0	75.0	99.0	65.0
PST-R6TM	97.0	88.3	97.0	81.7	97.0	77.7	97.7	70.0	97.7	60.0
TIFWAY	97.0	91.7	97.0	91.7	97.0	88.3	97.0	83.0	97.0	78.3
MSB-1026	97.7	92.3	97.7	92.3	97.7	88.0	97.7	83.0	97.7	75.0
OKC1682	97.7	88.3	97.7	85.7	97.7	81.7	97.7	75.7	97.7	67.7
OKC1666	97.7	90.0	97.7	90.0	97.7	86.3	97.7	76.7	97.7	69.0
MSB-1075	95.7	91.7	95.7	91.7	95.7	91.7	95.7	89.0	95.7	85.7
LSD VALUE	1.6	4.9	2.0	5.6	2.0	6.1	2.1	5.9	2.1	7.4
C.V. (%)	0.9	2.9	1.0	3.7	1.0	4.2	1.0	4.8	1.0	6.6

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 16B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER TRAFFIC AT RALEIGH, NC 1/
2020 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	SUMMER DENSITY	FALL DENSITY	% COVER SPRING	WINTER COLOR		SEEDHEAD				QUALITY RATINGS					MEAN	
							NOVEMBER	DECEMBER	JULY	NOVEMBER	APR	MAY	JUN	JUL	AUG	SEP	OCT		NOV
OKS2015-3	6.3	2.3	7.0	7.0	7.0	99.0	4.7	1.7	6.7	3.7	5.3	4.0	6.0	6.3	6.0	5.3	5.0	5.3	5.4
JSC 2013-10S	6.0	2.0	7.0	7.3	7.3	98.3	4.3	1.7	4.0	5.0	4.3	3.7	4.7	5.3	5.7	6.3	5.0	5.7	5.1
RIVIERA	6.7	2.7	7.0	6.7	7.0	97.7	4.3	1.7	6.3	4.3	5.0	4.3	5.3	5.7	5.7	5.3	4.3	5.3	5.1
JSC 2013-12S	6.3	2.0	7.0	7.0	7.0	97.7	3.7	1.3	4.3	4.7	4.7	4.0	5.3	5.3	5.3	5.7	4.3	5.0	5.0
OKS2015-7	6.0	2.3	6.7	6.7	7.0	98.3	3.7	1.7	5.3	3.7	5.3	3.7	5.0	6.0	5.7	5.0	4.3	4.7	5.0
MONACO	6.3	2.7	7.0	6.7	7.0	98.3	4.3	1.7	5.3	4.0	4.0	3.3	5.0	5.0	5.7	6.0	4.7	5.3	4.9
JSC 2013-8S	6.7	2.0	7.0	7.3	7.3	98.3	3.7	1.3	3.7	3.7	3.3	3.3	4.7	5.0	5.7	5.7	4.7	4.7	4.6
OKS2015-1	6.0	2.0	7.0	6.7	6.7	98.3	5.0	2.0	5.3	3.3	4.7	4.0	4.3	4.7	5.3	5.3	4.0	4.7	4.6
JSC 2013-7S	6.7	1.7	7.0	6.7	7.0	99.0	3.3	1.3	4.7	3.7	2.7	2.7	4.7	5.3	5.0	5.0	4.0	4.7	4.3
JSC 2013-5S	7.0	1.3	7.0	6.7	7.0	96.7	3.7	1.7	4.7	3.0	3.7	3.3	4.0	4.7	5.0	4.7	3.7	4.3	4.2
DLF-460/3048	6.0	1.7	6.7	6.3	7.0	97.0	5.3	1.7	6.0	2.3	3.0	2.7	3.3	3.3	5.7	5.7	4.0	5.0	4.1
SUN QUEEN (PST-R6MM)	6.7	1.3	7.0	6.0	6.7	97.7	5.3	1.7	4.7	2.0	2.7	2.0	3.3	4.0	4.7	5.0	4.3	5.0	3.9
PST-R6TM	6.3	1.0	6.7	6.0	7.0	95.7	5.3	2.0	4.7	2.7	2.3	2.0	3.0	3.7	4.3	5.3	4.7	5.3	3.8
LSD VALUE	1.2	1.2	0.8	1.5	0.9	4.4	1.2	1.1	3.2	1.0	1.4	1.0	1.5	2.3	3.0	1.7	1.3	1.2	0.8
C.V. (%)	7.4	30.5	4.0	9.1	4.6	1.7	14.8	24.6	26.0	17.4	20.5	17.2	17.9	21.6	18.9	12.5	12.7	10.5	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 16B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER TRAFFIC AT RALEIGH, NC 1/
2020 DATA

PERCENT GROUND COVER FROM SEPTEMBER 30-NOVEMBER 2 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	SEPTEMBER 30		OCTOBER 9		OCTOBER 16		OCTOBER 26		NOVEMBER 2	
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
OKS2015-3	99.0	92.3	99.0	90.0	99.0	85.0	99.0	75.0	99.0	66.7
JSC 2013-10S	99.0	95.0	99.0	91.7	99.0	89.7	99.0	83.7	99.0	71.7
RIVIERA	99.0	93.3	99.0	90.0	99.0	87.3	99.0	82.3	99.0	75.0
JSC 2013-12S	99.0	95.7	99.0	95.0	99.0	93.3	99.0	87.3	99.0	75.0
OKS2015-7	99.0	91.7	97.7	88.3	97.7	83.3	97.7	74.0	97.7	63.3
MONACO	99.0	95.7	99.0	94.0	99.0	90.7	99.0	85.7	99.0	75.0
JSC 2013-8S	98.3	93.3	98.3	91.7	98.3	90.0	98.3	84.7	98.3	75.7
OKS2015-1	99.0	86.7	99.0	83.3	99.0	79.0	99.0	69.3	99.0	56.7
JSC 2013-7S	99.0	90.0	99.0	85.0	99.0	83.3	99.0	75.0	99.0	61.7
JSC 2013-5S	97.7	91.7	97.7	90.0	97.7	86.7	97.7	79.7	97.7	67.7
COPPERHEAD (DLF-460/3048)	98.3	91.7	98.3	88.3	98.3	84.0	98.3	74.0	98.3	65.0
SUN QUEEN (PST-R6MM)	99.0	86.7	99.0	83.3	99.0	81.7	99.0	75.0	99.0	65.0
PST-R6TM	97.0	88.3	97.0	81.7	97.0	77.7	97.7	70.0	97.7	60.0
LSD VALUE	1.7	5.6	2.6	9.0	2.6	9.1	3.1	7.4	3.1	10.6
C.V. (%)	0.8	3.2	1.1	5.1	1.1	5.5	1.1	5.6	1.1	8.6

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 16C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER TRAFFIC AT RALEIGH, NC 1/
2020 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	SUMMER DENSITY	FALL DENSITY	% COVER SPRING	WINTER NOVEMBER	COLOR DECEMBER	SEEDHEAD		QUALITY RATINGS								
									JULY	NOVEMBER	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
TIFTUF	7.0	4.3	7.3	7.7	8.0	94.7	8.0	4.0	4.3	8.0	5.0	4.0	5.0	5.7	6.3	7.0	6.3	7.3	5.8
LATITUDE 36	5.7	4.0	8.0	7.0	8.0	95.3	5.3	2.0	6.0	7.7	4.3	4.3	5.0	5.3	5.7	5.7	5.7	6.3	5.3
FB 1630	6.7	4.7	7.0	6.7	8.0	94.7	6.7	2.0	2.3	3.3	4.7	3.7	4.7	4.7	5.7	6.0	4.7	5.7	5.0
FB 1903	6.3	2.3	7.0	6.7	7.7	97.0	7.3	3.0	4.7	4.3	3.0	2.7	4.7	5.0	5.3	6.3	6.0	7.0	5.0
MSB-1042	5.7	3.0	8.0	6.0	7.3	97.0	6.3	2.0	7.0	8.3	5.0	3.7	5.0	5.3	5.0	5.0	5.0	6.0	5.0
MSB-1048	6.3	1.0	8.0	7.3	8.0	98.3	4.0	1.3	7.3	8.0	4.0	3.3	5.0	5.7	5.3	5.3	5.0	5.3	4.9
OKC1406	6.0	4.3	7.7	6.7	7.3	95.3	6.7	2.3	6.0	5.3	3.7	3.7	5.3	5.7	6.0	5.3	4.7	5.0	4.9
ASTRO	5.7	4.3	7.0	6.0	7.0	97.0	7.7	4.0	6.0	7.0	4.3	3.7	4.7	4.7	4.7	5.0	4.3	5.7	4.6
FB 1628	7.0	4.0	7.0	7.0	7.7	92.3	7.7	2.3	2.0	6.7	3.3	3.0	3.3	3.0	4.7	6.3	6.0	7.0	4.6
TAHOMA 31	5.7	4.0	7.7	6.7	7.3	93.0	4.0	1.0	4.0	8.3	3.7	3.3	4.3	4.7	5.3	5.3	4.7	5.3	4.6
JSC 80V	5.7	3.0	7.0	7.0	7.0	95.3	5.7	2.0	6.7	5.7	3.3	2.3	4.3	5.7	5.3	5.3	4.3	5.0	4.5
OKC1876	6.7	3.0	8.0	7.3	8.0	93.0	6.7	3.0	4.7	8.0	3.3	2.7	3.3	3.7	4.7	6.0	5.7	6.3	4.5
OKC1873	6.3	4.3	7.3	7.0	7.7	93.7	6.7	3.0	6.3	6.7	2.7	2.0	3.7	4.0	4.7	5.3	5.3	6.3	4.3
MSB-1017	6.7	3.0	8.0	7.0	7.7	92.0	4.3	1.7	4.0	8.7	4.0	3.0	4.0	4.0	4.0	4.7	4.3	5.3	4.2
JSC 77V	6.0	4.0	7.3	6.3	7.3	96.0	6.0	1.7	5.3	3.7	3.0	2.3	4.0	4.7	4.3	4.7	4.0	4.7	4.0
FB 1902	7.0	2.7	7.0	5.3	7.3	94.7	6.3	3.7	3.7	4.0	2.3	2.0	3.7	3.7	4.3	5.0	4.7	5.7	3.9
MSB-1050	7.0	1.0	8.0	6.7	7.7	91.3	4.3	1.0	6.7	9.0	4.0	3.3	4.0	4.0	3.7	4.0	4.0	4.0	3.9
TIFWAY	6.0	4.3	7.7	5.7	7.0	90.7	5.7	2.7	3.3	8.0	3.7	3.3	3.7	4.0	4.3	4.0	3.3	4.3	3.8
MSB-1026	6.7	3.7	7.3	6.3	7.3	87.3	5.7	2.0	6.7	8.0	3.3	3.0	3.3	3.3	3.7	3.7	3.7	4.3	3.5
OKC1682	5.3	4.7	7.7	5.0	6.7	92.3	4.7	2.3	4.7	6.7	3.0	2.3	2.7	3.0	4.0	3.7	3.7	4.3	3.3
OKC1666	5.0	2.3	7.7	5.3	6.7	92.3	3.3	2.3	6.7	8.3	1.7	1.7	3.0	3.0	3.3	3.7	3.3	4.0	3.0
MSB-1075	6.3	3.3	8.0	5.3	6.7	85.0	4.3	2.3	2.3	6.7	2.0	2.0	2.3	2.3	3.3	3.3	3.0	3.0	2.7
LSD VALUE	0.8	0.8	0.6	1.0	0.9	4.6	1.4	0.8	2.3	1.5	1.6	1.0	1.8	2.4	2.1	1.4	1.3	1.3	1.2
C.V. (%)	8.0	15.9	4.8	9.2	6.3	2.9	15.7	21.3	27.2	14.1	25.0	19.4	22.4	27.0	21.2	16.9	17.1	15.4	15.8

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 16C.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER TRAFFIC AT RALEIGH, NC 1/
2020 DATA

PERCENT GROUND COVER FROM SEPTEMBER 30-NOVEMBER 2 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	SEPTEMBER 30		OCTOBER 9		OCTOBER 16		OCTOBER 26		NOVEMBER 2	
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
TIFTUF	99.0	95.7	99.0	95.7	99.0	92.3	99.0	84.7	99.0	75.7
LATITUDE 36	99.0	95.7	99.0	95.7	99.0	93.3	99.0	85.7	99.0	77.0
FB 1630	98.3	95.7	98.3	94.0	98.3	91.7	98.3	86.3	98.3	79.3
FB 1903	99.0	95.7	99.0	93.0	99.0	89.0	99.0	83.0	99.0	75.0
MSB-1042	99.0	90.7	99.0	88.3	99.0	84.7	99.0	76.7	99.0	70.7
MSB-1048	99.0	93.3	99.0	91.3	99.0	89.0	99.0	79.7	99.0	72.3
OKC1406	99.0	90.0	99.0	85.0	99.0	78.3	99.0	68.3	99.0	63.3
ASTRO	98.3	93.3	98.3	92.3	98.3	89.7	98.3	81.7	98.3	74.3
FB 1628	99.0	95.0	99.0	95.0	99.0	90.7	99.0	86.3	99.0	80.7
TAHOMA 31	98.3	94.0	98.3	93.3	98.3	90.3	98.3	84.7	98.3	79.0
JSC 80V	98.3	90.0	98.3	85.0	98.3	80.0	98.3	70.7	98.3	63.0
OKC1876	99.0	93.3	99.0	93.3	99.0	90.7	99.0	84.0	99.0	74.3
OKC1873	98.3	94.0	98.3	92.3	98.3	88.7	98.3	78.3	98.3	71.7
MSB-1017	98.3	95.7	98.3	95.0	98.3	95.0	98.3	89.0	98.3	81.7
JSC 77V	98.3	92.3	98.3	89.7	98.3	85.7	98.3	80.7	98.3	72.0
FB 1902	98.3	90.0	98.3	88.3	98.3	84.0	98.3	74.0	98.3	67.7
MSB-1050	97.0	93.3	97.0	93.3	97.0	92.3	97.7	84.0	97.7	78.3
TIFWAY	97.0	91.7	97.0	91.7	97.0	88.3	97.0	83.0	97.0	78.3
MSB-1026	97.7	92.3	97.7	92.3	97.7	88.0	97.7	83.0	97.7	75.0
OKC1682	97.7	88.3	97.7	85.7	97.7	81.7	97.7	75.7	97.7	67.7
OKC1666	97.7	90.0	97.7	90.0	97.7	86.3	97.7	76.7	97.7	69.0
MSB-1075	95.7	91.7	95.7	91.7	95.7	91.7	95.7	89.0	95.7	85.7
LSD VALUE	1.8	4.7	1.8	4.1	1.8	4.8	1.7	5.4	1.7	6.2
C.V. (%)	0.9	2.6	0.9	2.7	0.9	3.4	0.9	4.3	0.9	5.3

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

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

TABLE 17A.

PERCENT GROUND COVER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT RALEIGH, NC 1/
2021 DATA 2/

NAME	SEPTEMBER 16		SEPTEMBER 23		SEPTEMBER 30		OCTOBER 7		OCTOBER 14	
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
MSB-1075	99.0	97.7	99.0	93.3	99.0	86.7	99.0	86.7	99.0	83.3
MSB-1017	99.0	98.3	99.0	94.0	99.0	86.7	99.0	85.0	99.0	81.7
JSC 77V	99.0	97.7	99.0	91.7	99.0	84.0	99.0	80.0	99.0	75.0
TIFTUF	99.0	97.0	99.0	92.0	99.0	83.3	99.0	80.0	99.0	75.0
JSC 2013-8S	99.0	97.0	99.0	93.0	99.0	86.7	99.0	83.3	99.0	81.7
LATITUDE 36	99.0	99.0	99.0	93.0	99.0	88.3	99.0	83.3	99.0	81.3
TIFWAY	99.0	97.0	99.0	91.3	99.0	83.3	99.0	78.3	99.0	73.3
FB 1630	99.0	98.3	99.0	93.3	99.0	85.0	99.0	83.3	99.0	79.0
MSB-1050	99.0	97.0	99.0	91.3	99.0	84.0	99.0	81.7	99.0	79.0
OKC1876	99.0	96.3	99.0	93.0	99.0	85.0	99.0	80.0	99.0	78.3
MONACO	99.0	98.3	99.0	93.0	99.0	86.7	99.0	81.7	99.0	76.7
MSB-1048	99.0	98.3	99.0	91.3	99.0	85.0	99.0	80.0	99.0	75.0
TAHOMA 31	98.3	97.7	98.3	93.0	98.3	88.3	99.0	84.0	99.0	80.7
FB 1628	99.0	97.0	99.0	91.7	99.0	78.3	99.0	76.7	99.0	73.3
FB 1903	99.0	97.0	99.0	92.3	99.0	85.0	99.0	76.7	99.0	75.0
JSC 2013-10S	99.0	98.3	99.0	94.7	99.0	88.3	99.0	85.0	99.0	81.7
RIVIERA	99.0	97.0	99.0	92.3	99.0	85.0	99.0	81.7	99.0	79.0
JSC 2013-12S	99.0	97.0	99.0	92.3	99.0	85.7	99.0	83.3	99.0	80.7
JSC 2013-5S	98.3	94.0	98.3	89.0	98.3	81.7	98.3	78.3	98.3	73.3
MSB-1026	99.0	97.0	99.0	90.7	99.0	83.3	99.0	76.7	99.0	73.3
ASTRO	98.3	95.7	98.3	90.3	98.3	83.3	98.3	76.7	98.3	71.7
JSC 2013-7S	99.0	95.7	99.0	91.3	99.0	85.0	99.0	80.0	99.0	76.7
OKS2015-3	99.0	95.7	99.0	91.3	99.0	83.3	99.0	76.7	99.0	71.7
OKS2015-7	99.0	95.0	99.0	89.7	99.0	85.0	99.0	80.0	99.0	76.7
JSC 80V	99.0	96.3	99.0	90.7	99.0	81.7	99.0	76.7	99.0	73.3
MSB-1042	99.0	95.7	99.0	89.0	99.0	80.0	99.0	75.0	99.0	73.3
COPPERHEAD (DLF-460/3048)	99.0	94.0	99.0	88.3	99.0	80.0	99.0	73.3	99.0	70.0
FB 1902	99.0	95.7	99.0	91.3	99.0	80.0	99.0	71.7	99.0	70.0
OKC1682	99.0	96.3	99.0	90.0	99.0	78.3	99.0	71.7	99.0	71.7
OKC1873	99.0	95.0	99.0	89.0	99.0	78.3	99.0	71.7	99.0	68.3
PST-R6TM	97.0	90.0	97.0	86.3	97.0	80.0	97.0	71.7	97.0	68.3
OKC1406	99.0	95.7	99.0	89.7	99.0	80.0	99.0	71.7	99.0	68.3
OKC1666	99.0	96.3	99.0	91.3	99.0	83.3	99.0	75.0	99.0	70.0
SUN QUEEN (PST-R6MM)	99.0	90.0	99.0	85.3	99.0	78.3	99.0	71.7	99.0	66.7
OKS2015-1	99.0	95.7	99.0	89.7	99.0	83.3	99.0	76.7	99.0	71.7
LSD VALUE	0.6	2.1	0.6	4.1	0.6	6.3	0.4	6.2	0.4	5.9
C.V. (%)	0.3	1.4	0.3	2.4	0.3	4.0	0.3	4.8	0.3	4.8

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 17A.
(CONT'D)

PERCENT GROUND COVER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT RALEIGH, NC 1/
2021 DATA 2/

NAME	OCTOBER 21		OCTOBER 28		NOVEMBER 3		NOVEMBER 11	
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
MSB-1075	99.0	80.0	99.0	80.0	99.0	73.3	99.0	65.0
MSB-1017	99.0	78.3	99.0	78.3	99.0	70.0	99.0	63.3
JSC 77V	99.0	75.0	99.0	75.0	99.0	65.0	99.0	56.7
TIFTUF	99.0	73.3	99.0	73.3	99.0	65.0	99.0	56.7
JSC 2013-8S	99.0	76.7	99.0	73.3	99.0	60.0	99.0	55.0
LATITUDE 36	99.0	76.7	99.0	75.0	99.0	61.7	99.0	55.0
TIFWAY	99.0	71.7	99.0	71.7	99.0	61.7	99.0	55.0
FB 1630	99.0	73.3	99.0	73.3	99.0	65.0	99.0	53.3
MSB-1050	99.0	71.7	99.0	71.7	99.0	63.3	99.0	53.3
OKC1876	99.0	73.3	99.0	71.7	99.0	61.7	99.0	53.3
MONACO	99.0	73.3	99.0	70.0	99.0	58.3	99.0	51.7
MSB-1048	99.0	71.7	99.0	68.3	99.0	56.7	99.0	51.7
TAHOMA 31	99.0	76.7	99.0	75.0	99.0	61.7	99.0	51.7
FB 1628	99.0	71.7	99.0	71.7	99.0	61.7	99.0	50.0
FB 1903	99.0	75.0	99.0	71.7	99.0	58.3	99.0	50.0
JSC 2013-10S	99.0	75.0	99.0	71.7	99.0	58.3	99.0	50.0
RIVIERA	99.0	75.0	99.0	73.3	99.0	58.3	99.0	50.0
JSC 2013-12S	99.0	75.0	99.0	71.7	99.0	56.7	99.0	48.3
JSC 2013-5S	98.3	68.3	98.3	68.3	98.3	53.3	98.3	45.0
MSB-1026	99.0	68.3	99.0	65.0	99.0	55.0	99.0	45.0
ASTRO	98.3	65.0	98.3	63.3	98.3	53.3	98.3	43.3
JSC 2013-7S	99.0	68.3	99.0	65.0	99.0	50.0	99.0	43.3
OKS2015-3	99.0	66.7	99.0	63.3	99.0	51.7	99.0	43.3
OKS2015-7	99.0	70.0	99.0	66.7	99.0	50.0	99.0	43.3
JSC 80V	99.0	65.0	99.0	58.3	99.0	50.0	99.0	41.7
MSB-1042	99.0	66.7	99.0	63.3	99.0	48.3	99.0	40.0
COPPERHEAD (DLF-460/3048)	99.0	63.3	99.0	58.3	99.0	46.7	99.0	38.3
FB 1902	99.0	65.0	99.0	60.0	99.0	46.7	99.0	38.3
OKC1682	99.0	65.0	99.0	61.7	99.0	48.3	99.0	38.3
OKC1873	99.0	61.7	99.0	58.3	99.0	46.7	99.0	38.3
PST-R6TM	97.7	60.0	97.7	55.0	97.7	45.0	97.7	38.3
OKC1406	99.0	60.0	99.0	55.0	99.0	43.3	99.0	36.7
OKC1666	99.0	63.3	99.0	58.3	99.0	46.7	99.0	36.7
SUN QUEEN (PST-R6MM)	99.0	61.7	99.0	56.7	99.0	43.3	99.0	36.7
OKS2015-1	99.0	61.7	99.0	58.3	99.0	45.0	99.0	35.0
LSD VALUE	0.7	6.8	0.7	7.5	0.7	8.8	0.7	8.8
C.V. (%)	0.3	6.1	0.3	7.1	0.3	10.1	0.3	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 17B.

PERCENT GROUND COVER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER TRAFFIC STRESS AT RALEIGH, NC 1/
2021 DATA 2/

NAME	SEPTEMBER 16		SEPTEMBER 23		SEPTEMBER 30		OCTOBER 7		OCTOBER 14	
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
JSC 2013-8S	99.0	97.0	99.0	93.0	99.0	86.7	99.0	83.3	99.0	81.7
MONACO	99.0	98.3	99.0	93.0	99.0	86.7	99.0	81.7	99.0	76.7
JSC 2013-10S	99.0	98.3	99.0	94.7	99.0	88.3	99.0	85.0	99.0	81.7
RIVIERA	99.0	97.0	99.0	92.3	99.0	85.0	99.0	81.7	99.0	79.0
JSC 2013-12S	99.0	97.0	99.0	92.3	99.0	85.7	99.0	83.3	99.0	80.7
JSC 2013-5S	98.3	94.0	98.3	89.0	98.3	81.7	98.3	78.3	98.3	73.3
JSC 2013-7S	99.0	95.7	99.0	91.3	99.0	85.0	99.0	80.0	99.0	76.7
OKS2015-3	99.0	95.7	99.0	91.3	99.0	83.3	99.0	76.7	99.0	71.7
OKS2015-7	99.0	95.0	99.0	89.7	99.0	85.0	99.0	80.0	99.0	76.7
COPPERHEAD (DLF-460/3048)	99.0	94.0	99.0	88.3	99.0	80.0	99.0	73.3	99.0	70.0
PST-R6TM	97.0	90.0	97.0	86.3	97.0	80.0	97.0	71.7	97.0	68.3
SUN QUEEN (PST-R6MM)	99.0	90.0	99.0	85.3	99.0	78.3	99.0	71.7	99.0	66.7
OKS2015-1	99.0	95.7	99.0	89.7	99.0	83.3	99.0	76.7	99.0	71.7
LSD VALUE	0.5	2.4	0.5	2.8	0.5	4.1	0.5	4.7	0.5	4.8
C.V. (%)	0.3	1.6	0.3	1.9	0.3	2.8	0.3	3.7	0.3	4.0

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 17B.
(CONT'D)

PERCENT GROUND COVER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER TRAFFIC STRESS AT RALEIGH, NC 1/
2021 DATA 2/

NAME	OCTOBER 21		OCTOBER 28		NOVEMBER 3		NOVEMBER 11	
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
JSC 2013-8S	99.0	76.7	99.0	73.3	99.0	60.0	99.0	55.0
MONACO	99.0	73.3	99.0	70.0	99.0	58.3	99.0	51.7
JSC 2013-10S	99.0	75.0	99.0	71.7	99.0	58.3	99.0	50.0
RIVIERA	99.0	75.0	99.0	73.3	99.0	58.3	99.0	50.0
JSC 2013-12S	99.0	75.0	99.0	71.7	99.0	56.7	99.0	48.3
JSC 2013-5S	98.3	68.3	98.3	68.3	98.3	53.3	98.3	45.0
JSC 2013-7S	99.0	68.3	99.0	65.0	99.0	50.0	99.0	43.3
OKS2015-3	99.0	66.7	99.0	63.3	99.0	51.7	99.0	43.3
OKS2015-7	99.0	70.0	99.0	66.7	99.0	50.0	99.0	43.3
COPPERHEAD (DLF-460/3048)	99.0	63.3	99.0	58.3	99.0	46.7	99.0	38.3
PST-R6TM	97.7	60.0	97.7	55.0	97.7	45.0	97.7	38.3
SUN QUEEN (PST-R6MM)	99.0	61.7	99.0	56.7	99.0	43.3	99.0	36.7
OKS2015-1	99.0	61.7	99.0	58.3	99.0	45.0	99.0	35.0
LSD VALUE	0.9	6.1	0.9	6.1	0.9	7.5	0.9	6.7
C.V. (%)	0.4	5.4	0.4	5.8	0.4	8.5	0.4	9.2

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

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

TABLE 17C.

PERCENT GROUND COVER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER TRAFFIC STRESS AT RALEIGH, NC 1/
2021 DATA 2/

NAME	SEPTEMBER 16		SEPTEMBER 23		SEPTEMBER 30		OCTOBER 7		OCTOBER 14	
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
MSB-1075	99.0	97.7	99.0	93.3	99.0	86.7	99.0	86.7	99.0	83.3
MSB-1017	99.0	98.3	99.0	94.0	99.0	86.7	99.0	85.0	99.0	81.7
JSC 77V	99.0	97.7	99.0	91.7	99.0	84.0	99.0	80.0	99.0	75.0
TIFTUF	99.0	97.0	99.0	92.0	99.0	83.3	99.0	80.0	99.0	75.0
LATITUDE 36	99.0	99.0	99.0	93.0	99.0	88.3	99.0	83.3	99.0	81.3
TIFWAY	99.0	97.0	99.0	91.3	99.0	83.3	99.0	78.3	99.0	73.3
FB 1630	99.0	98.3	99.0	93.3	99.0	85.0	99.0	83.3	99.0	79.0
MSB-1050	99.0	97.0	99.0	91.3	99.0	84.0	99.0	81.7	99.0	79.0
OKC1876	99.0	96.3	99.0	93.0	99.0	85.0	99.0	80.0	99.0	78.3
MSB-1048	99.0	98.3	99.0	91.3	99.0	85.0	99.0	80.0	99.0	75.0
TAHOMA 31	98.3	97.7	98.3	93.0	98.3	88.3	99.0	84.0	99.0	80.7
FB 1628	99.0	97.0	99.0	91.7	99.0	78.3	99.0	76.7	99.0	73.3
FB 1903	99.0	97.0	99.0	92.3	99.0	85.0	99.0	76.7	99.0	75.0
MSB-1026	99.0	97.0	99.0	90.7	99.0	83.3	99.0	76.7	99.0	73.3
ASTRO	98.3	95.7	98.3	90.3	98.3	83.3	98.3	76.7	98.3	71.7
JSC 80V	99.0	96.3	99.0	90.7	99.0	81.7	99.0	76.7	99.0	73.3
MSB-1042	99.0	95.7	99.0	89.0	99.0	80.0	99.0	75.0	99.0	73.3
FB 1902	99.0	95.7	99.0	91.3	99.0	80.0	99.0	71.7	99.0	70.0
OKC1682	99.0	96.3	99.0	90.0	99.0	78.3	99.0	71.7	99.0	71.7
OKC1873	99.0	95.0	99.0	89.0	99.0	78.3	99.0	71.7	99.0	68.3
OKC1406	99.0	95.7	99.0	89.7	99.0	80.0	99.0	71.7	99.0	68.3
OKC1666	99.0	96.3	99.0	91.3	99.0	83.3	99.0	75.0	99.0	70.0
LSD VALUE	1.1	1.9	1.1	4.4	1.1	7.8	0.7	7.2	0.7	6.6
C.V. (%)	0.4	1.1	0.4	2.0	0.4	4.4	0.2	5.3	0.2	5.1

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 17C.
(CONT'D)

PERCENT GROUND COVER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER TRAFFIC STRESS AT RALEIGH, NC 1/
2021 DATA 2/

NAME	OCTOBER 21		OCTOBER 28		NOVEMBER 3		NOVEMBER 11	
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
MSB-1075	99.0	80.0	99.0	80.0	99.0	73.3	99.0	65.0
MSB-1017	99.0	78.3	99.0	78.3	99.0	70.0	99.0	63.3
JSC 77V	99.0	75.0	99.0	75.0	99.0	65.0	99.0	56.7
TIFTUF	99.0	73.3	99.0	73.3	99.0	65.0	99.0	56.7
LATITUDE 36	99.0	76.7	99.0	75.0	99.0	61.7	99.0	55.0
TIFWAY	99.0	71.7	99.0	71.7	99.0	61.7	99.0	55.0
FB 1630	99.0	73.3	99.0	73.3	99.0	65.0	99.0	53.3
MSB-1050	99.0	71.7	99.0	71.7	99.0	63.3	99.0	53.3
OKC1876	99.0	73.3	99.0	71.7	99.0	61.7	99.0	53.3
MSB-1048	99.0	71.7	99.0	68.3	99.0	56.7	99.0	51.7
TAHOMA 31	99.0	76.7	99.0	75.0	99.0	61.7	99.0	51.7
FB 1628	99.0	71.7	99.0	71.7	99.0	61.7	99.0	50.0
FB 1903	99.0	75.0	99.0	71.7	99.0	58.3	99.0	50.0
MSB-1026	99.0	68.3	99.0	65.0	99.0	55.0	99.0	45.0
ASTRO	98.3	65.0	98.3	63.3	98.3	53.3	98.3	43.3
JSC 80V	99.0	65.0	99.0	58.3	99.0	50.0	99.0	41.7
MSB-1042	99.0	66.7	99.0	63.3	99.0	48.3	99.0	40.0
FB 1902	99.0	65.0	99.0	60.0	99.0	46.7	99.0	38.3
OKC1682	99.0	65.0	99.0	61.7	99.0	48.3	99.0	38.3
OKC1873	99.0	61.7	99.0	58.3	99.0	46.7	99.0	38.3
OKC1406	99.0	60.0	99.0	55.0	99.0	43.3	99.0	36.7
OKC1666	99.0	63.3	99.0	58.3	99.0	46.7	99.0	36.7
LSD VALUE	0.7	7.3	0.7	8.4	0.7	10.1	0.7	9.6
C.V. (%)	0.2	6.2	0.2	7.6	0.2	10.8	0.2	12.2

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 18A.

PERCENT GROUND COVER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER TRAFFIC AT RALEIGH, NC 1/
2022 DATA 2/

NAME	SEPTEMBER 12		SEPTEMBER 15		SEPTEMBER 22		SEPTEMBER 24		OCTOBER 6	
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
CELEBRATION HYBRID (MSB-1017)	99	97.0	99	95.7	99	94.0	99	91.3	99	85.0
FB 1903	99	95.7	99	94.7	99	94.0	99	90.7	99	85.7
TIFTUF	99	97.0	99	95.7	99	95.0	99	91.3	99	85.7
LATITUDE 36	99	97.0	99	96.3	99	95.3	99	91.3	99	84.7
MSB-1050	99	97.7	99	97.0	99	95.7	99	94.0	99	84.0
MSB-1075	99	95.3	99	93.7	99	90.7	99	88.0	99	82.7
RIVIERA	99	95.0	99	95.0	99	92.0	99	86.3	99	80.0
FB 1628	99	96.3	99	95.3	99	94.0	99	92.3	99	85.7
FB 1630	99	96.3	99	94.7	99	92.3	99	88.0	99	82.3
TIFWAY	99	95.0	99	94.0	99	93.0	99	89.0	99	82.3
JSC 2013-10S	99	95.0	99	95.0	99	93.0	99	87.3	99	82.3
JSC 2013-8S	99	95.7	99	94.0	99	91.3	99	87.3	99	78.3
JSC 2013-12S	99	95.7	99	95.7	99	93.0	99	89.0	99	80.0
MONACO	99	94.7	99	94.7	99	91.3	99	88.0	99	81.7
MSB-1026	99	94.7	99	94.0	99	92.3	99	88.3	99	80.0
OKC1876	99	94.0	99	94.0	99	93.3	99	88.3	99	80.7
TAHOMA 31	99	97.0	99	97.0	99	95.7	99	92.3	99	82.0
JSC 77V	99	96.3	99	95.3	99	93.0	99	88.0	99	79.7
JSC 2013-7S	99	95.7	99	94.0	99	92.3	99	86.3	99	79.7
OKC1873	99	95.0	99	95.0	99	92.0	99	87.3	99	80.0
OKS2015-3	99	96.3	99	95.0	99	93.0	99	88.7	99	82.3
JSC 2013-5S	99	94.0	99	93.3	99	91.3	99	85.7	99	78.0
ASTRO	99	94.0	99	92.3	99	91.3	99	85.7	99	80.7
COPPERHEAD (DLF-460/3048)	99	94.7	99	93.7	99	91.7	99	85.7	99	78.3
OKC1666	99	94.0	99	94.0	99	92.3	99	87.3	99	81.3
OKS2015-1	99	94.0	99	92.3	99	91.7	99	86.7	99	80.3
FB 1902	99	94.7	99	93.3	99	91.3	99	86.7	99	80.0
MSB-1048	99	93.7	99	93.0	99	91.3	99	87.3	99	78.3
OKS2015-7	99	94.0	99	94.0	99	89.7	99	84.7	99	75.7
JSC 80V	99	95.7	99	93.3	99	91.3	99	86.3	99	78.3
MSB-1042	99	95.0	99	94.0	99	91.3	99	86.7	99	79.0
OKC1406	99	94.0	99	93.0	99	91.3	99	85.7	99	78.3
OKC1682	99	93.0	99	92.0	99	89.0	99	84.0	99	77.0
PST-R6TM	99	94.0	99	93.3	99	90.3	99	85.0	99	76.0
SUN QUEEN (PST-R6MM)	99	94.0	99	91.3	99	89.0	99	81.3	99	73.3
LSD VALUE	0	3.8	0	6.5	0	7.9	0	6.3	0	8.0
C.V (%)	0	1.7	0	2.3	0	2.9	0	3.5	0	4.6

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 18A.
(CONT'D)

PERCENT GROUND COVER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER TRAFFIC AT RALEIGH, NC 1/
2022 DATA 2/

NAME	OCTOBER 13		OCTOBER 20		OCTOBER 27		NOVEMBER 3	
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
CELEBRATION HYBRID (MSB-1017)	99	76.7	99	69.3	99	58.3	99	48.3
FB 1903	99	76.7	99	69.3	99	58.3	99	48.3
TIFTUF	99	74.3	99	67.7	99	55.0	99	46.7
LATITUDE 36	99	75.7	99	68.3	99	55.0	99	45.0
MSB-1050	99	74.3	99	65.3	99	55.0	99	45.0
MSB-1075	99	74.7	99	65.7	99	55.0	99	45.0
RIVIERA	99	73.0	99	66.0	99	55.0	99	43.3
FB 1628	99	75.7	99	63.3	99	50.0	99	41.7
FB 1630	99	75.3	99	65.7	99	53.3	99	41.7
TIFWAY	99	73.3	99	64.3	99	53.3	99	41.7
JSC 2013-10S	99	74.0	99	65.0	99	53.3	99	40.7
JSC 2013-8S	99	73.3	99	65.3	99	53.3	99	40.0
JSC 2013-12S	99	73.3	99	63.3	99	51.0	99	38.3
MONACO	99	72.0	99	62.7	99	51.7	99	38.3
MSB-1026	99	67.7	99	60.0	99	50.0	99	38.3
OKC1876	99	71.7	99	64.3	99	51.7	99	38.3
TAHOMA 31	99	70.7	99	62.3	99	50.0	99	38.3
JSC 77V	99	67.7	99	60.7	99	50.0	99	36.7
JSC 2013-7S	99	71.7	99	62.7	99	50.0	99	35.0
OKC1873	99	67.3	99	57.3	99	46.0	99	35.0
OKS2015-3	99	71.7	99	62.7	99	50.0	99	35.0
JSC 2013-5S	99	71.7	99	61.0	99	47.7	99	33.3
ASTRO	99	65.0	99	55.0	99	43.3	99	31.7
COPPERHEAD (DLF-460/3048)	99	67.7	99	59.3	99	45.3	99	31.7
OKC1666	99	67.0	99	58.3	99	45.3	99	31.7
OKS2015-1	99	70.3	99	59.3	99	46.7	99	31.7
FB 1902	99	65.7	99	53.3	99	42.0	99	30.0
MSB-1048	99	66.0	99	56.0	99	44.0	99	30.0
OKS2015-7	99	66.7	99	58.7	99	45.0	99	30.0
JSC 80V	99	64.3	99	54.3	99	42.7	99	28.3
MSB-1042	99	64.0	99	53.3	99	42.3	99	28.3
OKC1406	99	64.0	99	53.3	99	41.3	99	28.3
OKC1682	99	62.7	99	51.7	99	40.3	99	28.3
PST-R6TM	99	61.0	99	52.7	99	42.0	99	26.7
SUN QUEEN (PST-R6MM)	99	59.3	99	50.0	99	39.3	99	26.7
LSD VALUE	0	10.5	0	11.2	0	9.3	0	9.7
C.V (%)	0	7.7	0	9.7	0	10.7	0	15.7

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 18B.

PERCENT GROUND COVER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER TRAFFIC AT RALEIGH, NC 1/
2022 DATA 2/

NAME	SEPTEMBER 12		SEPTEMBER 15		SEPTEMBER 22		SEPTEMBER 24		OCTOBER 6	
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
RIVIERA	99	95.0	99	95.0	99	92.0	99	86.3	99	80.0
JSC 2013-10S	99	95.0	99	95.0	99	93.0	99	87.3	99	82.3
JSC 2013-8S	99	95.7	99	94.0	99	91.3	99	87.3	99	78.3
JSC 2013-12S	99	95.7	99	95.7	99	93.0	99	89.0	99	80.0
MONACO	99	94.7	99	94.7	99	91.3	99	88.0	99	81.7
JSC 2013-7S	99	95.7	99	94.0	99	92.3	99	86.3	99	79.7
OKS2015-3	99	96.3	99	95.0	99	93.0	99	88.7	99	82.3
JSC 2013-5S	99	94.0	99	93.3	99	91.3	99	85.7	99	78.0
COPPERHEAD (DLF-460/3048)	99	94.7	99	93.7	99	91.7	99	85.7	99	78.3
OKS2015-1	99	94.0	99	92.3	99	91.7	99	86.7	99	80.3
OKS2015-7	99	94.0	99	94.0	99	89.7	99	84.7	99	75.7
PST-R6TM	99	94.0	99	93.3	99	90.3	99	85.0	99	76.0
SUN QUEEN (PST-R6MM)	99	94.0	99	91.3	99	89.0	99	81.3	99	73.3
LSD VALUE	0	4.9	0	5.1	0	7.8	0	6.6	0	6.8
C.V (%)	0	1.7	0	2.1	0	2.9	0	3.2	0	4.0

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 18B.
(CONT'D)

PERCENT GROUND COVER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER TRAFFIC AT RALEIGH, NC 1/
2022 DATA 2/

NAME	OCTOBER 13		OCTOBER 20		OCTOBER 27		NOVEMBER 3	
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
RIVIERA	99	73.0	99	66.0	99	55.0	99	43.3
JSC 2013-10S	99	74.0	99	65.0	99	53.3	99	40.7
JSC 2013-8S	99	73.3	99	65.3	99	53.3	99	40.0
JSC 2013-12S	99	73.3	99	63.3	99	51.0	99	38.3
MONACO	99	72.0	99	62.7	99	51.7	99	38.3
JSC 2013-7S	99	71.7	99	62.7	99	50.0	99	35.0
OKS2015-3	99	71.7	99	62.7	99	50.0	99	35.0
JSC 2013-5S	99	71.7	99	61.0	99	47.7	99	33.3
COPPERHEAD (DLF-460/3048)	99	67.7	99	59.3	99	45.3	99	31.7
OKS2015-1	99	70.3	99	59.3	99	46.7	99	31.7
OKS2015-7	99	66.7	99	58.7	99	45.0	99	30.0
PST-R6TM	99	61.0	99	52.7	99	42.0	99	26.7
SUN QUEEN (PST-R6MM)	99	59.3	99	50.0	99	39.3	99	26.7
LSD VALUE	0	9.6	0	8.9	0	7.5	0	8.0
C.V (%)	0	7.0	0	7.7	0	8.5	0	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 18C.

PERCENT GROUND COVER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER TRAFFIC AT RALEIGH, NC 1/
2022 DATA 2/

NAME	SEPTEMBER 12		SEPTEMBER 15		SEPTEMBER 22		SEPTEMBER 24		OCTOBER 6	
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
CELEBRATION HYBRID (MSB-1017)	99	97.0	99	95.7	99	94.0	99	91.3	99	85.0
FB 1903	99	95.7	99	94.7	99	94.0	99	90.7	99	85.7
TIFTUF	99	97.0	99	95.7	99	95.0	99	91.3	99	85.7
LATITUDE 36	99	97.0	99	96.3	99	95.3	99	91.3	99	84.7
MSB-1050	99	97.7	99	97.0	99	95.7	99	94.0	99	84.0
MSB-1075	99	95.3	99	93.7	99	90.7	99	88.0	99	82.7
FB 1628	99	96.3	99	95.3	99	94.0	99	92.3	99	85.7
FB 1630	99	96.3	99	94.7	99	92.3	99	88.0	99	82.3
TIFWAY	99	95.0	99	94.0	99	93.0	99	89.0	99	82.3
MSB-1026	99	94.7	99	94.0	99	92.3	99	88.3	99	80.0
OKC1876	99	94.0	99	94.0	99	93.3	99	88.3	99	80.7
TAHOMA 31	99	97.0	99	97.0	99	95.7	99	92.3	99	82.0
JSC 77V	99	96.3	99	95.3	99	93.0	99	88.0	99	79.7
OKC1873	99	95.0	99	95.0	99	92.0	99	87.3	99	80.0
ASTRO	99	94.0	99	92.3	99	91.3	99	85.7	99	80.7
OKC1666	99	94.0	99	94.0	99	92.3	99	87.3	99	81.3
FB 1902	99	94.7	99	93.3	99	91.3	99	86.7	99	80.0
MSB-1048	99	93.7	99	93.0	99	91.3	99	87.3	99	78.3
JSC 80V	99	95.7	99	93.3	99	91.3	99	86.3	99	78.3
MSB-1042	99	95.0	99	94.0	99	91.3	99	86.7	99	79.0
OKC1406	99	94.0	99	93.0	99	91.3	99	85.7	99	78.3
OKC1682	99	93.0	99	92.0	99	89.0	99	84.0	99	77.0
LSD VALUE	0	3.3	0	6.5	0	6.8	0	7.3	0	9.4
C.V (%)	0	1.6	0	2.4	0	2.8	0	3.7	0	4.6

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 18C.
(CONT'D)

PERCENT GROUND COVER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER TRAFFIC AT RALEIGH, NC 1/
2022 DATA 2/

NAME	OCTOBER 13		OCTOBER 20		OCTOBER 27		NOVEMBER 3	
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
CELEBRATION HYBRID (MSB-1017)	99	76.7	99	69.3	99	58.3	99	48.3
FB 1903	99	76.7	99	69.3	99	58.3	99	48.3
TIFTUF	99	74.3	99	67.7	99	55.0	99	46.7
LATITUDE 36	99	75.7	99	68.3	99	55.0	99	45.0
MSB-1050	99	74.3	99	65.3	99	55.0	99	45.0
MSB-1075	99	74.7	99	65.7	99	55.0	99	45.0
FB 1628	99	75.7	99	63.3	99	50.0	99	41.7
FB 1630	99	75.3	99	65.7	99	53.3	99	41.7
TIFWAY	99	73.3	99	64.3	99	53.3	99	41.7
MSB-1026	99	67.7	99	60.0	99	50.0	99	38.3
OKC1876	99	71.7	99	64.3	99	51.7	99	38.3
TAHOMA 31	99	70.7	99	62.3	99	50.0	99	38.3
JSC 77V	99	67.7	99	60.7	99	50.0	99	36.7
OKC1873	99	67.3	99	57.3	99	46.0	99	35.0
ASTRO	99	65.0	99	55.0	99	43.3	99	31.7
OKC1666	99	67.0	99	58.3	99	45.3	99	31.7
FB 1902	99	65.7	99	53.3	99	42.0	99	30.0
MSB-1048	99	66.0	99	56.0	99	44.0	99	30.0
JSC 80V	99	64.3	99	54.3	99	42.7	99	28.3
MSB-1042	99	64.0	99	53.3	99	42.3	99	28.3
OKC1406	99	64.0	99	53.3	99	41.3	99	28.3
OKC1682	99	62.7	99	51.7	99	40.3	99	28.3
LSD VALUE	0	10.7	0	11.0	0	9.5	0	10.0
C.V (%)	0	7.7	0	9.7	0	10.9	0	15.7

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 19A.

PERCENT GROUND COVER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER TRAFFIC AT RALEIGH, NC 1/
2023 DATA 2/

NAME	SEPTEMBER 13		SEPTEMBER 22		SEPTEMBER 29		OCTOBER 6		OCTOBER 13	
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
MSB-1050	99	97.0	99	94.0	99	89.3	99	88.0	99	85.0
LATITUDE 36	99	97.0	99	94.0	99	90.0	99	87.7	99	85.0
CELEBRATION HYBRID (MSB-1017)	99	97.0	99	93.0	99	90.0	99	88.7	99	86.0
FB 1628	99	97.0	99	95.0	99	89.3	99	87.0	99	83.3
TAHOMA 31	99	97.0	99	93.0	99	89.3	99	86.7	99	82.7
FB 1903	99	95.7	99	93.0	99	88.7	99	86.0	99	80.0
JSC 77V	99	97.0	99	94.0	99	90.0	99	85.0	99	81.0
FB 1630	99	97.0	99	93.0	99	87.7	99	85.0	99	81.0
MSB-1075	99	94.0	99	89.0	99	84.3	99	82.7	99	79.0
MSB-1026	99	97.0	99	92.3	99	87.7	99	84.0	99	79.3
RIVIERA	99	93.3	99	89.3	99	84.0	99	81.3	99	78.0
JSC 2013-10S	99	95.0	99	91.3	99	88.0	99	85.0	99	80.7
OKC1876	99	95.0	99	90.7	99	86.0	99	83.7	99	79.7
TIFWAY	99	96.3	99	91.3	99	86.0	99	83.0	99	80.0
MSB-1042	99	95.7	99	90.7	99	84.0	99	80.7	99	77.0
TIFTUF	99	95.7	99	92.3	99	88.3	99	85.0	99	80.7
COPPERHEAD (DLF-460/3048)	99	89.0	99	85.0	99	80.0	99	76.0	99	71.7
JSC 2013-7S	99	91.7	99	87.3	99	82.7	99	80.3	99	76.7
JSC 2013-8S	99	93.3	99	89.0	99	84.0	99	81.3	99	77.0
MONACO	99	93.3	99	87.7	99	84.3	99	81.7	99	75.7
JSC 2013-5S	99	95.0	99	89.3	99	85.0	99	81.3	99	76.0
MSB-1048	99	95.0	99	89.3	99	84.0	99	80.0	99	75.0
OKS2015-1	99	93.3	99	88.7	99	84.0	99	80.0	99	74.0
OKS2015-3	99	95.0	99	90.7	99	85.0	99	80.7	99	75.0
JSC 2013-12S	99	93.3	99	88.3	99	84.0	99	81.3	99	77.7
JSC 80V	99	95.7	99	90.7	99	85.0	99	80.7	99	75.0
OKS2015-7	99	91.7	99	86.7	99	80.7	99	78.7	99	74.0
ASTRO	99	95.7	99	91.7	99	86.7	99	81.7	99	76.7
OKC1873	99	95.0	99	90.7	99	84.0	99	79.3	99	75.0
FB 1902	99	93.3	99	87.7	99	81.3	99	77.0	99	72.3
OKC1406	99	95.7	99	90.7	99	86.0	99	80.7	99	75.0
OKC1682	99	94.7	99	89.7	99	83.3	99	80.0	99	75.0
PST-R6TM	99	87.3	99	83.3	99	77.3	99	71.7	99	66.7
OKC1666	99	95.0	99	90.7	99	86.0	99	82.3	99	76.7
SUN QUEEN (PST-R6MM)	99	88.0	99	81.3	99	76.0	99	72.3	99	67.7
LSD VALUE	0	2.8	0	3.5	0	3.9	0	3.7	0	4.3
C.V. (%)	0	1.9	0	2.4	0	2.9	0	3.0	0	3.6

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 19A.
(CONT'D)

PERCENT GROUND COVER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER TRAFFIC AT RALEIGH, NC 1/
2023 DATA 2/

NAME	OCTOBER 27		NOVEMBER 3		NOVEMBER 10		NOVEMBER 17	
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
MSB-1050	99	81.3	99	76.0	99	69.3	99	65.0
LATITUDE 36	99	81.7	99	74.0	99	68.7	99	62.0
CELEBRATION HYBRID (MSB-1017)	99	82.3	99	76.0	99	69.3	99	60.0
FB 1628	99	76.7	99	70.7	99	63.3	99	56.7
TAHOMA 31	99	75.7	99	70.0	99	61.0	99	56.7
FB 1903	99	74.3	99	67.3	99	59.0	99	51.7
JSC 77V	99	75.7	99	69.0	99	59.3	99	51.7
FB 1630	99	75.0	99	67.7	99	59.3	99	50.0
MSB-1075	99	76.0	99	67.7	99	56.7	99	50.0
MSB-1026	99	74.0	99	64.0	99	56.7	99	49.3
RIVIERA	99	71.0	99	61.0	99	52.7	99	47.7
JSC 2013-10S	99	74.0	99	63.3	99	52.7	99	46.7
OKC1876	99	72.7	99	61.7	99	54.3	99	46.7
TIFWAY	99	74.0	99	64.3	99	56.0	99	46.7
MSB-1042	99	71.3	99	63.3	99	54.3	99	45.0
TIFTUF	99	72.7	99	63.3	99	52.7	99	45.0
COPPERHEAD (DLF-460/3048)	99	65.7	99	57.3	99	48.3	99	43.3
JSC 2013-7S	99	70.7	99	61.7	99	51.7	99	43.3
JSC 2013-8S	99	69.3	99	60.7	99	50.0	99	43.3
MONACO	99	69.3	99	58.3	99	51.0	99	43.3
JSC 2013-5S	99	69.3	99	60.0	99	50.0	99	41.7
MSB-1048	99	69.3	99	58.3	99	50.0	99	40.0
OKS2015-1	99	65.0	99	55.7	99	45.0	99	40.0
OKS2015-3	99	66.7	99	55.0	99	47.0	99	40.0
JSC 2013-12S	99	68.0	99	56.7	99	47.7	99	39.3
JSC 80V	99	67.3	99	56.7	99	47.7	99	39.3
OKS2015-7	99	67.0	99	56.7	99	46.7	99	38.3
ASTRO	99	69.3	99	56.7	99	46.7	99	37.7
OKC1873	99	68.3	99	55.7	99	46.0	99	37.7
FB 1902	99	66.0	99	55.3	99	46.0	99	36.7
OKC1406	99	67.0	99	55.7	99	45.0	99	36.7
OKC1682	99	67.7	99	54.0	99	43.3	99	33.3
PST-R6TM	99	59.3	99	50.0	99	40.0	99	33.3
OKC1666	99	68.3	99	56.7	99	45.0	99	32.7
SUN QUEEN (PST-R6MM)	99	60.3	99	51.0	99	39.7	99	32.7
LSD VALUE	0	5.2	0	7.3	0	8.2	0	10.0
C.V. (%)	0	4.8	0	7.5	0	10.0	0	13.9

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

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

TABLE 19B.

PERCENT GROUND COVER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS)
GROWN UNDER TRAFFIC AT RALEIGH, NC 1/
2023 DATA 2/

NAME	SEPTEMBER 13		SEPTEMBER 22		SEPTEMBER 29		OCTOBER 6		OCTOBER 13	
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
RIVIERA	99	93.3	99	89.3	99	84.0	99	81.3	99	78.0
JSC 2013-10S	99	95.0	99	91.3	99	88.0	99	85.0	99	80.7
COPPERHEAD (DLF-460/3048)	99	89.0	99	85.0	99	80.0	99	76.0	99	71.7
JSC 2013-7S	99	91.7	99	87.3	99	82.7	99	80.3	99	76.7
JSC 2013-8S	99	93.3	99	89.0	99	84.0	99	81.3	99	77.0
MONACO	99	93.3	99	87.7	99	84.3	99	81.7	99	75.7
JSC 2013-5S	99	95.0	99	89.3	99	85.0	99	81.3	99	76.0
OKS2015-1	99	93.3	99	88.7	99	84.0	99	80.0	99	74.0
OKS2015-3	99	95.0	99	90.7	99	85.0	99	80.7	99	75.0
JSC 2013-12S	99	93.3	99	88.3	99	84.0	99	81.3	99	77.7
OKS2015-7	99	91.7	99	86.7	99	80.7	99	78.7	99	74.0
PST-R6TM	99	87.3	99	83.3	99	77.3	99	71.7	99	66.7
SUN QUEEN (PST-R6MM)	99	88.0	99	81.3	99	76.0	99	72.3	99	67.7
LSD VALUE	0	3.4	0	3.6	0	4.2	0	3.5	0	3.7
C.V. (%)	0	2.1	0	2.4	0	3.0	0	2.8	0	3.0

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 19B.
(CONT'D)

PERCENT GROUND COVER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER TRAFFIC AT RALEIGH, NC 1/
2023 DATA 2/

NAME	OCTOBER 27		NOVEMBER 3		NOVEMBER 10		NOVEMBER 17	
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
RIVIERA	99	71.0	99	61.0	99	52.7	99	47.7
JSC 2013-10S	99	74.0	99	63.3	99	52.7	99	46.7
COPPERHEAD (DLF-460/3048)	99	65.7	99	57.3	99	48.3	99	43.3
JSC 2013-7S	99	70.7	99	61.7	99	51.7	99	43.3
JSC 2013-8S	99	69.3	99	60.7	99	50.0	99	43.3
MONACO	99	69.3	99	58.3	99	51.0	99	43.3
JSC 2013-5S	99	69.3	99	60.0	99	50.0	99	41.7
OKS2015-1	99	65.0	99	55.7	99	45.0	99	40.0
OKS2015-3	99	66.7	99	55.0	99	47.0	99	40.0
JSC 2013-12S	99	68.0	99	56.7	99	47.7	99	39.3
OKS2015-7	99	67.0	99	56.7	99	46.7	99	38.3
PST-R6TM	99	59.3	99	50.0	99	40.0	99	33.3
SUN QUEEN (PST-R6MM)	99	60.3	99	51.0	99	39.7	99	32.7
LSD VALUE	0	5.5	0	10.5	0	12.6	0	16.2
C.V. (%)	0	4.7	0	8.4	0	11.6	0	16.0

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 19C.

PERCENT GROUND COVER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER TRAFFIC AT RALEIGH, NC 1/
2023 DATA 2/

NAME	SEPTEMBER 13		SEPTEMBER 22		SEPTEMBER 29		OCTOBER 6		OCTOBER 13	
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
MSB-1050	99	97.0	99	94.0	99	89.3	99	88.0	99	85.0
LATITUDE 36	99	97.0	99	94.0	99	90.0	99	87.7	99	85.0
CELEBRATION HYBRID (MSB-1017)	99	97.0	99	93.0	99	90.0	99	88.7	99	86.0
FB 1628	99	97.0	99	95.0	99	89.3	99	87.0	99	83.3
TAHOMA 31	99	97.0	99	93.0	99	89.3	99	86.7	99	82.7
FB 1903	99	95.7	99	93.0	99	88.7	99	86.0	99	80.0
JSC 77V	99	97.0	99	94.0	99	90.0	99	85.0	99	81.0
FB 1630	99	97.0	99	93.0	99	87.7	99	85.0	99	81.0
MSB-1075	99	94.0	99	89.0	99	84.3	99	82.7	99	79.0
MSB-1026	99	97.0	99	92.3	99	87.7	99	84.0	99	79.3
OKC1876	99	95.0	99	90.7	99	86.0	99	83.7	99	79.7
TIFWAY	99	96.3	99	91.3	99	86.0	99	83.0	99	80.0
MSB-1042	99	95.7	99	90.7	99	84.0	99	80.7	99	77.0
TIFTUF	99	95.7	99	92.3	99	88.3	99	85.0	99	80.7
MSB-1048	99	95.0	99	89.3	99	84.0	99	80.0	99	75.0
JSC 80V	99	95.7	99	90.7	99	85.0	99	80.7	99	75.0
ASTRO	99	95.7	99	91.7	99	86.7	99	81.7	99	76.7
OKC1873	99	95.0	99	90.7	99	84.0	99	79.3	99	75.0
FB 1902	99	93.3	99	87.7	99	81.3	99	77.0	99	72.3
OKC1406	99	95.7	99	90.7	99	86.0	99	80.7	99	75.0
OKC1682	99	94.7	99	89.7	99	83.3	99	80.0	99	75.0
OKC1666	99	95.0	99	90.7	99	86.0	99	82.3	99	76.7
LSD VALUE	0	3.6	0	3.7	0	3.8	0	3.8	0	4.4
C.V. (%)	0	1.6	0	2.1	0	2.5	0	2.8	0	3.4

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 19C.
(CONT'D)

PERCENT GROUND COVER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER TRAFFIC AT RALEIGH, NC 1/
2023 DATA 2/

NAME	OCTOBER 27		NOVEMBER 3		NOVEMBER 10		NOVEMBER 17	
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
MSB-1050	99	81.3	99	76.0	99	69.3	99	65.0
LATITUDE 36	99	81.7	99	74.0	99	68.7	99	62.0
CELEBRATION HYBRID (MSB-1017)	99	82.3	99	76.0	99	69.3	99	60.0
FB 1628	99	76.7	99	70.7	99	63.3	99	56.7
TAHOMA 31	99	75.7	99	70.0	99	61.0	99	56.7
FB 1903	99	74.3	99	67.3	99	59.0	99	51.7
JSC 77V	99	75.7	99	69.0	99	59.3	99	51.7
FB 1630	99	75.0	99	67.7	99	59.3	99	50.0
MSB-1075	99	76.0	99	67.7	99	56.7	99	50.0
MSB-1026	99	74.0	99	64.0	99	56.7	99	49.3
OKC1876	99	72.7	99	61.7	99	54.3	99	46.7
TIFWAY	99	74.0	99	64.3	99	56.0	99	46.7
MSB-1042	99	71.3	99	63.3	99	54.3	99	45.0
TIFTUF	99	72.7	99	63.3	99	52.7	99	45.0
MSB-1048	99	69.3	99	58.3	99	50.0	99	40.0
JSC 80V	99	67.3	99	56.7	99	47.7	99	39.3
ASTRO	99	69.3	99	56.7	99	46.7	99	37.7
OKC1873	99	68.3	99	55.7	99	46.0	99	37.7
FB 1902	99	66.0	99	55.3	99	46.0	99	36.7
OKC1406	99	67.0	99	55.7	99	45.0	99	36.7
OKC1682	99	67.7	99	54.0	99	43.3	99	33.3
OKC1666	99	68.3	99	56.7	99	45.0	99	32.7
LSD VALUE	0	5.4	0	6.9	0	7.9	0	9.2
C.V. (%)	0	4.6	0	6.9	0	9.1	0	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 20A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2021 DATA

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

NAME	4/1	5/1	6/1	7/11	8/9	8/18	8/25	9/2	9/8	9/15	10/3	10/15	11/1	MEAN
SUN QUEEN (PST-R6MM)	7.3	8.0	7.0	8.3	8.7	6.3	5.7	7.3	7.0	7.0	7.3	8.7	6.0	7.3
FB 1628	5.3	7.3	7.7	7.0	8.0	6.0	7.3	6.7	6.0	7.0	8.3	8.0	7.3	7.1
JSC 2013-10S	6.7	7.3	6.7	8.3	8.7	7.0	5.7	7.3	5.7	6.0	7.7	8.7	6.3	7.1
JSC 2013-8S	6.0	8.3	6.7	8.3	8.3	6.7	5.7	7.7	6.7	6.7	7.3	8.3	6.0	7.1
COPPERHEAD (DLF-460/3048)	5.0	8.0	8.0	8.7	7.7	7.0	5.7	7.0	7.3	7.0	6.7	7.7	5.3	7.0
JSC 2013-5S	5.3	7.7	8.0	8.7	7.7	6.0	5.7	7.0	7.3	6.0	7.3	7.7	6.3	7.0
MSB-1075	6.3	7.3	8.0	8.0	7.3	5.0	6.0	6.7	6.7	6.7	7.7	7.7	8.0	7.0
FB 1902	6.3	7.7	8.3	7.7	7.0	6.7	6.7	6.7	6.3	6.7	7.0	7.0	5.3	6.9
OKC1682	6.0	8.0	7.3	8.0	7.7	6.0	6.0	5.7	5.7	6.0	7.7	7.7	6.7	6.8
OKS2015-3	5.0	8.3	6.7	7.7	7.0	5.7	5.7	7.7	7.3	7.0	7.3	7.0	6.7	6.8
TAHOMA 31	6.7	8.0	8.3	8.0	7.7	6.3	5.3	6.7	6.3	6.3	8.0	7.7	4.3	6.8
TIFTUF	6.3	6.3	7.7	8.0	8.0	6.0	6.0	6.3	5.7	6.3	7.0	8.0	6.3	6.8
OKC1873	5.0	7.3	7.7	6.3	9.0	5.3	5.7	6.0	5.7	6.0	8.0	9.0	6.0	6.7
RIVIERA	6.7	7.7	7.3	8.0	8.3	7.3	4.7	5.7	5.3	5.0	7.3	8.3	6.0	6.7
MSB-1026	4.7	7.3	8.3	7.7	6.3	6.7	6.7	7.0	7.0	8.0	6.0	6.3	4.3	6.6
MSB-1050	5.3	6.3	8.3	7.3	7.3	5.3	5.3	6.0	5.7	6.0	8.0	8.0	6.7	6.6
PST-R6TM	6.0	8.0	7.3	8.0	8.0	6.3	5.0	6.3	6.0	5.3	6.7	8.0	5.3	6.6
FB 1903	5.3	6.7	7.0	7.7	7.7	7.3	5.3	5.7	5.3	6.3	7.0	7.7	5.3	6.5
LATITUDE 36	4.7	7.0	8.3	7.7	7.7	6.3	5.7	5.7	5.7	5.3	7.3	7.7	5.0	6.5
MSB-1017	7.7	7.3	6.3	6.7	6.3	5.3	6.0	6.7	5.7	6.0	7.0	6.3	6.7	6.5
MSB-1048	4.3	7.3	7.3	7.0	7.3	5.0	5.7	6.3	6.0	5.7	7.7	7.3	5.7	6.4
OKC1406	4.0	7.3	7.3	6.7	7.3	5.3	6.7	5.7	6.0	6.0	7.3	7.3	6.0	6.4
JSC 2013-7S	5.7	8.0	6.0	7.3	7.3	6.3	5.0	6.0	5.3	4.7	6.7	7.3	6.0	6.3
JSC 80V	5.3	7.7	8.3	7.7	8.0	4.7	5.7	5.7	5.7	6.0	6.3	6.0	5.0	6.3
MONACO	6.0	7.7	4.3	6.7	7.3	7.0	5.3	6.7	6.0	5.7	6.7	7.3	5.3	6.3
OKC1666	5.7	6.7	8.0	8.0	7.7	5.0	5.3	6.0	5.0	5.0	7.3	7.7	5.0	6.3
OKS2015-1	5.3	7.7	5.7	7.3	8.3	6.0	4.7	6.7	6.0	5.7	6.3	8.3	4.3	6.3
OKS2015-7	6.0	8.3	6.0	7.7	7.3	6.7	4.3	6.7	5.0	5.3	6.0	7.3	4.0	6.2
ASTRO	5.3	7.3	7.7	7.7	6.0	5.3	3.3	4.7	4.7	4.7	7.7	6.0	8.7	6.1
FB 1630	3.3	4.3	8.0	7.0	7.0	6.7	6.7	6.0	5.3	6.0	7.3	7.0	4.7	6.1
JSC 77V	4.7	8.0	6.3	7.0	6.0	6.7	6.3	6.0	6.0	6.7	6.0	6.0	4.0	6.1
MSB-1042	5.3	8.3	8.0	7.0	6.7	4.7	5.3	5.3	5.0	5.0	6.7	6.7	5.0	6.1
OKC1876	5.0	7.0	6.0	6.0	5.0	6.0	5.7	6.7	6.3	5.3	6.3	6.0	6.3	6.0
JSC 2013-12S	4.3	7.3	6.7	7.7	7.3	5.0	4.3	5.3	4.3	3.7	6.3	7.3	5.0	5.7
TIFWAY	4.0	5.7	3.7	5.3	5.3	6.0	5.3	5.3	5.3	6.0	6.3	6.0	5.7	5.4
LSD VALUE	4.4	3.6	3.5	2.7	3.7	5.8	3.7	4.9	5.4	6.8	4.4	4.8	4.7	11.9
C.V. (%)	27.0	16.9	20.7	13.9	18.3	24.9	22.0	21.0	24.3	28.8	16.8	19.4	28.4	2.8

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 20A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2021 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
PERCENT GROUND COVER APRIL 1-OCTOBER 12

NAME	4/1	5/18	6/8	7/17	8/9	8/16	8/23	8/30	9/6	9/13	9/27	10/12
SUN QUEEN (PST-R6MM)	56.3	92.3	90.7	95.7	95.3	77.0	83.3	77.0	63.7	55.0	78.0	93.7
FB 1628	54.0	86.7	95.3	94.7	93.0	72.7	88.0	67.7	77.0	73.0	85.3	92.0
JSC 2013-10S	50.0	82.0	85.0	87.3	88.3	80.3	83.3	72.0	58.7	53.7	74.3	86.0
JSC 2013-8S	48.7	85.7	81.0	91.0	90.3	77.7	83.7	79.3	69.0	61.7	75.3	88.7
COPPERHEAD (DLF-460/3048)	53.3	91.3	92.7	95.7	89.7	80.3	84.3	75.0	67.0	62.7	79.7	91.0
JSC 2013-5S	48.3	86.0	89.7	91.7	88.3	78.3	85.7	75.7	66.0	57.3	74.7	88.0
MSB-1075	66.7	85.0	95.0	95.0	88.7	60.7	74.3	77.3	82.7	76.3	83.3	89.7
FB 1902	51.0	75.7	96.0	89.0	92.0	83.0	75.3	71.0	78.3	71.3	82.7	88.7
OKC1682	58.7	83.3	96.3	92.7	96.0	76.7	78.7	67.0	74.3	65.3	86.0	92.7
OKS2015-3	56.7	93.7	93.0	97.0	92.3	74.0	83.0	77.3	66.0	59.3	73.7	93.0
TAHOMA 31	57.3	89.0	94.7	94.3	89.3	76.7	65.7	67.0	73.3	62.0	80.3	90.0
TIFTUF	68.3	78.3	93.3	90.7	94.3	79.7	76.3	69.7	74.3	74.0	84.3	90.7
OKC1873	60.3	78.3	92.3	90.0	93.0	81.0	74.7	65.0	69.0	61.7	83.3	89.7
RIVIERA	48.0	87.7	88.3	91.7	89.7	67.7	73.7	65.0	54.3	48.0	71.3	88.7
MSB-1026	44.3	89.7	99.0	97.0	97.3	84.7	89.3	84.3	89.3	85.7	88.7	95.0
MSB-1050	70.0	80.3	96.3	90.3	90.3	71.3	71.0	69.3	71.3	60.3	82.0	88.0
PST-R6TM	63.7	92.7	91.7	96.3	91.7	77.3	78.0	71.0	60.0	51.0	76.7	92.0
FB 1903	68.3	85.7	96.7	94.3	93.3	88.7	76.7	70.7	79.7	76.3	85.7	91.7
LATITUDE 36	49.0	84.0	97.3	95.7	91.7	80.7	77.0	77.0	79.0	68.7	85.3	92.0
MSB-1017	66.0	88.3	91.3	94.7	95.0	76.0	79.0	76.7	73.7	70.7	85.0	93.0
MSB-1048	49.3	83.3	95.7	93.3	92.3	72.3	74.3	65.3	71.7	64.3	84.3	90.7
OKC1406	62.0	88.0	97.3	96.7	94.0	83.0	81.3	70.0	77.7	65.7	87.0	93.3
JSC 2013-7S	53.3	86.3	88.0	93.3	91.0	73.0	77.7	67.3	55.0	48.7	71.3	90.0
JSC 80V	67.3	80.7	98.0	93.3	88.0	71.7	69.7	73.0	79.3	72.0	80.3	88.7
MONACO	52.3	84.7	89.7	90.7	91.0	80.3	83.3	71.7	57.7	54.0	69.0	89.0
OKC1666	48.7	73.7	95.3	89.3	95.7	66.3	74.7	66.3	73.7	60.3	84.3	90.7
OKS2015-1	51.3	92.0	94.0	96.7	93.0	71.3	76.7	70.7	57.3	51.0	77.3	93.0
OKS2015-7	48.3	88.0	89.7	94.0	92.7	69.0	75.0	68.3	55.7	52.0	76.7	91.7
ASTRO	54.0	81.3	90.0	90.7	87.3	67.7	31.0	49.7	52.0	44.0	66.0	87.0
FB 1630	48.3	86.0	95.0	92.7	96.0	90.0	87.0	79.0	75.7	73.7	88.3	92.3
JSC 77V	55.0	86.7	97.3	96.0	88.7	82.7	82.7	79.7	87.7	83.3	84.3	90.3
MSB-1042	50.0	89.3	92.0	95.7	92.7	65.7	70.3	63.0	69.0	58.3	84.0	92.3
OKC1876	51.3	81.3	94.3	93.3	89.7	86.7	78.3	78.3	81.0	68.3	83.3	89.3
JSC 2013-12S	49.3	83.3	89.0	90.3	88.0	68.3	74.0	61.3	48.7	42.3	67.3	87.0
TIFWAY	53.3	84.7	92.3	93.3	93.7	84.7	71.3	74.3	78.0	73.0	85.3	91.7
LSD VALUE	27.1	34.5	14.7	21.7	25.3	51.9	23.5	57.5	33.7	44.9	9.4	20.3
C.V. (%)	18.7	10.7	6.0	5.8	6.5	17.8	15.0	19.6	20.1	25.6	6.9	5.3

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

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

TABLE 20A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2021 DATA

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

NAME	4/1	5/1	6/1	7/1	8/9	8/16	8/23	8/30	9/6	9/13	9/27	10/12	11/1
SUN QUEEN (PST-R6MM)	4.3	7.7	6.7	7.3	7.7	5.3	6.0	8.0	7.0	7.7	6.3	4.0	4.3
FB 1628	5.0	6.3	6.7	7.0	7.0	6.0	7.3	6.7	6.0	7.0	7.0	7.3	6.3
JSC 2013-10S	4.0	6.0	5.7	7.0	8.0	5.0	5.0	5.7	5.0	4.3	6.3	4.0	4.3
JSC 2013-8S	4.7	6.7	7.0	8.0	8.0	5.3	5.3	7.3	6.0	5.7	6.3	4.0	4.7
COPPERHEAD (DLF-460/3048)	3.7	7.7	7.7	7.7	6.7	5.0	5.3	7.7	6.7	6.3	5.7	4.0	4.0
JSC 2013-5S	3.7	6.7	7.0	8.0	7.7	4.7	5.0	6.0	5.3	4.7	6.0	3.7	4.0
MSB-1075	6.0	6.0	6.3	6.0	5.7	5.0	6.0	6.7	6.7	6.7	6.7	7.7	6.3
FB 1902	5.7	6.0	7.3	7.3	6.3	6.7	6.7	6.7	6.3	6.7	7.0	8.0	6.7
OKC1682	5.7	6.0	6.3	6.7	6.7	6.0	6.0	5.7	5.7	6.0	7.0	7.7	6.7
OKS2015-3	3.3	7.3	7.0	7.3	7.0	5.0	5.3	7.7	6.7	6.7	6.0	4.3	4.3
TAHOMA 31	6.0	6.3	6.0	6.3	6.0	6.3	5.3	6.7	6.3	6.3	6.7	7.0	6.0
TIFTUF	6.0	4.7	5.3	6.0	6.3	6.0	6.0	6.3	5.7	6.3	7.0	8.0	6.3
OKC1873	5.7	5.7	5.3	6.7	7.0	5.3	5.7	6.0	5.7	6.0	7.0	7.7	6.7
RIVIERA	4.3	6.0	6.3	6.7	6.7	5.0	5.3	6.0	5.7	5.0	5.3	3.0	3.0
MSB-1026	4.0	7.0	7.7	7.7	6.7	6.7	6.7	7.0	7.0	8.0	7.0	8.3	7.0
MSB-1050	6.7	4.7	6.7	6.7	6.0	5.3	5.3	6.0	5.7	6.0	6.7	7.3	6.3
PST-R6TM	4.0	6.3	6.7	7.0	7.0	5.3	5.7	7.3	6.7	7.0	6.0	4.7	4.3
FB 1903	6.3	6.0	6.0	6.3	6.0	7.3	5.3	5.7	5.3	6.3	6.7	7.7	6.3
LATITUDE 36	3.3	5.7	6.3	6.3	6.0	6.3	5.7	5.7	5.7	5.3	6.0	6.3	5.3
MSB-1017	6.7	6.0	5.0	6.0	6.0	5.3	6.0	6.7	5.7	6.0	7.0	7.7	6.7
MSB-1048	5.3	6.0	6.0	6.3	6.0	5.0	5.7	6.3	6.0	5.7	6.3	7.7	6.0
OKC1406	5.7	6.7	6.3	6.3	6.3	5.3	6.7	5.7	6.0	6.0	6.3	7.0	6.3
JSC 2013-7S	3.3	6.0	6.0	6.7	6.0	4.3	5.3	7.0	5.7	6.3	5.7	4.0	4.0
JSC 80V	5.7	5.7	6.3	6.3	5.0	4.7	5.7	5.7	5.7	6.0	6.3	7.7	6.0
MONACO	3.7	6.7	5.7	6.7	7.0	5.3	4.3	5.7	5.3	5.0	5.3	3.3	3.7
OKC1666	4.7	5.0	6.0	6.0	6.3	5.0	5.3	6.0	5.0	5.0	6.0	7.0	6.0
OKS2015-1	3.3	6.0	6.0	6.7	6.7	4.3	4.7	6.7	6.7	6.0	5.0	3.7	3.7
OKS2015-7	4.0	6.3	6.0	6.7	7.0	5.0	5.7	6.7	6.7	5.3	5.3	3.3	3.7
ASTRO	5.7	6.0	5.0	4.3	3.7	5.3	3.3	4.7	4.7	4.7	5.3	7.7	5.7
FB 1630	3.7	4.7	6.0	6.3	5.7	6.0	6.3	5.7	5.3	5.3	6.0	6.3	5.3
JSC 77V	4.7	6.7	6.3	6.3	5.3	6.7	6.3	6.0	6.0	6.7	6.7	8.3	6.3
MSB-1042	4.0	6.7	5.3	5.7	5.3	4.7	5.3	5.3	5.0	5.0	6.3	8.0	6.3
OKC1876	4.3	5.0	5.0	5.0	4.7	6.0	5.7	6.7	6.3	5.3	5.0	5.7	4.7
JSC 2013-12S	3.7	5.0	6.0	6.7	6.0	4.0	4.3	5.7	6.0	5.3	5.3	3.7	3.3
TIFWAY	4.3	4.7	4.0	5.3	5.3	6.0	5.3	5.3	5.3	6.0	6.3	7.3	6.3
LSD VALUE	2.1	5.9	4.3	3.0	3.1	5.3	4.1	4.2	7.0	6.9	2.3	1.7	1.5
C.V. (%)	23.4	25.6	21.4	17.2	20.0	26.3	22.6	20.3	25.9	29.1	14.4	17.8	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 20A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2021 DATA

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

NAME	SURFACE HARDNESS DURING TRAFFIC AUGUST-SEPTEMBER						VISUAL COVER DURING TRAFFIC AUGUST-SEPTEMBER					
	8/9	8/16	8/23	8/30	9/6	9/13	8/9	8/16	8/23	8/30	9/6	9/13
SUN QUEEN (PST-R6MM)	75.3	77.7	80.3	82.7	86.7	91.7	95.0	76.7	82.7	77.0	62.7	54.3
FB 1628	72.3	72.7	76.0	78.3	82.3	91.0	92.7	71.7	87.7	67.0	76.7	72.7
JSC 2013-10S	64.7	65.0	68.7	70.7	74.7	88.0	87.7	80.0	83.0	71.7	57.7	53.3
JSC 2013-8S	71.7	74.3	77.0	79.7	83.7	89.0	90.0	77.0	83.3	79.3	68.7	61.7
COPPERHEAD (DLF-460/3048)	79.3	81.0	84.0	86.3	89.7	92.3	89.0	79.7	84.3	74.3	66.3	61.7
JSC 2013-5S	69.0	72.3	74.3	76.3	79.0	85.7	88.3	78.0	85.3	75.0	65.7	57.0
MSB-1075	70.7	73.7	76.0	78.7	82.7	87.7	88.3	60.7	74.0	76.7	82.7	75.7
FB 1902	72.3	74.0	77.0	79.0	82.7	92.3	92.0	82.3	74.7	70.3	77.3	70.3
OKC1682	72.0	74.0	77.0	79.3	83.3	88.7	95.7	76.0	78.0	66.0	73.3	64.7
OKS2015-3	73.7	75.3	78.3	80.3	84.3	90.0	92.0	73.3	82.7	77.3	65.3	59.0
TAHOMA 31	70.7	74.0	76.0	78.7	82.7	88.7	89.3	76.3	65.3	66.7	72.7	61.0
TIFTUF	66.3	68.3	71.0	73.3	77.3	88.3	93.7	79.0	76.0	69.3	74.0	73.7
OKC1873	61.0	65.0	66.7	69.7	73.7	81.7	92.7	80.7	74.0	64.3	68.7	61.0
RIVIERA	82.7	83.7	87.0	89.0	93.0	99.0	89.3	67.3	73.3	64.3	53.3	47.3
MSB-1026	66.7	75.3	74.7	78.7	82.7	89.0	96.7	84.3	89.0	83.7	88.7	85.0
MSB-1050	61.0	65.7	67.0	70.0	74.0	83.3	89.7	71.0	70.3	68.7	71.0	59.7
PST-R6TM	68.7	73.0	74.3	77.3	81.3	87.0	91.3	77.0	77.7	70.3	60.0	50.7
FB 1903	70.0	73.3	75.3	78.0	82.0	89.3	93.0	88.3	76.3	70.0	79.3	75.7
LATITUDE 36	59.7	62.3	65.0	67.3	71.3	79.7	91.7	80.3	76.7	76.0	78.3	68.3
MSB-1017	54.0	58.0	59.7	62.3	66.3	77.3	94.3	75.7	78.7	76.0	73.3	70.3
MSB-1048	66.3	67.7	70.7	73.0	77.0	85.7	91.3	72.0	74.0	65.3	71.0	63.3
OKC1406	55.7	60.3	62.0	65.0	69.0	84.0	94.0	82.3	81.0	69.7	77.0	65.3
JSC 2013-7S	68.3	71.0	73.3	75.7	78.3	86.0	90.7	72.3	77.0	67.0	54.7	48.0
JSC 80V	62.7	72.7	71.3	76.0	80.0	91.0	87.7	71.0	68.7	72.7	79.0	72.0
MONACO	72.7	77.0	78.7	81.7	85.7	93.0	90.7	79.7	82.7	71.3	57.3	53.3
OKC1666	69.3	72.0	74.7	77.0	81.0	89.0	95.3	66.0	74.3	66.0	73.0	59.7
OKS2015-1	68.7	71.0	73.7	76.0	80.0	89.0	92.3	70.7	76.3	70.0	57.0	50.7
OKS2015-7	77.7	77.7	81.3	83.3	87.0	93.7	92.3	68.7	74.3	68.0	54.7	51.7
ASTRO	61.3	63.0	65.7	68.0	72.0	79.0	87.0	67.7	41.0	60.7	62.3	50.7
FB 1630	64.7	67.0	69.7	72.0	76.0	86.7	95.7	89.0	86.7	78.3	75.7	73.0
JSC 77V	59.7	65.3	66.3	69.7	73.7	83.0	88.7	82.0	82.3	78.7	87.7	82.7
MSB-1042	63.3	67.0	69.0	71.7	75.7	85.0	92.7	65.0	70.3	62.3	68.3	58.3
OKC1876	71.3	76.7	77.7	80.7	84.7	92.0	89.0	85.7	78.0	77.3	80.3	67.3
JSC 2013-12S	70.3	71.3	74.7	76.7	80.7	89.7	87.0	68.0	73.0	61.0	48.3	41.7
TIFWAY	59.0	65.0	65.7	69.0	73.0	86.0	93.3	84.7	70.7	73.7	77.7	72.7
LSD VALUE	52.3	44.2	47.9	44.8	42.9	37.9	24.7	52.2	28.6	57.0	30.6	43.2
C.V. (%)	19.4	16.2	16.7	15.4	14.3	10.6	6.4	17.8	15.1	18.4	18.9	24.9

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 20A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2021 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	8/9	SOIL MOISTURE DURING 8/16	TRAFFIC AUGUST-SEPTEMBER 8/23	8/30	9/6	9/13
SUN QUEEN (PST-R6MM)	6.7	7.7	2.0	17.3	18.0	18.7	21.3	17.3	17.0
FB 1628	6.7	8.3	2.3	18.3	19.3	19.3	20.3	17.3	16.7
JSC 2013-10S	5.7	8.3	2.3	19.0	20.0	20.7	22.7	19.0	18.3
JSC 2013-8S	7.0	8.3	2.3	18.3	19.7	20.3	22.3	18.7	17.3
COPPERHEAD (DLF-460/3048)	7.7	8.0	2.7	17.7	18.7	19.0	21.3	17.3	17.7
JSC 2013-5S	7.0	8.3	2.0	19.7	20.3	21.0	22.3	18.7	18.7
MSB-1075	6.3	7.7	2.3	19.0	19.7	20.0	21.3	18.0	17.7
FB 1902	7.3	8.3	2.3	19.3	20.3	20.7	22.7	19.0	19.3
OKC1682	6.3	8.3	2.7	18.7	19.7	19.7	21.7	18.0	18.7
OKS2015-3	7.0	8.3	3.0	18.3	19.3	19.7	21.7	18.0	18.7
TAHOMA 31	6.0	7.3	2.3	19.0	20.3	19.7	21.0	18.0	16.7
TIFTUF	5.3	8.3	2.3	19.7	21.0	21.0	22.7	19.7	19.7
OKC1873	5.3	8.3	2.7	19.0	20.3	20.3	21.0	18.3	18.3
RIVIERA	6.3	7.7	2.7	17.0	18.0	18.3	20.0	16.7	16.0
MSB-1026	7.7	8.7	2.0	19.0	20.3	20.7	22.0	18.7	18.3
MSB-1050	6.7	8.0	2.0	19.7	20.7	21.7	22.0	19.0	18.7
PST-R6TM	6.7	7.7	2.7	17.7	18.7	19.7	22.0	18.0	18.0
FB 1903	6.0	8.3	2.3	19.7	21.0	20.7	22.3	18.7	18.7
LATITUDE 36	6.3	8.3	2.3	19.0	20.0	20.0	21.3	18.0	18.3
MSB-1017	5.0	8.3	2.0	20.0	21.0	20.7	22.0	19.0	18.3
MSB-1048	6.0	8.3	3.0	20.0	21.0	21.0	22.7	19.3	18.7
OKC1406	6.3	8.7	2.0	18.7	20.0	20.3	21.3	18.7	18.7
JSC 2013-7S	6.0	8.0	2.0	18.0	18.7	19.3	21.0	17.3	17.0
JSC 80V	6.3	7.7	2.7	19.3	20.7	20.7	21.3	18.7	18.0
MONACO	5.7	8.0	2.7	18.3	19.3	20.3	21.3	18.3	18.0
OKC1666	6.0	8.7	2.3	20.0	21.0	21.3	22.3	19.3	19.0
OKS2015-1	6.0	7.7	2.3	19.0	20.0	19.7	22.0	18.3	17.7
OKS2015-7	6.0	8.3	2.3	19.0	20.0	20.3	22.0	18.3	18.3
ASTRO	5.0	4.7	2.3	19.0	20.0	20.0	21.3	18.0	18.0
FB 1630	5.7	9.0	2.3	17.7	18.7	19.0	20.7	17.3	18.3
JSC 77V	6.3	8.0	2.7	19.3	20.3	21.3	21.7	18.7	17.7
MSB-1042	5.3	8.0	2.0	19.0	20.3	20.3	21.3	18.7	18.0
OKC1876	5.0	8.3	2.3	18.7	20.0	20.3	21.7	18.3	18.3
JSC 2013-12S	6.0	7.7	2.3	19.0	20.0	20.7	22.0	18.7	18.3
TIFWAY	4.0	8.3	2.0	20.3	21.3	21.0	21.3	19.3	18.0
LSD VALUE	4.5	1.5	1.6	4.9	4.9	3.7	3.5	3.6	3.4
C.V. (%)	21.9	9.6	20.4	7.5	7.4	6.1	5.0	6.2	6.5

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 20B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2021 DATA

NAME	TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/													MEAN
	4/1	5/1	6/1	7/11	8/9	8/18	8/25	9/2	9/8	9/15	10/3	10/15	11/1	
SUN QUEEN (PST-R6MM)	7.3	8.0	7.0	8.3	8.7	6.3	5.7	7.3	7.0	7.0	7.3	8.7	6.0	7.3
JSC 2013-10S	6.7	7.3	6.7	8.3	8.7	7.0	5.7	7.3	5.7	6.0	7.7	8.7	6.3	7.1
JSC 2013-8S	6.0	8.3	6.7	8.3	8.3	6.7	5.7	7.7	6.7	6.7	7.3	8.3	6.0	7.1
COPPERHEAD (DLF-460/3048)	5.0	8.0	8.0	8.7	7.7	7.0	5.7	7.0	7.3	7.0	6.7	7.7	5.3	7.0
JSC 2013-5S	5.3	7.7	8.0	8.7	7.7	6.0	5.7	7.0	7.3	6.0	7.3	7.7	6.3	7.0
OKS2015-3	5.0	8.3	6.7	7.7	7.0	5.7	5.7	7.7	7.3	7.0	7.3	7.0	6.7	6.8
RIVIERA	6.7	7.7	7.3	8.0	8.3	7.3	4.7	5.7	5.3	5.0	7.3	8.3	6.0	6.7
PST-R6TM	6.0	8.0	7.3	8.0	8.0	6.3	5.0	6.3	6.0	5.3	6.7	8.0	5.3	6.6
JSC 2013-7S	5.7	8.0	6.0	7.3	7.3	6.3	5.0	6.0	5.3	4.7	6.7	7.3	6.0	6.3
MONACO	6.0	7.7	4.3	6.7	7.3	7.0	5.3	6.7	6.0	5.7	6.7	7.3	5.3	6.3
OKS2015-1	5.3	7.7	5.7	7.3	8.3	6.0	4.7	6.7	6.0	5.7	6.3	8.3	4.3	6.3
OKS2015-7	6.0	8.3	6.0	7.7	7.3	6.7	4.3	6.7	5.0	5.3	6.0	7.3	4.0	6.2
JSC 2013-12S	4.3	7.3	6.7	7.7	7.3	5.0	4.3	5.3	4.3	3.7	6.3	7.3	5.0	5.7
LSD VALUE	4.8	2.1	5.3	3.4	2.7	6.1	4.0	4.0	4.3	6.1	3.3	2.7	6.0	2.5
C.V. (%)	28.5	9.1	28.3	14.9	12.6	29.2	25.1	20.8	26.6	35.7	15.9	12.6	34.7	13.1

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

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

TABLE 20B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2021 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
PERCENT GROUND COVER APRIL 1-OCTOBER 12

NAME	4/1	5/18	6/8	7/17	8/9	8/16	8/23	8/30	9/6	9/13	9/27	10/12
SUN QUEEN (PST-R6MM)	56.3	92.3	90.7	95.7	95.3	77.0	83.3	77.0	63.7	55.0	78.0	93.7
JSC 2013-10S	50.0	82.0	85.0	87.3	88.3	80.3	83.3	72.0	58.7	53.7	74.3	86.0
JSC 2013-8S	48.7	85.7	81.0	91.0	90.3	77.7	83.7	79.3	69.0	61.7	75.3	88.7
COPPERHEAD (DLF-460/3048)	53.3	91.3	92.7	95.7	89.7	80.3	84.3	75.0	67.0	62.7	79.7	91.0
JSC 2013-5S	48.3	86.0	89.7	91.7	88.3	78.3	85.7	75.7	66.0	57.3	74.7	88.0
OKS2015-3	56.7	93.7	93.0	97.0	92.3	74.0	83.0	77.3	66.0	59.3	73.7	93.0
RIVIERA	48.0	87.7	88.3	91.7	89.7	67.7	73.7	65.0	54.3	48.0	71.3	88.7
PST-R6TM	63.7	92.7	91.7	96.3	91.7	77.3	78.0	71.0	60.0	51.0	76.7	92.0
JSC 2013-7S	53.3	86.3	88.0	93.3	91.0	73.0	77.7	67.3	55.0	48.7	71.3	90.0
MONACO	52.3	84.7	89.7	90.7	91.0	80.3	83.3	71.7	57.7	54.0	69.0	89.0
OKS2015-1	51.3	92.0	94.0	96.7	93.0	71.3	76.7	70.7	57.3	51.0	77.3	93.0
OKS2015-7	48.3	88.0	89.7	94.0	92.7	69.0	75.0	68.3	55.7	52.0	76.7	91.7
JSC 2013-12S	49.3	83.3	89.0	90.3	88.0	68.3	74.0	61.3	48.7	42.3	67.3	87.0
LSD VALUE	15.4	18.8	25.9	15.5	12.0	32.3	31.4	31.3	43.6	45.9	15.8	11.8
C.V. (%)	12.2	7.8	9.3	5.9	4.6	14.2	12.7	14.9	23.6	27.2	8.1	4.8

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 20B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2021 DATA

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

NAME	4/1	5/1	6/1	7/1	8/9	8/16	8/23	8/30	9/6	9/13	9/27	10/12	11/1
SUN QUEEN (PST-R6MM)	4.3	7.7	6.7	7.3	7.7	5.3	6.0	8.0	7.0	7.7	6.3	4.0	4.3
JSC 2013-10S	4.0	6.0	5.7	7.0	8.0	5.0	5.0	5.7	5.0	4.3	6.3	4.0	4.3
JSC 2013-8S	4.7	6.7	7.0	8.0	8.0	5.3	5.3	7.3	6.0	5.7	6.3	4.0	4.7
COPPERHEAD (DLF-460/3048)	3.7	7.7	7.7	7.7	6.7	5.0	5.3	7.7	6.7	6.3	5.7	4.0	4.0
JSC 2013-5S	3.7	6.7	7.0	8.0	7.7	4.7	5.0	6.0	5.3	4.7	6.0	3.7	4.0
OKS2015-3	3.3	7.3	7.0	7.3	7.0	5.0	5.3	7.7	6.7	6.7	6.0	4.3	4.3
RIVIERA	4.3	6.0	6.3	6.7	6.7	5.0	5.3	6.0	5.7	5.0	5.3	3.0	3.0
PST-R6TM	4.0	6.3	6.7	7.0	7.0	5.3	5.7	7.3	6.7	7.0	6.0	4.7	4.3
JSC 2013-7S	3.3	6.0	6.0	6.7	6.0	4.3	5.3	7.0	5.7	6.3	5.7	4.0	4.0
MONACO	3.7	6.7	5.7	6.7	7.0	5.3	4.3	5.7	5.3	5.0	5.3	3.3	3.7
OKS2015-1	3.3	6.0	6.0	6.7	6.7	4.3	4.7	6.7	6.7	6.0	5.0	3.7	3.7
OKS2015-7	4.0	6.3	6.0	6.7	7.0	5.0	5.7	6.7	6.7	5.3	5.3	3.3	3.7
JSC 2013-12S	3.7	5.0	6.0	6.7	6.0	4.0	4.3	5.7	6.0	5.3	5.3	3.7	3.3
LSD VALUE	1.6	3.8	4.6	4.1	3.7	5.2	4.2	3.2	5.9	6.0	2.4	2.5	2.1
C.V. (%)	16.6	21.1	22.9	18.3	18.4	31.7	25.4	18.9	29.8	35.1	15.0	22.7	19.7

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

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

TABLE 20B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2021 DATA

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

NAME	SURFACE HARDNESS DURING TRAFFIC AUGUST-SEPTEMBER						VISUAL COVER DURING TRAFFIC AUGUST-SEPTEMBER					
	8/9	8/16	8/23	8/30	9/6	9/13	8/9	8/16	8/23	8/30	9/6	9/13
SUN QUEEN (PST-R6MM)	75.3	77.7	80.3	82.7	86.7	91.7	95.0	76.7	82.7	77.0	62.7	54.3
JSC 2013-10S	64.7	65.0	68.7	70.7	74.7	88.0	87.7	80.0	83.0	71.7	57.7	53.3
JSC 2013-8S	71.7	74.3	77.0	79.7	83.7	89.0	90.0	77.0	83.3	79.3	68.7	61.7
COPPERHEAD (DLF-460/3048)	79.3	81.0	84.0	86.3	89.7	92.3	89.0	79.7	84.3	74.3	66.3	61.7
JSC 2013-5S	69.0	72.3	74.3	76.3	79.0	85.7	88.3	78.0	85.3	75.0	65.7	57.0
OKS2015-3	73.7	75.3	78.3	80.3	84.3	90.0	92.0	73.3	82.7	77.3	65.3	59.0
RIVIERA	82.7	83.7	87.0	89.0	93.0	99.0	89.3	67.3	73.3	64.3	53.3	47.3
PST-R6TM	68.7	73.0	74.3	77.3	81.3	87.0	91.3	77.0	77.7	70.3	60.0	50.7
JSC 2013-7S	68.3	71.0	73.3	75.7	78.3	86.0	90.7	72.3	77.0	67.0	54.7	48.0
MONACO	72.7	77.0	78.7	81.7	85.7	93.0	90.7	79.7	82.7	71.3	57.3	53.3
OKS2015-1	68.7	71.0	73.7	76.0	80.0	89.0	92.3	70.7	76.3	70.0	57.0	50.7
OKS2015-7	77.7	77.7	81.3	83.3	87.0	93.7	92.3	68.7	74.3	68.0	54.7	51.7
JSC 2013-12S	70.3	71.3	74.7	76.7	80.7	89.7	87.0	68.0	73.0	61.0	48.3	41.7
LSD VALUE	44.7	35.9	40.3	36.7	33.9	28.5	12.3	32.3	31.0	31.0	43.6	45.2
C.V. (%)	19.2	15.5	16.5	14.9	13.4	10.1	4.7	14.2	12.8	15.0	23.8	27.1

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 20B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2021 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	8/9	SOIL MOISTURE 8/16	DURING TRAFFIC 8/23	AUGUST-SEPTEMBER 8/30	9/6	9/13
SUN QUEEN (PST-R6MM)	6.7	7.7	2.0	17.3	18.0	18.7	21.3	17.3	17.0
JSC 2013-10S	5.7	8.3	2.3	19.0	20.0	20.7	22.7	19.0	18.3
JSC 2013-8S	7.0	8.3	2.3	18.3	19.7	20.3	22.3	18.7	17.3
COPPERHEAD (DLF-460/3048)	7.7	8.0	2.7	17.7	18.7	19.0	21.3	17.3	17.7
JSC 2013-5S	7.0	8.3	2.0	19.7	20.3	21.0	22.3	18.7	18.7
OKS2015-3	7.0	8.3	3.0	18.3	19.3	19.7	21.7	18.0	18.7
RIVIERA	6.3	7.7	2.7	17.0	18.0	18.3	20.0	16.7	16.0
PST-R6TM	6.7	7.7	2.7	17.7	18.7	19.7	22.0	18.0	18.0
JSC 2013-7S	6.0	8.0	2.0	18.0	18.7	19.3	21.0	17.3	17.0
MONACO	5.7	8.0	2.7	18.3	19.3	20.3	21.3	18.3	18.0
OKS2015-1	6.0	7.7	2.3	19.0	20.0	19.7	22.0	18.3	17.7
OKS2015-7	6.0	8.3	2.3	19.0	20.0	20.3	22.0	18.3	18.3
JSC 2013-12S	6.0	7.7	2.3	19.0	20.0	20.7	22.0	18.7	18.3
LSD VALUE	4.6	1.5	1.2	2.9	3.7	2.7	2.5	3.1	3.2
C.V. (%)	22.9	6.7	20.1	6.3	7.1	5.8	4.7	6.4	6.9

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 20C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2021 DATA

NAME	TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/													MEAN
	4/1	5/1	6/1	7/11	8/9	8/18	8/25	9/2	9/8	9/15	10/3	10/15	11/1	
FB 1628	5.3	7.3	7.7	7.0	8.0	6.0	7.3	6.7	6.0	7.0	8.3	8.0	7.3	7.1
MSB-1075	6.3	7.3	8.0	8.0	7.3	5.0	6.0	6.7	6.7	6.7	7.7	7.7	8.0	7.0
FB 1902	6.3	7.7	8.3	7.7	7.0	6.7	6.7	6.7	6.3	6.7	7.0	7.0	5.3	6.9
OKC1682	6.0	8.0	7.3	8.0	7.7	6.0	6.0	5.7	5.7	6.0	7.7	7.7	6.7	6.8
TAHOMA 31	6.7	8.0	8.3	8.0	7.7	6.3	5.3	6.7	6.3	6.3	7.0	7.7	4.3	6.8
TIFTUF	6.3	6.3	7.7	8.0	8.0	6.0	6.0	6.3	5.7	6.3	8.0	8.0	6.3	6.8
OKC1873	5.0	7.3	7.7	6.3	9.0	5.3	5.7	6.0	5.7	6.0	8.0	9.0	6.0	6.7
MSB-1026	4.7	7.3	8.3	7.7	6.3	6.7	6.7	7.0	7.0	8.0	6.0	6.3	4.3	6.6
MSB-1050	5.3	6.3	8.3	7.3	7.3	5.3	5.3	6.0	5.7	6.0	8.0	8.0	6.7	6.6
FB 1903	5.3	6.7	7.0	7.7	7.7	7.3	5.3	5.7	5.3	6.3	7.0	7.7	5.3	6.5
LATITUDE 36	4.7	7.0	8.3	7.7	7.7	6.3	5.7	5.7	5.7	5.3	7.3	7.7	5.0	6.5
MSB-1017	7.7	7.3	6.3	6.7	6.3	5.3	6.0	6.7	5.7	6.0	7.0	6.3	6.7	6.5
MSB-1048	4.3	7.3	7.3	7.0	7.3	5.0	5.7	6.3	6.0	5.7	7.7	7.3	5.7	6.4
OKC1406	4.0	7.3	7.3	6.7	7.3	5.3	6.7	5.7	6.0	6.0	7.3	7.3	6.0	6.4
JSC 80V	5.3	7.7	8.3	7.7	8.0	4.7	5.7	5.7	5.7	6.0	6.3	6.0	5.0	6.3
OKC1666	5.7	6.7	8.0	8.0	7.7	5.0	5.3	6.0	5.0	5.0	7.3	7.7	5.0	6.3
ASTRO	5.3	7.3	7.7	7.7	6.0	5.3	3.3	4.7	4.7	4.7	7.7	6.0	8.7	6.1
FB 1630	3.3	4.3	8.0	7.0	7.0	6.7	6.7	6.0	5.3	6.0	7.3	7.0	4.7	6.1
JSC 77V	4.7	8.0	6.3	7.0	6.0	6.7	6.3	6.0	6.0	6.7	6.0	6.0	4.0	6.1
MSB-1042	5.3	8.3	8.0	7.0	6.7	4.7	5.3	5.3	5.0	5.0	6.7	6.7	5.0	6.1
OKC1876	5.0	7.0	6.0	6.0	5.0	6.0	5.7	6.7	6.3	5.3	6.3	6.0	6.3	6.0
TIFWAY	4.0	5.7	3.7	5.3	5.3	6.0	5.3	5.3	5.3	6.0	6.3	6.0	5.7	5.4
LSD VALUE	3.3	4.2	2.2	2.2	4.1	2.9	2.9	4.7	4.8	4.9	3.3	5.2	2.5	2.2
C.V. (%)	25.7	20.3	15.7	13.2	20.9	19.1	19.7	21.3	22.5	24.1	15.8	22.6	22.1	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 20C.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2021 DATA

NAME	TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ PERCENT GROUND COVER APRIL 1-OCTOBER 12											
	4/1	5/18	6/8	7/17	8/9	8/16	8/23	8/30	9/6	9/13	9/27	10/12
FB 1628	54.0	86.7	95.3	94.7	93.0	72.7	88.0	67.7	77.0	73.0	85.3	92.0
MSB-1075	66.7	85.0	95.0	95.0	88.7	60.7	74.3	77.3	82.7	76.3	83.3	89.7
FB 1902	51.0	75.7	96.0	89.0	92.0	83.0	75.3	71.0	78.3	71.3	82.7	88.7
OKC1682	58.7	83.3	96.3	92.7	96.0	76.7	78.7	67.0	74.3	65.3	86.0	92.7
TAHOMA 31	57.3	89.0	94.7	94.3	89.3	76.7	65.7	67.0	73.3	62.0	80.3	90.0
TIFTUF	68.3	78.3	93.3	90.7	94.3	79.7	76.3	69.7	74.3	74.0	84.3	90.7
OKC1873	60.3	78.3	92.3	90.0	93.0	81.0	74.7	65.0	69.0	61.7	83.3	89.7
MSB-1026	44.3	89.7	99.0	97.0	97.3	84.7	89.3	84.3	89.3	85.7	88.7	95.0
MSB-1050	70.0	80.3	96.3	90.3	90.3	71.3	71.0	69.3	71.3	60.3	82.0	88.0
FB 1903	68.3	85.7	96.7	94.3	93.3	88.7	76.7	70.7	79.7	76.3	85.7	91.7
LATITUDE 36	49.0	84.0	97.3	95.7	91.7	80.7	77.0	77.0	79.0	68.7	85.3	92.0
MSB-1017	66.0	88.3	91.3	94.7	95.0	76.0	79.0	76.7	73.7	70.7	85.0	93.0
MSB-1048	49.3	83.3	95.7	93.3	92.3	72.3	74.3	65.3	71.7	64.3	84.3	90.7
OKC1406	62.0	88.0	97.3	96.7	94.0	83.0	81.3	70.0	77.7	65.7	87.0	93.3
JSC 80V	67.3	80.7	98.0	93.3	88.0	71.7	69.7	73.0	79.3	72.0	80.3	88.7
OKC1666	48.7	73.7	95.3	89.3	95.7	66.3	74.7	66.3	73.7	60.3	84.3	90.7
ASTRO	54.0	81.3	90.0	90.7	87.3	67.7	31.0	49.7	52.0	44.0	66.0	87.0
FB 1630	48.3	86.0	95.0	92.7	96.0	90.0	87.0	79.0	75.7	73.7	88.3	92.3
JSC 77V	55.0	86.7	97.3	96.0	88.7	82.7	82.7	79.7	87.7	83.3	84.3	90.3
MSB-1042	50.0	89.3	92.0	95.7	92.7	65.7	70.3	63.0	69.0	58.3	84.0	92.3
OKC1876	51.3	81.3	94.3	93.3	89.7	86.7	78.3	78.3	81.0	68.3	83.3	89.3
TIFWAY	53.3	84.7	92.3	93.3	93.7	84.7	71.3	74.3	78.0	73.0	85.3	91.7
LSD VALUE	30.9	35.8	8.4	18.3	25.2	45.1	23.0	53.8	45.2	56.2	9.5	18.9
C.V. (%)	20.7	11.9	3.5	5.5	7.3	18.6	16.1	21.8	18.4	25.1	5.8	5.4

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 20C.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2021 DATA

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

NAME	4/1	5/1	6/1	7/1	8/9	8/16	8/23	8/30	9/6	9/13	9/27	10/12	11/1
FB 1628	5.0	6.3	6.7	7.0	7.0	6.0	7.3	6.7	6.0	7.0	7.0	7.3	6.3
MSB-1075	6.0	6.0	6.3	6.0	5.7	5.0	6.0	6.7	6.7	6.7	6.7	7.7	6.3
FB 1902	5.7	6.0	7.3	7.3	6.3	6.7	6.7	6.7	6.3	6.7	7.0	8.0	6.7
OKC1682	5.7	6.0	6.3	6.7	6.7	6.0	6.0	5.7	5.7	6.0	7.0	7.7	6.7
TAHOMA 31	6.0	6.3	6.0	6.3	6.0	6.3	5.3	6.7	6.3	6.3	6.7	7.0	6.0
TIFTUF	6.0	4.7	5.3	6.0	6.3	6.0	6.0	6.3	5.7	6.3	7.0	8.0	6.3
OKC1873	5.7	5.7	5.3	6.7	7.0	5.3	5.7	6.0	5.7	6.0	7.0	7.7	6.7
MSB-1026	4.0	7.0	7.7	7.7	6.7	6.7	6.7	7.0	7.0	8.0	7.0	8.3	7.0
MSB-1050	6.7	4.7	6.7	6.7	6.0	5.3	5.3	6.0	5.7	6.0	6.7	7.3	6.3
FB 1903	6.3	6.0	6.0	6.3	6.0	7.3	5.3	5.7	5.3	6.3	6.7	7.7	6.3
LATITUDE 36	3.3	5.7	6.3	6.3	6.0	6.3	5.7	5.7	5.7	5.3	6.0	6.3	5.3
MSB-1017	6.7	6.0	5.0	6.0	6.0	5.3	6.0	6.7	5.7	6.0	7.0	7.7	6.7
MSB-1048	5.3	6.0	6.0	6.3	6.0	5.0	5.7	6.3	6.0	5.7	6.3	7.7	6.0
OKC1406	5.7	6.7	6.3	6.3	6.3	5.3	6.7	5.7	6.0	6.0	6.3	7.0	6.3
JSC 80V	5.7	5.7	6.3	6.3	5.0	4.7	5.7	5.7	5.7	6.0	6.3	7.7	6.0
OKC1666	4.7	5.0	6.0	6.0	6.3	5.0	5.3	6.0	5.0	5.0	6.0	7.0	6.0
ASTRO	5.7	6.0	5.0	4.3	3.7	5.3	3.3	4.7	4.7	4.7	5.3	7.7	5.7
FB 1630	3.7	4.7	6.0	6.3	5.7	6.0	6.3	5.7	5.3	5.3	6.0	6.3	5.3
JSC 77V	4.7	6.7	6.3	6.3	5.3	6.7	6.3	6.0	6.0	6.7	6.7	8.3	6.3
MSB-1042	4.0	6.7	5.3	5.7	5.3	4.7	5.3	5.3	5.0	5.0	6.3	8.0	6.3
OKC1876	4.3	5.0	5.0	5.0	4.7	6.0	5.7	6.7	6.3	5.3	5.0	5.7	4.7
TIFWAY	4.3	4.7	4.0	5.3	5.3	6.0	5.3	5.3	5.3	6.0	6.3	7.3	6.3
LSD VALUE	2.9	5.3	2.9	2.4	3.1	3.2	3.0	4.6	4.8	5.0	2.6	3.8	3.4
C.V. (%)	24.1	26.2	19.6	16.0	19.8	19.7	19.8	21.3	22.5	24.8	14.0	16.1	16.7

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

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

TABLE 20C.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2021 DATA

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

NAME	SURFACE HARDNESS DURING TRAFFIC AUGUST-SEPTEMBER						VISUAL COVER DURING TRAFFIC AUGUST-SEPTEMBER					
	8/9	8/16	8/23	8/30	9/6	9/13	8/9	8/16	8/23	8/30	9/6	9/13
FB 1628	72.3	72.7	76.0	78.3	82.3	91.0	92.7	71.7	87.7	67.0	76.7	72.7
MSB-1075	70.7	73.7	76.0	78.7	82.7	87.7	88.3	60.7	74.0	76.7	82.7	75.7
FB 1902	72.3	74.0	77.0	79.0	82.7	92.3	92.0	82.3	74.7	70.3	77.3	70.3
OKC1682	72.0	74.0	77.0	79.3	83.3	88.7	95.7	76.0	78.0	66.0	73.3	64.7
TAHOMA 31	70.7	74.0	76.0	78.7	82.7	88.7	89.3	76.3	65.3	66.7	72.7	61.0
TIFTUF	66.3	68.3	71.0	73.3	77.3	88.3	93.7	79.0	76.0	69.3	74.0	73.7
OKC1873	61.0	65.0	66.7	69.7	73.7	81.7	92.7	80.7	74.0	64.3	68.7	61.0
MSB-1026	66.7	75.3	74.7	78.7	82.7	89.0	96.7	84.3	89.0	83.7	88.7	85.0
MSB-1050	61.0	65.7	67.0	70.0	74.0	83.3	89.7	71.0	70.3	68.7	71.0	59.7
FB 1903	70.0	73.3	75.3	78.0	82.0	89.3	93.0	88.3	76.3	70.0	79.3	75.7
LATITUDE 36	59.7	62.3	65.0	67.3	71.3	79.7	91.7	80.3	76.7	76.0	78.3	68.3
MSB-1017	54.0	58.0	59.7	62.3	66.3	77.3	94.3	75.7	78.7	76.0	73.3	70.3
MSB-1048	66.3	67.7	70.7	73.0	77.0	85.7	91.3	72.0	74.0	65.3	71.0	63.3
OKC1406	55.7	60.3	62.0	65.0	69.0	84.0	94.0	82.3	81.0	69.7	77.0	65.3
JSC 80V	62.7	72.7	71.3	76.0	80.0	91.0	87.7	71.0	68.7	72.7	79.0	72.0
OKC1666	69.3	72.0	74.7	77.0	81.0	89.0	95.3	66.0	74.3	66.0	73.0	59.7
ASTRO	61.3	63.0	65.7	68.0	72.0	79.0	87.0	67.7	41.0	60.7	62.3	50.7
FB 1630	64.7	67.0	69.7	72.0	76.0	86.7	95.7	89.0	86.7	78.3	75.7	73.0
JSC 77V	59.7	65.3	66.3	69.7	73.7	83.0	88.7	82.0	82.3	78.7	87.7	82.7
MSB-1042	63.3	67.0	69.0	71.7	75.7	85.0	92.7	65.0	70.3	62.3	68.3	58.3
OKC1876	71.3	76.7	77.7	80.7	84.7	92.0	89.0	85.7	78.0	77.3	80.3	67.3
TIFWAY	59.0	65.0	65.7	69.0	73.0	86.0	93.3	84.7	70.7	73.7	77.7	72.7
LSD VALUE	41.4	34.0	37.0	35.3	35.1	29.4	24.6	45.5	27.0	52.6	43.9	55.8
C.V. (%)	18.2	14.9	15.3	14.3	13.5	10.0	7.2	18.7	16.3	20.0	16.7	24.1

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 20C.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2021 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	8/9	SOIL MOISTURE 8/16	DURING TRAFFIC 8/23	AUGUST-SEPTEMBER 8/30	9/6	9/13
FB 1628	6.7	8.3	2.3	18.3	19.3	19.3	20.3	17.3	16.7
MSB-1075	6.3	7.7	2.3	19.0	19.7	20.0	21.3	18.0	17.7
FB 1902	7.3	8.3	2.3	19.3	20.3	20.7	22.7	19.0	19.3
OKC1682	6.3	8.3	2.7	18.7	19.7	19.7	21.7	18.0	18.7
TAHOMA 31	6.0	7.3	2.3	19.0	20.3	19.7	21.0	18.0	16.7
TIFTUF	5.3	8.3	2.3	19.7	21.0	21.0	22.7	19.7	19.7
OKC1873	5.3	8.3	2.7	19.0	20.3	20.3	21.0	18.3	18.3
MSB-1026	7.7	8.7	2.0	19.0	20.3	20.7	22.0	18.7	18.3
MSB-1050	6.7	8.0	2.0	19.7	20.7	21.7	22.0	19.0	18.7
FB 1903	6.0	8.3	2.3	19.7	21.0	20.7	22.3	18.7	18.7
LATITUDE 36	6.3	8.3	2.3	19.0	20.0	20.0	21.3	18.0	18.3
MSB-1017	5.0	8.3	2.0	20.0	21.0	20.7	22.0	19.0	18.3
MSB-1048	6.0	8.3	3.0	20.0	21.0	21.0	22.7	19.3	18.7
OKC1406	6.3	8.7	2.0	18.7	20.0	20.3	21.3	18.7	18.7
JSC 80V	6.3	7.7	2.7	19.3	20.7	20.7	21.3	18.7	18.0
OKC1666	6.0	8.7	2.3	20.0	21.0	21.3	22.3	19.3	19.0
ASTRO	5.0	4.7	2.3	19.0	20.0	20.0	21.3	18.0	18.0
FB 1630	5.7	9.0	2.3	17.7	18.7	19.0	20.7	17.3	18.3
JSC 77V	6.3	8.0	2.7	19.3	20.3	21.3	21.7	18.7	17.7
MSB-1042	5.3	8.0	2.0	19.0	20.3	20.3	21.3	18.7	18.0
OKC1876	5.0	8.3	2.3	18.7	20.0	20.3	21.7	18.3	18.3
TIFWAY	4.0	8.3	2.0	20.3	21.3	21.0	21.3	19.3	18.0
LSD VALUE	3.2	1.6	1.5	6.0	5.9	4.2	3.1	3.5	3.4
C.V. (%)	20.5	10.7	20.8	8.2	7.7	6.3	4.9	6.1	6.4

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 21A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2022 DATA

NAME	TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/													MEAN
	APRIL 1	MAY 1	JUNE 1	JULY 11	AUG 9	AUG 18	AUG 25	SEPT 2	SEPT 8	SEPT 15	OCT 3	OCT 15	NOV 1	
FB 1628	7.0	7.7	7.3	6.0	6.3	5.7	5.0	6.0	5.3	5.3	7.0	7.7	8.3	6.5
TIFTUF	5.7	6.7	6.7	6.0	6.7	6.0	5.3	6.0	5.7	5.3	7.0	8.0	8.0	6.4
FB 1903	7.0	7.0	7.3	6.3	6.0	6.0	4.7	5.3	5.0	5.7	6.7	7.7	6.7	6.3
MSB-1026	6.7	7.0	7.3	6.3	6.0	6.0	5.0	6.3	5.7	6.3	6.3	7.0	6.3	6.3
OKS2015-3	6.0	7.3	7.7	8.0	6.7	5.3	3.3	6.7	6.0	4.7	6.3	7.3	6.3	6.3
JSC 2013-10S	5.7	6.7	7.7	7.7	6.0	6.0	3.3	6.0	5.7	4.3	6.3	8.0	6.7	6.2
MSB-1042	6.7	7.7	7.0	5.7	6.3	5.3	5.7	5.0	5.0	5.3	6.3	7.0	6.7	6.1
MSB-1050	5.7	5.7	5.3	4.3	6.7	5.7	5.3	5.7	5.3	6.0	7.3	8.0	7.7	6.1
SUN QUEEN (PST-R6MM)	6.0	7.3	7.3	6.7	6.3	5.7	3.7	6.0	5.7	4.3	6.3	8.0	6.0	6.1
ASTRO	7.0	7.0	6.3	5.0	6.3	5.0	4.7	5.0	5.0	5.0	7.0	6.7	8.3	6.0
JSC 77V	6.0	7.0	6.0	6.3	6.7	5.7	4.7	5.7	5.0	6.0	6.3	6.7	6.0	6.0
TAHOMA 31	7.3	7.7	7.7	4.7	6.3	5.3	5.0	6.0	5.0	4.3	6.0	7.0	6.0	6.0
FB 1902	4.3	7.3	7.0	6.7	6.7	5.7	5.0	5.3	4.0	5.0	6.7	7.0	6.7	5.9
JSC 2013-5S	6.7	7.3	7.3	7.0	6.0	5.3	3.7	5.7	5.0	3.7	5.7	7.3	6.3	5.9
JSC 2013-8S	6.3	7.3	7.3	7.0	5.3	5.3	4.0	6.0	5.0	4.0	6.0	7.3	6.3	5.9
LATITUDE 36	7.0	6.7	6.0	4.3	7.0	5.3	5.0	5.3	5.0	5.0	6.3	7.0	7.0	5.9
MSB-1075	4.7	6.7	6.0	4.7	6.3	4.7	4.7	6.0	4.7	5.0	6.7	7.7	8.7	5.9
PST-R6TM	6.0	7.0	7.0	7.0	6.0	5.7	4.0	5.0	5.3	4.3	6.0	7.7	5.7	5.9
COPPERHEAD (DLF-460/3048)	6.3	7.3	6.3	7.3	6.0	6.0	3.3	5.3	4.7	4.0	5.7	7.3	5.7	5.8
MSB-1048	7.0	6.7	6.3	5.3	6.3	5.3	5.0	5.0	4.3	4.0	6.0	7.0	7.0	5.8
OKC1682	6.7	7.3	6.3	5.3	5.7	5.3	4.0	4.7	4.0	4.7	7.0	7.3	7.7	5.8
CELEBRATION HYBRID (MSB-1017)	7.0	6.7	6.3	5.3	5.7	5.3	5.3	5.0	4.0	4.3	6.0	6.3	7.0	5.7
FB 1630	5.0	5.0	6.0	5.3	6.3	6.0	5.7	5.3	5.0	4.7	6.3	7.0	6.7	5.7
OKC1873	4.3	7.0	7.0	5.0	5.7	5.0	4.7	5.0	4.3	3.7	6.7	7.7	7.7	5.7
MONACO	6.7	7.0	6.7	6.3	6.0	6.0	3.0	5.3	4.7	3.3	5.3	7.0	5.7	5.6
OKC1666	6.7	6.7	6.0	4.7	5.7	4.7	4.7	5.0	4.0	5.0	6.3	7.0	7.0	5.6
OKS2015-7	6.3	7.7	6.7	6.3	5.3	5.3	4.0	5.3	5.0	4.0	5.3	7.0	4.7	5.6
RIVIERA	6.3	7.0	6.7	7.3	6.0	5.7	2.0	4.3	4.3	3.7	5.7	7.7	6.0	5.6
TIFWAY	5.0	6.0	6.3	6.3	6.0	6.0	5.7	5.0	4.3	4.0	5.3	6.0	6.3	5.6
OKS2015-1	5.7	6.3	7.0	7.0	5.7	5.3	3.3	5.0	4.7	4.0	5.3	7.3	5.3	5.5
JSC 2013-7S	6.0	6.7	6.7	6.3	5.3	5.0	3.3	5.0	4.7	3.3	6.0	6.7	5.7	5.4
OKC1876	5.7	6.3	6.0	4.3	5.7	5.3	4.7	5.3	3.7	4.0	5.7	6.0	7.0	5.4
JSC 2013-12S	6.0	6.7	6.7	6.0	5.7	4.3	4.0	4.7	5.0	3.3	5.3	6.3	5.3	5.3
OKC1406	5.3	6.7	5.0	5.0	4.7	4.7	4.0	5.0	4.0	3.3	5.7	7.0	7.3	5.2
JSC 80V	3.3	6.3	5.0	6.0	5.0	4.0	3.3	4.3	3.3	3.7	5.0	6.0	6.3	4.7
LSD VALUE	3.5	2.5	3.8	2.9	4.6	4.3	4.0	4.1	5.0	3.1	2.4	3.6	2.3	2.7
C.V (%)	22.0	12.7	17.8	21.7	18.4	19.5	31.6	20.0	26.6	26.5	14.1	14.3	16.6	12.0

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

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

TABLE 21A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2022 DATA

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

NAME	DIGITAL IMAGING PERCENT GROUND COVER RATINGS								SEPT 6	SEPT 13	SEPT 27	OCT 12
	APRIL 1	MAY 18	JUNE 8	JULY 17	AUG 9	AUG 16	AUG 23	AUG 30				
FB 1628	75.7	75.3	97.0	85.3	88.7	86.7	62.7	59.7	64.3	58.3	71.7	78.7
TIFTUF	48.7	61.7	92.3	84.7	94.3	89.7	69.0	63.0	64.7	64.3	74.3	81.3
FB 1903	64.3	70.7	97.3	86.3	81.0	83.7	53.3	49.3	52.3	49.0	67.3	74.3
MSB-1026	65.3	70.0	97.3	84.3	90.3	87.3	70.7	68.7	74.7	70.3	79.3	86.3
OXS2015-3	60.7	81.0	96.7	96.7	95.7	80.0	73.7	71.3	71.7	50.0	57.0	86.0
JSC 2013-10S	59.0	80.3	97.0	96.7	96.3	83.3	80.3	74.3	71.3	50.7	57.3	83.0
MSB-1042	74.3	78.0	96.3	90.3	96.0	93.3	81.3	68.0	62.3	62.3	73.3	80.3
MSB-1050	54.7	55.0	90.0	65.3	90.3	78.0	70.0	64.3	66.7	61.7	72.0	79.0
SUN QUEEN (PST-R6MM)	62.7	82.0	96.7	96.7	97.3	82.7	79.0	74.0	72.3	46.7	53.3	86.7
ASTRO	74.0	75.0	91.7	85.7	92.7	89.0	72.7	64.3	64.0	63.0	64.3	71.3
JSC 77V	53.3	64.0	96.0	84.0	96.7	90.3	73.7	68.3	71.3	70.3	77.0	84.0
TAHOMA 31	72.3	70.0	97.7	77.3	93.3	85.3	66.3	61.0	63.3	51.3	65.7	72.7
FB 1902	42.0	60.3	97.0	88.3	92.0	90.0	72.7	57.7	50.7	53.3	68.0	75.0
JSC 2013-5S	68.7	84.3	96.7	96.0	96.0	82.3	77.7	71.3	67.7	41.7	48.0	82.0
JSC 2013-8S	67.7	84.3	96.7	96.3	92.0	80.0	80.0	72.7	68.0	41.0	47.7	82.0
LATITUDE 36	77.3	70.0	92.0	72.3	92.7	82.3	69.0	59.7	57.7	54.7	70.0	77.0
MSB-1075	51.3	60.3	92.7	79.0	90.3	85.0	65.7	61.0	63.3	60.3	72.0	79.0
PST-R6TM	66.7	84.3	96.3	97.3	95.0	81.0	75.0	68.0	64.3	44.3	50.7	85.3
COPPERHEAD (DLF-460/3048)	56.0	78.3	92.7	96.0	96.0	83.0	79.3	68.7	61.7	43.3	50.0	85.0
MSB-1048	77.0	69.7	90.7	71.7	90.7	81.0	61.0	53.0	52.3	45.3	64.7	71.7
OKC1682	66.3	69.0	94.7	81.0	84.0	82.7	50.3	49.0	55.3	58.7	72.3	79.3
CELEBRATION HYBRID (MSB-1017)	72.7	75.3	97.3	87.3	94.3	91.0	75.3	63.0	58.7	52.3	68.7	75.7
FB 1630	59.7	69.0	93.0	88.7	95.7	92.3	81.7	67.7	61.3	50.3	69.3	76.3
OKC1873	44.3	59.0	98.0	83.3	95.3	89.3	73.0	64.0	63.0	53.7	68.7	75.7
MONACO	61.7	81.3	94.0	96.7	97.0	83.7	72.7	68.7	67.0	39.0	45.7	80.0
OKC1666	79.7	74.7	94.3	78.7	91.3	85.0	63.7	53.7	52.0	50.7	67.7	74.7
OXS2015-7	68.3	84.3	96.3	96.0	94.7	77.0	76.0	70.7	67.7	42.7	49.3	84.3
RIVIERA	62.0	81.7	96.3	97.0	95.3	76.7	69.3	62.3	58.3	38.3	45.0	80.7
TIFWAY	60.0	72.0	93.3	93.7	95.7	95.0	78.7	65.0	59.3	50.0	67.7	74.7
OXS2015-1	64.3	82.3	96.3	95.7	95.3	78.3	73.3	67.7	65.3	42.3	49.0	85.0
JSC 2013-7S	63.3	81.3	94.7	95.0	94.0	78.3	71.7	64.7	61.0	35.0	41.7	80.0
OKC1876	52.0	62.0	95.3	81.3	95.3	88.0	74.0	59.0	52.7	45.7	64.3	71.3
JSC 2013-12S	66.3	82.0	94.7	94.3	93.3	76.0	77.0	70.3	66.3	38.3	44.7	78.3
OKC1406	60.7	67.0	95.3	83.0	87.7	85.3	63.7	55.3	54.3	45.0	66.0	73.0
JSC 80V	27.7	49.3	85.7	80.7	77.3	78.7	60.7	46.0	39.3	37.3	58.7	65.7
LSD VALUE	73.9	22.3	19.1	29.2	33.9	40.6	56.6	47.0	49.0	48.9	22.5	24.2
C.V (%)	32.7	15.1	5.4	13.5	9.5	12.2	20.7	20.8	22.1	30.7	19.1	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 21A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2022 DATA

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

NAME	DIGITAL IMAGING COLOR RATINGS												
	APRIL 1	MAY 1	JUNE 1	JULY 1	AUG 9	AUG 16	AUG 23	AUG 30	SEPT 6	SEPT 13	SEPT 27	OCT 12	NOV 1
FB 1628	7.0	6.3	6.7	6.0	6.0	5.0	3.3	4.7	3.7	3.0	7.0	6.3	6.0
TIFTUF	5.7	5.3	6.0	6.0	7.7	6.7	6.0	5.7	6.3	6.3	7.0	7.0	6.7
FB 1903	7.0	6.0	6.0	6.3	6.7	5.7	3.7	4.3	6.0	5.0	6.7	6.3	6.3
MSB-1026	6.7	6.3	6.3	6.3	6.0	5.7	4.0	5.3	4.7	5.0	7.3	7.0	7.0
OKS2015-3	6.0	7.0	7.3	8.0	4.3	4.3	3.7	5.7	4.0	4.0	5.0	4.0	3.7
JSC 2013-10S	5.7	6.7	7.3	7.7	6.7	6.0	7.0	6.0	5.7	5.3	5.0	3.7	3.7
MSB-1042	6.7	6.0	5.7	5.7	5.7	5.0	3.3	4.0	4.3	3.7	7.0	7.0	6.7
MSB-1050	5.7	5.0	5.0	4.3	6.3	5.3	4.0	4.7	4.7	4.0	6.7	6.3	6.3
SUN QUEEN (PST-R6MM)	6.0	7.3	7.0	6.7	5.7	5.0	5.0	6.0	4.3	4.7	4.7	4.0	4.0
ASTRO	7.0	5.0	4.0	5.0	6.3	5.3	4.0	4.3	4.7	4.3	6.3	6.0	6.0
JSC 77V	6.0	6.3	5.7	6.3	5.7	5.0	3.7	4.7	4.0	4.0	7.0	7.0	6.3
TAHOMA 31	7.3	5.7	5.0	4.7	6.3	5.3	3.7	5.0	4.7	4.3	6.3	6.0	6.0
FB 1902	4.3	6.0	6.3	6.7	6.3	5.7	3.7	4.7	4.7	4.3	7.0	7.0	6.7
JSC 2013-5S	6.7	7.0	7.3	7.0	6.3	5.3	5.0	5.3	5.0	4.7	4.7	3.7	3.7
JSC 2013-8S	6.3	7.0	7.7	7.0	6.0	5.7	6.0	6.0	4.7	4.7	4.7	4.0	3.7
LATITUDE 36	7.0	5.0	5.0	4.3	6.3	5.7	4.0	4.3	5.0	4.3	6.0	5.3	5.0
MSB-1075	4.7	5.7	5.0	4.7	5.7	5.0	4.0	5.0	4.7	4.0	7.0	6.7	6.0
PST-R6TM	6.3	6.3	6.7	7.0	6.7	5.7	5.0	5.7	5.0	5.3	4.7	4.0	3.7
COPPERHEAD (DLF-460/3048)	6.3	7.3	7.0	7.3	5.3	5.0	4.7	6.0	4.7	5.3	4.7	3.7	3.7
MSB-1048	7.0	5.3	5.7	5.3	6.3	5.0	4.3	5.0	5.0	4.7	6.7	6.3	6.0
OKC1682	6.7	6.0	6.0	5.3	6.0	5.3	3.3	4.3	5.0	4.7	7.0	7.0	6.3
CELEBRATION HYBRID (MSB-1017)	7.0	5.7	5.7	5.3	5.7	4.7	3.0	4.7	5.0	4.3	7.0	6.7	6.7
FB 1630	5.0	5.0	6.0	5.3	6.7	5.7	5.0	4.7	5.7	3.7	5.7	5.3	5.3
OKC1873	4.3	5.3	5.7	5.0	5.7	4.7	3.3	4.3	4.7	4.0	7.0	6.7	6.7
MONACO	6.7	6.3	6.3	6.3	5.7	5.3	4.7	5.0	3.7	4.0	3.7	3.0	2.7
OKC1666	6.7	5.0	5.0	4.7	6.0	5.0	5.0	4.7	5.7	5.0	6.3	6.0	6.0
OKS2015-7	6.3	6.3	6.3	6.3	5.3	4.7	5.3	5.3	4.7	4.7	4.0	3.3	3.3
RIVIERA	6.3	6.3	6.7	7.3	5.3	5.0	5.3	5.3	4.0	4.3	4.0	3.0	2.0
TIFWAY	5.0	5.0	5.7	6.3	6.7	5.3	4.3	4.3	5.3	5.0	6.3	6.3	6.3
OKS2015-1	5.7	6.0	6.3	7.0	6.0	5.0	5.3	5.7	7.7	4.7	4.0	3.0	3.0
JSC 2013-7S	6.0	6.0	6.0	6.3	5.7	4.7	4.0	5.3	3.3	3.3	4.7	3.7	3.7
OKC1876	5.7	4.7	4.0	4.3	5.0	5.0	3.7	5.0	4.7	4.3	5.3	5.0	5.0
JSC 2013-12S	6.0	5.7	5.7	6.0	6.3	5.0	4.7	5.0	4.3	4.7	4.0	3.0	2.7
OKC1406	5.3	6.0	5.3	5.0	6.3	5.0	3.3	4.0	5.7	4.7	6.7	6.3	6.0
JSC 80V	3.3	5.7	5.7	6.0	6.3	5.0	3.7	4.3	4.3	4.3	6.3	6.3	6.0
LSD VALUE	3.6	3.3	2.3	2.9	3.1	2.8	2.7	2.6	3.6	4.7	1.5	1.6	1.5
C.V (%)	22.1	18.9	18.1	21.7	16.3	15.3	27.5	18.2	23.5	27.4	15.8	19.0	19.3

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

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

TABLE 21A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2022 DATA

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

NAME	SURFACE HARDNESS DURING TRAFFIC					VISUAL COVER DURING TRAFFIC						
	AUG 8	AUG 16	AUG 23	AUG 30	SEPT 6	SEPT 13	AUG 9	AUG 16	AUG 23	AUG 30	SEPT 6	SEPT 13
FB 1628	65.7	73.7	83.3	95.0	116.3	145.7	88.7	86.7	62.7	59.7	64.3	58.3
TIFTUF	59.3	67.3	75.0	83.0	97.0	112.3	94.3	89.7	69.0	63.0	64.7	64.3
FB 1903	64.0	72.0	79.3	88.0	102.3	118.0	81.0	83.7	53.3	49.3	52.3	49.0
MSB-1026	62.7	73.7	80.3	90.7	107.0	127.0	90.3	87.3	70.7	68.7	74.7	70.3
OXS2015-3	67.0	75.3	83.7	93.3	111.0	133.0	95.7	80.0	73.7	71.3	71.7	50.0
JSC 2013-10S	57.7	65.0	73.3	83.0	99.7	120.3	96.3	83.3	80.3	74.3	71.3	50.7
MSB-1042	57.7	66.7	75.3	85.7	104.0	128.3	96.0	93.3	81.3	68.0	62.3	62.3
MSB-1050	56.0	65.3	74.0	85.7	105.7	133.0	90.0	78.0	70.0	64.3	66.7	61.7
SUN QUEEN (PST-R6MM)	69.0	77.7	86.0	96.3	115.0	138.3	97.3	82.7	79.0	74.0	72.3	46.7
ASTRO	55.0	63.3	72.0	83.0	102.7	128.7	92.7	89.0	72.7	64.3	64.0	63.0
JSC 77V	55.3	65.3	73.7	86.0	107.0	136.3	96.7	90.3	73.7	68.3	71.3	70.3
TAHOMA 31	65.0	74.0	82.7	94.3	115.0	142.3	93.3	85.3	66.3	61.0	63.3	51.3
FB 1902	66.0	74.3	83.0	93.3	112.3	137.0	92.0	90.0	72.7	57.7	50.7	53.3
JSC 2013-5S	62.7	70.7	78.0	86.0	99.3	113.3	96.0	82.3	77.7	71.3	67.7	41.7
JSC 2013-8S	65.3	73.7	81.3	90.0	105.0	122.0	92.0	80.0	80.0	72.7	68.0	41.0
LATITUDE 36	54.0	62.7	71.7	82.7	102.3	129.0	92.7	82.3	69.0	59.7	57.7	54.7
MSB-1075	64.3	72.0	79.3	87.0	99.7	112.3	90.0	85.0	65.7	61.0	63.3	60.3
PST-R6TM	63.0	72.0	79.7	89.0	105.7	126.0	95.0	81.0	75.0	68.0	64.3	44.3
COPPERHEAD (DLF-460/3048)	72.7	80.3	88.0	96.3	111.0	127.7	96.0	83.0	79.3	68.7	61.7	43.3
MSB-1048	59.3	67.3	75.3	85.0	101.7	121.7	90.7	81.0	61.0	53.0	52.3	45.3
OKC1682	65.3	73.3	81.3	90.3	106.0	124.7	84.0	82.7	50.3	49.0	55.3	58.7
CELEBRATION HYBRID (MSB-1017)	48.7	58.0	66.7	78.3	99.3	127.7	94.3	91.0	75.3	63.0	58.7	52.3
FB 1630	59.0	67.3	76.3	87.3	107.3	134.0	95.7	92.3	81.7	67.7	61.3	50.3
OKC1873	55.3	64.3	71.7	81.0	96.7	115.7	95.3	89.3	73.0	64.0	63.0	53.7
MONACO	67.7	77.0	86.0	97.3	117.3	144.3	97.0	83.7	72.7	68.7	67.0	39.0
OKC1666	62.7	70.7	78.3	86.7	100.3	115.3	91.3	85.0	63.7	53.7	52.0	50.7
OXS2015-7	69.7	76.7	84.3	91.7	104.7	117.7	94.7	77.0	76.0	70.7	67.7	42.7
RIVIERA	76.0	83.7	92.3	102.0	119.3	141.7	95.3	76.7	69.3	62.3	58.3	38.3
TIFWAY	54.0	63.7	71.0	80.7	96.7	116.0	95.7	95.0	78.7	65.0	59.3	50.0
OXS2015-1	62.3	70.3	78.0	87.0	102.0	120.0	95.3	78.3	73.3	67.7	65.3	42.3
JSC 2013-7S	62.7	71.7	81.0	92.7	113.7	142.7	94.0	78.3	71.7	64.7	61.0	35.0
OKC1876	66.0	75.0	82.0	91.3	106.0	122.7	95.3	88.0	74.0	59.0	52.7	45.7
JSC 2013-12S	63.0	70.0	77.3	84.3	96.7	108.3	93.3	76.0	77.0	70.3	66.3	38.3
OKC1406	50.3	59.3	67.0	77.0	94.0	114.3	87.7	85.3	63.7	55.3	54.3	45.0
JSC 80V	59.3	70.7	76.7	86.3	101.3	118.0	77.3	78.7	60.7	46.0	39.3	37.3
LSD VALUE	45.7	39.8	35.8	27.9	27.2	62.9	33.6	40.6	56.6	47.0	49.0	48.9
C.V (%)	19.2	15.3	13.1	10.3	9.4	14.5	9.5	12.2	20.7	20.8	22.1	30.7

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 21A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2022 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	SOIL MOISTURE DURING TRAFFIC					
				AUGUST 8	AUGUST 16	AUGUST 23	AUGUST 30	SEPTEMBER 6	SEPTEMBER 13
FB 1628	6.0	7.3	2.0	14.3	12.3	12.7	10.7	14.7	11.7
TIFTUF	6.0	5.0	2.7	16.0	14.0	15.3	13.3	17.0	14.0
FB 1903	6.3	6.7	2.0	16.0	14.0	14.3	12.3	16.3	13.3
MSB-1026	6.3	6.7	2.3	15.7	13.7	14.3	12.3	16.3	13.3
OKS2015-3	8.0	5.7	3.0	14.7	12.7	14.3	12.3	15.7	13.0
JSC 2013-10S	7.7	6.0	2.3	15.7	13.7	14.3	12.3	16.3	13.3
MSB-1042	5.7	7.3	2.3	15.3	13.3	14.0	12.0	15.7	12.7
MSB-1050	4.3	5.7	2.7	16.3	14.3	14.7	12.7	16.7	13.7
SUN QUEEN (PST-R6MM)	6.7	6.3	2.3	13.7	11.3	12.7	10.7	14.7	11.7
ASTRO	5.0	7.3	2.7	15.3	13.3	14.0	12.0	16.0	13.0
JSC 77V	6.3	5.7	2.7	16.3	14.3	13.7	11.7	16.3	12.7
TAHOMA 31	4.7	7.3	2.0	15.3	13.3	13.0	11.0	15.0	11.7
FB 1902	6.7	4.7	2.7	15.7	13.7	15.0	13.0	16.7	13.7
JSC 2013-5S	7.0	7.0	2.7	16.0	13.7	14.3	12.3	16.3	13.3
JSC 2013-8S	7.0	6.7	2.0	15.0	13.0	13.7	11.7	15.7	12.3
LATITUDE 36	4.3	8.0	2.3	15.0	13.3	14.0	12.0	16.0	13.0
MSB-1075	4.7	5.0	2.3	15.0	13.0	13.7	11.7	15.7	12.7
PST-R6TM	7.0	6.3	2.7	14.7	12.3	14.0	12.0	15.7	12.7
COPPERHEAD (DLF-460/3048)	7.3	5.7	2.3	14.0	12.0	13.3	11.3	15.0	12.0
MSB-1048	5.3	7.7	3.0	16.0	14.0	14.7	12.7	16.7	13.7
OKC1682	5.3	6.7	2.3	15.0	13.0	14.0	12.0	15.7	12.7
CELEBRATION HYBRID (MSB-1017)	5.3	7.0	2.3	16.0	14.0	14.3	12.3	16.3	13.3
FB 1630	5.3	6.0	2.7	14.0	12.0	13.7	11.7	15.0	12.7
OKC1873	5.0	4.7	2.7	15.7	13.7	14.3	12.3	16.3	13.3
MONACO	6.3	6.0	2.7	15.3	13.3	13.7	11.7	15.7	12.7
OKC1666	4.7	7.7	2.7	16.3	14.3	15.0	13.0	17.0	13.7
OKS2015-7	6.3	6.7	2.3	15.7	13.7	14.3	12.3	16.3	13.3
RIVIERA	7.3	6.3	2.7	13.3	11.3	12.3	10.3	14.3	11.0
TIFWAY	6.3	6.0	2.0	17.0	14.3	14.3	12.3	16.3	13.0
OKS2015-1	7.0	6.3	3.0	15.0	13.0	13.7	11.7	15.7	12.7
JSC 2013-7S	6.3	6.3	2.7	14.3	12.3	13.0	11.0	15.0	12.0
OKC1876	4.3	5.0	2.3	15.3	13.3	14.0	12.0	16.0	13.0
JSC 2013-12S	6.0	6.7	2.3	15.7	13.7	14.3	12.3	16.0	13.0
OKC1406	5.0	6.0	2.0	15.3	13.3	14.3	12.3	16.0	13.3
JSC 80V	6.0	3.0	2.7	15.7	14.0	14.0	12.0	16.0	13.0
LSD VALUE	2.9	7.8	1.6	3.9	4.2	3.6	3.6	4.1	3.8
C.V (%)	21.7	32.5	20.3	8.5	10.1	8.0	9.4	7.4	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 21B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2022 DATA

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

NAME	APRIL 1	MAY 1	JUNE 1	JULY 11	AUG 9	AUG 18	AUG 25	SEPT 2	SEPT 8	SEPT 15	OCT 3	OCT 15	NOV 1	MEAN
OKS2015-3	6.0	7.3	7.7	8.0	6.7	5.3	3.3	6.7	6.0	4.7	6.3	7.3	6.3	6.3
JSC 2013-10S	5.7	6.7	7.7	7.7	6.0	6.0	3.3	6.0	5.7	4.3	6.3	8.0	6.7	6.2
SUN QUEEN (PST-R6MM)	6.0	7.3	7.3	6.7	6.3	5.7	3.7	6.0	5.7	4.3	6.3	8.0	6.0	6.1
JSC 2013-5S	6.7	7.3	7.3	7.0	6.0	5.3	3.7	5.7	5.0	3.7	5.7	7.3	6.3	5.9
JSC 2013-8S	6.3	7.3	7.3	7.0	5.3	5.3	4.0	6.0	5.0	4.0	6.0	7.3	6.3	5.9
PST-R6TM	6.0	7.0	7.0	7.0	6.0	5.7	4.0	5.0	5.3	4.3	6.0	7.7	5.7	5.9
COPPERHEAD (DLF-460/3048)	6.3	7.3	6.3	7.3	6.0	6.0	3.3	5.3	4.7	4.0	5.7	7.3	5.7	5.8
MONACO	6.7	7.0	6.7	6.3	6.0	6.0	3.0	5.3	4.7	3.3	5.3	7.0	5.7	5.6
OKS2015-7	6.3	7.7	6.7	6.3	5.3	5.3	4.0	5.3	5.0	4.0	5.3	7.0	4.7	5.6
RIVIERA	6.3	7.0	6.7	7.3	6.0	5.7	2.0	4.3	4.3	3.7	5.7	7.7	6.0	5.6
OKS2015-1	5.7	6.3	7.0	7.0	5.7	5.3	3.3	5.0	4.7	4.0	5.3	7.3	5.3	5.5
JSC 2013-7S	6.0	6.7	6.7	6.3	5.3	5.0	3.3	5.0	4.7	3.3	6.0	6.7	5.7	5.4
JSC 2013-12S	6.0	6.7	6.7	6.0	5.7	4.3	4.0	4.7	5.0	3.3	5.3	6.3	5.3	5.3
LSD VALUE	3.2	1.4	2.8	3.4	3.0	3.2	4.5	3.3	4.3	3.1	2.5	2.0	3.5	2.2
C.V (%)	15.8	8.2	13.4	16.7	16.3	19.2	40.9	21.8	26.3	25.5	14.6	10.5	20.0	12.1

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

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

TABLE 21B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2022 DATA

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

NAME	DIGITAL IMAGING PERCENT GROUND COVER RATINGS											
	APRIL 1	MAY 18	JUNE 8	JULY 17	AUG 9	AUG 16	AUG 23	AUG 30	SEPT 6	SEPT 13	SEPT 27	OCT 12
OKS2015-3	60.7	81.0	96.7	96.7	95.7	80.0	73.7	71.3	71.7	50.0	57.0	86.0
JSC 2013-10S	59.0	80.3	97.0	96.7	96.3	83.3	80.3	74.3	71.3	50.7	57.3	83.0
SUN QUEEN (PST-R6MM)	62.7	82.0	96.7	96.7	97.3	82.7	79.0	74.0	72.3	46.7	53.3	86.7
JSC 2013-5S	68.7	84.3	96.7	96.0	96.0	82.3	77.7	71.3	67.7	41.7	48.0	82.0
JSC 2013-8S	67.7	84.3	96.7	96.3	92.0	80.0	80.0	72.7	68.0	41.0	47.7	82.0
PST-R6TM	66.7	84.3	96.3	97.3	95.0	81.0	75.0	68.0	64.3	44.3	50.7	85.3
COPPERHEAD (DLF-460/3048)	56.0	78.3	92.7	96.0	96.0	83.0	79.3	68.7	61.7	43.3	50.0	85.0
MONACO	61.7	81.3	94.0	96.7	97.0	83.7	72.7	68.7	67.0	39.0	45.7	80.0
OKS2015-7	68.3	84.3	96.3	96.0	94.7	77.0	76.0	70.7	67.7	42.7	49.3	84.3
RIVIERA	62.0	81.7	96.3	97.0	95.3	76.7	69.3	62.3	58.3	38.3	45.0	80.7
OKS2015-1	64.3	82.3	96.3	95.7	95.3	78.3	73.3	67.7	65.3	42.3	49.0	85.0
JSC 2013-7S	63.3	81.3	94.7	95.0	94.0	78.3	71.7	64.7	61.0	35.0	41.7	80.0
JSC 2013-12S	66.3	82.0	94.7	94.3	93.3	76.0	77.0	70.3	66.3	38.3	44.7	78.3
LSD VALUE	32.9	17.4	6.5	4.3	9.6	16.1	25.5	29.5	34.3	44.7	44.9	14.7
C.V (%)	16.2	6.5	2.5	1.6	3.4	6.9	10.9	13.3	16.3	32.1	27.9	6.2

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 21B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2022 DATA

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

NAME	DIGITAL IMAGING COLOR RATINGS												
	APRIL 1	MAY 1	JUNE 1	JULY 1	AUG 9	AUG 16	AUG 23	AUG 30	SEPT 6	SEPT 13	SEPT 27	OCT 12	NOV 1
OKS2015-3	6.0	7.0	7.3	8.0	4.3	4.3	3.7	5.7	4.0	4.0	5.0	4.0	3.7
JSC 2013-10S	5.7	6.7	7.3	7.7	6.7	6.0	7.0	6.0	5.7	5.3	5.0	3.7	3.7
SUN QUEEN (PST-R6MM)	6.0	7.3	7.0	6.7	5.7	5.0	5.0	6.0	4.3	4.7	4.7	4.0	4.0
JSC 2013-5S	6.7	7.0	7.3	7.0	6.3	5.3	5.0	5.3	5.0	4.7	4.7	3.7	3.7
JSC 2013-8S	6.3	7.0	7.7	7.0	6.0	5.7	6.0	6.0	4.7	4.7	4.7	4.0	3.7
PST-R6TM	6.3	6.3	6.7	7.0	6.7	5.7	5.0	5.7	5.0	5.3	4.7	4.0	3.7
COPPERHEAD (DLF-460/3048)	6.3	7.3	7.0	7.3	5.3	5.0	4.7	6.0	4.7	5.3	4.7	3.7	3.7
MONACO	6.7	6.3	6.3	6.3	5.7	5.3	4.7	5.0	3.7	4.0	3.7	3.0	2.7
OKS2015-7	6.3	6.3	6.3	6.3	5.3	4.7	5.3	5.3	4.7	4.7	4.0	3.3	3.3
RIVIERA	6.3	6.3	6.7	7.3	5.3	5.0	5.3	5.3	4.0	4.3	4.0	3.0	2.0
OKS2015-1	5.7	6.0	6.3	7.0	6.0	5.0	5.3	5.7	5.7	4.7	4.0	3.0	3.0
JSC 2013-7S	6.0	6.0	6.0	6.3	5.7	4.7	4.0	5.3	3.3	3.3	4.7	3.7	3.7
JSC 2013-12S	6.0	5.7	5.7	6.0	6.3	5.0	4.7	5.0	4.3	4.7	4.0	3.0	2.7
LSD VALUE	3.2	3.4	2.8	3.4	2.7	2.2	3.0	3.2	2.6	4.1	2.2	2.2	1.4
C.V (%)	15.9	17.3	15.3	16.7	17.9	15.6	24.4	17.8	22.9	29.4	18.0	21.9	20.2

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

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

TABLE 21B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2022 DATA

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

NAME	SURFACE HARDNESS DURING TRAFFIC						VISUAL COVER DURING TRAFFIC					
	AUG 8	AUG 16	AUG 23	AUG 30	SEPT 6	SEPT 13	AUG 9	AUG 16	AUG 23	AUG 30	SEPT 6	SEPT 13
OKS2015-3	67.0	75.3	83.7	93.3	111.0	133.0	95.7	80.0	73.7	71.3	71.7	50.0
JSC 2013-10S	57.7	65.0	73.3	83.0	99.7	120.3	96.3	83.3	80.3	74.3	71.3	50.7
SUN QUEEN (PST-R6MM)	69.0	77.7	86.0	96.3	115.0	138.3	97.3	82.7	79.0	74.0	72.3	46.7
JSC 2013-5S	62.7	70.7	78.0	86.0	99.3	113.3	96.0	82.3	77.7	71.3	67.7	41.7
JSC 2013-8S	65.3	73.7	81.3	90.0	105.0	122.0	92.0	80.0	80.0	72.7	68.0	41.0
PST-R6TM	63.0	72.0	79.7	89.0	105.7	126.0	95.0	81.0	75.0	68.0	64.3	44.3
DLF-460/3048	72.7	80.3	88.0	96.3	111.0	127.7	96.0	83.0	79.3	68.7	61.7	43.3
MONACO	67.7	77.0	86.0	97.3	117.3	144.3	97.0	83.7	72.7	68.7	67.0	39.0
OKS2015-7	69.7	76.7	84.3	91.7	104.7	117.7	94.7	77.0	76.0	70.7	67.7	42.7
RIVIERA	76.0	83.7	92.3	102.0	119.3	141.7	95.3	76.7	69.3	62.3	58.3	38.3
OKS2015-1	62.3	70.3	78.0	87.0	102.0	120.0	95.3	78.3	73.3	67.7	65.3	42.3
JSC 2013-7S	62.7	71.7	81.0	92.7	113.7	142.7	94.0	78.3	71.7	64.7	61.0	35.0
JSC 2013-12S	63.0	70.0	77.3	84.3	96.7	108.3	93.3	76.0	77.0	70.3	66.3	38.3
LSD VALUE	39.2	33.9	32.0	26.1	24.9	47.5	9.6	16.1	25.5	29.5	34.3	44.7
C.V (%)	18.9	15.0	13.1	10.6	9.6	14.5	3.4	6.9	10.9	13.3	16.3	32.1

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 21B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2022 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	SOIL MOISTURE DURING TRAFFIC					
				AUGUST 8	AUGUST 16	AUGUST 23	AUGUST 30	SEPTEMBER 6	SEPTEMBER 13
OKS2015-3	8.0	5.7	3.0	14.7	12.7	14.3	12.3	15.7	13.0
JSC 2013-10S	7.7	6.0	2.3	15.7	13.7	14.3	12.3	16.3	13.3
SUN QUEEN (PST-R6MM)	6.7	6.3	2.3	13.7	11.3	12.7	10.7	14.7	11.7
JSC 2013-5S	7.0	7.0	2.7	16.0	13.7	14.3	12.3	16.3	13.3
JSC 2013-8S	7.0	6.7	2.0	15.0	13.0	13.7	11.7	15.7	12.3
PST-R6TM	7.0	6.3	2.7	14.7	12.3	14.0	12.0	15.7	12.7
COPPERHEAD (DLF-460/3048)	7.3	5.7	2.3	14.0	12.0	13.3	11.3	15.0	12.0
MONACO	6.3	6.0	2.7	15.3	13.3	13.7	11.7	15.7	12.7
OKS2015-7	6.3	6.7	2.3	15.7	13.7	14.3	12.3	16.3	13.3
RIVIERA	7.3	6.3	2.7	13.3	11.3	12.3	10.3	14.3	11.0
OKS2015-1	7.0	6.3	3.0	15.0	13.0	13.7	11.7	15.7	12.7
JSC 2013-7S	6.3	6.3	2.7	14.3	12.3	13.0	11.0	15.0	12.0
JSC 2013-12S	6.0	6.7	2.3	15.7	13.7	14.3	12.3	16.0	13.0
LSD VALUE	3.4	3.5	1.4	2.9	3.3	2.9	2.9	3.1	3.0
C.V (%)	16.7	17.1	19.8	8.0	10.1	8.2	9.6	7.3	9.2

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

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

TABLE 21C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2022 DATA

NAME	TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/													MEAN
	APRIL 1	MAY 1	JUNE 1	JULY 11	AUG 9	AUG 18	AUG 25	SEPT 2	SEPT 8	SEPT 15	OCT 3	OCT 15	NOV 1	
FB 1628	7.0	7.7	7.3	6.0	6.3	5.7	5.0	6.0	5.3	5.3	7.0	7.7	8.3	6.5
TIFTUF	5.7	6.7	6.7	6.0	6.7	6.0	5.3	6.0	5.7	5.3	7.0	8.0	8.0	6.4
FB 1903	7.0	7.0	7.3	6.3	6.0	6.0	4.7	5.3	5.0	5.7	6.7	7.7	6.7	6.3
MSB-1026	6.7	7.0	7.3	6.3	6.0	6.0	5.0	6.3	5.7	6.3	6.3	7.0	6.3	6.3
MSB-1042	6.7	7.7	7.0	5.7	6.3	5.3	5.7	5.0	5.0	5.3	6.3	7.0	6.7	6.1
MSB-1050	5.7	5.7	5.3	4.3	6.7	5.7	5.3	5.7	5.3	6.0	7.3	8.0	7.7	6.1
ASTRO	7.0	7.0	6.3	5.0	6.3	5.0	4.7	5.0	5.0	5.0	7.0	6.7	8.3	6.0
JSC 77V	6.0	7.0	6.0	6.3	6.7	5.7	4.7	5.7	5.0	6.0	6.3	6.7	6.0	6.0
TAHOMA 31	7.3	7.7	7.7	4.7	6.3	5.3	5.0	6.0	5.0	4.3	6.0	7.0	6.0	6.0
FB 1902	4.3	7.3	7.0	6.7	6.7	5.7	5.0	5.3	4.0	5.0	6.7	7.0	6.7	5.9
LATITUDE 36	7.0	6.7	6.0	4.3	7.0	5.3	5.0	5.3	5.0	5.0	6.3	7.0	7.0	5.9
MSB-1075	4.7	6.7	6.0	4.7	6.3	4.7	4.7	6.0	4.7	5.0	6.7	7.7	8.7	5.9
MSB-1048	7.0	6.7	6.3	5.3	6.3	5.3	5.0	5.0	4.3	4.0	6.0	7.0	7.0	5.8
OKC1682	6.7	7.3	6.3	5.3	5.7	5.3	4.0	4.7	4.0	4.7	7.0	7.3	7.7	5.8
CELEBRATION HYBRID (MSB-1017)	7.0	6.7	6.3	5.3	5.7	5.3	5.3	5.0	4.0	4.3	6.0	6.3	7.0	5.7
FB 1630	5.0	5.0	6.0	5.3	6.3	6.0	5.7	5.3	5.0	4.7	6.3	7.0	6.7	5.7
OKC1873	4.3	7.0	7.0	5.0	5.7	5.0	4.7	5.0	4.3	3.7	6.7	7.7	7.7	5.7
OKC1666	6.7	6.7	6.0	4.7	5.7	4.7	4.7	5.0	4.0	5.0	6.3	7.0	7.0	5.6
TIFWAY	5.0	6.0	6.3	6.3	6.0	6.0	5.7	5.0	4.3	4.0	5.3	6.0	6.3	5.6
OKC1876	5.7	6.3	6.0	4.3	5.7	5.3	4.7	5.3	3.7	4.0	5.7	6.0	7.0	5.4
OKC1406	5.3	6.7	5.0	5.0	4.7	4.7	4.0	5.0	4.0	3.3	5.7	7.0	7.3	5.2
JSC 80V	3.3	6.3	5.0	6.0	5.0	4.0	3.3	4.3	3.3	3.7	5.0	6.0	6.3	4.7
LSD VALUE	3.3	2.7	3.4	3.9	3.4	3.4	4.8	3.2	3.6	3.6	2.4	3.7	2.3	2.1
C.V (%)	24.5	14.6	18.8	23.8	17.2	19.0	26.9	18.2	25.3	26.8	14.0	16.1	14.1	11.9

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

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

TABLE 21C.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2022 DATA

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

NAME	DIGITAL IMAGING PERCENT GROUND COVER RATINGS								SEPT 6	SEPT 13	SEPT 27	OCT 12
	APRIL 1	MAY 18	JUNE 8	JULY 17	AUG 9	AUG 16	AUG 23	AUG 30				
FB 1628	75.7	75.3	97.0	85.3	88.7	86.7	62.7	59.7	64.3	58.3	71.7	78.7
TIFTUF	48.7	61.7	92.3	84.7	94.3	89.7	69.0	63.0	64.7	64.3	74.3	81.3
FB 1903	64.3	70.7	97.3	86.3	81.0	83.7	53.3	49.3	52.3	49.0	67.3	74.3
MSB-1026	65.3	70.0	97.3	84.3	90.3	87.3	70.7	68.7	74.7	70.3	79.3	86.3
MSB-1042	74.3	78.0	96.3	90.3	96.0	93.3	81.3	68.0	62.3	62.3	73.3	80.3
MSB-1050	54.7	55.0	90.0	65.3	90.3	78.0	70.0	64.3	66.7	61.7	72.0	79.0
ASTRO	74.0	75.0	91.7	85.7	92.7	89.0	72.7	64.3	64.0	63.0	64.3	71.3
JSC 77V	53.3	64.0	96.0	84.0	96.7	90.3	73.7	68.3	71.3	70.3	77.0	84.0
TAHOMA 31	72.3	70.0	97.7	77.3	93.3	85.3	66.3	61.0	63.3	51.3	65.7	72.7
FB 1902	42.0	60.3	97.0	88.3	92.0	90.0	72.7	57.7	50.7	53.3	68.0	75.0
LATITUDE 36	77.3	70.0	92.0	72.3	92.7	82.3	69.0	59.7	57.7	54.7	70.0	77.0
MSB-1075	51.3	60.3	92.7	79.0	90.3	85.0	65.7	61.0	63.3	60.3	72.0	79.0
MSB-1048	77.0	69.7	90.7	71.7	90.7	81.0	61.0	53.0	52.3	45.3	64.7	71.7
OKC1682	66.3	69.0	94.7	81.0	84.0	82.7	50.3	49.0	55.3	58.7	72.3	79.3
CELEBRATION HYBRID (MSB-1017)	72.7	75.3	97.3	87.3	94.3	91.0	75.3	63.0	58.7	52.3	68.7	75.7
FB 1630	59.7	69.0	93.0	88.7	95.7	92.3	81.7	67.7	61.3	50.3	69.3	76.3
OKC1873	44.3	59.0	98.0	83.3	95.3	89.3	73.0	64.0	63.0	53.7	68.7	75.7
OKC1666	79.7	74.7	94.3	78.7	91.3	85.0	63.7	53.7	52.0	50.7	67.7	74.7
TIFWAY	60.0	72.0	93.3	93.7	95.7	95.0	78.7	65.0	59.3	50.0	67.7	74.7
OKC1876	52.0	62.0	95.3	81.3	95.3	88.0	74.0	59.0	52.7	45.7	64.3	71.3
OKC1406	60.7	67.0	95.3	83.0	87.7	85.3	63.7	55.3	54.3	45.0	66.0	73.0
JSC 80V	27.7	49.3	85.7	80.7	77.3	78.7	60.7	46.0	39.3	37.3	58.7	65.7
LSD VALUE	72.0	41.0	20.3	53.0	36.1	43.3	59.4	51.1	45.4	51.6	30.6	30.6
C.V (%)	38.5	19.6	6.5	17.8	11.4	13.1	24.8	23.9	24.1	28.9	13.2	12.0

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

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

TABLE 21C.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2022 DATA

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

NAME	DIGITAL IMAGING COLOR RATINGS												
	APRIL 1	MAY 1	JUNE 1	JULY 1	AUG 9	AUG 16	AUG 23	AUG 30	SEPT 6	SEPT 13	SEPT 27	OCT 12	NOV 1
FB 1628	7.0	6.3	6.7	6.0	6.0	5.0	3.3	4.7	3.7	3.0	7.0	6.3	6.0
TIFTUF	5.7	5.3	6.0	6.0	7.7	6.7	6.0	5.7	6.3	6.3	7.0	7.0	6.7
FB 1903	7.0	6.0	6.0	6.3	6.7	5.7	3.7	4.3	6.0	5.0	6.7	6.3	6.3
MSB-1026	6.7	6.3	6.3	6.3	6.0	5.7	4.0	5.3	4.7	5.0	7.3	7.0	7.0
MSB-1042	6.7	6.0	5.7	5.7	5.7	5.0	3.3	4.0	4.3	3.7	7.0	7.0	6.7
MSB-1050	5.7	5.0	5.0	4.3	6.3	5.3	4.0	4.7	4.7	4.0	6.7	6.3	6.3
ASTRO	7.0	5.0	4.0	5.0	6.3	5.3	4.0	4.3	4.7	4.3	6.3	6.0	6.0
JSC 77V	6.0	6.3	5.7	6.3	5.7	5.0	3.7	4.7	4.0	4.0	7.0	7.0	6.3
TAHOMA 31	7.3	5.7	5.0	4.7	6.3	5.3	3.7	5.0	4.7	4.3	6.3	6.0	6.0
FB 1902	4.3	6.0	6.3	6.7	6.3	5.7	3.7	4.7	4.7	4.3	7.0	7.0	6.7
LATITUDE 36	7.0	5.0	5.0	4.3	6.3	5.7	4.0	4.3	5.0	4.3	6.0	5.3	5.0
MSB-1075	4.7	5.7	5.0	4.7	5.7	5.0	4.0	5.0	4.7	4.0	7.0	6.7	6.0
MSB-1048	7.0	5.3	5.7	5.3	6.3	5.0	4.3	5.0	5.0	4.7	6.7	6.3	6.0
OKC1682	6.7	6.0	6.0	5.3	6.0	5.3	3.3	4.3	5.0	4.7	7.0	7.0	6.3
CELEBRATION HYBRID (MSB-1017)	7.0	5.7	5.7	5.3	5.7	4.7	3.0	4.7	5.0	4.3	7.0	6.7	6.7
FB 1630	5.0	5.0	6.0	5.3	6.7	5.7	5.0	4.7	5.7	3.7	5.7	5.3	5.3
OKC1873	4.3	5.3	5.7	5.0	5.7	4.7	3.3	4.3	4.7	4.0	7.0	6.7	6.7
OKC1666	6.7	5.0	5.0	4.7	6.0	5.0	5.0	4.7	5.7	5.0	6.3	6.0	6.0
TIFWAY	5.0	5.0	5.7	6.3	6.7	5.3	4.3	4.3	5.3	5.0	6.3	6.3	6.3
OKC1876	5.7	4.7	4.0	4.3	5.0	5.0	3.7	5.0	4.7	4.3	5.3	5.0	5.0
OKC1406	5.3	6.0	5.3	5.0	6.3	5.0	3.3	4.0	5.7	4.7	6.7	6.3	6.0
JSC 80V	3.3	5.7	5.7	6.0	6.3	5.0	3.7	4.3	4.3	4.3	6.3	6.3	6.0
LSD VALUE	3.3	3.3	2.6	3.9	3.1	2.3	3.5	2.9	3.6	3.3	3.3	3.6	3.9
C.V (%)	24.5	17.8	18.0	23.8	15.8	14.3	30.0	18.2	23.5	25.0	14.8	17.2	18.0

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 21C.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2022 DATA

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

NAME	SURFACE HARDNESS DURING TRAFFIC						VISUAL COVER DURING TRAFFIC					
	AUG 8	AUG 16	AUG 23	AUG 30	SEPT 6	SEPT 13	AUG 9	AUG 16	AUG 23	AUG 30	SEPT 6	SEPT 13
FB 1628	65.7	73.7	83.3	95.0	116.3	145.7	88.7	86.7	62.7	59.7	64.3	58.3
TIFTUF	59.3	67.3	75.0	83.0	97.0	112.3	94.3	89.7	69.0	63.0	64.7	64.3
FB 1903	64.0	72.0	79.3	88.0	102.3	118.0	81.0	83.7	53.3	49.3	52.3	49.0
MSB-1026	62.7	73.7	80.3	90.7	107.0	127.0	90.3	87.3	70.7	68.7	74.7	70.3
MSB-1042	57.7	66.7	75.3	85.7	104.0	128.3	96.0	93.3	81.3	68.0	62.3	62.3
MSB-1050	56.0	65.3	74.0	85.7	105.7	133.0	90.0	78.0	70.0	64.3	66.7	61.7
ASTRO	55.0	63.3	72.0	83.0	102.7	128.7	92.7	89.0	72.7	64.3	64.0	63.0
JSC 77V	55.3	65.3	73.7	86.0	107.0	136.3	96.7	90.3	73.7	68.3	71.3	70.3
TAHOMA 31	65.0	74.0	82.7	94.3	115.0	142.3	93.3	85.3	66.3	61.0	63.3	51.3
FB 1902	66.0	74.3	83.0	93.3	112.3	137.0	92.0	90.0	72.7	57.7	50.7	53.3
LATITUDE 36	54.0	62.7	71.7	82.7	102.3	129.0	92.7	82.3	69.0	59.7	57.7	54.7
MSB-1075	64.3	72.0	79.3	87.0	99.7	112.3	90.0	85.0	65.7	61.0	63.3	60.3
MSB-1048	59.3	67.3	75.3	85.0	101.7	121.7	90.7	81.0	61.0	53.0	52.3	45.3
OKC1682	65.3	73.3	81.3	90.3	106.0	124.7	84.0	82.7	50.3	49.0	55.3	58.7
CELEBRATION HYBRID (MSB-1017)	48.7	58.0	66.7	78.3	99.3	127.7	94.3	91.0	75.3	63.0	58.7	52.3
FB 1630	59.0	67.3	76.3	87.3	107.3	134.0	95.7	92.3	81.7	67.7	61.3	50.3
OKC1873	55.3	64.3	71.7	81.0	96.7	115.7	95.3	89.3	73.0	64.0	63.0	53.7
OKC1666	62.7	70.7	78.3	86.7	100.3	115.3	91.3	85.0	63.7	53.7	52.0	50.7
TIFWAY	54.0	63.7	71.0	80.7	96.7	116.0	95.7	95.0	78.7	65.0	59.3	50.0
OKC1876	66.0	75.0	82.0	91.3	106.0	122.7	95.3	88.0	74.0	59.0	52.7	45.7
OKC1406	50.3	59.3	67.0	77.0	94.0	114.3	87.7	85.3	63.7	55.3	54.3	45.0
JSC 80V	59.3	70.7	76.7	86.3	101.3	118.0	77.3	78.7	60.7	46.0	39.3	37.3
LSD VALUE	35.5	30.9	28.4	23.2	25.3	56.2	35.8	43.3	59.4	51.1	45.4	51.6
C.V (%)	17.7	14.0	11.8	9.3	8.8	14.2	11.4	13.1	24.8	23.9	24.1	28.9

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 21C.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2022 DATA

NAME	TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/								
	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	AUGUST 8	AUGUST 16	SOIL MOISTURE DURING TRAFFIC			
						AUGUST 23	AUGUST 30	SEPTEMBER 6	SEPTEMBER 13
FB 1628	6.0	7.3	2.0	14.3	12.3	12.7	10.7	14.7	11.7
TIFTUF	6.0	5.0	2.7	16.0	14.0	15.3	13.3	17.0	14.0
FB 1903	6.3	6.7	2.0	16.0	14.0	14.3	12.3	16.3	13.3
MSB-1026	6.3	6.7	2.3	15.7	13.7	14.3	12.3	16.3	13.3
MSB-1042	5.7	7.3	2.3	15.3	13.3	14.0	12.0	15.7	12.7
MSB-1050	4.3	5.7	2.7	16.3	14.3	14.7	12.7	16.7	13.7
ASTRO	5.0	7.3	2.7	15.3	13.3	14.0	12.0	16.0	13.0
JSC 77V	6.3	5.7	2.7	16.3	14.3	13.7	11.7	16.3	12.7
TAHOMA 31	4.7	7.3	2.0	15.3	13.3	13.0	11.0	15.0	11.7
FB 1902	6.7	4.7	2.7	15.7	13.7	15.0	13.0	16.7	13.7
LATITUDE 36	4.3	8.0	2.3	15.0	13.3	14.0	12.0	16.0	13.0
MSB-1075	4.7	5.0	2.3	15.0	13.0	13.7	11.7	15.7	12.7
MSB-1048	5.3	7.7	3.0	16.0	14.0	14.7	12.7	16.7	13.7
OKC1682	5.3	6.7	2.3	15.0	13.0	14.0	12.0	15.7	12.7
CELEBRATION HYBRID (MSB-1017)	5.3	7.0	2.3	16.0	14.0	14.3	12.3	16.3	13.3
FB 1630	5.3	6.0	2.7	14.0	12.0	13.7	11.7	15.0	12.7
OKC1873	5.0	4.7	2.7	15.7	13.7	14.3	12.3	16.3	13.3
OKC1666	4.7	7.7	2.7	16.3	14.3	15.0	13.0	17.0	13.7
TIFWAY	6.3	6.0	2.0	17.0	14.3	14.3	12.3	16.3	13.0
OKC1876	4.3	5.0	2.3	15.3	13.3	14.0	12.0	16.0	13.0
OKC1406	5.0	6.0	2.0	15.3	13.3	14.3	12.3	16.0	13.3
JSC 80V	6.0	3.0	2.7	15.7	14.0	14.0	12.0	16.0	13.0
LSD VALUE	3.9	7.4	1.5	4.6	5.0	3.6	3.6	4.1	3.9
C.V (%)	23.8	37.7	20.8	8.8	10.2	8.0	9.4	7.6	8.9

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

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

TABLE 22A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMU DAGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2023 DATA

NAME	TURFGRASS QUALITY 1-9; 9=BEST 2/														MEAN
	4/3	5/1	6/2	7/3	GAME 0 8/07	GAME 5 8/14	GAME 10 8/21	GAME 15 8/28	GAME 20 9/5	GAME 25 9/11	WEEKS 9/25	2 AFTER 10/9	4 LAST 11/6	GAME	
MSB-1042	5.3	6.7	7.0	7.0	7.0	7.0	7.0	6.0	5.0	6.7	8.7	8.0	5.7	6.7	
FB 1630	6.7	7.3	7.0	7.3	6.7	7.0	7.0	6.0	5.3	4.7	7.0	7.0	4.7	6.4	
FB 1628	5.3	6.7	7.0	7.0	6.7	7.0	7.0	6.0	5.3	4.7	6.7	7.7	4.3	6.3	
FB 1902	4.3	5.7	6.3	6.3	6.3	6.7	6.3	6.0	6.3	6.0	7.7	7.7	5.7	6.3	
FB 1903	4.7	6.0	6.3	6.7	6.7	7.0	6.3	5.7	5.7	6.0	8.0	8.0	4.3	6.3	
CELEBRATION HYBRID (MSB-1017)	4.3	6.0	7.3	6.3	6.3	6.7	6.7	5.7	5.3	5.7	7.3	6.7	4.7	6.1	
MSB-1026	4.3	5.7	6.3	6.7	6.7	7.0	6.3	6.3	6.0	5.7	7.7	7.3	3.7	6.1	
TIFTUF	4.3	5.7	5.3	6.0	6.3	7.0	5.7	6.0	5.7	5.7	8.0	8.0	5.0	6.1	
SUN QUEEN (PST-R6MM)	6.3	6.0	5.7	6.3	7.7	7.7	3.7	5.0	5.7	4.3	7.0	7.7	3.7	5.9	
TIFWAY	4.7	6.0	6.0	7.7	6.3	7.3	6.0	5.3	6.0	4.7	6.3	6.0	4.0	5.9	
MSB-1050	4.0	5.3	6.0	5.3	5.7	6.3	6.0	5.7	5.0	5.0	8.0	8.0	5.7	5.8	
MSB-1075	5.3	6.3	6.0	6.0	5.7	6.0	6.0	6.0	5.7	4.0	6.7	7.0	4.3	5.8	
OKC1682	5.7	6.0	5.3	6.3	5.7	6.3	5.7	5.3	5.7	4.7	7.3	7.7	4.3	5.8	
OKS2015-1	6.3	6.7	7.0	7.3	8.0	7.7	3.3	4.3	4.7	4.0	6.0	7.0	3.7	5.8	
OKS2015-3	5.0	6.0	6.0	6.3	8.0	7.7	3.3	5.3	6.0	4.7	6.3	7.0	4.0	5.8	
PST-R6TM	5.0	5.7	5.7	7.3	7.0	7.3	4.0	4.7	5.3	4.3	6.3	7.0	6.3	5.8	
ASTRO	5.0	5.7	5.3	5.7	6.0	6.3	5.3	5.3	5.7	5.0	7.7	7.3	4.3	5.7	
COPPERHEAD (DLF-460/3048)	5.3	6.7	6.0	6.3	7.7	7.7	3.3	4.3	4.7	4.0	6.0	6.7	5.7	5.7	
JSC 2013-10S	5.3	5.7	6.0	7.0	7.3	7.3	3.3	4.3	5.7	4.3	6.7	7.7	3.7	5.7	
JSC 2013-8S	5.0	6.0	6.0	7.3	8.0	7.3	4.0	5.0	5.0	4.0	5.7	6.7	4.0	5.7	
JSC 77V	4.7	5.7	5.7	5.7	6.7	7.0	5.7	5.3	5.0	5.0	7.0	7.3	4.0	5.7	
TAHOMA 31	3.7	5.3	6.3	6.3	5.7	6.3	6.3	6.0	5.0	5.0	7.0	7.0	4.3	5.7	
LATITUDE 36	4.7	5.7	5.7	6.0	6.0	6.3	5.7	5.3	5.0	4.7	6.7	7.0	4.7	5.6	
OKC1666	4.7	5.3	5.3	5.7	5.7	6.0	5.3	5.0	5.7	4.7	6.7	7.0	5.3	5.6	
OKS2015-7	5.0	5.7	5.7	7.0	7.7	7.3	4.0	4.3	5.0	4.0	6.0	6.3	5.0	5.6	
JSC 2013-5S	4.3	5.7	6.3	7.0	7.7	7.7	3.7	4.3	5.0	3.7	5.7	6.7	4.0	5.5	
JSC 2013-12S	5.0	5.7	5.7	7.3	7.7	7.0	4.0	4.3	5.0	3.3	5.3	5.7	3.7	5.4	
JSC 2013-7S	5.7	6.7	6.0	6.7	7.3	7.3	3.3	4.0	4.7	3.3	5.7	6.0	3.0	5.4	
MONACO	5.3	6.3	6.3	6.3	7.7	8.0	3.0	4.0	4.7	3.3	5.3	6.0	3.3	5.4	
MSB-1048	4.0	5.0	5.3	5.3	6.0	6.3	5.3	5.0	4.3	4.3	6.3	6.3	5.0	5.3	
OKC1876	6.0	6.0	5.0	5.3	5.3	6.3	5.0	5.3	4.3	3.7	5.7	6.0	4.7	5.3	
RIVIERA	4.7	6.0	6.3	6.7	8.0	7.7	2.0	3.7	4.3	3.7	5.3	6.7	4.3	5.3	
OKC1873	4.3	5.3	5.0	5.3	4.3	6.0	5.0	5.3	5.0	4.3	6.3	7.0	4.7	5.2	
JSC 80V	3.3	5.0	5.7	5.3	5.3	5.7	5.7	5.0	4.3	3.7	5.3	5.7	4.3	4.9	
OKC1406	5.3	5.0	4.0	5.0	4.7	5.7	3.7	4.3	5.0	3.7	5.3	6.3	4.7	4.8	
LSD VALUE	3.7	1.8	2.9	4.1	2.3	2.1	2.1	2.1	6.4	2.7	3.7	2.9	2.4	1.9	
C.V. (%)	24.1	12.6	17.2	19.5	17.5	12.7	24.4	18.2	26.6	24.7	20.4	14.9	22.6	11.2	

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

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

TABLE 22A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2023 DATA

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

NAME	4/3	5/1	6/2	7/3	GAME 0 8/07	GAME 5 8/14	GAME 10 8/21	GAME 15 8/28	GAME 20 9/5	GAME 25 9/11	2		11/6
											WEEKS AFTER 9/25	LAST GAME 10/9	
MSB-1042	26.3	56.7	91.3	88.7	80.7	80.3	90.3	50.7	47.3	48.7	43.3	51.0	5.7
FB 1630	33.0	61.3	94.3	92.0	89.7	87.0	93.7	49.0	37.0	29.7	32.7	36.3	7.0
FB 1628	33.3	60.3	92.0	92.0	84.7	83.0	91.0	57.7	46.0	39.3	42.0	45.3	5.7
FB 1902	17.7	51.7	90.0	88.7	82.3	80.7	88.7	50.3	39.0	32.3	35.0	38.3	3.7
FB 1903	15.7	50.7	90.3	90.7	85.0	82.3	89.7	46.0	37.7	33.3	33.3	38.0	3.7
CELEBRATION HYBRID (MSB-1017)	9.0	49.3	94.0	91.3	86.7	85.3	93.3	53.7	46.0	43.0	42.0	47.3	12.0
MSB-1026	16.7	52.0	92.7	90.3	84.7	83.0	91.3	57.0	48.7	45.0	44.7	49.3	1.7
TIFTUF	12.3	47.0	87.0	84.7	91.3	83.7	85.7	54.3	46.7	43.7	42.7	48.0	7.0
SUN QUEEN (PST-R6MM)	10.7	51.0	87.7	92.3	49.0	84.7	85.0	70.0	62.3	29.7	23.7	27.7	0.0
TIFWAY	25.0	54.7	88.7	94.7	85.3	81.7	87.7	63.0	52.7	47.7	48.7	52.7	5.0
MSB-1050	7.3	46.0	89.3	85.7	84.3	81.7	88.3	47.0	41.0	39.3	36.7	43.0	8.7
MSB-1075	22.7	53.7	89.3	84.0	88.3	83.3	88.0	58.7	45.7	37.0	41.7	44.0	8.0
OKC1682	36.7	58.7	85.0	81.3	90.7	82.3	83.3	51.7	44.3	41.3	39.7	45.3	8.3
OKS2015-1	19.7	54.3	88.3	92.3	56.7	83.3	86.3	71.3	53.3	26.3	26.0	30.0	0.0
OKS2015-3	8.0	53.3	90.0	95.0	49.3	86.3	88.3	69.0	58.3	28.7	24.0	27.7	0.0
PST-R6TM	11.3	53.7	84.0	91.7	44.3	84.0	81.7	70.7	61.0	32.3	27.3	31.3	0.0
ASTRO	22.0	53.3	88.7	85.0	86.3	82.3	87.3	51.3	45.7	44.0	41.3	47.3	11.3
COPPERHEAD (DLF-460/3048)	16.7	71.7	87.3	93.0	56.0	81.7	84.7	68.3	54.0	22.7	25.7	29.3	0.0
JSC 2013-10S	14.0	62.7	89.7	90.7	62.0	87.3	88.0	66.3	59.0	29.7	25.0	28.7	0.0
JSC 2013-8S	15.0	50.3	88.7	92.7	62.0	86.7	86.3	67.7	59.3	25.3	23.7	27.3	0.0
JSC 77V	16.3	48.0	84.3	83.0	84.7	78.7	83.0	59.3	47.7	40.7	43.7	46.7	3.0
TAHOMA 31	13.3	49.7	90.7	87.0	86.3	82.7	89.7	53.7	44.3	40.0	40.0	44.7	8.0
LATITUDE 36	21.0	52.0	88.3	84.3	90.3	83.7	86.7	48.7	41.0	37.7	36.7	42.0	1.7
OKC1666	20.7	53.3	91.0	87.3	92.3	86.0	89.3	53.7	42.3	36.0	38.3	42.3	4.3
OKS2015-7	25.0	57.0	88.7	92.7	56.3	84.3	86.3	67.3	60.7	29.7	24.7	28.3	0.0
JSC 2013-5S	25.0	49.7	90.3	94.0	52.0	83.0	88.0	64.7	53.0	25.3	25.3	28.7	0.0
JSC 2013-12S	5.0	52.3	86.7	91.7	52.0	84.0	84.7	60.0	49.7	26.0	28.3	32.0	0.0
JSC 2013-7S	5.7	44.0	86.3	90.7	44.0	83.0	84.0	70.3	53.0	26.3	26.0	29.7	0.0
MONACO	24.7	58.3	83.3	90.0	31.0	80.3	81.0	67.0	57.0	26.3	27.7	31.7	0.0
MSB-1048	3.0	41.7	85.7	80.0	82.0	78.3	84.0	40.3	33.7	32.0	29.7	35.7	2.7
OKC1876	33.3	59.3	89.7	84.7	86.0	82.3	88.7	46.0	35.0	28.7	31.0	34.7	6.0
RIVIERA	15.7	63.0	86.7	91.3	37.7	84.3	84.0	63.0	51.0	25.7	25.7	29.0	0.0
OKC1873	10.3	48.0	90.0	86.3	84.0	81.3	88.0	49.3	37.3	29.7	32.7	35.7	5.0
JSC 80V	9.3	46.3	88.0	89.3	87.0	82.3	87.0	49.0	36.7	28.0	32.3	35.0	6.3
OKC1406	24.7	53.0	86.3	86.3	85.3	80.3	84.7	48.7	37.7	31.3	33.7	37.7	6.3
LSD VALUE	53.9	18.7	17.7	13.0	13.2	11.6	18.5	23.1	31.1	32.6	22.0	21.6	5.3
C.V. (%)	86.5	15.0	5.5	6.0	12.1	4.4	6.1	18.9	25.0	33.3	28.8	26.3	84.4

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

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

TABLE 22A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2023 DATA

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

NAME	4/3	5/1	6/2	7/3	GAME 0 8/07	GAME 5 8/14	GAME 10 8/21	GAME 15 8/28	GAME 20 9/5	GAME 25 9/11	2 WEEKS 9/25	2 AFTER LAST 10/9	GAME 11/6
MSB-1042	6.7	6.0	6.3	7.3	6.7	2.3	3.0	4.0	3.7	4.0	7.0	6.3	5.3
FB 1630	5.7	5.7	6.0	6.7	7.0	3.3	3.3	4.7	4.0	4.3	5.3	5.3	5.0
FB 1628	6.7	6.3	6.7	7.0	6.3	4.7	4.0	3.3	3.7	3.7	6.3	6.3	5.0
FB 1902	5.3	6.3	6.7	7.0	7.0	5.0	4.3	4.7	4.7	4.7	7.0	6.3	5.3
FB 1903	6.7	6.0	6.3	6.7	6.7	3.7	3.7	5.7	4.7	4.7	6.7	6.3	5.0
CELEBRATION HYBRID (MSB-1017)	6.7	5.7	5.7	5.7	6.0	3.7	3.3	5.0	4.3	3.7	6.7	6.0	4.3
MSB-1026	6.7	6.7	7.0	7.3	7.3	3.7	4.0	4.7	4.3	4.3	7.0	6.7	5.3
TIFTUF	5.7	5.7	5.7	5.0	7.0	5.3	5.0	6.7	6.0	4.7	7.0	6.3	4.7
SUN QUEEN (PST-R6MM)	6.7	7.0	6.7	6.7	6.3	7.0	6.0	4.3	5.3	4.0	4.3	5.3	6.3
TIFWAY	5.7	5.7	6.3	6.3	7.0	4.7	4.0	5.3	4.3	5.0	6.3	6.3	4.3
MSB-1050	5.3	5.3	5.7	5.7	6.3	5.0	4.7	4.3	4.3	5.0	6.3	6.0	5.0
MSB-1075	5.0	6.0	5.7	6.3	6.3	3.7	4.0	4.3	4.0	4.7	7.0	5.7	5.0
OKC1682	6.3	6.3	6.7	7.3	7.0	3.7	3.3	4.7	4.0	4.7	7.0	6.3	5.7
OKS2015-1	6.3	6.7	7.0	7.0	7.0	5.7	5.3	5.3	5.0	3.7	3.7	4.7	5.3
OKS2015-3	7.0	7.7	7.7	8.0	6.3	5.0	4.3	4.0	4.3	2.7	4.3	5.7	5.7
PST-R6TM	6.3	7.0	7.0	7.0	7.3	4.0	4.3	5.3	4.7	3.0	4.3	5.3	6.3
ASTRO	6.3	5.0	5.3	6.3	6.3	4.3	3.7	4.3	4.0	4.3	6.3	5.3	4.0
COPPERHEAD (DLF-460/3048)	6.7	7.3	7.0	7.3	6.3	5.3	5.0	5.0	5.0	3.3	4.3	5.3	6.0
JSC 2013-10S	6.7	7.3	7.7	7.7	7.3	6.0	5.7	5.7	5.7	2.7	4.3	5.7	6.0
JSC 2013-8S	6.7	7.3	7.3	7.0	6.7	6.3	6.0	4.7	5.0	3.0	4.7	6.0	5.7
JSC 77V	6.0	6.0	5.7	5.7	5.7	4.0	4.0	4.0	3.7	3.7	7.0	6.0	4.7
TAHOMA 31	6.7	6.0	6.0	6.7	6.7	4.0	3.7	4.7	4.0	4.3	6.0	5.3	4.3
LATITUDE 36	6.3	5.3	6.0	7.0	7.0	4.7	4.0	4.7	4.3	4.3	6.0	5.0	4.7
OKC1666	5.7	5.3	5.3	5.7	6.0	4.3	4.3	5.3	4.7	5.0	6.0	5.7	5.0
OKS2015-7	6.3	6.7	6.3	6.3	6.3	5.0	4.7	4.7	4.7	3.3	4.0	5.0	4.7
JSC 2013-5S	7.0	7.0	7.3	7.0	7.3	4.7	4.7	5.0	4.7	2.3	4.0	5.7	6.0
JSC 2013-12S	6.0	5.7	6.0	6.0	6.7	4.7	4.3	4.3	4.7	2.3	3.3	4.3	5.7
JSC 2013-7S	6.0	6.3	6.3	6.3	6.0	5.7	5.0	3.0	4.0	3.3	4.0	5.0	5.7
MONACO	6.7	6.3	6.3	6.3	6.3	5.3	4.7	4.0	4.0	2.7	3.7	5.0	5.3
MSB-1048	6.3	5.7	5.7	6.3	6.7	6.0	5.0	4.7	4.7	5.3	6.7	5.7	5.0
OKC1876	5.0	5.0	5.0	5.7	6.0	4.0	4.0	4.7	4.3	4.0	5.0	4.3	4.3
RIVIERA	6.3	6.7	7.0	7.3	6.7	5.3	4.7	4.0	4.3	2.3	3.0	4.3	5.7
OKC1873	4.7	5.7	5.7	5.3	5.7	3.7	3.7	4.3	4.0	4.7	7.0	6.3	5.0
JSC 80V	4.3	5.3	5.0	4.7	5.7	5.3	4.0	4.7	4.0	5.0	6.3	5.7	4.7
OKC1406	5.7	5.7	4.7	4.0	5.3	3.7	3.3	5.3	4.3	5.0	6.3	6.0	5.3
LSD VALUE	1.9	2.8	2.6	4.7	2.5	2.6	1.6	3.2	1.9	1.5	1.6	1.6	1.8
C.V. (%)	14.1	16.8	17.0	22.6	12.8	26.0	19.3	23.1	17.1	21.7	18.3	13.5	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.

TABLE 22A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2023 DATA

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

NAME	SURFACE HARDNESS DURING TRAFFIC						VISUAL COVER DURING TRAFFIC					
	GAME 0 8/7	GAME 5 8/14	GAME 10 8/21	GAME 15 8/28	GAME 20 9/5	GAME 25 9/11	GAME 0 8/7	GAME 5 8/14	GAME 10 8/21	GAME 15 8/28	GAME 20 9/5	GAME 25 9/11
MSB-1042	60.7	71.0	79.7	85.0	94.7	102.7	80.7	80.3	90.3	50.7	47.3	48.7
FB 1630	62.0	72.3	82.3	88.7	101.0	114.0	89.7	87.0	93.7	49.0	37.0	29.7
FB 1628	68.3	78.0	88.0	92.3	101.3	107.3	84.7	83.0	91.0	57.7	46.0	39.3
FB 1902	68.7	78.7	88.0	92.7	102.3	111.0	82.3	80.7	88.7	50.3	39.0	32.3
FB 1903	66.3	76.0	85.7	91.7	104.3	120.3	85.0	82.3	89.7	46.0	37.7	33.3
CELEBRATION HYBRID (MSB-1017)	52.0	62.3	72.3	77.7	89.3	99.7	86.7	85.3	93.3	53.7	46.0	43.0
MSB-1026	66.0	76.7	85.0	89.3	98.3	105.7	84.7	83.0	91.3	57.0	48.7	45.0
TIFTUF	61.7	71.3	81.0	87.0	99.7	115.3	91.3	83.7	85.7	54.3	46.7	43.7
SUN QUEEN (PST-R6MM)	71.7	81.0	90.0	93.7	101.0	105.7	49.0	84.7	85.0	70.0	62.3	29.7
TIFWAY	56.7	67.0	75.7	80.0	89.0	96.7	85.3	81.7	87.7	63.0	52.7	47.7
MSB-1050	59.3	70.0	80.0	86.0	98.0	109.7	84.3	81.7	88.3	47.0	41.0	39.3
MSB-1075	66.0	75.0	83.0	87.7	96.0	104.0	88.3	83.3	88.0	58.7	45.7	37.0
OKC1682	68.0	78.0	88.0	94.7	108.3	125.3	90.7	82.3	83.3	51.7	44.3	41.3
OKS2015-1	65.0	74.3	84.0	90.0	101.7	116.0	56.7	83.3	86.3	71.3	53.3	26.3
OKS2015-3	69.7	79.0	88.3	94.0	103.7	113.7	49.3	86.3	88.3	69.0	58.3	28.7
PST-R6TM	65.7	75.7	84.7	89.7	100.3	110.7	44.3	84.0	81.7	70.7	61.0	32.3
ASTRO	58.0	68.0	77.7	83.0	93.7	104.0	86.3	82.3	87.3	51.3	45.7	44.0
COPPERHEAD (DLF-460/3048)	74.3	83.0	91.7	95.3	102.7	108.7	56.0	81.7	84.7	68.3	54.0	22.7
JSC 2013-10S	60.0	69.7	79.3	85.7	97.7	112.0	62.0	87.3	88.0	66.3	59.0	29.7
JSC 2013-8S	68.0	77.7	87.0	92.0	103.0	115.3	62.0	86.7	86.3	67.7	59.3	25.3
JSC 77V	59.0	69.7	79.3	85.3	96.7	107.0	84.7	78.7	83.0	59.3	47.7	40.7
TAHOMA 31	68.3	77.7	87.3	92.0	101.7	108.3	86.3	82.7	89.7	53.7	44.3	40.0
LATITUDE 36	57.7	68.3	79.3	86.7	102.3	121.0	90.3	83.7	86.7	48.7	41.0	37.7
OKC1666	65.0	74.3	83.7	88.7	99.7	112.0	92.3	86.0	89.3	53.7	42.3	36.0
OKS2015-7	71.3	80.0	88.7	92.3	101.0	109.7	56.3	84.3	86.3	67.3	60.7	29.7
JSC 2013-5S	64.7	73.7	82.0	86.7	95.0	103.7	52.0	83.0	88.0	64.7	53.0	25.3
JSC 2013-12S	65.0	74.0	83.3	90.0	102.3	119.7	52.0	84.0	84.7	60.0	49.7	26.0
JSC 2013-7S	66.3	76.7	87.3	94.0	106.7	120.3	44.0	83.0	84.0	70.3	53.0	26.3
MONACO	71.0	81.3	91.0	96.3	106.7	115.7	31.0	80.3	81.0	67.0	57.0	26.3
MSB-1048	62.3	71.7	81.7	88.0	100.3	115.3	82.0	78.3	84.0	40.3	33.7	32.0
OKC1876	68.7	78.0	86.3	91.3	100.0	108.3	86.0	82.3	88.7	46.0	35.0	28.7
RIVIERA	78.3	87.7	96.7	100.7	109.3	116.3	37.7	84.3	84.0	63.0	51.0	25.7
OKC1873	57.7	67.3	76.0	80.3	89.0	96.7	84.0	81.3	88.0	49.3	37.3	29.7
JSC 80V	63.0	73.3	81.7	86.7	96.0	105.3	87.0	82.3	87.0	49.0	36.7	28.0
OKC1406	53.7	63.7	73.3	79.0	92.0	106.0	85.3	80.3	84.7	48.7	37.7	31.3
LSD VALUE	39.4	34.2	29.2	26.3	33.3	66.2	13.2	11.6	18.5	23.1	31.1	32.6
C.V. (%)	16.7	13.2	10.8	9.4	9.3	14.0	12.1	4.4	6.1	18.9	25.0	33.3

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 22A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2023 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	GAME 0	GAME 5	SOIL MOISTURE DURING TRAFFIC GAME 10	GAME 15	GAME 20	GAME 25
MSB-1042	5.3	5.7	2.3	12.3	9.7	15.7	16.7	14.0	6.7
FB 1630	5.0	6.0	3.0	11.7	9.0	14.7	16.0	13.7	6.0
FB 1628	5.3	5.7	2.0	11.3	8.7	14.3	15.7	12.7	5.7
FB 1902	5.3	5.0	3.0	12.7	10.7	16.0	17.7	15.0	7.7
FB 1903	5.0	5.0	2.3	13.0	10.7	15.7	17.7	14.3	7.3
CELEBRATION HYBRID (MSB-1017)	5.3	5.0	2.3	13.0	10.3	16.0	17.3	14.3	7.3
MSB-1026	5.3	5.3	2.3	12.7	10.3	15.7	17.3	14.3	7.3
TIFTUF	5.3	4.7	2.7	13.0	11.0	16.3	18.0	15.3	8.0
SUN QUEEN (PST-R6MM)	6.7	5.0	2.7	10.7	8.3	13.7	15.3	12.7	5.7
TIFWAY	5.3	5.3	3.0	13.7	10.3	16.3	17.7	14.3	7.0
MSB-1050	5.0	4.7	2.3	13.3	10.7	16.3	17.7	14.7	7.7
MSB-1075	5.3	5.7	2.3	12.0	9.7	15.0	16.7	13.7	6.7
OKC1682	5.0	5.7	2.3	12.0	9.7	15.3	16.7	14.0	6.7
OKS2015-1	7.0	5.7	3.0	12.0	9.7	15.0	16.7	13.7	6.7
OKS2015-3	8.0	5.3	3.3	12.0	9.7	15.3	16.7	14.3	6.7
PST-R6TM	7.0	5.7	3.0	16.3	18.3	15.0	16.3	14.0	25.0
ASTRO	5.0	5.3	2.7	12.3	10.0	15.3	17.0	14.0	7.0
COPPERHEAD (DLF-460/3048)	7.3	7.0	2.3	11.0	9.0	14.3	16.0	13.3	6.0
JSC 2013-10S	7.7	6.3	2.3	12.7	10.3	15.7	17.3	14.3	7.3
JSC 2013-8S	7.0	5.0	2.7	12.0	9.7	15.0	16.7	13.7	6.3
JSC 77V	5.0	4.7	3.0	13.3	10.3	15.7	17.3	14.3	6.7
TAHOMA 31	5.3	5.3	2.0	12.3	9.3	15.0	16.3	13.0	5.7
LATITUDE 36	5.0	5.0	2.7	12.3	10.0	15.3	17.0	14.0	7.0
OKC1666	5.0	5.3	3.0	13.3	11.0	16.3	18.0	15.3	7.7
OKS2015-7	6.3	5.7	2.7	12.7	10.3	15.7	17.3	14.3	7.3
JSC 2013-5S	7.0	5.0	3.3	13.0	10.3	15.7	17.3	14.3	7.3
JSC 2013-12S	6.0	5.3	2.3	12.7	10.0	16.0	17.0	14.3	7.0
JSC 2013-7S	6.3	4.7	3.3	11.3	9.0	14.3	16.0	13.0	6.0
MONACO	6.3	5.7	3.0	12.3	9.7	15.3	16.7	13.7	6.7
MSB-1048	5.0	4.0	3.0	13.0	10.7	16.0	17.7	14.7	7.7
OKC1876	5.0	6.0	2.3	12.3	10.0	15.3	17.0	14.0	7.0
RIVIERA	7.3	6.7	2.3	10.3	8.3	13.3	15.3	12.3	5.0
OKC1873	5.0	5.0	2.7	12.7	10.3	15.7	17.3	14.3	7.3
JSC 80V	5.3	5.0	2.7	12.7	10.3	15.7	17.3	14.0	7.0
OKC1406	5.0	5.0	2.3	12.7	10.0	15.7	17.0	14.3	7.0
LSD VALUE	1.3	2.1	1.8	7.2	11.3	3.9	4.1	3.7	19.2
C.V. (%)	13.8	15.6	22.2	15.4	29.6	7.8	7.2	8.2	75.7

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

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

TABLE 22B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2023 DATA

NAME	TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/												MEAN	
	4/3	5/1	6/2	7/3	8/07	8/14	8/21	8/28	9/5	9/11	9/25	10/9		11/6
SUN QUEEN (PST-R6MM)	6.3	6.0	5.7	6.3	7.7	7.7	3.7	5.0	5.7	4.3	7.0	7.7	3.7	5.9
OKS2015-1	6.3	6.7	7.0	7.3	8.0	7.7	3.3	4.3	4.7	4.0	6.0	7.0	3.7	5.8
OKS2015-3	5.0	6.0	6.0	6.3	8.0	7.7	3.3	5.3	6.0	4.7	6.3	7.0	4.0	5.8
PST-R6TM	5.0	5.7	5.7	7.3	7.0	7.3	4.0	4.7	5.3	4.3	6.3	7.0	6.3	5.8
COPPERHEAD (DLF-460/3048)	5.3	6.7	6.0	6.3	7.7	7.7	3.3	4.3	4.7	4.0	6.0	6.7	5.7	5.7
JSC 2013-10S	5.3	5.7	6.0	7.0	7.3	7.3	3.3	4.3	5.7	4.3	6.7	7.7	3.7	5.7
JSC 2013-8S	5.0	6.0	6.0	7.3	8.0	7.3	4.0	5.0	5.0	4.0	5.7	6.7	4.0	5.7
OKS2015-7	5.0	5.7	5.7	7.0	7.7	7.3	4.0	4.3	5.0	4.0	6.0	6.3	5.0	5.6
JSC 2013-5S	4.3	5.7	6.3	7.0	7.7	7.7	3.7	4.3	5.0	3.7	5.7	6.7	4.0	5.5
JSC 2013-12S	5.0	5.7	5.7	7.3	7.7	7.0	4.0	4.3	5.0	3.3	5.3	5.7	3.7	5.4
JSC 2013-7S	5.7	6.7	6.0	6.7	7.3	7.3	3.3	4.0	4.7	3.3	5.7	6.0	3.0	5.4
MONACO	5.3	6.3	6.3	6.3	7.7	8.0	3.0	4.0	4.7	3.3	5.3	6.0	3.3	5.4
RIVIERA	4.7	6.0	6.3	6.7	8.0	7.7	2.0	3.7	4.3	3.7	5.3	6.7	4.3	5.3
LSD VALUE	2.8	1.6	2.5	2.8	1.5	1.4	4.5	3.0	4.3	3.1	4.1	2.1	2.5	1.6
C.V. (%)	19.5	10.5	13.7	13.6	7.0	6.6	40.9	22.3	26.3	25.5	22.1	13.0	27.8	9.1

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 22B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2023 DATA

NAME	TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ PERCENT GROUND COVER RATINGS												
	4/3	5/1	6/2	7/3	8/07	8/14	8/21	8/28	9/5	9/11	9/25	10/9	11/6
SUN QUEEN (PST-R6MM)	10.7	51.0	87.7	92.3	49.0	84.7	85.0	70.0	62.3	29.7	23.7	27.7	0
OKS2015-1	19.7	54.3	88.3	92.3	56.7	83.3	86.3	71.3	53.3	26.3	26.0	30.0	0
OKS2015-3	8.0	53.3	90.0	95.0	49.3	86.3	88.3	69.0	58.3	28.7	24.0	27.7	0
PST-R6TM	11.3	53.7	84.0	91.7	44.3	84.0	81.7	70.7	61.0	32.3	27.3	31.3	0
COPPERHEAD (DLF-460/3048)	16.7	71.7	87.3	93.0	56.0	81.7	84.7	68.3	54.0	22.7	25.7	29.3	0
JSC 2013-10S	14.0	62.7	89.7	90.7	62.0	87.3	88.0	66.3	59.0	29.7	25.0	28.7	0
JSC 2013-8S	15.0	50.3	88.7	92.7	62.0	86.7	86.3	67.7	59.3	25.3	23.7	27.3	0
OKS2015-7	25.0	57.0	88.7	92.7	56.3	84.3	86.3	67.3	60.7	29.7	24.7	28.3	0
JSC 2013-5S	25.0	49.7	90.3	94.0	52.0	83.0	88.0	64.7	53.0	25.3	25.3	28.7	0
JSC 2013-12S	5.0	52.3	86.7	91.7	52.0	84.0	84.7	60.0	49.7	26.0	28.3	32.0	0
JSC 2013-7S	5.7	44.0	86.3	90.7	44.0	83.0	84.0	70.3	53.0	26.3	26.0	29.7	0
MONACO	24.7	58.3	83.3	90.0	31.0	80.3	81.0	67.0	57.0	26.3	27.7	31.7	0
RIVIERA	15.7	63.0	86.7	91.3	37.7	84.3	84.0	63.0	51.0	25.7	25.7	29.0	0
LSD VALUE	26.5	13.3	12.8	12.2	24.2	11.2	14.4	22.7	39.8	25.8	8.3	8.4	0
C.V. (%)	70.0	12.6	5.0	4.1	22.1	4.6	5.7	11.1	21.7	28.8	11.2	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 22B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2023 DATA

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

NAME	COLOR RATINGS										2 WEEKS AFTER LAST GAME		
	4/3	5/1	6/2	7/3	GAME 0 8/07	GAME 5 8/14	GAME 10 8/21	GAME 15 8/28	GAME 20 9/5	GAME 25 9/11	9/25	10/9	11/6
SUN QUEEN (PST-R6MM)	6.7	7.0	6.7	6.7	6.3	7.0	6.0	4.3	5.3	4.0	4.3	5.3	6.3
OKS2015-1	6.3	6.7	7.0	7.0	7.0	5.7	5.3	5.3	5.0	3.7	3.7	4.7	5.3
OKS2015-3	7.0	7.7	7.7	8.0	6.3	5.0	4.3	4.0	4.3	2.7	4.3	5.7	5.7
PST-R6TM	6.3	7.0	7.0	7.0	7.3	4.0	4.3	5.3	4.7	3.0	4.3	5.3	6.3
COPPERHEAD (DLF-460/3048)	6.7	7.3	7.0	7.3	6.3	5.3	5.0	5.0	5.0	3.3	4.3	5.3	6.0
JSC 2013-10S	6.7	7.3	7.7	7.7	7.3	6.0	5.7	5.7	5.7	2.7	4.3	5.7	6.0
JSC 2013-8S	6.7	7.3	7.3	7.0	6.7	6.3	6.0	4.7	5.0	3.0	4.7	6.0	5.7
OKS2015-7	6.3	6.7	6.3	6.3	6.3	5.0	4.7	4.7	4.7	3.3	4.0	5.0	4.7
JSC 2013-5S	7.0	7.0	7.3	7.0	7.3	4.7	4.7	5.0	4.7	2.3	4.0	5.7	6.0
JSC 2013-12S	6.0	5.7	6.0	6.0	6.7	4.7	4.3	4.3	4.7	2.3	3.3	4.3	5.7
JSC 2013-7S	6.0	6.3	6.3	6.3	6.0	5.7	5.0	3.0	4.0	3.3	4.0	5.0	5.7
MONACO	6.7	6.3	6.3	6.3	6.3	5.3	4.7	4.0	4.0	2.7	3.7	5.0	5.3
RIVIERA	6.3	6.7	7.0	7.3	6.7	5.3	4.7	4.0	4.3	2.3	3.0	4.3	5.7
LSD VALUE	2.9	2.7	3.0	3.4	1.3	3.4	1.8	2.6	1.8	1.4	2.5	1.6	2.5
C.V. (%)	13.7	14.1	15.0	16.7	8.5	24.0	15.9	23.3	15.2	21.9	22.1	13.4	15.4

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

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

TABLE 22B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2023 DATA

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

NAME	SURFACE HARDNESS DURING TRAFFIC						VISUAL COVER DURING TRAFFIC					
	GAME 0 8/7	GAME 5 8/14	GAME 10 8/21	GAME 15 8/28	GAME 20 9/5	GAME 25 9/11	GAME 0 8/7	GAME 5 8/14	GAME 10 8/21	GAME 15 8/28	GAME 20 9/5	GAME 25 9/11
SUN QUEEN (PST-R6MM)	71.7	81.0	90.0	93.7	101.0	105.7	49.0	84.7	85.0	70.0	62.3	29.7
OKS2015-1	65.0	74.3	84.0	90.0	101.7	116.0	56.7	83.3	86.3	71.3	53.3	26.3
OKS2015-3	69.7	79.0	88.3	94.0	103.7	113.7	49.3	86.3	88.3	69.0	58.3	28.7
PST-R6TM	65.7	75.7	84.7	89.7	100.3	110.7	44.3	84.0	81.7	70.7	61.0	32.3
COPPERHEAD (DLF-460/3048)	74.3	83.0	91.7	95.3	102.7	108.7	56.0	81.7	84.7	68.3	54.0	22.7
JSC 2013-10S	60.0	69.7	79.3	85.7	97.7	112.0	62.0	87.3	88.0	66.3	59.0	29.7
JSC 2013-8S	68.0	77.7	87.0	92.0	103.0	115.3	62.0	86.7	86.3	67.7	59.3	25.3
OKS2015-7	71.3	80.0	88.7	92.3	101.0	109.7	56.3	84.3	86.3	67.3	60.7	29.7
JSC 2013-5S	64.7	73.7	82.0	86.7	95.0	103.7	52.0	83.0	88.0	64.7	53.0	25.3
JSC 2013-12S	65.0	74.0	83.3	90.0	102.3	119.7	52.0	84.0	84.7	60.0	49.7	26.0
JSC 2013-7S	66.3	76.7	87.3	94.0	106.7	120.3	44.0	83.0	84.0	70.3	53.0	26.3
MONACO	71.0	81.3	91.0	96.3	106.7	115.7	31.0	80.3	81.0	67.0	57.0	26.3
RIVIERA	78.3	87.7	96.7	100.7	109.3	116.3	37.7	84.3	84.0	63.0	51.0	25.7
LSD VALUE	35.0	30.6	28.1	26.1	26.6	41.5	24.2	11.2	14.4	22.7	39.8	25.8
C.V. (%)	16.6	13.1	10.9	9.4	8.5	11.6	22.1	4.6	5.7	11.1	21.7	28.8

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 22B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2023 DATA

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

NAME	SOIL MOISTURE DURING TRAFFIC								
	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	GAME 0	GAME 5	GAME 10	GAME 15	GAME 20	GAME 25
SUN QUEEN (PST-R6MM)	6.7	5.0	2.7	10.7	8.3	13.7	15.3	12.7	5.7
OKS2015-1	7.0	5.7	3.0	12.0	9.7	15.0	16.7	13.7	6.7
OKS2015-3	8.0	5.3	3.3	12.0	9.7	15.3	16.7	14.3	6.7
PST-R6TM	7.0	5.7	3.0	16.3	18.3	15.0	16.3	14.0	25.0
COPPERHEAD (DLF-460/3048)	7.3	7.0	2.3	11.0	9.0	14.3	16.0	13.3	6.0
JSC 2013-10S	7.7	6.3	2.3	12.7	10.3	15.7	17.3	14.3	7.3
JSC 2013-8S	7.0	5.0	2.7	12.0	9.7	15.0	16.7	13.7	6.3
OKS2015-7	6.3	5.7	2.7	12.7	10.3	15.7	17.3	14.3	7.3
JSC 2013-5S	7.0	5.0	3.3	13.0	10.3	15.7	17.3	14.3	7.3
JSC 2013-12S	6.0	5.3	2.3	12.7	10.0	16.0	17.0	14.3	7.0
JSC 2013-7S	6.3	4.7	3.3	11.3	9.0	14.3	16.0	13.0	6.0
MONACO	6.3	5.7	3.0	12.3	9.7	15.3	16.7	13.7	6.7
RIVIERA	7.3	6.7	2.3	10.3	8.3	13.3	15.3	12.3	5.0
LSD VALUE	3.4	1.4	1.9	7.1	13.1	2.8	3.4	2.9	24.5
C.V. (%)	16.7	12.8	25.3	21.4	45.8	7.8	7.4	8.2	113.6

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 22C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2023 DATA

NAME	TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/												MEAN	
	GAME 0	GAME 5	GAME 10	GAME 15	GAME 20	GAME 25	2 WEEKS AFTER LAST GAME	4 WEEKS AFTER LAST GAME	11/6	9/25	9/11	9/5		
MSB-1042	5.3	6.7	7.0	7.0	7.0	7.0	7.0	6.0	5.0	6.7	8.7	8.0	5.7	6.7
FB 1630	6.7	7.3	7.0	7.3	6.7	7.0	7.0	6.0	5.3	4.7	7.0	7.0	4.7	6.4
FB 1628	5.3	6.7	7.0	7.0	6.7	7.0	7.0	6.0	5.3	4.7	6.7	7.7	4.3	6.3
FB 1902	4.3	5.7	6.3	6.3	6.3	6.7	6.3	6.0	6.3	6.0	7.7	7.7	5.7	6.3
FB 1903	4.7	6.0	6.3	6.7	6.7	7.0	6.3	5.7	5.7	6.0	8.0	8.0	4.3	6.3
CELEBRATION HYBRID (MSB-1017)	4.3	6.0	7.3	6.3	6.3	6.7	6.7	5.7	5.3	5.7	7.3	6.7	4.7	6.1
MSB-1026	4.3	5.7	6.3	6.7	6.7	7.0	6.3	6.3	6.0	5.7	7.7	7.3	3.7	6.1
TIFTUF	4.3	5.7	5.3	6.0	6.3	7.0	5.7	6.0	5.7	5.7	8.0	8.0	5.0	6.1
TIFWAY	4.7	6.0	6.0	7.7	6.3	7.3	6.0	5.3	6.0	4.7	6.3	6.0	4.0	5.9
MSB-1050	4.0	5.3	6.0	5.3	5.7	6.3	6.0	5.7	5.0	5.0	8.0	8.0	5.7	5.8
MSB-1075	5.3	6.3	6.0	6.0	5.7	6.0	6.0	6.0	5.7	4.0	6.7	7.0	4.3	5.8
OKC1682	5.7	6.0	5.3	6.3	5.7	6.3	5.7	5.3	5.7	4.7	7.3	7.7	4.3	5.8
ASTRO	5.0	5.7	5.3	5.7	6.0	6.3	5.3	5.3	5.7	5.0	7.7	7.3	4.3	5.7
JSC 77V	4.7	5.7	5.7	5.7	6.7	7.0	5.7	5.3	5.0	5.0	7.0	7.3	4.0	5.7
TAHOMA 31	3.7	5.3	6.3	6.3	5.7	6.3	6.3	6.0	5.0	5.0	7.0	7.0	4.3	5.7
LATITUDE 36	4.7	5.7	5.7	6.0	6.0	6.3	5.7	5.3	5.0	4.7	6.7	7.0	4.7	5.6
OKC1666	4.7	5.3	5.3	5.7	5.7	6.0	5.3	5.0	5.7	4.7	6.7	7.0	5.3	5.6
MSB-1048	4.0	5.0	5.3	5.3	6.0	6.3	5.3	5.0	4.3	4.3	6.3	6.3	5.0	5.3
OKC1876	6.0	6.0	5.0	5.3	5.3	6.3	5.0	5.3	4.3	3.7	5.7	6.0	4.7	5.3
OKC1873	4.3	5.3	5.0	5.3	4.3	6.0	5.0	5.3	5.0	4.3	6.3	7.0	4.7	5.2
JSC 80V	3.3	5.0	5.7	5.3	5.3	5.7	5.7	5.0	4.3	3.7	5.3	5.7	4.3	4.9
OKC1406	5.3	5.0	4.0	5.0	4.7	5.7	3.7	4.3	5.0	3.7	5.3	6.3	4.7	4.8
LSD VALUE	3.8	1.9	2.8	4.5	4.8	3.5	2.8	2.9	5.1	3.2	3.9	3.2	2.6	1.9
C.V. (%)	27.3	13.8	19.2	22.7	23.2	15.4	18.9	16.2	25.7	24.6	20.0	15.8	19.3	12.3

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 22C.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2023 DATA

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

NAME	TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/										2		4	
	4/3	5/1	6/2	7/3	GAME 0 8/07	GAME 5 8/14	GAME 10 8/21	GAME 15 8/28	GAME 20 9/5	GAME 25 9/11	WEEKS 9/25	AFTER 10/9	LAST 11/6	GAME
MSB-1042	26.3	56.7	91.3	88.7	80.7	80.3	90.3	50.7	47.3	48.7	43.3	51.0	5.7	
FB 1630	33.0	61.3	94.3	92.0	89.7	87.0	93.7	49.0	37.0	29.7	32.7	36.3	7.0	
FB 1628	33.3	60.3	92.0	92.0	84.7	83.0	91.0	57.7	46.0	39.3	42.0	45.3	5.7	
FB 1902	17.7	51.7	90.0	88.7	82.3	80.7	88.7	50.3	39.0	32.3	35.0	38.3	3.7	
FB 1903	15.7	50.7	90.3	90.7	85.0	82.3	89.7	46.0	37.7	33.3	33.3	38.0	3.7	
CELEBRATION HYBRID (MSB-1017)	9.0	49.3	94.0	91.3	86.7	85.3	93.3	53.7	46.0	43.0	42.0	47.3	12.0	
MSB-1026	16.7	52.0	92.7	90.3	84.7	83.0	91.3	57.0	48.7	45.0	44.7	49.3	1.7	
TIFTUF	12.3	47.0	87.0	84.7	91.3	83.7	85.7	54.3	46.7	43.7	42.7	48.0	7.0	
TIFWAY	25.0	54.7	88.7	94.7	85.3	81.7	87.7	63.0	52.7	47.7	48.7	52.7	5.0	
MSB-1050	7.3	46.0	89.3	85.7	84.3	81.7	88.3	47.0	41.0	39.3	36.7	43.0	8.7	
MSB-1075	22.7	53.7	89.3	84.0	88.3	83.3	88.0	58.7	45.7	37.0	41.7	44.0	8.0	
OKC1682	36.7	58.7	85.0	81.3	90.7	82.3	83.3	51.7	44.3	41.3	39.7	45.3	8.3	
ASTRO	22.0	53.3	88.7	85.0	86.3	82.3	87.3	51.3	45.7	44.0	41.3	47.3	11.3	
JSC 77V	16.3	48.0	84.3	83.0	84.7	78.7	83.0	59.3	47.7	40.7	43.7	46.7	3.0	
TAHOMA 31	13.3	49.7	90.7	87.0	86.3	82.7	89.7	53.7	44.3	40.0	40.0	44.7	8.0	
LATITUDE 36	21.0	52.0	88.3	84.3	90.3	83.7	86.7	48.7	41.0	37.7	36.7	42.0	1.7	
OKC1666	20.7	53.3	91.0	87.3	92.3	86.0	89.3	53.7	42.3	36.0	38.3	42.3	4.3	
MSB-1048	3.0	41.7	85.7	80.0	82.0	78.3	84.0	40.3	33.7	32.0	29.7	35.7	2.7	
OKC1876	33.3	59.3	89.7	84.7	86.0	82.3	88.7	46.0	35.0	28.7	31.0	34.7	6.0	
OKC1873	10.3	48.0	90.0	86.3	84.0	81.3	88.0	49.3	37.3	29.7	32.7	35.7	5.0	
JSC 80V	9.3	46.3	88.0	89.3	87.0	82.3	87.0	49.0	36.7	28.0	32.3	35.0	6.3	
OKC1406	24.7	53.0	86.3	86.3	85.3	80.3	84.7	48.7	37.7	31.3	33.7	37.7	6.3	
LSD VALUE	45.7	25.5	17.0	17.6	17.6	10.3	18.6	46.1	41.9	44.8	41.8	42.4	9.3	
C.V. (%)	79.6	16.4	5.8	7.0	6.5	4.2	6.4	24.0	27.2	34.5	30.2	28.0	64.0	

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 22C.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2023 DATA

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

NAME	4/3	5/1	6/2	7/3	GAME 0 8/07	GAME 5 8/14	GAME 10 8/21	GAME 15 8/28	GAME 20 9/5	GAME 25 9/11	2	4	GAME 11/6
											WEEKS 9/25	AFTER LAST 10/9	
MSB-1042	6.7	6.0	6.3	7.3	6.7	2.3	3.0	4.0	3.7	4.0	7.0	6.3	5.3
FB 1630	5.7	5.7	6.0	6.7	7.0	3.3	3.3	4.7	4.0	4.3	5.3	5.3	5.0
FB 1628	6.7	6.3	6.7	7.0	6.3	4.7	4.0	3.3	3.7	3.7	6.3	6.3	5.0
FB 1902	5.3	6.3	6.7	7.0	7.0	5.0	4.3	4.7	4.7	4.7	7.0	6.3	5.3
FB 1903	6.7	6.0	6.3	6.7	6.7	3.7	3.7	5.7	4.7	4.7	6.7	6.3	5.0
CELEBRATION HYBRID (MSB-1017)	6.7	5.7	5.7	5.7	6.0	3.7	3.3	5.0	4.3	3.7	6.7	6.0	4.3
MSB-1026	6.7	6.7	7.0	7.3	7.3	3.7	4.0	4.7	4.3	4.3	7.0	6.7	5.3
TIFTUF	5.7	5.7	5.7	5.0	7.0	5.3	5.0	6.7	6.0	4.7	7.0	6.3	4.7
TIFWAY	5.7	5.7	6.3	6.3	7.0	4.7	4.0	5.3	4.3	5.0	6.3	6.3	4.3
MSB-1050	5.3	5.3	5.7	5.7	6.3	5.0	4.7	4.3	4.3	5.0	6.3	6.0	5.0
MSB-1075	5.0	6.0	5.7	6.3	6.3	3.7	4.0	4.3	4.0	4.7	7.0	5.7	5.0
OKC1682	6.3	6.3	6.7	7.3	7.0	3.7	3.3	4.7	4.0	4.7	7.0	6.3	5.7
ASTRO	6.3	5.0	5.3	6.3	6.3	4.3	3.7	4.3	4.0	4.3	6.3	5.3	4.0
JSC 77V	6.0	6.0	5.7	5.7	5.7	4.0	4.0	4.0	3.7	3.7	7.0	6.0	4.7
TAHOMA 31	6.7	6.0	6.0	6.7	6.7	4.0	3.7	4.7	4.0	4.3	6.0	5.3	4.3
LATITUDE 36	6.3	5.3	6.0	7.0	7.0	4.7	4.0	4.7	4.3	4.3	6.0	5.0	4.7
OKC1666	5.7	5.3	5.3	5.7	6.0	4.3	4.3	5.3	4.7	5.0	6.0	5.7	5.0
MSB-1048	6.3	5.7	5.7	6.3	6.7	6.0	5.0	4.7	4.7	5.3	6.7	5.7	5.0
OKC1876	5.0	5.0	5.0	5.7	6.0	4.0	4.0	4.7	4.3	4.0	5.0	4.3	4.3
OKC1873	4.7	5.7	5.7	5.3	5.7	3.7	3.7	4.3	4.0	4.7	7.0	6.3	5.0
JSC 80V	4.3	5.3	5.0	4.7	5.7	5.3	4.0	4.7	4.0	5.0	6.3	5.7	4.7
OKC1406	5.7	5.7	4.7	4.0	5.3	3.7	3.3	5.3	4.3	5.0	6.3	6.0	5.3
LSD VALUE	1.8	2.9	2.4	4.1	2.6	2.9	2.3	3.2	2.1	3.2	3.7	1.8	2.0
C.V. (%)	14.5	14.9	15.5	23.4	14.0	27.8	21.3	23.3	18.1	21.0	16.9	12.9	14.0

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

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

TABLE 22C.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2023 DATA

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

NAME	SURFACE HARDNESS DURING TRAFFIC						VISUAL COVER DURING TRAFFIC					
	GAME 0 8/7	GAME 5 8/14	GAME 10 8/21	GAME 15 8/28	GAME 20 9/5	GAME 25 9/11	GAME 0 8/7	GAME 5 8/14	GAME 10 8/21	GAME 15 8/28	GAME 20 9/5	GAME 25 9/11
MSB-1042	60.7	71.0	79.7	85.0	94.7	102.7	80.7	80.3	90.3	50.7	47.3	48.7
FB 1630	62.0	72.3	82.3	88.7	101.0	114.0	89.7	87.0	93.7	49.0	37.0	29.7
FB 1628	68.3	78.0	88.0	92.3	101.3	107.3	84.7	83.0	91.0	57.7	46.0	39.3
FB 1902	68.7	78.7	88.0	92.7	102.3	111.0	82.3	80.7	88.7	50.3	39.0	32.3
FB 1903	66.3	76.0	85.7	91.7	104.3	120.3	85.0	82.3	89.7	46.0	37.7	33.3
CELEBRATION HYBRID (MSB-1017)	52.0	62.3	72.3	77.7	89.3	99.7	86.7	85.3	93.3	53.7	46.0	43.0
MSB-1026	66.0	76.7	85.0	89.3	98.3	105.7	84.7	83.0	91.3	57.0	48.7	45.0
TIFTUF	61.7	71.3	81.0	87.0	99.7	115.3	91.3	83.7	85.7	54.3	46.7	43.7
TIFWAY	56.7	67.0	75.7	80.0	89.0	96.7	85.3	81.7	87.7	63.0	52.7	47.7
MSB-1050	59.3	70.0	80.0	86.0	98.0	109.7	84.3	81.7	88.3	47.0	41.0	39.3
MSB-1075	66.0	75.0	83.0	87.7	96.0	104.0	88.3	83.3	88.0	58.7	45.7	37.0
OKC1682	68.0	78.0	88.0	94.7	108.3	125.3	90.7	82.3	83.3	51.7	44.3	41.3
ASTRO	58.0	68.0	77.7	83.0	93.7	104.0	86.3	82.3	87.3	51.3	45.7	44.0
JSC 77V	59.0	69.7	79.3	85.3	96.7	107.0	84.7	78.7	83.0	59.3	47.7	40.7
TAHOMA 31	68.3	77.7	87.3	92.0	101.7	108.3	86.3	82.7	89.7	53.7	44.3	40.0
LATITUDE 36	57.7	68.3	79.3	86.7	102.3	121.0	90.3	83.7	86.7	48.7	41.0	37.7
OKC1666	65.0	74.3	83.7	88.7	99.7	112.0	92.3	86.0	89.3	53.7	42.3	36.0
MSB-1048	62.3	71.7	81.7	88.0	100.3	115.3	82.0	78.3	84.0	40.3	33.7	32.0
OKC1876	68.7	78.0	86.3	91.3	100.0	108.3	86.0	82.3	88.7	46.0	35.0	28.7
OKC1873	57.7	67.3	76.0	80.3	89.0	96.7	84.0	81.3	88.0	49.3	37.3	29.7
JSC 80V	63.0	73.3	81.7	86.7	96.0	105.3	87.0	82.3	87.0	49.0	36.7	28.0
OKC1406	53.7	63.7	73.3	79.0	92.0	106.0	85.3	80.3	84.7	48.7	37.7	31.3
LSD VALUE	30.2	26.0	21.7	18.7	26.7	57.9	17.6	10.3	18.6	46.1	41.9	44.8
C.V. (%)	15.1	11.7	9.3	8.1	9.0	15.0	6.5	4.2	6.4	24.0	27.2	34.5

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 22C.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN 1/
2023 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	GAME 0	GAME 5	SOIL MOISTURE DURING GAME 10	TRAFFIC GAME 15	GAME 20	GAME 25
MSB-1042	5.3	5.7	2.3	12.3	9.7	15.7	16.7	14.0	6.7
FB 1630	5.0	6.0	3.0	11.7	9.0	14.7	16.0	13.7	6.0
FB 1628	5.3	5.7	2.0	11.3	8.7	14.3	15.7	12.7	5.7
FB 1902	5.3	5.0	3.0	12.7	10.7	16.0	17.7	15.0	7.7
FB 1903	5.0	5.0	2.3	13.0	10.7	15.7	17.7	14.3	7.3
CELEBRATION HYBRID (MSB-1017)	5.3	5.0	2.3	13.0	10.3	16.0	17.3	14.3	7.3
MSB-1026	5.3	5.3	2.3	12.7	10.3	15.7	17.3	14.3	7.3
TIFTUF	5.3	4.7	2.7	13.0	11.0	16.3	18.0	15.3	8.0
TIFWAY	5.3	5.3	3.0	13.7	10.3	16.3	17.7	14.3	7.0
MSB-1050	5.0	4.7	2.3	13.3	10.7	16.3	17.7	14.7	7.7
MSB-1075	5.3	5.7	2.3	12.0	9.7	15.0	16.7	13.7	6.7
OKC1682	5.0	5.7	2.3	12.0	9.7	15.3	16.7	14.0	6.7
ASTRO	5.0	5.3	2.7	12.3	10.0	15.3	17.0	14.0	7.0
JSC 77V	5.0	4.7	3.0	13.3	10.3	15.7	17.3	14.3	6.7
TAHOMA 31	5.3	5.3	2.0	12.3	9.3	15.0	16.3	13.0	5.7
LATITUDE 36	5.0	5.0	2.7	12.3	10.0	15.3	17.0	14.0	7.0
OKC1666	5.0	5.3	3.0	13.3	11.0	16.3	18.0	15.3	7.7
MSB-1048	5.0	4.0	3.0	13.0	10.7	16.0	17.7	14.7	7.7
OKC1876	5.0	6.0	2.3	12.3	10.0	15.3	17.0	14.0	7.0
OKC1873	5.0	5.0	2.7	12.7	10.3	15.7	17.3	14.3	7.3
JSC 80V	5.3	5.0	2.7	12.7	10.3	15.7	17.3	14.0	7.0
OKC1406	5.0	5.0	2.3	12.7	10.0	15.7	17.0	14.3	7.0
LSD VALUE	1.4	2.9	1.4	4.9	4.2	4.5	4.2	3.8	3.9
C.V. (%)	7.4	17.1	20.1	10.6	12.2	7.9	7.2	8.3	17.1

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 23A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER DROUGHT STRESS AT RIVERSIDE, CA 1/
2020-23 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	BERMUDA MITE	COLOR RATINGS				QUALITY RATINGS											
					OCTOBER	NOVEMBER	DECEMBER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
TIFTUF	6.4	6.8	6.6	8.7	6.3	7.5	6.8	5.8	5.8	6.4	6.7	7.5	6.7	6.8	6.2	5.7	6.4	6.8	6.2	6.4
OKC1876	7.1	5.9	7.0	8.3	5.3	8.5	6.2	5.3	5.7	5.8	6.4	7.4	6.4	6.2	5.6	4.6	5.8	6.4	5.2	5.9
FB 1628	8.4	6.8	6.8	8.3	6.0	7.7	5.7	5.3	5.4	6.2	6.1	6.8	6.5	6.5	5.3	4.2	5.4	6.0	5.0	5.7
CELEBRATION HYBRID (MSB-1017)	7.7	5.4	6.9	9.0	5.3	7.0	5.5	4.3	4.4	5.2	6.0	7.5	7.0	7.1	5.5	4.8	5.4	5.3	4.3	5.6
MSB-1042	6.2	5.9	7.0	9.0	5.7	6.3	5.0	4.4	4.8	5.3	6.2	7.1	6.3	5.7	4.9	4.1	5.7	5.5	4.6	5.4
FB 1902	6.8	6.9	5.6	9.0	6.0	7.5	5.5	4.7	5.1	6.0	5.3	5.8	5.2	5.0	4.6	4.3	5.3	5.6	5.0	5.2
MSB-1050	9.0	4.1	8.0	8.7	5.7	6.8	3.0	3.7	3.8	4.4	5.1	6.3	6.5	6.8	6.3	4.9	5.5	4.9	4.2	5.2
OKC1873	6.2	5.9	6.6	9.0	5.7	6.8	6.0	4.7	5.1	5.7	5.1	6.1	6.1	5.0	4.7	4.3	5.3	5.7	4.7	5.2
TAHOMA 31	8.0	5.0	6.7	8.0	4.7	4.2	3.0	3.5	3.3	4.8	5.8	6.8	6.9	6.4	5.9	4.0	5.3	4.5	3.8	5.1
TIFWAY	7.0	6.1	6.7	9.0	6.3	5.8	4.8	4.6	4.9	5.2	5.8	5.8	6.1	5.6	4.8	3.8	5.0	5.0	4.8	5.1
FB 1903	8.2	4.7	5.8	9.0	7.3	7.0	5.0	4.1	3.9	4.5	3.9	5.2	5.3	6.2	5.7	5.3	5.7	5.5	5.3	5.0
MSB-1075	9.0	4.7	6.6	5.0	6.0	7.3	5.2	3.9	4.1	4.7	5.2	5.3	5.5	5.6	5.3	4.5	5.3	5.0	4.4	4.9
MSB-1026	8.9	5.7	6.1	5.7	5.7	4.2	3.7	3.2	3.1	4.8	5.2	5.9	5.8	6.0	5.4	4.7	5.4	4.3	3.8	4.8
MSB-1048	7.6	2.9	7.0	9.0	4.3	4.8	3.0	3.3	3.1	3.8	5.0	7.3	6.8	5.8	5.2	4.2	4.9	4.3	3.7	4.8
FB 1630	7.0	6.4	5.3	8.7	4.7	6.8	4.8	4.5	4.8	5.0	4.6	5.3	5.4	5.3	4.3	3.3	4.4	4.8	4.2	4.7
JSC 2013-10S	7.6	5.8	4.6	7.7	4.0	4.7	4.0	3.6	3.7	4.7	5.3	6.0	6.0	5.6	4.9	3.5	4.3	4.4	3.8	4.7
JSC 2013-5S	7.4	5.7	4.7	6.7	4.0	5.0	3.2	3.3	3.5	4.8	5.5	6.1	5.8	5.3	4.9	4.2	4.9	4.3	3.7	4.7
OKC1682	7.8	4.8	6.8	9.0	4.0	5.2	2.7	3.5	3.4	4.3	5.9	7.6	6.9	5.3	4.3	3.2	4.3	3.9	3.3	4.7
MONACO	7.3	5.0	4.9	8.3	4.0	4.7	4.0	3.7	4.0	4.3	4.9	5.5	5.8	5.0	4.8	3.3	4.5	4.5	3.4	4.5
JSC 2013-12S	7.1	5.3	4.8	6.3	4.3	4.7	3.3	3.2	3.3	4.1	5.0	5.7	5.5	5.4	4.6	3.7	4.6	4.1	3.6	4.4
OKC1406	6.4	4.9	6.8	8.7	4.3	4.5	3.5	3.3	3.2	4.5	5.0	5.4	5.2	5.5	4.3	3.3	3.9	4.0	3.6	4.3
LATITUDE 36	6.7	5.3	6.9	9.0	4.0	5.0	3.2	3.4	3.8	4.2	4.6	5.8	5.9	4.9	4.3	2.8	3.2	3.8	3.2	4.2
ASTRO	5.0	4.7	5.9	8.0	4.0	5.5	3.7	3.4	3.6	3.8	4.3	4.9	5.5	4.4	4.2	3.2	4.3	4.2	3.6	4.1
JSC 2013-8S	6.8	5.6	4.3	6.7	4.0	4.2	3.2	3.3	3.4	4.5	4.4	5.0	5.0	4.7	4.3	3.2	3.9	4.0	3.3	4.1
OKC1666	6.2	3.7	6.8	8.0	4.7	4.2	2.2	3.2	2.8	3.7	5.1	5.9	5.8	4.4	4.0	3.5	3.6	3.6	3.0	4.1
JSC 2013-7S	7.5	4.8	4.3	6.0	4.0	4.0	3.3	2.7	3.2	4.0	4.3	5.1	4.9	4.8	4.2	3.3	4.1	3.8	3.1	4.0
JSC 80V	5.1	4.7	6.4	8.7	4.0	3.8	2.7	3.0	2.8	3.6	4.3	5.6	5.8	4.8	4.1	3.2	3.8	3.6	3.0	4.0
PST-R6TM	5.5	4.8	4.5	6.3	4.3	5.2	3.8	3.1	3.3	3.4	4.1	4.4	4.5	4.5	4.3	3.5	4.3	3.9	3.6	3.9
OKS2015-1	6.8	4.7	3.8	4.0	4.3	4.2	3.2	2.5	2.6	3.1	3.9	4.5	4.6	5.0	4.4	3.7	4.6	3.6	3.3	3.8
SUN QUEEN (PST-R6MM)	5.6	4.7	4.3	6.0	4.0	4.7	4.3	3.3	3.3	3.6	4.0	4.3	4.3	4.0	3.8	3.0	4.0	3.8	3.4	3.8
COPPERHEAD (DLF-460/3048)	6.0	5.3	4.3	6.0	4.3	5.5	3.8	2.9	3.2	3.3	3.8	4.7	4.3	4.3	3.8	3.2	3.8	3.7	3.4	3.7
JSC 77V	5.4	4.3	6.4	8.3	4.0	3.5	2.5	2.7	2.9	4.1	4.4	5.1	4.8	4.2	3.6	2.6	3.7	3.3	2.9	3.7
RIVIERA	6.3	4.9	4.4	4.0	4.0	3.8	3.3	2.8	2.9	3.4	4.1	4.8	5.1	4.4	3.8	2.9	3.9	3.3	3.1	3.7
OKS2015-3	6.7	4.9	4.4	4.7	4.0	3.0	2.7	2.7	2.6	3.5	4.0	4.6	4.9	3.8	3.7	2.8	3.7	3.3	2.9	3.6
OKS2015-7	6.6	4.4	4.3	5.3	3.7	3.5	3.2	2.5	2.6	3.3	3.8	4.3	4.3	4.2	3.5	3.0	3.9	3.3	3.0	3.5
LSD VALUE	0.6	1.3	0.4	1.6	1.1	1.4	1.1	0.6	0.8	1.3	0.6	0.6	0.5	1.0	1.1	1.0	0.7	0.7	0.9	0.4
C.V. (%)	11.4	26.6	10.3	14.1	14.9	23.8	25.1	24.2	27.0	35.2	17.3	14.9	12.4	24.2	29.3	33.2	21.3	20.0	26.4	12.4

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

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

TABLE 23A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER DROUGHT STRESS AT RIVERSIDE, CA 1/
2020-23 DATA

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

NAME	PERCENT GROUND COVER				% COVER DURING RECOVERY		PERCENT ESTABLISHMENT		FEBRUARY-MAY	
	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	FEBRUARY	MARCH	APRIL	MAY	
TIFTUF	73.0	92.1	77.8	69.0	72.0	93.0	91.3	99.0	99	
OKC1876	65.0	81.8	61.4	54.3	57.7	89.7	91.3	97.7	99	
FB 1628	66.1	80.6	58.8	48.2	58.5	85.0	89.7	97.7	99	
CELEBRATION HYBRID (MSB-1017)	72.7	91.6	66.4	52.8	48.2	97.7	97.7	99.0	99	
MSB-1042	60.4	81.2	53.3	37.7	49.5	92.7	89.7	96.0	99	
FB 1902	54.7	74.3	59.2	46.5	34.0	83.3	85.0	93.0	99	
MSB-1050	85.3	95.4	81.7	67.5	47.0	88.3	99.0	97.7	99	
OKC1873	53.7	71.1	49.6	37.3	50.0	88.0	91.3	97.7	99	
TAHOMA 31	70.8	86.9	60.1	39.0	43.0	81.7	80.0	86.7	99	
TIFWAY	51.6	60.8	36.9	25.5	37.3	81.7	92.7	93.0	99	
FB 1903	72.9	90.8	72.7	59.8	30.5	70.0	76.7	91.7	99	
MSB-1075	73.3	92.1	79.8	67.5	49.3	76.7	83.3	91.3	99	
MSB-1026	71.3	87.4	75.4	61.5	42.0	71.7	76.7	83.3	99	
MSB-1048	67.6	80.8	39.7	29.3	28.2	90.0	94.3	97.7	99	
FB 1630	60.3	68.6	47.2	36.0	35.7	89.7	91.3	97.7	99	
JSC 2013-10S	67.2	86.2	52.2	39.2	54.0	91.7	97.7	99.0	99	
JSC 2013-5S	67.1	81.2	53.6	38.3	45.7	94.3	91.0	99.0	99	
OKC1682	57.4	75.1	40.1	24.8	38.2	66.7	75.0	86.7	99	
MONACO	54.8	74.4	40.6	25.0	54.0	88.3	88.3	96.0	99	
JSC 2013-12S	65.6	83.1	47.9	28.8	45.5	96.3	99.0	96.0	99	
OKC1406	60.7	64.2	43.4	32.2	29.0	75.0	76.7	85.0	99	
LATITUDE 36	56.8	59.1	28.0	16.8	14.3	91.3	84.7	97.7	99	
ASTRO	56.9	72.3	43.7	30.3	41.8	91.7	88.0	96.0	99	
JSC 2013-8S	50.1	64.2	31.7	21.0	44.2	90.0	86.7	91.3	99	
OKC1666	57.8	77.1	47.4	31.8	14.5	83.3	83.3	91.3	99	
JSC 2013-7S	54.2	64.1	33.3	22.8	49.3	94.7	96.0	99.0	99	
JSC 80V	56.3	72.4	33.3	18.3	25.0	83.3	81.7	86.7	99	
PST-R6TM	57.4	71.4	48.6	31.5	48.7	90.0	91.0	99.0	99	
OKS2015-1	68.2	77.7	52.0	41.2	47.5	91.7	89.7	92.7	99	
SUN QUEEN (PST-R6MM)	45.3	53.6	33.0	24.3	53.8	96.3	88.0	97.7	99	
COPPERHEAD (DLF-460/3048)	53.2	71.4	40.2	26.8	45.5	89.7	99.0	99.0	99	
JSC 77V	40.2	33.0	18.4	12.2	31.8	91.3	85.0	94.3	99	
RIVIERA	56.1	69.8	29.6	18.0	45.7	86.3	89.7	99.0	99	
OKS2015-3	44.7	47.4	20.1	11.0	48.0	85.0	90.0	91.0	99	
OKS2015-7	55.8	65.6	38.4	29.8	50.3	91.3	97.7	99.0	99	
LSD VALUE	96.5	10.6	24.4	25.0	69.8	13.4	22.2	13.2	0	
C.V. (%)	59.3	16.6	52.6	58.2	66.7	8.6	10.4	6.2	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 23B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER DROUGHT STRESS AT RIVERSIDE, CA 1/
2020-23 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	BERMUDA MITE	COLOR RATINGS				QUALITY RATINGS											
					OCTOBER	NOVEMBER	DECEMBER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
JSC 2013-10S	7.6	5.8	4.6	7.7	4.0	4.7	4.0	3.6	3.7	4.7	5.3	6.0	6.0	5.6	4.9	3.5	4.3	4.4	3.8	4.7
JSC 2013-5S	7.4	5.7	4.7	6.7	4.0	5.0	3.2	3.3	3.5	4.8	5.5	6.1	5.8	5.3	4.9	4.2	4.9	4.3	3.7	4.7
MONACO	7.3	5.0	4.9	8.3	4.0	4.7	4.0	3.7	4.0	4.3	4.9	5.5	5.8	5.0	4.8	3.3	4.5	4.5	3.4	4.5
JSC 2013-12S	7.1	5.3	4.8	6.3	4.3	4.7	3.3	3.2	3.3	4.1	5.0	5.7	5.5	5.4	4.6	3.7	4.6	4.1	3.6	4.4
JSC 2013-8S	6.8	5.6	4.3	6.7	4.0	4.2	3.2	3.3	3.4	4.5	4.4	5.0	5.0	4.7	4.3	3.2	3.9	4.0	3.3	4.1
JSC 2013-7S	7.5	4.8	4.3	6.0	4.0	4.0	3.3	2.7	3.2	4.0	4.3	5.1	4.9	4.8	4.2	3.3	4.1	3.8	3.1	4.0
PST-R6TM	5.5	4.8	4.5	6.3	4.3	5.2	3.8	3.1	3.3	3.4	4.1	4.4	4.5	4.5	4.3	3.5	4.3	3.9	3.6	3.9
OKS2015-1	6.8	4.7	3.8	4.0	4.3	4.2	3.2	2.5	2.6	3.1	3.9	4.5	4.6	5.0	4.4	3.7	4.6	3.6	3.3	3.8
SUN QUEEN (PST-R6MM)	5.6	4.7	4.3	6.0	4.0	4.7	4.3	3.3	3.3	3.6	4.0	4.3	4.3	4.0	3.8	3.0	4.0	3.8	3.4	3.8
COPPERHEAD (DLF-460/3048)	6.0	5.3	4.3	6.0	4.3	5.5	3.8	2.9	3.2	3.3	3.8	4.7	4.3	4.3	3.8	3.2	3.8	3.7	3.4	3.7
RIVIERA	6.3	4.9	4.4	4.0	4.0	3.8	3.3	2.8	2.9	3.4	4.1	4.8	5.1	4.4	3.8	2.9	3.9	3.3	3.1	3.7
OKS2015-3	6.7	4.9	4.4	4.7	4.0	3.0	2.7	2.7	2.6	3.5	4.0	4.6	4.9	3.8	3.7	2.8	3.7	3.3	2.9	3.6
OKS2015-7	6.6	4.4	4.3	5.3	3.7	3.5	3.2	2.5	2.6	3.3	3.8	4.3	4.3	4.2	3.5	3.0	3.9	3.3	3.0	3.5
LSD VALUE	0.5	2.8	0.8	2.1	2.4	1.9	1.6	0.7	0.9	1.4	0.7	0.6	0.5	1.1	1.4	1.6	1.1	0.6	1.3	0.4
C.V. (%)	10.8	30.3	16.8	19.4	17.5	28.4	26.7	25.8	29.7	36.6	19.0	15.8	14.2	25.3	30.4	37.3	23.3	18.5	23.4	11.6

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 23B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER DROUGHT STRESS AT RIVERSIDE, CA 1/
2020-23 DATA

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

NAME	% COVER DURING					PERCENT ESTABLISHMENT		FEBRUARY-MAY	
	PERCENT JULY	GROUND COVER AUGUST	FROM JULY-OCTOBER SEPTEMBER	OCTOBER	RECOVERY NOVEMBER	FEBRUARY	MARCH	APRIL	MAY
JSC 2013-10S	67.2	86.2	52.2	39.2	54.0	91.7	97.7	99.0	99
JSC 2013-5S	67.1	81.2	53.6	38.3	45.7	94.3	91.0	99.0	99
MONACO	54.8	74.4	40.6	25.0	54.0	88.3	88.3	96.0	99
JSC 2013-12S	65.6	83.1	47.9	28.8	45.5	96.3	99.0	96.0	99
JSC 2013-8S	50.1	64.2	31.7	21.0	44.2	90.0	86.7	91.3	99
JSC 2013-7S	54.2	64.1	33.3	22.8	49.3	94.7	96.0	99.0	99
PST-R6TM	57.4	71.4	48.6	31.5	48.7	90.0	91.0	99.0	99
OKS2015-1	68.2	77.7	52.0	41.2	47.5	91.7	89.7	92.7	99
SUN QUEEN (PST-R6MM)	45.3	53.6	33.0	24.3	53.8	96.3	88.0	97.7	99
COPPERHEAD (DLF-460/3048)	53.2	71.4	40.2	26.8	45.5	89.7	99.0	99.0	99
RIVIERA	56.1	69.8	29.6	18.0	45.7	86.3	89.7	99.0	99
OKS2015-3	44.7	47.4	20.1	11.0	48.0	85.0	90.0	91.0	99
OKS2015-7	55.8	65.6	38.4	29.8	50.3	91.3	97.7	99.0	99
LSD VALUE	73.5	11.2	40.4	33.5	87.4	12.8	21.6	16.6	0
C.V. (%)	64.0	18.0	68.5	68.0	65.4	5.7	8.6	6.1	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 23C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER DROUGHT STRESS AT RIVERSIDE, CA 1/
2020-23 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	BERMUDA MITE	COLOR RATINGS								QUALITY RATINGS							
					OCTOBER	NOVEMBER	DECEMBER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
TIFTUF	6.4	6.8	6.6	8.7	6.3	7.5	6.8	5.8	5.8	6.4	6.7	7.5	6.7	6.8	6.2	5.7	6.4	6.8	6.2	6.4
OKC1876	7.1	5.9	7.0	8.3	5.3	8.5	6.2	5.3	5.7	5.8	6.4	7.4	6.4	6.2	5.6	4.6	5.8	6.4	5.2	5.9
FB 1628	8.4	6.8	6.8	8.3	6.0	7.7	5.7	5.3	5.4	6.2	6.1	6.8	6.5	6.5	5.3	4.2	5.4	6.0	5.0	5.7
CELEBRATION HYBRID (MSB-1017)	7.7	5.4	6.9	9.0	5.3	7.0	5.5	4.3	4.4	5.2	6.0	7.5	7.0	7.1	5.5	4.8	5.4	5.3	4.3	5.6
MSB-1042	6.2	5.9	7.0	9.0	5.7	6.3	5.0	4.4	4.8	5.3	6.2	7.1	6.3	5.7	4.9	4.1	5.7	5.5	4.6	5.4
FB 1902	6.8	6.9	5.6	9.0	6.0	7.5	5.5	4.7	5.1	6.0	5.3	5.8	5.2	5.0	4.6	4.3	5.3	5.6	5.0	5.2
MSB-1050	9.0	4.1	8.0	8.7	5.7	6.8	3.0	3.7	3.8	4.4	5.1	6.3	6.5	6.8	6.3	4.9	5.5	4.9	4.2	5.2
OKC1873	6.2	5.9	6.6	9.0	5.7	6.8	6.0	4.7	5.1	5.7	5.1	6.1	6.1	5.0	4.7	4.3	5.3	5.7	4.7	5.2
TAHOMA 31	8.0	5.0	6.7	8.0	4.7	4.2	3.0	3.5	3.3	4.8	5.8	6.8	6.9	6.4	5.9	4.0	5.3	4.5	3.8	5.1
TIFWAY	7.0	6.1	6.7	9.0	6.3	5.8	4.8	4.6	4.9	5.2	5.8	5.8	6.1	5.6	4.8	3.8	5.0	5.0	4.8	5.1
FB 1903	8.2	4.7	5.8	9.0	7.3	7.0	5.0	4.1	3.9	4.5	3.9	5.2	5.3	6.2	5.7	5.3	5.7	5.5	5.3	5.0
MSB-1075	9.0	4.7	6.6	5.0	6.0	7.3	5.2	3.9	4.1	4.7	5.2	5.3	5.5	5.6	5.3	4.5	5.3	5.0	4.4	4.9
MSB-1026	8.9	5.7	6.1	5.7	5.7	4.2	3.7	3.2	3.1	4.8	5.2	5.9	5.8	6.0	5.4	4.7	5.4	4.3	3.8	4.8
MSB-1048	7.6	2.9	7.0	9.0	4.3	4.8	3.0	3.3	3.1	3.8	5.0	7.3	6.8	5.8	5.2	4.2	4.9	4.3	3.7	4.8
FB 1630	7.0	6.4	5.3	8.7	4.7	6.8	4.8	4.5	4.8	5.0	4.6	5.3	5.4	5.3	4.3	3.3	4.4	4.8	4.2	4.7
OKC1682	7.8	4.8	6.8	9.0	4.0	5.2	2.7	3.5	3.4	4.3	5.9	7.6	6.9	5.3	4.3	3.2	4.3	3.9	3.3	4.7
OKC1406	6.4	4.9	6.8	8.7	4.3	4.5	3.5	3.3	3.2	4.5	5.0	5.4	5.2	5.5	4.3	3.3	3.9	4.0	3.6	4.3
LATITUDE 36	6.7	5.3	6.9	9.0	4.0	5.0	3.2	3.4	3.8	4.2	4.6	5.8	5.9	4.9	4.3	2.8	3.2	3.8	3.2	4.2
ASTRO	5.0	4.7	5.9	8.0	4.0	5.5	3.7	3.4	3.6	3.8	4.3	4.9	5.5	4.4	4.2	3.2	4.3	4.2	3.6	4.1
OKC1666	6.2	3.7	6.8	8.0	4.7	4.2	2.2	3.2	2.8	3.7	5.1	5.9	5.8	4.4	4.0	3.5	3.6	3.6	3.0	4.1
JSC 80V	5.1	4.7	6.4	8.7	4.0	3.8	2.7	3.0	2.8	3.6	4.3	5.6	5.8	4.8	4.1	3.2	3.8	3.6	3.0	4.0
JSC 77V	5.4	4.3	6.4	8.3	4.0	3.5	2.5	2.7	2.9	4.1	4.4	5.1	4.8	4.2	3.6	2.6	3.7	3.3	2.9	3.7
LSD VALUE	0.6	1.1	0.3	1.1	1.2	1.4	1.1	0.7	0.8	1.4	0.6	0.6	0.5	1.1	1.2	1.0	0.7	0.7	1.0	0.4
C.V. (%)	11.6	24.4	7.1	8.5	13.6	21.5	24.3	23.2	25.5	34.4	16.2	13.9	11.2	23.6	28.7	31.2	20.2	20.2	27.3	12.4

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

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

TABLE 23C.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER DROUGHT STRESS AT RIVERSIDE, CA 1/
2020-23 DATA

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

NAME	PERCENT GROUND COVER				% COVER DURING		PERCENT ESTABLISHMENT		FEBRUARY-MAY	
	JULY	AUGUST	SEPTEMBER	OCTOBER	RECOVERY NOVEMBER	FEBRUARY	MARCH	APRIL	MAY	
TIFTUF	73.0	92.1	77.8	69.0	72.0	93.0	91.3	99.0	99	
OKC1876	65.0	81.8	61.4	54.3	57.7	89.7	91.3	97.7	99	
FB 1628	66.1	80.6	58.8	48.2	58.5	85.0	89.7	97.7	99	
CELEBRATION HYBRID (MSB-1017)	72.7	91.6	66.4	52.8	48.2	97.7	97.7	99.0	99	
MSB-1042	60.4	81.2	53.3	37.7	49.5	92.7	89.7	96.0	99	
FB 1902	54.7	74.3	59.2	46.5	34.0	83.3	85.0	93.0	99	
MSB-1050	85.3	95.4	81.7	67.5	47.0	88.3	99.0	97.7	99	
OKC1873	53.7	71.1	49.6	37.3	50.0	88.0	91.3	97.7	99	
TAHOMA 31	70.8	86.9	60.1	39.0	43.0	81.7	80.0	86.7	99	
TIFWAY	51.6	60.8	36.9	25.5	37.3	81.7	92.7	93.0	99	
FB 1903	72.9	90.8	72.7	59.8	30.5	70.0	76.7	91.7	99	
MSB-1075	73.3	92.1	79.8	67.5	49.3	76.7	83.3	91.3	99	
MSB-1026	71.3	87.4	75.4	61.5	42.0	71.7	76.7	83.3	99	
MSB-1048	67.6	80.8	39.7	29.3	28.2	90.0	94.3	97.7	99	
FB 1630	60.3	68.6	47.2	36.0	35.7	89.7	91.3	97.7	99	
OKC1682	57.4	75.1	40.1	24.8	38.2	66.7	75.0	86.7	99	
OKC1406	60.7	64.2	43.4	32.2	29.0	75.0	76.7	85.0	99	
LATITUDE 36	56.8	59.1	28.0	16.8	14.3	91.3	84.7	97.7	99	
ASTRO	56.9	72.3	43.7	30.3	41.8	91.7	88.0	96.0	99	
OKC1666	57.8	77.1	47.4	31.8	14.5	83.3	83.3	91.3	99	
JSC 80V	56.3	72.4	33.3	18.3	25.0	83.3	81.7	86.7	99	
JSC 77V	40.2	33.0	18.4	12.2	31.8	91.3	85.0	94.3	99	
LSD VALUE	78.9	9.9	22.1	26.3	45.3	13.3	23.3	13.0	0	
C.V. (%)	57.1	15.2	44.9	54.0	67.7	8.9	11.1	6.5	0	

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

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

TABLE 24A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER DROUGHT STRESS AT COLLEGE STATION, TX 1/
2020-23 DATA

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

NAME	TURFGRASS QUALITY AND OTHER RATINGS										QUALITY RATINGS					MEAN
	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	WILTING	DORMANCY	COLOR NOVEMBER	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV		
TIFTUF	6.9	5.3	7.2	7.3	6.7	6.3	6.2	6.6	6.1	6.4	3.4	5.3	6.0	6.3	5.8	
MSB-1042	6.1	4.7	7.3	6.8	6.0	4.3	5.8	6.6	5.8	5.9	2.9	5.3	5.6	5.3	5.5	
CELEBRATION HYBRID (MSB-1017)	6.1	4.2	6.9	6.8	6.3	4.7	5.0	6.2	5.8	5.9	3.3	5.3	5.7	5.3	5.4	
FB 1628	6.9	4.6	5.5	6.8	6.7	5.0	5.2	6.2	5.7	6.1	3.0	5.3	5.1	5.7	5.4	
JSC 77V	6.4	4.7	6.3	6.5	6.0	4.7	5.4	5.8	5.8	5.8	2.9	5.1	5.3	6.0	5.3	
TAHOMA 31	6.2	4.1	6.8	6.8	6.0	3.0	5.1	6.0	5.7	6.2	3.0	4.6	4.8	5.3	5.2	
MSB-1048	7.0	4.2	6.9	6.5	5.7	4.0	4.8	6.0	5.6	5.6	2.7	4.9	5.3	5.0	5.1	
OKS2015-3	6.9	4.2	4.8	6.0	6.7	3.0	4.0	5.3	5.3	5.7	3.2	5.3	5.0	4.7	5.1	
COPPERHEAD (DLF-460/3048)	6.4	4.2	5.0	6.4	6.5	3.7	4.5	5.2	4.8	5.4	3.6	5.1	4.9	4.7	5.0	
LATITUDE 36	6.8	4.3	7.1	6.3	4.3	3.7	5.1	6.2	5.2	5.2	2.7	5.1	5.1	4.3	5.0	
MSB-1050	6.3	3.6	7.7	6.3	6.3	2.3	4.6	5.9	5.5	6.0	2.0	4.7	5.2	4.3	5.0	
OKC1682	6.3	4.9	7.3	6.3	5.0	4.0	5.0	5.6	5.1	5.5	3.1	5.2	5.3	4.0	5.0	
SUN QUEEN (PST-R6MM)	6.4	3.8	5.5	6.2	6.7	3.3	4.0	5.0	5.2	5.4	2.9	5.3	5.2	5.0	5.0	
ASTRO	6.1	4.0	5.8	6.5	4.7	4.7	4.9	5.4	5.3	5.3	2.9	4.9	5.0	5.0	4.9	
FB 1902	7.3	4.1	6.4	6.3	6.3	4.3	4.8	5.3	5.0	5.5	2.3	4.8	5.3	4.7	4.9	
TIFWAY	7.4	4.8	6.6	6.0	5.0	4.3	5.2	5.9	5.1	5.4	2.8	4.3	4.7	5.0	4.9	
FB 1903	7.5	4.4	5.5	6.5	5.3	4.7	4.8	5.3	5.1	5.3	2.9	4.4	4.8	5.3	4.8	
OKS2015-7	6.8	5.0	5.0	6.3	6.3	3.3	4.0	5.0	5.0	5.3	2.8	4.8	4.3	4.3	4.8	
JSC 2013-10S	6.6	4.3	4.7	6.2	5.5	4.0	4.0	4.8	4.7	5.3	3.2	4.9	4.9	4.3	4.7	
JSC 80V	6.4	4.8	6.8	6.0	4.7	4.3	4.9	5.3	5.1	5.2	2.3	4.6	4.6	5.0	4.7	
MSB-1075	6.7	3.3	7.2	6.7	6.3	5.7	4.3	5.6	4.8	5.2	2.9	4.3	4.4	4.7	4.7	
JSC 2013-12S	6.5	3.1	4.6	5.5	7.0	4.3	4.6	4.8	4.2	4.1	3.6	4.6	5.0	4.0	4.5	
JSC 2013-5S	6.3	3.6	5.2	6.6	6.0	3.0	4.0	4.6	4.5	4.7	2.4	4.7	4.8	4.3	4.5	
OKC1873	7.4	4.2	6.5	6.3	4.7	4.0	4.6	5.2	4.5	4.8	2.6	4.4	4.2	4.7	4.5	
JSC 2013-8S	6.4	3.2	5.2	6.0	5.7	2.7	4.0	4.3	4.4	4.8	2.5	4.3	4.3	4.3	4.4	
MONACO	7.4	3.8	5.2	6.4	6.5	2.7	3.5	4.6	4.5	4.8	2.7	4.5	4.1	4.0	4.4	
MSB-1026	6.8	3.2	6.4	6.2	6.0	2.3	4.0	5.1	4.6	4.8	2.4	4.1	4.2	3.7	4.4	
OKC1406	7.1	4.4	7.2	6.3	5.3	4.0	4.6	5.3	4.8	4.6	2.0	4.3	4.1	5.0	4.4	
OKS2015-1	7.3	3.6	4.7	6.0	6.3	3.0	3.2	4.1	4.6	4.6	3.0	4.3	4.3	3.7	4.4	
FB 1630	6.3	3.7	5.2	6.3	5.0	4.7	4.1	4.8	4.7	4.8	2.6	4.0	3.7	4.7	4.3	
JSC 2013-7S	6.7	3.3	4.8	6.0	6.5	3.0	3.3	4.7	3.9	4.8	2.8	4.6	4.4	3.7	4.3	
OKC1876	7.2	4.3	7.1	5.8	4.3	2.7	4.0	5.0	4.4	4.5	2.8	3.9	4.2	3.7	4.2	
OKC1666	6.9	4.1	7.9	5.3	3.3	3.3	4.1	5.3	4.1	4.4	2.4	3.8	3.9	3.3	4.1	
RIVIERA	7.1	3.2	4.9	6.4	6.5	3.3	2.8	3.6	3.8	4.0	2.7	4.1	4.6	3.7	4.0	
PST-R6TM	6.2	2.8	4.7	5.0	6.5	2.3	2.8	3.5	4.0	3.8	2.1	3.9	4.3	2.3	3.8	
LSD VALUE	1.3	4.4	1.0	1.6	2.3	2.1	1.8	1.0	1.2	1.1	4.2	2.6	2.8	1.7	1.6	
C.V. (%)	17.1	47.8	22.4	13.6	17.4	28.5	31.6	22.4	26.3	24.1	53.9	32.8	31.9	19.5	26.9	

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

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

TABLE 24A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER DROUGHT STRESS AT COLLEGE STATION, TX 1/
2020-23 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
LEAF FIRING WEEK 1-6

NAME	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6
TIFTUF	4.7	4.3	4.2	2.0	1.7	1.3
MSB-1042	3.5	3.0	3.0	1.0	1.0	1.0
CELEBRATION HYBRID (MSB-1017)	4.3	4.5	3.8	1.7	1.7	1.3
FB 1628	3.0	2.5	2.5	1.0	1.0	1.0
JSC 77V	3.7	2.5	2.8	1.0	1.0	1.0
TAHOMA 31	3.5	2.8	2.5	1.0	1.0	1.0
MSB-1048	4.0	3.5	2.8	1.3	1.0	1.0
OKS2015-3	5.2	3.8	3.3	1.3	1.0	1.0
COPPERHEAD (DLF-460/3048)	4.7	3.3	3.5	2.0	2.3	1.7
LATITUDE 36	3.5	2.3	2.3	1.0	1.0	1.0
MSB-1050	4.2	3.2	1.8	1.0	1.0	1.0
OKC1682	4.5	3.3	2.5	1.0	1.0	1.0
SUN QUEEN (PST-R6MM)	4.3	4.0	3.3	1.0	1.0	1.0
ASTRO	3.5	2.8	2.8	1.3	1.3	1.0
FB 1902	4.5	3.2	3.3	1.3	1.0	1.0
TIFWAY	4.2	2.8	3.3	1.7	1.7	1.3
FB 1903	4.0	3.3	3.0	1.7	1.7	1.0
OKS2015-7	4.2	3.2	2.8	1.0	1.0	1.0
JSC 2013-10S	4.5	3.8	3.3	2.0	1.7	1.3
JSC 80V	3.3	2.3	2.2	1.0	1.0	1.0
MSB-1075	3.5	3.5	3.2	1.3	1.3	1.0
JSC 2013-12S	4.4	4.2	4.2	2.0	2.0	1.0
JSC 2013-5S	3.7	3.0	3.0	1.3	1.3	1.0
OKC1873	3.5	2.8	3.0	1.7	1.3	1.0
JSC 2013-8S	4.0	3.2	2.8	1.3	1.0	1.0
MONACO	3.8	2.8	2.3	1.0	1.0	1.0
MSB-1026	4.0	2.3	2.2	1.0	1.0	1.0
OKC1406	3.2	2.0	2.3	1.0	1.0	1.0
OKS2015-1	4.5	3.3	3.3	1.7	1.7	1.0
FB 1630	2.7	1.5	2.2	1.0	1.0	1.0
JSC 2013-7S	3.8	2.8	2.7	1.3	1.0	1.0
OKC1876	2.8	2.3	2.3	1.7	1.3	1.0
OKC1666	2.5	2.2	2.0	1.0	1.0	1.0
RIVIERA	3.8	3.3	2.7	1.7	1.3	1.0
PST-R6TM	3.4	2.6	3.0	1.0	1.0	1.0
LSD VALUE	2.0	1.5	5.0	1.5	1.1	0.6
C.V. (%)	30.1	36.0	56.7	39.0	37.0	20.7

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

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

TABLE 24A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER DROUGHT STRESS AT COLLEGE STATION, TX 1/
2020-23 DATA

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

NAME	COLOR RETENTION WEEK 1-6						RECOVERY	
	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 1	WEEK 2
TIFTUF	5.8	5.2	3.8	2.3	1.7	1.3	4.2	5.3
MSB-1042	4.0	3.3	2.3	1.0	1.0	1.0	4.3	5.0
CELEBRATION HYBRID (MSB-1017)	5.0	4.5	3.2	1.7	1.7	1.3	4.8	5.2
FB 1628	4.2	4.2	2.0	1.0	1.0	1.0	3.7	4.5
JSC 77V	4.7	3.5	2.7	1.7	1.0	1.0	4.2	4.7
TAHOMA 31	3.8	4.2	2.3	1.0	1.0	1.0	3.7	4.3
MSB-1048	4.2	3.8	2.7	1.3	1.0	1.0	4.0	4.8
OKS2015-3	5.7	4.8	3.3	1.3	1.3	1.0	4.8	5.2
COPPERHEAD (DLF-460/3048)	5.5	4.7	2.8	2.0	2.0	1.7	4.3	4.7
LATITUDE 36	4.8	4.5	2.5	1.0	1.0	1.0	3.7	4.2
MSB-1050	4.0	3.3	1.8	1.3	1.0	1.0	3.3	4.0
OKC1682	4.2	4.0	2.3	1.0	1.0	1.0	4.8	5.5
SUN QUEEN (PST-R6MM)	5.3	4.5	2.7	1.0	1.0	1.0	4.8	5.0
ASTRO	4.5	3.8	2.3	1.7	1.3	1.0	4.2	4.5
FB 1902	5.8	5.2	2.3	1.0	1.0	1.0	4.5	4.8
TIFWAY	5.2	4.7	3.3	1.7	2.0	1.3	3.5	3.7
FB 1903	5.2	4.5	3.5	1.7	1.3	1.0	3.3	3.3
OKS2015-7	5.0	4.7	2.3	1.0	1.0	1.0	4.0	3.8
JSC 2013-10S	5.5	4.8	2.7	2.0	1.7	1.3	5.7	5.0
JSC 80V	4.5	4.3	2.5	1.0	1.0	1.0	3.8	4.0
MSB-1075	4.2	4.3	2.3	1.0	1.3	1.0	3.5	3.5
JSC 2013-12S	5.0	4.4	3.6	2.0	2.0	1.0	4.6	5.2
JSC 2013-5S	4.7	4.2	2.0	1.3	1.3	1.0	4.2	4.5
OKC1873	5.5	4.5	2.7	1.3	1.3	1.0	2.7	3.7
JSC 2013-8S	4.0	3.5	2.3	1.7	1.3	1.0	3.8	4.7
MONACO	5.2	4.3	2.3	1.0	1.0	1.0	2.7	3.5
MSB-1026	6.0	4.8	2.0	1.0	1.0	1.0	3.2	3.5
OKC1406	5.3	4.0	2.2	1.0	1.0	1.0	2.7	3.3
OKS2015-1	5.5	5.0	3.0	1.7	1.7	1.0	3.2	3.8
FB 1630	4.0	4.0	2.0	1.0	1.0	1.0	2.3	3.0
JSC 2013-7S	4.7	4.2	2.2	1.3	1.3	1.0	4.3	4.3
OKC1876	5.0	4.5	2.5	1.7	1.3	1.0	2.5	2.8
OKC1666	3.8	3.8	1.7	1.0	1.0	1.0	2.0	3.2
RIVIERA	4.8	4.7	3.0	2.0	1.3	1.0	3.5	3.5
PST-R6TM	4.6	3.8	2.0	1.0	1.0	1.0	3.6	3.4
LSD VALUE	6.1	8.7	3.2	1.3	1.3	0.6	1.8	1.3
C.V. (%)	39.6	51.3	49.7	39.1	36.4	20.7	34.6	25.0

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 24B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER DROUGHT STRESS AT COLLEGE STATION, TX 1/
2020-23 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	WILTING	DORMANCY	COLOR NOVEMBER	APR	MAY	JUN	JUL	QUALITY RATINGS				MEAN
											AUG	SEP	OCT	NOV	
OKS2015-3	6.9	4.2	4.8	6.0	6.7	3.0	4.0	5.3	5.3	5.7	3.2	5.3	5.0	4.7	5.1
COPPERHEAD (DLF-460/3048)	6.4	4.2	5.0	6.4	6.5	3.7	4.5	5.2	4.8	5.4	3.6	5.1	4.9	4.7	5.0
SUN QUEEN (PST-R6MM)	6.4	3.8	5.5	6.2	6.7	3.3	4.0	5.0	5.2	5.4	2.9	5.3	5.2	5.0	5.0
OKS2015-7	6.8	5.0	5.0	6.3	6.3	3.3	4.0	5.0	5.0	5.3	2.8	4.8	4.3	4.3	4.8
JSC 2013-10S	6.6	4.3	4.7	6.2	5.5	4.0	4.0	4.8	4.7	5.3	3.2	4.9	4.9	4.3	4.7
JSC 2013-12S	6.5	3.1	4.6	5.5	7.0	4.3	4.6	4.8	4.2	4.1	3.6	4.6	5.0	4.0	4.5
JSC 2013-5S	6.3	3.6	5.2	6.6	6.0	3.0	4.0	4.6	4.5	4.7	2.4	4.7	4.8	4.3	4.5
JSC 2013-8S	6.4	3.2	5.2	6.0	5.7	2.7	4.0	4.3	4.4	4.8	2.5	4.3	4.3	4.3	4.4
MONACO	7.4	3.8	5.2	6.4	6.5	2.7	3.5	4.6	4.5	4.8	2.7	4.5	4.1	4.0	4.4
OKS2015-1	7.3	3.6	4.7	6.0	6.3	3.0	3.2	4.1	4.6	4.6	3.0	4.3	4.3	3.7	4.4
JSC 2013-7S	6.7	3.3	4.8	6.0	6.5	3.0	3.3	4.7	3.9	4.8	2.8	4.6	4.4	3.7	4.3
RIVIERA	7.1	3.2	4.9	6.4	6.5	3.3	2.8	3.6	3.8	4.0	2.7	4.1	4.6	3.7	4.0
PST-R6TM	6.2	2.8	4.7	5.0	6.5	2.3	2.8	3.5	4.0	3.8	2.1	3.9	4.3	2.3	3.8
LSD VALUE	1.7	2.8	3.0	2.3	3.3	2.8	2.1	1.8	1.9	1.4	2.8	2.0	3.0	2.8	1.9
C.V. (%)	18.7	46.9	32.3	17.0	14.1	31.7	31.0	29.0	31.4	28.0	51.9	31.1	32.1	26.5	29.3

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 24B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER DROUGHT STRESS AT COLLEGE STATION, TX 1/
2020-23 DATA

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

LEAF FIRING WEEK 1-6

NAME	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6
OXS2015-3	5.2	3.8	3.3	1.3	1.0	1.0
COPPERHEAD (DLF-460/3048)	4.7	3.3	3.5	2.0	2.3	1.7
SUN QUEEN (PST-R6MM)	4.3	4.0	3.3	1.0	1.0	1.0
OXS2015-7	4.2	3.2	2.8	1.0	1.0	1.0
JSC 2013-10S	4.5	3.8	3.3	2.0	1.7	1.3
JSC 2013-12S	4.4	4.2	4.2	2.0	2.0	1.0
JSC 2013-5S	3.7	3.0	3.0	1.3	1.3	1.0
JSC 2013-8S	4.0	3.2	2.8	1.3	1.0	1.0
MONACO	3.8	2.8	2.3	1.0	1.0	1.0
OXS2015-1	4.5	3.3	3.3	1.7	1.7	1.0
JSC 2013-7S	3.8	2.8	2.7	1.3	1.0	1.0
RIVIERA	3.8	3.3	2.7	1.7	1.3	1.0
PST-R6TM	3.4	2.6	3.0	1.0	1.0	1.0
LSD VALUE	2.2	2.7	4.2	1.5	0.7	0.5
C.V. (%)	26.5	37.3	55.1	39.1	28.4	21.2

- 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 24B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEDED) CULTIVARS
GROWN UNDER DROUGHT STRESS AT COLLEGE STATION, TX 1/
2020-23 DATA

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

NAME	COLOR RETENTION WEEK 1-6						RECOVERY	
	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 1	WEEK 2
OKS2015-3	5.7	4.8	3.3	1.3	1.3	1.0	4.8	5.2
COPPERHEAD (DLF-460/3048)	5.5	4.7	2.8	2.0	2.0	1.7	4.3	4.7
SUN QUEEN (PST-R6MM)	5.3	4.5	2.7	1.0	1.0	1.0	4.8	5.0
OKS2015-7	5.0	4.7	2.3	1.0	1.0	1.0	4.0	3.8
JSC 2013-10S	5.5	4.8	2.7	2.0	1.7	1.3	5.7	5.0
JSC 2013-12S	5.0	4.4	3.6	2.0	2.0	1.0	4.6	5.2
JSC 2013-5S	4.7	4.2	2.0	1.3	1.3	1.0	4.2	4.5
JSC 2013-8S	4.0	3.5	2.3	1.7	1.3	1.0	3.8	4.7
MONACO	5.2	4.3	2.3	1.0	1.0	1.0	2.7	3.5
OKS2015-1	5.5	5.0	3.0	1.7	1.7	1.0	3.2	3.8
JSC 2013-7S	4.7	4.2	2.2	1.3	1.3	1.0	4.3	4.3
RIVIERA	4.8	4.7	3.0	2.0	1.3	1.0	3.5	3.5
PST-R6TM	4.6	3.8	2.0	1.0	1.0	1.0	3.6	3.4
LSD VALUE	4.4	5.9	2.2	1.2	0.9	0.5	1.9	1.6
C.V. (%)	35.3	50.3	42.7	34.9	28.8	21.2	31.2	24.5

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 24C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER DROUGHT STRESS AT COLLEGE STATION, TX 1/
2020-23 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	WILTING	DORMANCY	COLOR					QUALITY RATINGS					MEAN
						NOVEMBER	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV		
TIFTUF	6.9	5.3	7.2	7.3	6.7	6.3	6.2	6.6	6.1	6.4	3.4	5.3	6.0	6.3	5.8	
MSB-1042	6.1	4.7	7.3	6.8	6.0	4.3	5.8	6.6	5.8	5.9	2.9	5.3	5.6	5.3	5.5	
CELEBRATION HYBRID (MSB-1017)	6.1	4.2	6.9	6.8	6.3	4.7	5.0	6.2	5.8	5.9	3.3	5.3	5.7	5.3	5.4	
FB 1628	6.9	4.6	5.5	6.8	6.7	5.0	5.2	6.2	5.7	6.1	3.0	5.3	5.1	5.7	5.4	
JSC 77V	6.4	4.7	6.3	6.5	6.0	4.7	5.4	5.8	5.8	5.8	2.9	5.1	5.3	6.0	5.3	
TAHOMA 31	6.2	4.1	6.8	6.8	6.0	3.0	5.1	6.0	5.7	6.2	3.0	4.6	4.8	5.3	5.2	
MSB-1048	7.0	4.2	6.9	6.5	5.7	4.0	4.8	6.0	5.6	5.6	2.7	4.9	5.3	5.0	5.1	
LATITUDE 36	6.8	4.3	7.1	6.3	4.3	3.7	5.1	6.2	5.2	5.2	2.7	5.1	5.1	4.3	5.0	
MSB-1050	6.3	3.6	7.7	6.3	6.3	2.3	4.6	5.9	5.5	6.0	2.0	4.7	5.2	4.3	5.0	
OKC1682	6.3	4.9	7.3	6.3	5.0	4.0	5.0	5.6	5.1	5.5	3.1	5.2	5.3	4.0	5.0	
ASTRO	6.1	4.0	5.8	6.5	4.7	4.7	4.9	5.4	5.3	5.3	2.9	4.9	5.0	5.0	4.9	
FB 1902	7.3	4.1	6.4	6.3	6.3	4.3	4.8	5.3	5.0	5.5	2.3	4.8	5.3	4.7	4.9	
TIFWAY	7.4	4.8	6.6	6.0	5.0	4.3	5.2	5.9	5.1	5.4	2.8	4.3	4.7	5.0	4.9	
FB 1903	7.5	4.4	5.5	6.5	5.3	4.7	4.8	5.3	5.1	5.3	2.9	4.4	4.8	5.3	4.8	
JSC 80V	6.4	4.8	6.8	6.0	4.7	4.3	4.9	5.3	5.1	5.2	2.3	4.6	4.6	5.0	4.7	
MSB-1075	6.7	3.3	7.2	6.7	6.3	5.7	4.3	5.6	4.8	5.2	2.9	4.3	4.4	4.7	4.7	
OKC1873	7.4	4.2	6.5	6.3	4.7	4.0	4.6	5.2	4.5	4.8	2.6	4.4	4.2	4.7	4.5	
MSB-1026	6.8	3.2	6.4	6.2	6.0	2.3	4.0	5.1	4.6	4.8	2.4	4.1	4.2	3.7	4.4	
OKC1406	7.1	4.4	7.2	6.3	5.3	4.0	4.6	5.3	4.8	4.6	2.0	4.3	4.1	5.0	4.4	
FB 1630	6.3	3.7	5.2	6.3	5.0	4.7	4.1	4.8	4.7	4.8	2.6	4.0	3.7	4.7	4.3	
OKC1876	7.2	4.3	7.1	5.8	4.3	2.7	4.0	5.0	4.4	4.5	2.8	3.9	4.2	3.7	4.2	
OKC1666	6.9	4.1	7.9	5.3	3.3	3.3	4.1	5.3	4.1	4.4	2.4	3.8	3.9	3.3	4.1	
LSD VALUE	1.1	4.8	1.0	1.2	2.1	1.9	2.5	1.1	1.2	1.1	3.6	2.4	2.3	1.4	1.5	
C.V. (%)	16.2	48.1	17.8	11.7	18.7	24.2	31.5	19.9	23.6	22.0	55.4	33.8	31.9	15.9	25.6	

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

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

TABLE 24C.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER DROUGHT STRESS AT COLLEGE STATION, TX 1/
2020-23 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/
LEAF FIRING WEEK 1-6

NAME	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6
TIFTUF	4.7	4.3	4.2	2.0	1.7	1.3
MSB-1042	3.5	3.0	3.0	1.0	1.0	1.0
CELEBRATION HYBRID (MSB-1017)	4.3	4.5	3.8	1.7	1.7	1.3
FB 1628	3.0	2.5	2.5	1.0	1.0	1.0
JSC 77V	3.7	2.5	2.8	1.0	1.0	1.0
TAHOMA 31	3.5	2.8	2.5	1.0	1.0	1.0
MSB-1048	4.0	3.5	2.8	1.3	1.0	1.0
LATITUDE 36	3.5	2.3	2.3	1.0	1.0	1.0
MSB-1050	4.2	3.2	1.8	1.0	1.0	1.0
OKC1682	4.5	3.3	2.5	1.0	1.0	1.0
ASTRO	3.5	2.8	2.8	1.3	1.3	1.0
FB 1902	4.5	3.2	3.3	1.3	1.0	1.0
TIFWAY	4.2	2.8	3.3	1.7	1.7	1.3
FB 1903	4.0	3.3	3.0	1.7	1.7	1.0
JSC 80V	3.3	2.3	2.2	1.0	1.0	1.0
MSB-1075	3.5	3.5	3.2	1.3	1.3	1.0
OKC1873	3.5	2.8	3.0	1.7	1.3	1.0
MSB-1026	4.0	2.3	2.2	1.0	1.0	1.0
OKC1406	3.2	2.0	2.3	1.0	1.0	1.0
FB 1630	2.7	1.5	2.2	1.0	1.0	1.0
OKC1876	2.8	2.3	2.3	1.7	1.3	1.0
OKC1666	2.5	2.2	2.0	1.0	1.0	1.0
LSD VALUE	2.0	1.2	3.9	1.4	1.6	0.7
C.V. (%)	32.5	34.8	57.9	39.8	42.3	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 24C.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER DROUGHT STRESS AT COLLEGE STATION, TX 1/
2020-23 DATA

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

NAME	COLOR RETENTION WEEK 1-6						RECOVERY	
	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 1	WEEK 2
TIFTUF	5.8	5.2	3.8	2.3	1.7	1.3	4.2	5.3
MSB-1042	4.0	3.3	2.3	1.0	1.0	1.0	4.3	5.0
CELEBRATION HYBRID (MSB-1017)	5.0	4.5	3.2	1.7	1.7	1.3	4.8	5.2
FB 1628	4.2	4.2	2.0	1.0	1.0	1.0	3.7	4.5
JSC 77V	4.7	3.5	2.7	1.7	1.0	1.0	4.2	4.7
TAHOMA 31	3.8	4.2	2.3	1.0	1.0	1.0	3.7	4.3
MSB-1048	4.2	3.8	2.7	1.3	1.0	1.0	4.0	4.8
LATITUDE 36	4.8	4.5	2.5	1.0	1.0	1.0	3.7	4.2
MSB-1050	4.0	3.3	1.8	1.3	1.0	1.0	3.3	4.0
OKC1682	4.2	4.0	2.3	1.0	1.0	1.0	4.8	5.5
ASTRO	4.5	3.8	2.3	1.7	1.3	1.0	4.2	4.5
FB 1902	5.8	5.2	2.3	1.0	1.0	1.0	4.5	4.8
TIFWAY	5.2	4.7	3.3	1.7	2.0	1.3	3.5	3.7
FB 1903	5.2	4.5	3.5	1.7	1.3	1.0	3.3	3.3
JSC 80V	4.5	4.3	2.5	1.0	1.0	1.0	3.8	4.0
MSB-1075	4.2	4.3	2.3	1.0	1.3	1.0	3.5	3.5
OKC1873	5.5	4.5	2.7	1.3	1.3	1.0	2.7	3.7
MSB-1026	6.0	4.8	2.0	1.0	1.0	1.0	3.2	3.5
OKC1406	5.3	4.0	2.2	1.0	1.0	1.0	2.7	3.3
FB 1630	4.0	4.0	2.0	1.0	1.0	1.0	2.3	3.0
OKC1876	5.0	4.5	2.5	1.7	1.3	1.0	2.5	2.8
OKC1666	3.8	3.8	1.7	1.0	1.0	1.0	2.0	3.2
LSD VALUE	5.2	7.0	3.0	1.4	1.4	0.7	1.9	1.3
C.V. (%)	42.4	52.3	53.0	42.7	39.6	20.4	37.0	25.6

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

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

TABLE 25A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER SHADE AT COLLEGE STATION, TX 1/
2020-23 DATA

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

NAME	QUALITY RATINGS												
	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	COLOR NOVEMBER	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
MSB-1050	7.2	3.3	7.2	8.0	4.7	5.6	5.8	5.6	5.3	5.3	5.5	6.2	5.5
CELEBRATION HYBRID (MSB-1017)	6.2	4.3	7.2	7.0	5.0	5.6	5.3	5.6	5.3	5.5	5.4	6.0	5.4
MSB-1075	6.9	3.0	6.5	8.0	5.7	5.3	5.3	5.8	5.6	5.0	5.3	6.2	5.4
TAHOMA 31	6.5	3.8	6.6	7.0	3.5	4.6	4.8	5.6	5.1	5.3	5.3	6.2	5.1
TIFTUF	5.9	3.7	7.2	7.3	5.2	5.2	4.7	5.5	4.8	4.4	5.1	6.7	5.0
FB 1628	6.8	3.4	5.9	7.0	3.8	5.1	4.5	5.2	4.7	4.8	5.3	6.5	4.9
MSB-1048	5.8	2.6	7.1	7.3	4.8	5.2	4.8	5.3	4.8	4.7	4.9	5.5	4.9
OKC1406	7.0	3.6	6.6	7.0	4.5	4.8	4.4	5.1	4.6	4.9	5.0	6.0	4.8
JSC 2013-12S	6.5	2.6	6.4	7.0	4.4	4.1	4.4	4.8	4.7	4.5	4.9	5.7	4.6
JSC 80V	6.4	3.8	6.9	7.0	4.0	4.2	4.5	4.8	4.4	4.6	4.8	5.3	4.6
OKC1682	6.5	2.9	6.9	6.7	3.8	5.0	4.6	4.9	4.5	4.4	4.8	5.2	4.6
JSC 77V	6.8	4.1	6.8	6.7	4.5	4.6	4.3	4.8	4.4	4.0	4.3	6.5	4.5
JSC 2013-10S	5.8	2.9	4.8	7.0	3.6	4.0	4.0	4.5	4.5	4.4	4.8	5.7	4.4
LATITUDE 36	6.7	3.1	7.3	6.7	3.2	4.4	4.1	4.9	4.5	4.4	4.5	5.8	4.4
MSB-1026	6.4	2.1	5.8	6.3	3.8	4.4	4.1	4.5	4.1	4.5	4.0	5.3	4.3
MSB-1042	6.2	3.7	7.4	7.0	3.3	4.2	4.2	4.6	4.0	4.2	4.6	5.5	4.3
OKC1666	6.4	3.3	7.6	6.7	4.2	4.0	4.1	4.6	4.3	4.3	4.4	5.7	4.3
FB 1630	6.9	3.1	6.5	7.0	3.2	4.3	3.6	4.8	4.3	3.8	4.0	6.0	4.2
JSC 2013-8S	6.3	2.6	5.9	6.7	3.4	3.9	3.6	4.4	4.1	3.9	4.3	5.3	4.1
MONACO	6.5	3.2	5.6	7.3	4.0	3.5	3.6	4.4	4.0	4.3	4.4	5.2	4.1
OKC1876	6.8	2.3	7.1	6.7	3.2	4.1	3.8	4.2	4.0	4.4	4.2	5.3	4.1
ASTRO	5.4	3.0	6.0	6.3	2.8	4.4	3.7	4.2	4.3	4.1	4.1	5.0	4.0
OKS2015-7	6.4	2.3	5.3	6.7	3.3	3.5	3.4	3.9	3.8	4.2	4.1	5.0	3.9
OKS2015-1	6.4	2.4	5.2	6.3	2.7	2.5	3.6	4.2	3.8	4.0	3.8	5.0	3.8
RIVIERA	6.1	2.6	6.3	7.0	3.7	2.9	3.8	3.8	3.8	3.8	4.0	5.3	3.8
SUN QUEEN (PST-R6MM)	5.8	2.8	6.3	6.3	3.2	3.8	3.4	3.9	3.8	3.8	4.2	5.2	3.8
TIFWAY	6.8	2.8	7.3	5.7	3.0	3.9	3.6	3.9	3.8	4.2	3.9	4.3	3.8
COPPERHEAD (DLF-460/3048)	6.4	2.2	6.2	6.7	3.0	3.1	3.7	4.1	3.8	3.5	4.0	4.2	3.7
JSC 2013-5S	6.5	3.3	5.8	7.0	3.2	3.1	3.2	3.6	3.6	3.8	3.9	5.2	3.7
JSC 2013-7S	6.5	2.8	6.0	7.0	2.8	3.6	3.5	3.6	3.8	4.2	4.0	4.5	3.7
OKS2015-3	6.8	3.2	5.6	7.0	3.7	3.7	3.5	4.1	3.4	3.5	3.5	5.5	3.7
FB 1902	6.7	2.7	6.1	7.3	2.0	3.7	3.5	3.3	3.3	3.0	3.5	4.2	3.3
FB 1903	7.0	2.6	5.4	7.0	2.5	3.3	3.4	3.7	3.6	3.1	3.1	4.3	3.3
OKC1873	6.1	2.5	6.5	6.3	1.8	3.6	3.5	3.3	3.4	2.9	3.2	4.3	3.2
PST-R6TM	5.6	2.3	5.3	6.3	2.2	3.1	3.0	3.4	3.4	3.1	3.5	3.7	3.2
LSD VALUE	1.5	2.4	0.7	1.9	2.2	2.4	1.9	1.4	2.0	1.2	2.0	3.7	1.4
C.V. (%)	18.3	47.3	14.6	9.9	40.9	41.5	41.5	33.8	38.1	32.2	38.9	31.0	33.2

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 25B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER SHADE AT COLLEGE STATION, TX 1/
2020-23 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	COLOR NOVEMBER	QUALITY RATINGS								MEAN
					APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
JSC 2013-12S	6.5	2.6	6.4	7.0	4.4	4.1	4.4	4.8	4.7	4.5	4.9	5.7	4.6
JSC 2013-10S	5.8	2.9	4.8	7.0	3.6	4.0	4.0	4.5	4.5	4.4	4.8	5.7	4.4
JSC 2013-8S	6.3	2.6	5.9	6.7	3.4	3.9	3.6	4.4	4.1	3.9	4.3	5.3	4.1
MONACO	6.5	3.2	5.6	7.3	4.0	3.5	3.6	4.4	4.0	4.3	4.4	5.2	4.1
OKS2015-7	6.4	2.3	5.3	6.7	3.3	3.5	3.4	3.9	3.8	4.2	4.1	5.0	3.9
OKS2015-1	6.4	2.4	5.2	6.3	2.7	2.5	3.6	4.2	3.8	4.0	3.8	5.0	3.8
RIVIERA	6.1	2.6	6.3	7.0	3.7	2.9	3.8	3.8	3.8	3.8	4.0	5.3	3.8
SUN QUEEN (PST-R6MM)	5.8	2.8	6.3	6.3	3.2	3.8	3.4	3.9	3.8	3.8	4.2	5.2	3.8
COPPERHEAD (DLF-460/3048)	6.4	2.2	6.2	6.7	3.0	3.1	3.7	4.1	3.8	3.5	4.0	4.2	3.7
JSC 2013-5S	6.5	3.3	5.8	7.0	3.2	3.1	3.2	3.6	3.6	3.8	3.9	5.2	3.7
JSC 2013-7S	6.5	2.8	6.0	7.0	2.8	3.6	3.5	3.6	3.8	4.2	4.0	4.5	3.7
OKS2015-3	6.8	3.2	5.6	7.0	3.7	3.7	3.5	4.1	3.4	3.5	3.5	5.5	3.7
PST-R6TM	5.6	2.3	5.3	6.3	2.2	3.1	3.0	3.4	3.4	3.1	3.5	3.7	3.2
LSD VALUE	1.5	2.2	0.9	1.6	2.6	3.0	2.9	2.4	2.5	2.2	3.0	3.6	2.3
C.V. (%)	17.2	43.5	17.7	8.5	38.1	43.9	45.9	37.8	39.1	36.5	43.2	33.3	36.3

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 25C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER SHADE AT COLLEGE STATION, TX 1/
2020-23 DATA

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

NAME	QUALITY RATINGS												MEAN
	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	COLOR NOVEMBER	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
MSB-1050	7.2	3.3	7.2	8.0	4.7	5.6	5.8	5.6	5.3	5.3	5.5	6.2	5.5
CELEBRATION HYBRID (MSB-1017)	6.2	4.3	7.2	7.0	5.0	5.6	5.3	5.6	5.3	5.5	5.4	6.0	5.4
MSB-1075	6.9	3.0	6.5	8.0	5.7	5.3	5.3	5.8	5.6	5.0	5.3	6.2	5.4
TAHOMA 31	6.5	3.8	6.6	7.0	3.5	4.6	4.8	5.6	5.1	5.3	5.3	6.2	5.1
TIFTUF	5.9	3.7	7.2	7.3	5.2	5.2	4.7	5.5	4.8	4.4	5.1	6.7	5.0
FB 1628	6.8	3.4	5.9	7.0	3.8	5.1	4.5	5.2	4.7	4.8	5.3	6.5	4.9
MSB-1048	5.8	2.6	7.1	7.3	4.8	5.2	4.8	5.3	4.8	4.7	4.9	5.5	4.9
OKC1406	7.0	3.6	6.6	7.0	4.5	4.8	4.4	5.1	4.6	4.9	5.0	6.0	4.8
JSC 80V	6.4	3.8	6.9	7.0	4.0	4.2	4.5	4.8	4.4	4.6	4.8	5.3	4.6
OKC1682	6.5	2.9	6.9	6.7	3.8	5.0	4.6	4.9	4.5	4.4	4.8	5.2	4.6
JSC 77V	6.8	4.1	6.8	6.7	4.5	4.6	4.3	4.8	4.4	4.0	4.3	6.5	4.5
LATITUDE 36	6.7	3.1	7.3	6.7	3.2	4.4	4.1	4.9	4.5	4.4	4.5	5.8	4.4
MSB-1026	6.4	2.1	5.8	6.3	3.8	4.4	4.1	4.5	4.1	4.5	4.0	5.3	4.3
MSB-1042	6.2	3.7	7.4	7.0	3.3	4.2	4.2	4.6	4.0	4.2	4.6	5.5	4.3
OKC1666	6.4	3.3	7.6	6.7	4.2	4.0	4.1	4.6	4.3	4.3	4.4	5.7	4.3
FB 1630	6.9	3.1	6.5	7.0	3.2	4.3	3.6	4.8	4.3	3.8	4.0	6.0	4.2
OKC1876	6.8	2.3	7.1	6.7	3.2	4.1	3.8	4.2	4.0	4.4	4.2	5.3	4.1
ASTRO	5.4	3.0	6.0	6.3	2.8	4.4	3.7	4.2	4.3	4.1	4.1	5.0	4.0
TIFWAY	6.8	2.8	7.3	5.7	3.0	3.9	3.6	3.9	3.8	4.2	3.9	4.3	3.8
FB 1902	6.7	2.7	6.1	7.3	2.0	3.7	3.5	3.3	3.3	3.0	3.5	4.2	3.3
FB 1903	7.0	2.6	5.4	7.0	2.5	3.3	3.4	3.7	3.6	3.1	3.1	4.3	3.3
OKC1873	6.1	2.5	6.5	6.3	1.8	3.6	3.5	3.3	3.4	2.9	3.2	4.3	3.2
LSD VALUE	1.5	2.5	0.7	1.9	2.3	3.4	1.9	1.4	2.0	1.1	1.7	3.3	1.3
C.V. (%)	18.8	48.1	13.0	10.8	41.9	40.4	39.4	31.6	37.6	29.9	36.6	30.0	31.6

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 26A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER SALINE IRRIGATION AT LAS CRUCES, NM 1/
2020, 2022-23 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	PERCENT GROUND COVER			QUALITY RATINGS									MEAN
				SPRING	SUMMER	FALL	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV		
TIFTUF	6.6	4.7	6.6	72.8	96.3	60.2	7.5	8.0	8.3	8.6	8.3	7.8	7.9	5.3	8.0	
TAHOMA 31	5.7	4.9	5.7	66.6	89.2	72.2	6.5	8.0	8.4	8.9	8.4	6.7	7.1	6.0	7.8	
MSB-1048	8.0	4.7	6.7	61.2	94.2	82.2	5.2	7.7	8.6	8.4	8.4	7.3	7.2	5.7	7.6	
TIFWAY	7.8	5.4	7.0	67.8	94.6	79.8	6.8	7.7	8.3	8.6	7.9	7.2	7.1	4.3	7.6	
CELEBRATION HYBRID (MSB-1017)	7.0	5.2	6.3	71.2	94.2	81.6	6.8	7.3	8.3	8.2	8.0	7.7	6.8	5.3	7.5	
FB 1628	5.7	5.1	6.0	60.4	87.2	79.0	6.5	7.8	8.2	8.2	7.6	7.7	6.8	5.0	7.5	
FB 1903	5.3	4.3	5.0	63.8	86.6	79.1	6.8	7.1	8.1	8.3	7.9	7.3	7.3	4.7	7.5	
LATITUDE 36	7.3	5.2	6.7	75.4	91.7	69.8	6.3	7.6	8.4	8.4	7.4	7.2	6.6	4.7	7.4	
OKC1876	7.3	5.1	6.7	60.6	93.3	78.2	6.7	6.8	8.0	8.2	8.0	7.8	7.1	5.7	7.4	
COPPERHEAD (DLF-460/3048)	6.0	4.2	6.0	55.0	92.9	78.4	5.8	7.2	8.0	8.1	8.1	7.0	7.2	6.7	7.3	
MONACO	5.7	4.8	5.0	69.7	87.0	78.1	6.5	7.4	7.6	7.9	8.0	7.2	7.0	6.3	7.3	
FB 1902	8.7	6.0	8.0	78.7	87.9	84.8	6.3	7.4	7.6	8.0	7.3	6.7	7.2	5.0	7.2	
JSC 2013-5S	6.3	4.7	5.7	67.2	90.9	77.2	6.3	7.0	7.6	7.9	8.1	7.3	7.2	6.3	7.2	
MSB-1042	5.3	4.0	5.7	50.1	91.8	60.0	6.2	7.3	8.1	8.1	7.4	6.5	6.6	4.3	7.2	
MSB-1075	8.0	4.7	6.7	59.2	93.4	74.9	4.5	6.7	8.0	8.3	7.9	7.0	7.0	4.0	7.1	
OKC1682	6.7	4.2	6.0	62.1	94.3	65.6	4.8	7.6	8.3	8.3	7.8	5.8	6.0	5.0	7.1	
OKS2015-1	5.7	3.8	5.7	67.2	87.8	76.2	5.3	7.0	7.2	7.8	7.9	7.2	7.0	7.3	7.1	
JSC 2013-8S	6.3	5.0	5.7	78.2	88.1	79.8	6.0	7.1	7.2	7.8	7.8	6.7	6.6	5.0	7.0	
MSB-1026	9.0	4.4	7.0	63.7	91.6	79.4	4.5	7.3	8.2	8.3	7.4	6.3	6.1	4.3	7.0	
OKC1406	6.7	4.8	6.0	60.1	88.4	60.9	5.3	7.9	7.3	8.1	7.4	7.0	6.0	6.3	7.0	
OKS2015-7	6.7	4.6	6.0	76.3	91.1	81.8	6.0	6.8	7.1	7.7	8.0	6.7	7.0	7.0	7.0	
SUN QUEEN (PST-R6MM)	5.0	4.4	4.7	62.1	84.3	76.9	6.3	7.0	7.8	8.2	7.6	6.8	6.6	3.3	7.0	
JSC 2013-10S	6.3	5.2	5.3	72.2	88.1	79.4	6.5	7.2	7.3	7.4	7.3	5.7	6.4	3.7	6.9	
JSC 80V	8.7	5.2	7.0	69.0	91.4	78.4	5.8	6.9	7.4	8.0	7.6	6.5	6.2	7.3	6.9	
MSB-1050	6.0	4.9	5.7	60.3	87.0	72.1	5.5	6.2	7.7	7.9	7.8	6.7	6.8	3.3	6.9	
OKC1873	7.7	5.1	7.0	64.8	87.8	56.1	5.7	6.4	7.2	7.9	7.6	7.3	6.6	5.0	6.9	
PST-R6TM	6.1	4.5	6.1	58.6	90.9	83.1	6.6	6.9	7.5	8.0	7.4	6.8	6.1	4.0	6.9	
RIVIERA	6.3	5.0	6.0	75.8	92.7	81.6	6.2	7.2	7.1	7.6	7.6	6.0	6.6	4.7	6.9	
JSC 2013-7S	5.3	4.6	5.0	71.8	86.9	73.6	5.5	6.2	7.0	7.9	7.4	6.5	6.6	5.3	6.7	
ASTRO	7.0	5.0	6.0	68.4	89.4	75.1	5.5	6.6	7.4	7.6	7.1	5.8	6.1	5.7	6.6	
JSC 2013-12S	6.7	4.6	6.0	70.9	92.9	81.2	6.0	6.6	7.1	7.7	7.6	5.8	6.0	3.0	6.6	
OKS2015-3	5.7	4.4	5.7	73.3	90.3	71.8	5.3	6.4	7.2	7.9	7.3	6.2	5.9	4.0	6.6	
FB 1630	7.0	5.1	6.0	51.1	85.9	76.2	5.5	6.1	7.1	7.3	6.9	7.0	5.9	5.0	6.4	
JSC 77V	6.3	4.9	6.0	64.2	88.6	53.6	5.5	6.8	7.1	7.3	6.6	5.2	5.4	5.3	6.4	
OKC1666	7.0	3.8	6.0	52.3	91.8	53.4	4.5	6.7	7.4	7.8	6.9	5.0	5.0	5.3	6.3	
LSD VALUE	0.7	4.1	0.6	68.1	20.2	27.4	1.9	1.9	1.1	1.4	3.4	3.9	2.8	4.7	2.1	
C.V. (%)	13.1	34.4	11.9	40.6	10.2	27.5	21.5	18.0	13.1	11.3	18.6	24.7	24.3	32.1	15.8	

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 26A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER SALINE IRRIGATION AT LAS CRUCES, NM 1/
2020, 2022-23 DATA

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

NAME	COLOR	COLOR	COLOR	COLOR	COLOR	COLOR	PERCENT ESTABLISHMENT				
	SEPTEMBER	OCTOBER	NOVEMBER	SPRING	SUMMER	FALL	JULY 25	AUG 22	SEPT 11	SEPT 26	OCT 9
TIFTUF	2.3	1.7	1.3	5.0	5.5	6.0	46.0	70.7	77.3	59.3	60.3
TAHOMA 31	5.3	4.7	4.3	5.5	5.8	5.8	45.0	55.0	58.0	68.3	72.0
MSB-1048	7.7	7.3	6.7	6.2	5.7	6.3	15.7	47.0	68.3	73.0	73.3
TIFWAY	6.0	6.7	6.7	5.3	6.3	7.2	37.0	84.7	82.0	91.7	95.0
CELEBRATION HYBRID (MSB-1017)	6.7	7.0	7.0	5.8	6.0	6.8	31.7	78.7	84.0	69.7	66.3
FB 1628	6.3	6.0	6.0	6.2	7.8	8.0	34.0	81.0	86.7	92.0	89.0
FB 1903	5.7	5.0	4.7	6.2	7.2	7.2	82.0	89.7	90.0	63.3	80.7
LATITUDE 36	6.0	6.3	7.0	4.7	5.2	6.3	50.3	84.7	87.7	91.7	95.7
OKC1876	6.3	5.7	5.0	5.7	6.7	6.7	32.0	64.0	83.3	88.7	90.3
COPPERHEAD (DLF-460/3048)	6.3	6.7	5.0	4.5	6.5	7.0	81.3	84.7	90.7	83.0	80.3
MONACO	6.3	5.0	5.0	5.0	6.0	6.7	44.7	72.7	84.3	82.3	87.7
FB 1902	7.0	6.7	7.0	4.7	5.8	5.7	17.3	64.3	87.0	90.3	91.7
JSC 2013-5S	6.0	6.3	3.7	5.2	5.8	7.2	73.0	91.7	93.0	85.0	83.7
MSB-1042	1.7	1.3	1.3	4.7	5.3	5.5	43.0	59.3	70.7	73.7	74.7
MSB-1075	6.0	6.3	5.0	6.8	7.8	8.0	24.3	61.0	52.3	60.7	65.0
OKC1682	5.3	3.0	3.0	5.5	5.5	6.7	23.0	54.3	64.0	68.0	64.0
OKS2015-1	5.7	5.3	4.0	4.2	5.2	6.5	65.0	92.7	89.3	87.7	87.0
JSC 2013-8S	6.0	5.3	5.0	4.7	5.3	6.8	75.0	95.3	96.0	88.7	92.3
MSB-1026	7.7	6.7	6.0	5.7	7.5	7.3	34.0	68.0	77.3	85.3	80.3
OKC1406	4.7	4.3	3.7	4.8	6.0	6.0	20.3	66.0	75.3	85.7	84.0
OKS2015-7	6.3	7.0	4.7	4.7	5.3	5.8	68.3	93.3	94.7	91.3	89.7
SUN QUEEN (PST-R6MM)	5.7	5.7	4.7	4.3	6.2	5.7	81.0	87.7	91.7	76.0	79.7
JSC 2013-10S	6.0	5.3	4.0	5.5	6.3	7.5	76.7	95.7	95.0	90.0	89.3
JSC 80V	6.7	6.3	4.0	4.7	5.5	6.0	29.3	70.7	87.3	84.7	82.7
MSB-1050	4.3	5.7	6.0	6.7	7.7	7.3	63.7	80.0	93.0	87.0	89.0
OKC1873	3.3	3.3	3.0	5.8	7.2	7.0	14.0	57.0	71.3	70.0	75.3
PST-R6TM	6.5	6.5	6.0	4.2	5.5	6.5	73.5	90.0	94.5	69.5	82.0
RIVIERA	6.0	6.3	5.3	4.7	5.8	6.0	75.7	95.7	96.7	84.0	90.7
JSC 2013-7S	5.3	4.7	3.7	4.7	6.0	7.0	90.3	91.7	91.7	86.3	82.7
ASTRO	7.3	6.7	6.3	5.2	6.0	6.3	12.3	40.0	58.3	68.3	68.7
JSC 2013-12S	6.7	6.7	4.7	5.0	6.0	7.0	69.3	92.0	92.0	74.7	85.3
OKS2015-3	6.0	6.0	4.0	4.2	5.7	6.2	64.0	92.0	94.7	90.3	91.0
FB 1630	6.7	7.0	7.3	6.2	6.2	6.0	20.3	60.7	55.7	68.7	72.3
JSC 77V	3.7	3.0	2.7	4.8	5.8	6.7	36.7	76.3	84.0	79.3	87.7
OKC1666	5.7	5.0	4.0	4.7	4.8	6.0	26.0	45.0	52.3	57.3	61.7
LSD VALUE	1.5	2.1	1.9	3.7	1.5	1.2	22.3	15.9	15.7	15.4	12.8
C.V. (%)	16.0	23.0	24.4	31.6	18.8	14.5	30.2	13.6	12.0	11.5	9.6

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

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

TABLE 26B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER SALINE IRRIGATION AT LAS CRUCES, NM 1/
2020, 2022-23 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	PERCENT GROUND COVER			QUALITY RATINGS						MEAN		
				SPRING	SUMMER	FALL	APR	MAY	JUN	JUL	AUG	SEP		OCT	NOV
COPPERHEAD (DLF-460/3048)	6.0	4.2	6.0	55.0	92.9	78.4	5.8	7.2	8.0	8.1	8.1	7.0	7.2	6.7	7.3
MONACO	5.7	4.8	5.0	69.7	87.0	78.1	6.5	7.4	7.6	7.9	8.0	7.2	7.0	6.3	7.3
JSC 2013-5S	6.3	4.7	5.7	67.2	90.9	77.2	6.3	7.0	7.6	7.9	8.1	7.3	7.2	6.3	7.2
OKS2015-1	5.7	3.8	5.7	67.2	87.8	76.2	5.3	7.0	7.2	7.8	7.9	7.2	7.0	7.3	7.1
JSC 2013-8S	6.3	5.0	5.7	78.2	88.1	79.8	6.0	7.1	7.2	7.8	7.8	6.7	6.6	5.0	7.0
OKS2015-7	6.7	4.6	6.0	76.3	91.1	81.8	6.0	6.8	7.1	7.7	8.0	6.7	7.0	7.0	7.0
SUN QUEEN (PST-R6MM)	5.0	4.4	4.7	62.1	84.3	76.9	6.3	7.0	7.8	8.2	7.6	6.8	6.6	3.3	7.0
JSC 2013-10S	6.3	5.2	5.3	72.2	88.1	79.4	6.5	7.2	7.3	7.4	7.3	5.7	6.4	3.7	6.9
PST-R6TM	6.1	4.5	6.1	58.6	90.9	83.1	6.6	6.9	7.5	8.0	7.4	6.8	6.1	4.0	6.9
RIVIERA	6.3	5.0	6.0	75.8	92.7	81.6	6.2	7.2	7.1	7.6	7.6	6.0	6.6	4.7	6.9
JSC 2013-7S	5.3	4.6	5.0	71.8	86.9	73.6	5.5	6.2	7.0	7.9	7.4	6.5	6.6	5.3	6.7
JSC 2013-12S	6.7	4.6	6.0	70.9	92.9	81.2	6.0	6.6	7.1	7.7	7.6	5.8	6.0	3.0	6.6
OKS2015-3	5.7	4.4	5.7	73.3	90.3	71.8	5.3	6.4	7.2	7.9	7.3	6.2	5.9	4.0	6.6
LSD VALUE	1.1	2.2	1.0	41.4	17.3	31.0	1.5	2.2	1.6	1.5	2.5	3.2	2.3	3.3	2.0
C.V. (%)	16.8	26.8	15.6	33.7	10.6	19.3	14.3	17.6	12.9	10.1	16.4	22.4	20.8	30.9	14.3

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 26B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER SALINE IRRIGATION AT LAS CRUCES, NM 1/
2020, 2022-23 DATA

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

NAME	COLOR						PERCENT ESTABLISHMENT				
	SEPTEMBER	OCTOBER	NOVEMBER	SPRING	SUMMER	FALL	JULY 25	AUG 22	SEPT 11	25-OCTOBER 9 SEPT 26	OCT 9
COPPERHEAD (DLF-460/3048)	6.3	6.7	5.0	4.5	6.5	7.0	81.3	84.7	90.7	83.0	80.3
MONACO	6.3	5.0	5.0	5.0	6.0	6.7	44.7	72.7	84.3	82.3	87.7
JSC 2013-5S	6.0	6.3	3.7	5.2	5.8	7.2	73.0	91.7	93.0	85.0	83.7
OKS2015-1	5.7	5.3	4.0	4.2	5.2	6.5	65.0	92.7	89.3	87.7	87.0
JSC 2013-8S	6.0	5.3	5.0	4.7	5.3	6.8	75.0	95.3	96.0	88.7	92.3
OKS2015-7	6.3	7.0	4.7	4.7	5.3	5.8	68.3	93.3	94.7	91.3	89.7
SUN QUEEN (PST-R6MM)	5.7	5.7	4.7	4.3	6.2	5.7	81.0	87.7	91.7	76.0	79.7
JSC 2013-10S	6.0	5.3	4.0	5.5	6.3	7.5	76.7	95.7	95.0	90.0	89.3
PST-R6TM	6.5	6.5	6.0	4.2	5.5	6.5	73.5	90.0	94.5	69.5	82.0
RIVIERA	6.0	6.3	5.3	4.7	5.8	6.0	75.7	95.7	96.7	84.0	90.7
JSC 2013-7S	5.3	4.7	3.7	4.7	6.0	7.0	90.3	91.7	91.7	86.3	82.7
JSC 2013-12S	6.7	6.7	4.7	5.0	6.0	7.0	69.3	92.0	92.0	74.7	85.3
OKS2015-3	6.0	6.0	4.0	4.2	5.7	6.2	64.0	92.0	94.7	90.3	91.0
LSD VALUE	2.4	4.0	3.8	3.6	1.9	1.1	64.7	11.8	14.2	17.5	15.0
C.V. (%)	12.8	23.5	27.7	31.9	17.0	12.8	30.4	6.7	5.7	9.3	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 26C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER SALINE IRRIGATION AT LAS CRUCES, NM 1/
2020, 2022-23 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	PERCENT GROUND COVER			QUALITY RATINGS							MEAN	
				SPRING	SUMMER	FALL	APR	MAY	JUN	JUL	AUG	SEP	OCT		NOV
TIFTUF	6.6	4.7	6.6	72.8	96.3	60.2	7.5	8.0	8.3	8.6	8.3	7.8	7.9	5.3	8.0
TAHOMA 31	5.7	4.9	5.7	66.6	89.2	72.2	6.5	8.0	8.4	8.9	8.4	6.7	7.1	6.0	7.8
MSB-1048	8.0	4.7	6.7	61.2	94.2	82.2	5.2	7.7	8.6	8.4	8.4	7.3	7.2	5.7	7.6
TIFWAY	7.8	5.4	7.0	67.8	94.6	79.8	6.8	7.7	8.3	8.6	7.9	7.2	7.1	4.3	7.6
CELEBRATION HYBRID (MSB-1017)	7.0	5.2	6.3	71.2	94.2	81.6	6.8	7.3	8.3	8.2	8.0	7.7	6.8	5.3	7.5
FB 1628	5.7	5.1	6.0	60.4	87.2	79.0	6.5	7.8	8.2	8.2	7.6	7.7	6.8	5.0	7.5
FB 1903	5.3	4.3	5.0	63.8	86.6	79.1	6.8	7.1	8.1	8.3	7.9	7.3	7.3	4.7	7.5
LATITUDE 36	7.3	5.2	6.7	75.4	91.7	69.8	6.3	7.6	8.4	8.4	7.4	7.2	6.6	4.7	7.4
OKC1876	7.3	5.1	6.7	60.6	93.3	78.2	6.7	6.8	8.0	8.2	8.0	7.8	7.1	5.7	7.4
FB 1902	8.7	6.0	8.0	78.7	87.9	84.8	6.3	7.4	7.6	8.0	7.3	6.7	7.2	5.0	7.2
MSB-1042	5.3	4.0	5.7	50.1	91.8	60.0	6.2	7.3	8.1	8.1	7.4	6.5	6.6	4.3	7.2
MSB-1075	8.0	4.7	6.7	59.2	93.4	74.9	4.5	6.7	8.0	8.3	7.9	7.0	7.0	4.0	7.1
OKC1682	6.7	4.2	6.0	62.1	94.3	65.6	4.8	7.6	8.3	8.3	7.8	5.8	6.0	5.0	7.1
MSB-1026	9.0	4.4	7.0	63.7	91.6	79.4	4.5	7.3	8.2	8.3	7.4	6.3	6.1	4.3	7.0
OKC1406	6.7	4.8	6.0	60.1	88.4	60.9	5.3	7.9	7.3	8.1	7.4	7.0	6.0	6.3	7.0
JSC 80V	8.7	5.2	7.0	69.0	91.4	78.4	5.8	6.9	7.4	8.0	7.6	6.5	6.2	7.3	6.9
MSB-1050	6.0	4.9	5.7	60.3	87.0	72.1	5.5	6.2	7.7	7.9	7.8	6.7	6.8	3.3	6.9
OKC1873	7.7	5.1	7.0	64.8	87.8	56.1	5.7	6.4	7.2	7.9	7.6	7.3	6.6	5.0	6.9
ASTRO	7.0	5.0	6.0	68.4	89.4	75.1	5.5	6.6	7.4	7.6	7.1	5.8	6.1	5.7	6.6
FB 1630	7.0	5.1	6.0	51.1	85.9	76.2	5.5	6.1	7.1	7.3	6.9	7.0	5.9	5.0	6.4
JSC 77V	6.3	4.9	6.0	64.2	88.6	53.6	5.5	6.8	7.1	7.3	6.6	5.2	5.4	5.3	6.4
OKC1666	7.0	3.8	6.0	52.3	91.8	53.4	4.5	6.7	7.4	7.8	6.9	5.0	5.0	5.3	6.3
LSD VALUE	0.7	4.1	0.5	66.0	16.5	29.3	2.1	1.6	1.3	1.4	2.8	3.6	2.6	5.6	1.8
C.V. (%)	11.2	37.9	9.8	44.8	10.0	31.7	24.9	18.0	13.2	11.9	19.8	26.0	26.2	32.7	16.6

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 26C.
(CONT'D)MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER SALINE IRRIGATION AT LAS CRUCES, NM 1/
2020, 2022-23 DATA

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

NAME	COLOR	COLOR	COLOR	COLOR	COLOR	COLOR	PERCENT ESTABLISHMENT JULY 25-OCTOBER 9				
	SEPTEMBER	OCTOBER	NOVEMBER	SPRING	SUMMER	FALL	JULY 25	AUG 22	SEPT 11	SEPT 26	OCT 9
TIFTUF	2.3	1.7	1.3	5.0	5.5	6.0	46.0	70.7	77.3	59.3	60.3
TAHOMA 31	5.3	4.7	4.3	5.5	5.8	5.8	45.0	55.0	58.0	68.3	72.0
MSB-1048	7.7	7.3	6.7	6.2	5.7	6.3	15.7	47.0	68.3	73.0	73.3
TIFWAY	6.0	6.7	6.7	5.3	6.3	7.2	37.0	84.7	82.0	91.7	95.0
CELEBRATION HYBRID (MSB-1017)	6.7	7.0	7.0	5.8	6.0	6.8	31.7	78.7	84.0	69.7	66.3
FB 1628	6.3	6.0	6.0	6.2	7.8	8.0	34.0	81.0	86.7	92.0	89.0
FB 1903	5.7	5.0	4.7	6.2	7.2	7.2	82.0	89.7	90.0	63.3	80.7
LATITUDE 36	6.0	6.3	7.0	4.7	5.2	6.3	50.3	84.7	87.7	91.7	95.7
OKC1876	6.3	5.7	5.0	5.7	6.7	6.7	32.0	64.0	83.3	88.7	90.3
FB 1902	7.0	6.7	7.0	4.7	5.8	5.7	17.3	64.3	87.0	90.3	91.7
MSB-1042	1.7	1.3	1.3	4.7	5.3	5.5	43.0	59.3	70.7	73.7	74.7
MSB-1075	6.0	6.3	5.0	6.8	7.8	8.0	24.3	61.0	52.3	60.7	65.0
OKC1682	5.3	3.0	3.0	5.5	5.5	6.7	23.0	54.3	64.0	68.0	64.0
MSB-1026	7.7	6.7	6.0	5.7	7.5	7.3	34.0	68.0	77.3	85.3	80.3
OKC1406	4.7	4.3	3.7	4.8	6.0	6.0	20.3	66.0	75.3	85.7	84.0
JSC 80V	6.7	6.3	4.0	4.7	5.5	6.0	29.3	70.7	87.3	84.7	82.7
MSB-1050	4.3	5.7	6.0	6.7	7.7	7.3	63.7	80.0	93.0	87.0	89.0
OKC1873	3.3	3.3	3.0	5.8	7.2	7.0	14.0	57.0	71.3	70.0	75.3
ASTRO	7.3	6.7	6.3	5.2	6.0	6.3	12.3	40.0	58.3	68.3	68.7
FB 1630	6.7	7.0	7.3	6.2	6.2	6.0	20.3	60.7	55.7	68.7	72.3
JSC 77V	3.7	3.0	2.7	4.8	5.8	6.7	36.7	76.3	84.0	79.3	87.7
OKC1666	5.7	5.0	4.0	4.7	4.8	6.0	26.0	45.0	52.3	57.3	61.7
LSD VALUE	1.4	1.8	1.7	4.0	1.5	1.3	11.3	19.4	20.2	16.9	14.5
C.V. (%)	16.2	21.6	22.6	31.5	19.8	15.4	22.2	17.2	15.5	13.0	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 27A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER SALINITY AT LAS CRUCES, NM 1/
2021 DATA

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

QUALITY RATINGS MARCH 12-SEPTEMBER 23

NAME	3/12	3/25	4/8	4/22	5/6	5/20	6/3	7/1	7/15	7/29	8/15	8/27	9/2	9/23
ASTRO	2.0	3.0	5.0	5.7	5.3	5.0	4.0	7.3	8.3	8.0	8.0	8.7	8.0	8.0
COPPERHEAD (DLF-460/3048)	3.3	4.3	7.3	7.3	7.0	6.3	6.7	6.7	6.7	6.7	7.0	6.7	7.3	7.0
FB 1628	2.3	4.0	5.0	4.0	3.0	2.7	2.7	2.7	5.0	6.7	6.7	8.0	7.0	7.0
FB 1630	3.3	5.0	8.3	7.3	6.3	6.7	6.3	7.0	6.7	5.7	6.0	6.7	6.7	7.0
FB 1902	2.0	3.7	4.0	5.0	4.7	5.7	6.3	8.0	8.0	7.3	6.3	5.3	7.7	8.0
FB 1903	3.0	3.7	5.0	4.3	3.3	3.0	2.7	3.7	7.3	7.0	6.7	7.0	6.7	7.3
JSC 2013-10S	2.3	4.0	6.7	6.0	5.7	6.0	6.0	6.3	7.7	7.0	6.7	7.0	7.0	7.3
JSC 2013-12S	3.3	4.7	7.7	7.7	7.7	7.0	7.7	7.7	7.0	6.7	5.7	6.7	6.7	7.3
JSC 2013-5S	3.0	4.0	6.7	6.3	6.7	6.0	6.7	7.7	6.7	7.3	7.0	6.3	7.0	6.7
JSC 2013-7S	2.7	3.3	5.3	5.0	4.7	4.3	4.3	6.3	7.7	7.3	6.7	5.7	6.7	6.7
JSC 2013-8S	2.7	4.0	5.7	5.0	4.7	4.7	5.0	6.3	8.3	7.0	7.0	7.0	7.3	7.0
JSC 77V	2.3	3.3	5.0	6.0	5.0	5.7	5.7	6.7	7.0	7.3	6.7	6.3	6.7	6.3
JSC 80V	2.0	3.3	7.0	7.7	7.7	7.3	7.0	8.3	8.3	7.3	6.0	6.0	6.7	5.7
LATITUDE 36	2.3	3.7	4.7	5.3	4.0	3.7	4.0	6.0	7.7	7.3	7.0	6.0	7.3	7.7
MONACO	2.0	3.3	4.0	4.3	4.3	4.0	4.3	5.0	6.7	8.0	7.7	7.3	8.3	7.3
MSB-1017	2.3	3.7	7.0	7.7	6.7	7.3	8.0	8.3	7.0	6.3	6.3	6.3	5.0	7.7
MSB-1026	1.7	3.3	4.7	5.7	5.7	7.3	8.3	8.7	8.3	7.3	5.3	3.3	6.0	7.7
MSB-1042	1.3	2.7	4.3	5.3	5.7	5.0	4.7	4.7	7.3	6.3	5.0	5.0	4.0	3.0
MSB-1048	1.7	3.0	5.7	6.7	6.7	7.7	7.7	8.3	8.3	7.3	7.3	7.3	8.3	8.0
MSB-1050	1.7	3.3	6.7	7.7	7.7	8.0	8.7	8.7	7.3	5.0	5.0	5.7	6.7	7.7
MSB-1075	1.3	2.7	5.0	6.0	6.3	7.0	7.0	8.3	8.3	8.0	6.7	5.3	6.3	4.7
OKC1406	2.7	3.7	6.3	6.3	6.0	6.3	6.3	6.7	6.7	6.0	5.7	5.0	6.0	5.3
OKC1666	2.0	3.7	5.7	5.7	5.3	5.0	4.7	4.3	6.7	7.7	7.7	7.3	7.7	6.7
OKC1682	1.0	2.0	1.7	2.7	3.3	4.7	5.7	7.3	6.7	6.7	6.7	7.0	8.0	7.7
OKC1873	2.7	3.0	3.3	4.0	4.0	4.0	3.0	5.0	8.3	8.0	7.7	5.0	7.7	6.3
OKC1876	2.0	3.7	4.0	3.7	3.3	3.7	3.3	6.0	7.0	7.3	7.0	7.0	8.0	7.7
OKS2015-1	2.3	3.3	5.7	5.7	5.0	4.7	4.7	5.7	7.0	7.0	6.3	6.7	7.0	7.0
OKS2015-3	3.0	4.0	6.3	5.7	5.7	5.3	5.0	6.3	7.3	6.7	5.3	6.3	6.7	7.0
OKS2015-7	3.3	4.7	7.7	7.3	7.3	7.3	7.0	7.3	7.3	6.7	6.7	7.3	7.3	7.3
PST-R6TM	3.7	4.7	7.0	6.7	6.0	5.0	5.3	6.0	6.7	6.7	6.7	5.7	6.7	6.7
RIVIERA	2.7	4.3	6.0	6.0	5.7	4.7	4.7	5.7	7.3	6.3	5.7	5.7	6.3	6.7
SUN QUEEN (PST-R6MM)	3.0	4.0	5.3	4.7	4.3	3.7	3.3	5.0	7.0	7.0	7.0	6.0	6.7	7.0
TAHOMA 31	2.0	3.3	5.3	5.3	5.0	5.0	5.0	6.0	7.0	7.0	7.0	7.7	7.7	7.0
TIFTUF	1.0	2.0	1.7	1.7	2.0	3.7	4.7	6.0	6.3	5.7	5.0	5.3	5.7	4.7
TIFWAY	2.0	3.3	5.7	6.7	7.0	7.0	7.0	8.0	6.0	7.3	7.0	5.7	8.0	8.0
LSD VALUE	0.9	1.3	3.5	4.9	4.4	4.8	4.6	3.7	3.0	3.3	4.5	2.9	2.3	1.7
C.V. (%)	23.7	19.7	31.6	34.9	35.0	36.5	37.6	27.0	15.5	15.7	20.8	20.8	15.9	14.3

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 27A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER SALINITY AT LAS CRUCES, NM 1/
2021 DATA

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

NAME	GENETIC COLOR	LEAF TEXTURE	PERCENT SPRING GREEN UP MARCH-APRIL			
			3/12	3/25	4/8	4/22
ASTRO	7.0	6.0	0.0	3.0	38.7	58.0
COPPERHEAD (DLF-460/3048)	6.0	6.0	2.7	19.0	77.7	85.7
FB 1628	5.7	6.0	1.0	15.0	44.0	42.7
FB 1630	7.0	6.0	3.0	36.3	83.7	84.3
FB 1902	8.7	8.0	0.0	3.7	27.0	51.3
FB 1903	5.3	5.0	2.0	13.7	48.3	44.0
JSC 2013-10S	6.3	5.3	1.7	15.3	61.7	63.7
JSC 2013-12S	6.7	6.0	3.7	28.7	82.7	91.7
JSC 2013-5S	6.3	5.7	2.0	14.7	61.7	69.3
JSC 2013-7S	5.3	5.0	0.3	8.7	48.7	51.0
JSC 2013-8S	6.3	5.7	0.7	12.7	50.7	51.3
JSC 77V	6.3	6.0	0.7	5.3	42.0	58.7
JSC 80V	8.7	7.0	0.7	8.0	68.0	86.7
LATITUDE 36	7.3	6.7	0.3	7.0	40.0	50.7
MONACO	5.7	5.0	0.0	3.0	31.0	39.0
MSB-1017	7.0	6.3	1.0	6.7	68.3	87.0
MSB-1026	9.0	7.0	0.0	2.0	37.3	60.0
MSB-1042	5.3	5.7	0.0	2.3	33.3	58.3
MSB-1048	8.0	6.7	0.0	2.7	49.0	71.0
MSB-1050	6.0	5.7	0.7	6.0	60.7	80.3
MSB-1075	8.0	6.7	0.0	1.3	43.0	59.3
OKC1406	6.7	6.0	1.3	7.7	57.0	68.0
OKC1666	7.0	6.0	0.0	4.3	49.0	61.7
OKC1682	6.7	6.0	0.0	0.0	4.7	18.0
OKC1873	7.7	7.0	1.3	4.0	23.3	35.0
OKC1876	7.3	6.7	0.3	3.7	31.0	32.3
OKS2015-1	5.7	5.7	2.3	11.3	53.0	61.3
OKS2015-3	5.7	5.7	3.0	16.3	63.7	65.3
OKS2015-7	6.7	6.0	3.7	25.3	80.3	86.3
PST-R6TM	5.3	5.7	6.7	31.0	76.7	81.7
RIVIERA	6.3	6.0	3.0	20.3	62.0	67.7
SUN QUEEN (PST-R6MM)	5.0	4.7	1.7	14.7	53.0	51.3
TAHOMA 31	5.7	5.7	1.3	13.7	51.7	57.3
TIFTUF	6.3	6.3	0.0	0.0	1.3	7.0
TIFWAY	8.0	7.0	0.0	5.3	50.7	75.3
LSD VALUE	1.8	1.8	3.1	12.3	40.2	60.4
C.V. (%)	15.2	13.9	126.3	70.2	42.4	43.1

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 27A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER SALINITY AT LAS CRUCES, NM 1/
2021 DATA

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

PERCENT GROUND COVER MAY 6-SEPTEMBER 23

NAME	5/6	5/20	6/3	7/1	7/15	7/29	8/15	8/27	9/2	9/23
ASTRO	55.0	53.7	40.0	89.3	98.3	96.3	95.3	97.0	98.7	95.7
COPPERHEAD (DLF-460/3048)	79.7	76.0	80.3	82.0	95.0	91.0	95.3	87.7	99.0	93.7
FB 1628	27.7	23.7	20.7	25.7	76.0	84.7	90.0	96.0	94.0	92.3
FB 1630	73.3	76.7	73.3	93.7	94.3	80.0	89.7	83.3	97.7	94.0
FB 1902	42.0	58.0	70.3	97.7	98.7	93.3	88.0	60.7	98.7	98.3
FB 1903	36.7	27.0	16.7	36.0	97.0	95.0	95.3	88.0	99.0	94.7
JSC 2013-10S	61.3	64.0	68.0	75.0	98.0	92.0	95.0	91.7	98.7	96.3
JSC 2013-12S	86.7	86.0	90.0	97.3	96.7	89.7	87.3	85.7	98.7	95.7
JSC 2013-5S	71.3	68.3	77.3	93.7	94.7	94.7	93.0	78.7	97.3	92.7
JSC 2013-7S	53.0	43.0	46.7	80.3	98.3	95.7	92.0	75.7	99.0	91.3
JSC 2013-8S	48.7	48.3	50.0	79.3	98.7	91.0	94.0	90.0	99.0	90.7
JSC 77V	52.3	59.0	66.0	88.7	98.7	98.3	97.0	92.0	99.0	94.7
JSC 80V	73.0	79.0	74.0	97.0	99.0	94.0	87.3	73.0	99.0	87.3
LATITUDE 36	35.0	29.7	34.3	71.7	97.7	97.0	96.0	77.3	99.0	98.7
MONACO	36.7	38.3	38.0	49.7	92.7	94.3	93.7	84.0	98.3	94.7
MSB-1017	78.3	89.7	93.3	99.0	94.3	89.7	91.0	79.3	88.0	97.7
MSB-1026	46.0	83.0	95.0	99.0	99.0	93.7	79.7	37.3	92.0	94.7
MSB-1042	59.3	55.7	44.3	51.7	97.7	89.0	81.7	56.0	85.7	48.7
MSB-1048	73.0	83.3	84.7	99.0	98.3	92.3	89.7	83.7	99.0	95.0
MSB-1050	84.0	93.3	96.3	99.0	93.3	68.0	83.3	69.7	97.0	95.0
MSB-1075	64.7	77.7	79.3	94.3	99.0	95.7	88.0	62.7	95.3	63.7
OKC1406	64.7	68.7	67.3	80.7	93.7	80.0	83.0	56.3	92.7	70.3
OKC1666	53.7	52.0	47.3	45.3	91.7	97.0	97.7	91.0	99.0	91.7
OKC1682	25.0	41.0	52.0	92.3	86.0	82.3	89.3	85.7	99.0	97.0
OKC1873	36.0	34.0	24.3	57.3	98.3	99.0	97.7	59.0	99.0	86.7
OKC1876	32.3	35.3	33.7	70.0	90.3	93.7	91.7	82.0	98.7	91.7
OKS2015-1	54.3	48.0	45.7	70.7	97.7	93.3	92.0	83.3	99.0	93.0
OKS2015-3	61.0	56.0	54.3	82.3	98.0	91.0	88.7	82.3	98.7	92.7
OKS2015-7	85.0	83.3	82.7	94.3	96.3	91.7	93.7	91.7	99.0	95.3
PST-R6TM	68.7	58.3	58.3	78.7	94.3	93.3	97.0	79.0	99.0	95.0
RIVIERA	59.7	52.0	44.3	70.0	98.0	85.0	84.3	75.7	98.3	89.7
SUN QUEEN (PST-R6MM)	45.0	37.0	33.0	60.7	96.7	95.0	95.0	82.0	99.0	94.3
TAHOMA 31	53.3	56.7	54.3	68.0	90.3	95.0	94.3	92.0	99.0	93.7
TIFTUF	15.3	37.7	49.0	65.0	93.3	83.0	81.7	64.0	95.0	70.3
TIFWAY	79.0	81.3	84.7	98.7	88.0	95.3	95.3	69.3	99.0	99.0
LSD VALUE	63.2	68.8	70.8	53.9	26.1	28.6	34.5	28.7	10.5	16.7
C.V. (%)	45.3	46.9	50.6	31.6	8.4	10.8	10.3	19.0	4.5	10.8

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 27A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER SALINITY AT LAS CRUCES, NM 1/
2021 DATA

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

COLOR RATINGS MARCH 12-SEPTEMBER 23

NAME	3/12	3/25	4/8	4/22	5/6	5/20	6/3	7/1	7/15	7/29	8/15	8/27	9/2	9/23
ASTRO	2.7	2.7	3.7	5.7	5.3	5.0	4.7	6.0	7.7	7.3	7.7	8.3	7.0	7.3
DLF-460/3048	4.0	4.0	4.3	7.3	6.3	5.7	5.7	6.0	5.3	5.3	5.3	5.3	6.0	5.7
FB 1628	3.3	3.3	3.7	4.3	3.0	2.7	2.3	2.7	4.0	5.7	6.3	7.3	6.7	6.0
FB 1630	3.3	5.0	4.7	6.7	6.0	5.7	5.3	6.0	5.3	4.7	5.0	5.7	5.3	5.7
FB 1902	2.0	2.7	3.3	5.7	4.7	5.7	6.0	6.7	7.3	6.0	5.7	5.0	6.7	8.0
FB 1903	3.3	3.0	3.7	4.0	3.7	3.0	2.7	3.3	5.7	5.7	5.7	5.3	5.0	6.0
JSC 2013-10S	3.7	3.7	4.0	5.7	5.7	5.7	5.7	5.7	6.0	5.7	5.3	5.3	5.0	6.0
JSC 2013-12S	4.0	3.7	4.7	7.3	6.7	6.3	6.7	6.7	5.3	5.0	4.3	5.7	4.7	6.0
JSC 2013-5S	3.3	3.7	4.3	6.3	6.0	5.7	6.0	6.3	5.3	6.3	6.0	5.3	5.3	6.0
JSC 2013-7S	3.7	3.0	3.7	5.0	4.7	4.3	4.7	5.3	6.3	6.0	5.0	5.0	4.7	5.7
JSC 2013-8S	3.3	3.3	4.0	5.3	4.7	4.7	4.7	5.7	7.0	5.7	5.0	5.7	6.0	5.7
JSC 77V	4.0	3.3	3.7	5.7	5.0	5.7	5.3	5.7	5.3	6.0	4.3	4.7	4.0	4.3
JSC 80V	3.7	3.3	4.3	7.3	7.0	6.7	7.3	7.3	7.7	6.7	4.3	5.0	4.7	3.7
LATITUDE 36	3.0	3.0	3.7	5.7	4.0	3.7	4.0	5.3	6.7	6.7	6.0	5.3	6.3	6.7
MONACO	3.0	3.0	3.7	4.3	4.0	4.0	4.0	4.3	5.7	7.3	7.0	7.0	7.7	6.3
MSB-1017	4.0	3.7	4.3	7.3	6.7	6.7	7.0	7.3	5.3	5.3	5.0	5.7	4.3	6.3
MSB-1026	3.0	3.0	3.7	5.7	5.7	7.0	7.7	8.3	7.3	6.7	4.3	3.0	5.0	6.7
MSB-1042	4.0	3.0	3.3	5.0	5.0	5.0	4.7	4.0	6.0	5.0	3.7	4.7	3.3	2.3
MSB-1048	2.7	2.7	3.7	6.3	6.7	6.7	7.0	7.7	8.0	6.3	6.3	7.3	8.0	7.0
MSB-1050	3.3	3.3	4.3	7.3	7.7	8.0	8.3	7.7	5.7	4.3	3.7	4.7	4.3	6.7
MSB-1075	3.0	2.3	3.3	5.7	6.0	6.7	7.0	7.3	8.0	7.3	5.7	5.0	5.0	4.0
OKC1406	4.0	3.3	4.3	6.3	6.0	6.0	6.0	6.0	5.7	5.3	4.3	4.7	4.3	4.3
OKC1666	3.0	3.3	4.0	5.3	5.3	5.0	4.7	4.0	5.7	7.0	7.0	6.7	6.7	5.7
OKC1682	3.0	2.0	2.7	3.3	3.7	4.3	5.3	6.7	6.3	6.0	5.7	6.3	7.0	6.7
OKC1873	4.0	3.0	3.0	4.0	4.0	4.0	3.3	4.3	7.7	7.3	6.7	4.3	6.0	5.3
OKC1876	3.3	3.0	3.3	3.7	3.7	4.0	4.0	3.3	5.7	6.3	6.3	6.7	6.7	7.3
OKS2015-1	3.7	3.3	3.7	5.3	4.7	4.3	4.0	5.0	6.0	5.3	4.7	5.7	5.3	5.7
OKS2015-3	3.7	3.7	4.0	5.3	5.0	4.7	4.7	5.3	5.7	5.0	3.7	5.0	3.7	5.7
OKS2015-7	4.3	4.0	4.3	6.7	6.7	6.7	6.0	6.3	5.7	5.7	5.7	6.0	5.7	6.3
PST-R6TM	4.3	3.7	4.0	5.7	4.7	4.7	4.7	5.0	4.7	4.7	4.3	4.7	4.0	5.0
RIVIERA	4.0	3.7	3.7	5.3	5.3	4.7	4.3	5.0	6.0	5.0	3.7	5.0	3.7	5.3
SUN QUEEN (PST-R6MM)	3.7	3.3	3.3	4.3	4.0	3.7	3.3	4.3	5.7	6.0	5.3	5.0	4.7	5.7
TAHOMA 31	4.0	3.3	3.7	5.0	4.3	4.7	4.7	5.3	5.7	6.0	5.3	6.7	6.3	6.0
TIFTUF	4.0	2.7	2.0	2.0	2.3	3.3	4.3	5.3	4.7	4.7	3.3	4.7	3.3	3.7
TIFWAY	2.3	3.0	4.0	6.7	6.7	6.7	7.0	6.7	4.7	5.7	6.0	5.3	6.7	7.0
LSD VALUE	0.7	1.1	1.5	4.7	3.6	4.1	3.5	2.8	2.4	3.5	3.7	2.3	2.5	1.6
C.V. (%)	12.4	17.9	18.0	32.7	30.9	33.2	32.7	25.0	19.8	21.3	28.3	21.3	24.6	16.7

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

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

TABLE 27B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER SALINITY AT LAS CRUCES, NM 1/
2021 DATA

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

QUALITY RATINGS MARCH 12-SEPTEMBER 23

NAME	3/12	3/25	4/8	4/22	5/6	5/20	6/3	7/1	7/15	7/29	8/15	8/27	9/2	9/23
COPPERHEAD (DLF-460/3048)	3.3	4.3	7.3	7.3	7.0	6.3	6.7	6.7	6.7	6.7	7.0	6.7	7.3	7.0
JSC 2013-10S	2.3	4.0	6.7	6.0	5.7	6.0	6.0	6.3	7.7	7.0	6.7	7.0	7.0	7.3
JSC 2013-12S	3.3	4.7	7.7	7.7	7.7	7.0	7.7	7.7	7.0	6.7	5.7	6.7	6.7	7.3
JSC 2013-5S	3.0	4.0	6.7	6.3	6.7	6.0	6.7	7.7	6.7	7.3	7.0	6.3	7.0	6.7
JSC 2013-7S	2.7	3.3	5.3	5.0	4.7	4.3	4.3	6.3	7.7	7.3	6.7	5.7	6.7	6.7
JSC 2013-8S	2.7	4.0	5.7	5.0	4.7	4.7	5.0	6.3	8.3	7.0	7.0	7.0	7.3	7.0
MONACO	2.0	3.3	4.0	4.3	4.3	4.0	4.3	5.0	6.7	8.0	7.7	7.3	8.3	7.3
OKS2015-1	2.3	3.3	5.7	5.7	5.0	4.7	4.7	5.7	7.0	7.0	6.3	6.7	7.0	7.0
OKS2015-3	3.0	4.0	6.3	5.7	5.7	5.3	5.0	6.3	7.3	6.7	5.3	6.3	6.7	7.0
OKS2015-7	3.3	4.7	7.7	7.3	7.3	7.3	7.0	7.3	7.3	6.7	6.7	7.3	7.3	7.3
PST-R6TM	3.7	4.7	7.0	6.7	6.0	5.0	5.3	6.0	6.7	6.7	6.7	5.7	6.7	6.7
RIVIERA	2.7	4.3	6.0	6.0	5.7	4.7	4.7	5.7	7.3	6.3	5.7	5.7	6.3	6.7
SUN QUEEN (PST-R6MM)	3.0	4.0	5.3	4.7	4.3	3.7	3.3	5.0	7.0	7.0	7.0	6.0	6.7	7.0
LSD VALUE	0.9	2.1	4.4	6.2	5.5	5.6	5.4	5.4	1.0	2.1	2.1	2.8	2.3	1.8
C.V. (%)	15.9	19.5	27.2	35.8	35.0	38.3	38.0	28.9	7.3	11.1	13.7	16.0	12.3	8.5

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

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

TABLE 27B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEDED) CULTIVARS
GROWN UNDER SALINITY AT LAS CRUCES, NM 1/
2021 DATA

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

NAME	GENETIC COLOR	LEAF TEXTURE	PERCENT 3/12	SPRING 3/25	GREEN 4/8	UP MARCH-APRIL 4/22
COPPERHEAD (DLF-460/3048)	6.0	6.0	2.7	19.0	77.7	85.7
JSC 2013-10S	6.3	5.3	1.7	15.3	61.7	63.7
JSC 2013-12S	6.7	6.0	3.7	28.7	82.7	91.7
JSC 2013-5S	6.3	5.7	2.0	14.7	61.7	69.3
JSC 2013-7S	5.3	5.0	0.3	8.7	48.7	51.0
JSC 2013-8S	6.3	5.7	0.7	12.7	50.7	51.3
MONACO	5.7	5.0	0.0	3.0	31.0	39.0
OKS2015-1	5.7	5.7	2.3	11.3	53.0	61.3
OKS2015-3	5.7	5.7	3.0	16.3	63.7	65.3
OKS2015-7	6.7	6.0	3.7	25.3	80.3	86.3
PST-R6TM	5.3	5.7	6.7	31.0	76.7	81.7
RIVIERA	6.3	6.0	3.0	20.3	62.0	67.7
SUN QUEEN (PST-R6MM)	5.0	4.7	1.7	14.7	53.0	51.3
LSD VALUE	3.5	3.2	5.4	20.9	55.6	75.9
C.V. (%)	19.8	18.5	96.7	56.5	36.1	42.0

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

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

TABLE 27B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER SALINITY AT LAS CRUCES, NM 1/
2021 DATA

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

PERCENT GROUND COVER MAY 6-SEPTEMBER 23

NAME	5/6	5/20	6/3	7/1	7/15	7/29	8/15	8/27	9/2	9/23
COPPERHEAD (DLF-460/3048)	79.7	76.0	80.3	82.0	95.0	91.0	95.3	87.7	99.0	93.7
JSC 2013-10S	61.3	64.0	68.0	75.0	98.0	92.0	95.0	91.7	98.7	96.3
JSC 2013-12S	86.7	86.0	90.0	97.3	96.7	89.7	87.3	85.7	98.7	95.7
JSC 2013-5S	71.3	68.3	77.3	93.7	94.7	94.7	93.0	78.7	97.3	92.7
JSC 2013-7S	53.0	43.0	46.7	80.3	98.3	95.7	92.0	75.7	99.0	91.3
JSC 2013-8S	48.7	48.3	50.0	79.3	98.7	91.0	94.0	90.0	99.0	90.7
MONACO	36.7	38.3	38.0	49.7	92.7	94.3	93.7	84.0	98.3	94.7
OKS2015-1	54.3	48.0	45.7	70.7	97.7	93.3	92.0	83.3	99.0	93.0
OKS2015-3	61.0	56.0	54.3	82.3	98.0	91.0	88.7	82.3	98.7	92.7
OKS2015-7	85.0	83.3	82.7	94.3	96.3	91.7	93.7	91.7	99.0	95.3
PST-R6TM	68.7	58.3	58.3	78.7	94.3	93.3	97.0	79.0	99.0	95.0
RIVIERA	59.7	52.0	44.3	70.0	98.0	85.0	84.3	75.7	98.3	89.7
SUN QUEEN (PST-R6MM)	45.0	37.0	33.0	60.7	96.7	95.0	95.0	82.0	99.0	94.3
LSD VALUE	80.5	81.7	81.2	67.4	4.4	20.2	14.5	34.7	2.9	13.7
C.V. (%)	45.2	50.4	52.0	31.1	2.2	7.1	6.1	14.0	1.0	4.8

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 27B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER SALINITY AT LAS CRUCES, NM 1/
2021 DATA

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

COLOR RATINGS MARCH 12-SEPTEMBER 23

NAME	3/12	3/25	4/8	4/22	5/6	5/20	6/3	7/1	7/15	7/29	8/15	8/27	9/2	9/23
DLF-460/3048	4.0	4.0	4.3	7.3	6.3	5.7	5.7	6.0	5.3	5.3	5.3	5.3	6.0	5.7
JSC 2013-10S	3.7	3.7	4.0	5.7	5.7	5.7	5.7	5.7	6.0	5.7	5.3	5.3	5.0	6.0
JSC 2013-12S	4.0	3.7	4.7	7.3	6.7	6.3	6.7	6.7	5.3	5.0	4.3	5.7	4.7	6.0
JSC 2013-5S	3.3	3.7	4.3	6.3	6.0	5.7	6.0	6.3	5.3	6.3	6.0	5.3	5.3	6.0
JSC 2013-7S	3.7	3.0	3.7	5.0	4.7	4.3	4.7	5.3	6.3	6.0	5.0	5.0	4.7	5.7
JSC 2013-8S	3.3	3.3	4.0	5.3	4.7	4.7	4.7	5.7	7.0	5.7	5.0	5.7	6.0	5.7
MONACO	3.0	3.0	3.7	4.3	4.0	4.0	4.0	4.3	5.7	7.3	7.0	7.0	7.7	6.3
OKS2015-1	3.7	3.3	3.7	5.3	4.7	4.3	4.0	5.0	6.0	5.3	4.7	5.7	5.3	5.7
OKS2015-3	3.7	3.7	4.0	5.3	5.0	4.7	4.7	5.3	5.7	5.0	3.7	5.0	3.7	5.7
OKS2015-7	4.3	4.0	4.3	6.7	6.7	6.7	6.0	6.3	5.7	5.7	5.7	6.0	5.7	6.3
PST-R6TM	4.3	3.7	4.0	5.7	4.7	4.7	4.7	5.0	4.7	4.7	4.3	4.7	4.0	5.0
RIVIERA	4.0	3.7	3.7	5.3	5.3	4.7	4.3	5.0	6.0	5.0	3.7	5.0	3.7	5.3
SUN QUEEN (PST-R6MM)	3.7	3.3	3.3	4.3	4.0	3.7	3.3	4.3	5.7	6.0	5.3	5.0	4.7	5.7
LSD VALUE	1.1	1.5	2.0	5.4	4.8	4.8	4.8	4.5	1.8	2.4	3.2	1.9	3.1	1.8
C.V. (%)	13.5	15.7	17.5	33.0	32.8	34.1	34.9	27.9	13.3	17.9	26.4	14.9	27.5	11.4

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

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

TABLE 27C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER SALINITY AT LAS CRUCES, NM 1/
2021 DATA

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

QUALITY RATINGS MARCH 12-SEPTEMBER 23

NAME	3/12	3/25	4/8	4/22	5/6	5/20	6/3	7/1	7/15	7/29	8/15	8/27	9/2	9/23
ASTRO	2.0	3.0	5.0	5.7	5.3	5.0	4.0	7.3	8.3	8.0	8.0	8.7	8.0	8.0
FB 1628	2.3	4.0	5.0	4.0	3.0	2.7	2.7	2.7	5.0	6.7	6.7	8.0	7.0	7.0
FB 1630	3.3	5.0	8.3	7.3	6.3	6.7	6.3	7.0	6.7	5.7	6.0	6.7	6.7	7.0
FB 1902	2.0	3.7	4.0	5.0	4.7	5.7	6.3	8.0	8.0	7.3	6.3	5.3	7.7	8.0
FB 1903	3.0	3.7	5.0	4.3	3.3	3.0	2.7	3.7	7.3	7.0	6.7	7.0	6.7	7.3
JSC 77V	2.3	3.3	5.0	6.0	5.0	5.7	5.7	6.7	7.0	7.3	6.7	6.3	6.7	6.3
JSC 80V	2.0	3.3	7.0	7.7	7.7	7.3	7.0	8.3	8.3	7.3	6.0	6.0	6.7	5.7
LATITUDE 36	2.3	3.7	4.7	5.3	4.0	3.7	4.0	6.0	7.7	7.3	7.0	6.0	7.3	7.7
MSB-1017	2.3	3.7	7.0	7.7	6.7	7.3	8.0	8.3	7.0	6.3	6.3	6.3	5.0	7.7
MSB-1026	1.7	3.3	4.7	5.7	5.7	7.3	8.3	8.7	8.3	7.3	5.3	3.3	6.0	7.7
MSB-1042	1.3	2.7	4.3	5.3	5.7	5.0	4.7	4.7	7.3	6.3	5.0	5.0	4.0	3.0
MSB-1048	1.7	3.0	5.7	6.7	6.7	7.7	7.7	8.3	8.3	7.3	7.3	7.3	8.3	8.0
MSB-1050	1.7	3.3	6.7	7.7	7.7	8.0	8.7	8.7	7.3	5.0	5.0	5.7	6.7	7.7
MSB-1075	1.3	2.7	5.0	6.0	6.3	7.0	7.0	8.3	8.3	8.0	6.7	5.3	6.3	4.7
OKC1406	2.7	3.7	6.3	6.3	6.0	6.3	6.3	6.7	6.7	6.0	5.7	5.0	6.0	5.3
OKC1666	2.0	3.7	5.7	5.7	5.3	5.0	4.7	4.3	6.7	7.7	7.7	7.3	7.7	6.7
OKC1682	1.0	2.0	1.7	2.7	3.3	4.7	5.7	7.3	6.7	6.7	6.7	7.0	8.0	7.7
OKC1873	2.7	3.0	3.3	4.0	4.0	4.0	3.0	5.0	8.3	8.0	7.7	5.0	7.7	6.3
OKC1876	2.0	3.7	4.0	3.7	3.3	3.7	3.3	6.0	7.0	7.3	7.0	7.0	8.0	7.7
TAHOMA 31	2.0	3.3	5.3	5.3	5.0	5.0	5.0	6.0	7.0	7.0	7.0	7.7	7.7	7.0
TIFTUF	1.0	2.0	1.7	1.7	2.0	3.7	4.7	6.0	6.3	5.7	5.0	5.3	5.7	4.7
TIFWAY	2.0	3.3	5.7	6.7	7.0	7.0	7.0	8.0	6.0	7.3	7.0	5.7	8.0	8.0
LSD VALUE	1.1	1.3	3.6	4.1	3.9	4.3	4.3	3.3	3.6	3.3	4.6	3.1	2.4	1.9
C.V. (%)	30.0	20.2	35.4	35.1	35.8	36.3	38.1	26.5	18.7	17.7	23.4	23.7	17.5	16.7

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

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

TABLE 27C.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER SALINITY AT LAS CRUCES, NM 1/
2021 DATA

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

NAME	GENETIC COLOR	LEAF TEXTURE	PERCENT 3/12	SPRING 3/25	GREEN UP 4/8	MARCH-APRIL 4/22
ASTRO	7.0	6.0	0.0	3.0	38.7	58.0
FB 1628	5.7	6.0	1.0	15.0	44.0	42.7
FB 1630	7.0	6.0	3.0	36.3	83.7	84.3
FB 1902	8.7	8.0	0.0	3.7	27.0	51.3
FB 1903	5.3	5.0	2.0	13.7	48.3	44.0
JSC 77V	6.3	6.0	0.7	5.3	42.0	58.7
JSC 80V	8.7	7.0	0.7	8.0	68.0	86.7
LATITUDE 36	7.3	6.7	0.3	7.0	40.0	50.7
MSB-1017	7.0	6.3	1.0	6.7	68.3	87.0
MSB-1026	9.0	7.0	0.0	2.0	37.3	60.0
MSB-1042	5.3	5.7	0.0	2.3	33.3	58.3
MSB-1048	8.0	6.7	0.0	2.7	49.0	71.0
MSB-1050	6.0	5.7	0.7	6.0	60.7	80.3
MSB-1075	8.0	6.7	0.0	1.3	43.0	59.3
OKC1406	6.7	6.0	1.3	7.7	57.0	68.0
OKC1666	7.0	6.0	0.0	4.3	49.0	61.7
OKC1682	6.7	6.0	0.0	0.0	4.7	18.0
OKC1873	7.7	7.0	1.3	4.0	23.3	35.0
OKC1876	7.3	6.7	0.3	3.7	31.0	32.3
TAHOMA 31	5.7	5.7	1.3	13.7	51.7	57.3
TIFTUF	6.3	6.3	0.0	0.0	1.3	7.0
TIFWAY	8.0	7.0	0.0	5.3	50.7	75.3
LSD VALUE	1.6	1.4	1.1	9.6	41.3	54.2
C.V. (%)	13.1	11.5	105.5	84.8	48.7	44.8

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 27C.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER SALINITY AT LAS CRUCES, NM 1/
2021 DATA

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

PERCENT GROUND COVER MAY 6-SEPTEMBER 23

NAME	5/6	5/20	6/3	7/1	7/15	7/29	8/15	8/27	9/2	9/23
ASTRO	55.0	53.7	40.0	89.3	98.3	96.3	95.3	97.0	98.7	95.7
FB 1628	27.7	23.7	20.7	25.7	76.0	84.7	90.0	96.0	94.0	92.3
FB 1630	73.3	76.7	73.3	93.7	94.3	80.0	89.7	83.3	97.7	94.0
FB 1902	42.0	58.0	70.3	97.7	98.7	93.3	88.0	60.7	98.7	98.3
FB 1903	36.7	27.0	16.7	36.0	97.0	95.0	95.3	88.0	99.0	94.7
JSC 77V	52.3	59.0	66.0	88.7	98.7	98.3	97.0	92.0	99.0	94.7
JSC 80V	73.0	79.0	74.0	97.0	99.0	94.0	87.3	73.0	99.0	87.3
LATITUDE 36	35.0	29.7	34.3	71.7	97.7	97.0	96.0	77.3	99.0	98.7
MSB-1017	78.3	89.7	93.3	99.0	94.3	89.7	91.0	79.3	88.0	97.7
MSB-1026	46.0	83.0	95.0	99.0	99.0	93.7	79.7	37.3	92.0	94.7
MSB-1042	59.3	55.7	44.3	51.7	97.7	89.0	81.7	56.0	85.7	48.7
MSB-1048	73.0	83.3	84.7	99.0	98.3	92.3	89.7	83.7	99.0	95.0
MSB-1050	84.0	93.3	96.3	99.0	93.3	68.0	83.3	69.7	97.0	95.0
MSB-1075	64.7	77.7	79.3	94.3	99.0	95.7	88.0	62.7	95.3	63.7
OKC1406	64.7	68.7	67.3	80.7	93.7	80.0	83.0	56.3	92.7	70.3
OKC1666	53.7	52.0	47.3	45.3	91.7	97.0	97.7	91.0	99.0	91.7
OKC1682	25.0	41.0	52.0	92.3	86.0	82.3	89.3	85.7	99.0	97.0
OKC1873	36.0	34.0	24.3	57.3	98.3	99.0	97.7	59.0	99.0	86.7
OKC1876	32.3	35.3	33.7	70.0	90.3	93.7	91.7	82.0	98.7	91.7
TAHOMA 31	53.3	56.7	54.3	68.0	90.3	95.0	94.3	92.0	99.0	93.7
TIFTUF	15.3	37.7	49.0	65.0	93.3	83.0	81.7	64.0	95.0	70.3
TIFWAY	79.0	81.3	84.7	98.7	88.0	95.3	95.3	69.3	99.0	99.0
LSD VALUE	53.5	58.6	64.4	50.4	30.3	27.8	34.5	32.2	13.0	20.2
C.V. (%)	46.3	45.8	50.8	32.5	10.5	12.2	11.8	22.3	5.5	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 27C.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER SALINITY AT LAS CRUCES, NM 1/
2021 DATA

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

COLOR RATINGS MARCH 12-SEPTEMBER 23

NAME	3/12	3/25	4/8	4/22	5/6	5/20	6/3	7/1	7/15	7/29	8/15	8/27	9/2	9/23
ASTRO	2.7	2.7	3.7	5.7	5.3	5.0	4.7	6.0	7.7	7.3	7.7	8.3	7.0	7.3
FB 1628	3.3	3.3	3.7	4.3	3.0	2.7	2.3	2.7	4.0	5.7	6.3	7.3	6.7	6.0
FB 1630	3.3	5.0	4.7	6.7	6.0	5.7	5.3	6.0	5.3	4.7	5.0	5.7	5.3	5.7
FB 1902	2.0	2.7	3.3	5.7	4.7	5.7	6.0	6.7	7.3	6.0	5.7	5.0	6.7	8.0
FB 1903	3.3	3.0	3.7	4.0	3.7	3.0	2.7	3.3	5.7	5.7	5.7	5.3	5.0	6.0
JSC 77V	4.0	3.3	3.7	5.7	5.0	5.7	5.3	5.7	5.3	6.0	4.3	4.7	4.0	4.3
JSC 80V	3.7	3.3	4.3	7.3	7.0	6.7	7.3	7.3	7.7	6.7	4.3	5.0	4.7	3.7
LATITUDE 36	3.0	3.0	3.7	5.7	4.0	3.7	4.0	5.3	6.7	6.7	6.0	5.3	6.3	6.7
MSB-1017	4.0	3.7	4.3	7.3	6.7	6.7	7.0	7.3	5.3	5.3	5.0	5.7	4.3	6.3
MSB-1026	3.0	3.0	3.7	5.7	5.7	7.0	7.7	8.3	7.3	6.7	4.3	3.0	5.0	6.7
MSB-1042	4.0	3.0	3.3	5.0	5.0	5.0	4.7	4.0	6.0	5.0	3.7	4.7	3.3	2.3
MSB-1048	2.7	2.7	3.7	6.3	6.7	6.7	7.0	7.7	8.0	6.3	6.3	7.3	8.0	7.0
MSB-1050	3.3	3.3	4.3	7.3	7.7	8.0	8.3	7.7	5.7	4.3	3.7	4.7	4.3	6.7
MSB-1075	3.0	2.3	3.3	5.7	6.0	6.7	7.0	7.3	8.0	7.3	5.7	5.0	5.0	4.0
OKC1406	4.0	3.3	4.3	6.3	6.0	6.0	6.0	6.0	5.7	5.3	4.3	4.7	4.3	4.3
OKC1666	3.0	3.3	4.0	5.3	5.3	5.0	4.7	4.0	5.7	7.0	7.0	6.7	6.7	5.7
OKC1682	3.0	2.0	2.7	3.3	3.7	4.3	5.3	6.7	6.3	6.0	5.7	6.3	7.0	6.7
OKC1873	4.0	3.0	3.0	4.0	4.0	4.0	3.3	4.3	7.7	7.3	6.7	4.3	6.0	5.3
OKC1876	3.3	3.0	3.3	3.7	3.7	4.0	4.0	5.7	5.7	6.3	6.3	6.7	6.7	7.3
TAHOMA 31	4.0	3.3	3.7	5.0	4.3	4.7	4.7	5.3	5.7	6.0	5.3	6.7	6.3	6.0
TIFTUF	4.0	2.7	2.0	2.0	2.3	3.3	4.3	5.3	4.7	4.7	3.3	4.7	3.3	3.7
TIFWAY	2.3	3.0	4.0	6.7	6.7	6.7	7.0	6.7	4.7	5.7	6.0	5.3	6.7	7.0
LSD VALUE	0.5	1.2	1.4	4.1	3.0	3.7	3.3	2.5	3.0	3.6	3.7	2.7	2.2	1.8
C.V. (%)	10.2	19.9	18.7	33.2	30.3	33.2	31.9	23.9	22.7	22.4	28.8	24.5	22.3	18.8

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 28A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER POTABLE WATER AT LAS CRUCES, NM 1/
2020, 2022-23 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	PERCENT GROUND COVER			QUALITY RATINGS							MEAN	
				SPRING	SUMMER	FALL	APR	MAY	JUN	JUL	AUG	SEP	OCT		NOV
FB 1903	6.7	4.4	6.7	68.1	94.7	90.1	6.5	7.3	8.4	8.8	8.4	8.2	8.0	5.3	7.9
CELEBRATION HYBRID (MSB-1017)	7.0	4.9	6.7	70.8	97.0	84.7	5.8	7.4	8.4	8.4	8.1	7.8	7.4	6.0	7.7
FB 1628	7.3	5.3	6.7	74.4	92.8	89.4	7.3	7.8	7.9	8.2	7.8	7.2	7.2	4.0	7.6
OKC1873	6.0	5.0	6.0	67.9	93.7	76.6	6.5	6.9	8.0	8.4	8.4	7.5	8.0	4.7	7.6
TAHOMA 31	5.7	4.9	6.0	74.9	97.7	74.1	5.7	8.1	8.3	8.4	8.0	7.2	7.1	6.0	7.6
MSB-1042	5.0	4.8	4.7	63.6	87.2	74.4	6.2	7.8	8.1	8.1	7.8	6.8	6.8	3.7	7.5
OKC1876	6.7	5.2	6.3	76.2	95.4	86.2	6.8	7.8	8.3	8.3	7.4	6.7	7.1	4.0	7.5
LATITUDE 36	6.0	5.4	5.7	76.2	90.8	71.4	6.0	7.8	7.7	8.4	8.0	7.0	6.6	5.3	7.4
TIFTUF	6.0	5.6	6.3	79.0	96.0	68.3	7.7	8.0	7.8	7.8	7.4	6.0	6.7	2.3	7.4
TIFWAY	7.1	5.6	6.9	73.9	92.3	83.3	6.3	7.3	7.8	8.0	8.0	7.2	7.4	4.3	7.4
JSC 2013-10S	6.7	5.1	6.0	81.6	93.8	86.9	6.8	7.3	7.2	7.9	7.8	6.8	7.2	6.0	7.2
MSB-1075	7.0	4.3	6.3	61.6	94.7	78.4	4.5	6.0	8.2	8.0	8.1	7.5	7.4	4.7	7.2
FB 1630	6.0	5.7	6.0	72.2	90.1	87.7	6.7	7.4	7.3	8.2	7.1	6.7	6.9	4.7	7.1
MSB-1048	7.7	4.0	7.0	59.1	96.0	81.4	4.7	6.9	7.4	7.9	7.8	7.2	6.7	4.3	7.1
MSB-1050	7.0	4.6	6.3	59.7	93.9	78.4	4.2	6.1	7.2	7.9	8.1	7.3	7.7	4.7	7.1
OKC1406	6.0	4.6	6.0	70.9	88.3	71.4	6.0	7.8	7.7	8.0	7.3	6.3	6.1	3.3	7.1
SUN QUEEN (PST-R6MM)	5.7	4.9	6.0	66.9	90.4	83.3	6.5	7.2	7.6	8.1	7.3	7.5	7.0	5.3	7.1
JSC 2013-8S	6.7	4.9	6.7	83.0	92.7	87.2	6.3	6.6	6.4	8.1	7.7	7.3	7.6	5.0	7.0
JSC 2013-12S	5.7	4.9	5.7	74.9	91.9	81.7	6.3	7.2	6.9	7.6	7.3	6.5	6.7	5.7	6.9
COPPERHEAD (DLF-460/3048)	6.3	4.1	6.0	54.7	92.1	84.7	6.8	7.1	7.2	7.9	7.1	6.2	6.7	4.0	6.8
ASTRO	8.0	5.3	7.3	75.8	92.4	82.4	5.0	7.0	7.6	7.6	7.1	6.5	6.4	6.0	6.7
FB 1902	7.7	5.2	7.0	77.7	90.0	78.3	5.3	6.4	7.2	7.6	7.2	7.2	6.8	5.3	6.7
MONACO	7.3	5.9	6.3	84.8	94.4	81.1	6.5	7.1	6.6	7.3	7.2	6.2	6.2	4.3	6.7
OKC1682	6.3	4.6	6.0	69.8	94.7	73.2	4.7	6.1	7.3	7.8	7.0	6.5	6.8	5.3	6.7
RIVIERA	3.3	4.1	3.3	76.4	79.3	78.3	6.8	6.7	6.8	7.8	7.3	6.2	6.0	4.0	6.7
JSC 80V	4.7	4.3	5.7	66.6	92.6	66.0	5.3	6.8	6.2	7.7	7.1	6.7	6.9	5.3	6.6
OKS2015-3	6.0	4.8	5.7	73.6	91.8	83.1	5.3	6.0	6.7	7.6	7.4	6.8	6.6	6.3	6.6
PST-R6TM	5.9	4.3	5.9	60.6	90.9	80.4	6.8	6.6	7.4	8.0	7.0	5.8	5.9	3.0	6.6
JSC 2013-5S	5.0	4.0	5.0	73.0	83.1	74.0	6.2	6.4	6.4	7.8	7.1	5.7	6.1	3.3	6.5
JSC 2013-7S	6.7	4.9	6.0	74.8	93.0	86.6	5.8	6.8	6.4	7.8	7.0	5.8	6.3	4.0	6.5
MSB-1026	8.0	4.8	7.0	69.0	93.8	71.6	4.2	6.2	6.9	7.8	7.3	6.0	6.1	3.7	6.5
OKS2015-1	3.7	3.3	3.7	64.8	79.7	74.0	5.2	6.0	6.2	7.0	7.0	6.0	6.1	5.3	6.3
OKS2015-7	6.3	4.2	5.7	74.0	88.4	85.4	5.8	6.0	6.2	7.7	7.3	5.7	5.9	3.0	6.3
JSC 77V	5.0	5.0	5.7	71.1	91.4	58.8	5.2	6.6	6.9	7.2	6.4	5.2	5.3	3.0	6.2
OKC1666	5.7	4.1	5.7	58.3	92.9	54.3	4.5	5.4	7.1	7.6	6.8	5.2	5.0	4.0	6.0
LSD VALUE	0.9	4.0	0.6	60.9	10.7	29.4	1.4	1.3	1.2	1.7	3.0	4.8	2.5	5.0	1.9
C.V. (%)	16.4	37.6	12.2	35.1	9.8	25.8	20.0	18.1	16.4	12.9	19.3	27.8	25.5	36.1	17.5

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 28A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER POTABLE WATER AT LAS CRUCES, NM 1/
2020, 2022-23 DATA

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

NAME	COLOR						PERCENT ESTABLISHMENT				
	SEPTEMBER	OCTOBER	NOVEMBER	SPRING	SUMMER	FALL	JULY 25	AUG 22	SEPT 11	SEPT 26	OCT 9
FB 1903	6.7	7.0	6.3	6.0	6.3	6.8	64.7	84.7	95.0	84.3	92.3
CELEBRATION HYBRID (MSB-1017)	6.0	6.7	6.7	5.0	5.7	5.2	35.7	81.3	87.3	84.7	73.7
FB 1628	7.0	7.0	7.3	6.0	7.7	7.0	21.0	78.7	90.0	95.7	96.3
OKC1873	5.3	5.0	4.7	5.3	5.8	6.5	21.3	50.3	70.7	84.7	85.7
TAHOMA 31	4.7	5.0	4.0	4.3	5.0	4.0	46.7	66.7	80.3	85.7	83.7
MSB-1042	3.7	4.0	3.0	4.8	5.2	5.0	29.3	64.3	70.0	67.0	58.0
OKC1876	6.3	6.0	6.3	4.8	5.2	5.5	28.7	78.3	93.7	94.7	95.7
LATITUDE 36	5.0	6.0	6.0	4.2	5.5	5.5	33.7	77.0	86.7	90.7	92.0
TIFTUF	3.7	3.0	3.0	5.2	5.3	5.3	33.0	73.3	93.0	86.7	86.3
TIFWAY	5.3	6.3	6.7	5.3	6.8	5.3	25.0	82.7	90.7	94.0	96.0
JSC 2013-10S	7.0	7.0	6.0	4.8	5.2	6.7	87.7	93.7	92.0	93.0	95.0
MSB-1075	6.0	6.3	5.3	6.0	7.2	7.0	11.7	58.7	61.3	67.7	65.3
FB 1630	5.7	6.7	6.7	4.7	5.7	5.8	11.0	76.0	80.3	82.3	91.7
MSB-1048	7.0	6.0	5.7	6.2	5.3	6.2	10.7	47.0	78.0	80.3	82.7
MSB-1050	5.0	5.0	4.0	7.7	7.0	6.8	38.0	77.3	78.7	88.3	90.7
OKC1406	4.7	4.0	3.3	4.2	5.7	5.7	15.0	57.3	67.0	69.0	70.3
SUN QUEEN (PST-R6MM)	6.3	6.7	6.0	4.5	5.5	5.2	88.7	80.0	76.7	84.3	90.3
JSC 2013-8S	6.0	7.0	5.7	4.0	5.3	6.7	81.3	94.3	98.0	94.0	96.7
JSC 2013-12S	5.3	6.0	5.0	4.8	5.3	6.3	48.7	95.7	97.3	95.3	96.3
COPPERHEAD (DLF-460/3048)	6.7	6.7	5.0	3.8	6.3	5.7	39.0	82.0	81.0	91.7	92.7
ASTRO	7.0	7.0	6.7	4.3	4.7	6.0	20.3	62.7	74.7	83.7	86.7
FB 1902	6.3	6.7	6.7	4.2	5.2	4.2	9.0	73.7	87.0	87.0	91.7
MONACO	5.3	5.7	6.3	4.2	4.8	6.5	11.7	58.7	76.0	86.0	88.7
OKC1682	4.7	4.0	3.3	4.5	5.7	4.5	9.7	47.0	69.7	71.0	77.3
RIVIERA	5.7	5.3	4.7	3.0	5.0	6.0	84.0	91.0	94.0	94.0	93.0
JSC 80V	3.0	3.0	2.3	3.7	3.5	5.5	22.7	64.7	84.3	86.3	85.0
OKS2015-3	6.3	6.3	5.0	4.2	5.7	6.2	75.3	94.3	92.0	97.3	97.7
PST-R6TM	6.3	6.0	6.0	3.8	6.0	5.5	78.0	81.7	96.7	85.7	88.0
JSC 2013-5S	4.7	4.7	4.3	4.8	5.0	6.7	89.0	92.0	96.0	82.0	92.0
JSC 2013-7S	6.3	6.7	5.3	4.2	4.8	6.5	91.0	93.0	97.3	93.7	96.0
MSB-1026	5.3	4.7	4.0	3.8	6.5	6.5	14.3	62.3	71.7	87.0	85.0
OKS2015-1	5.0	4.3	3.3	3.8	5.2	5.5	39.7	89.3	90.7	93.3	93.3
OKS2015-7	7.0	6.7	5.7	3.3	4.8	5.8	79.3	95.0	97.0	90.7	97.0
JSC 77V	3.3	2.7	3.0	4.2	5.2	4.8	41.0	72.3	86.7	80.3	85.3
OKC1666	3.7	3.3	3.0	4.0	4.3	4.8	15.7	58.7	74.3	71.0	71.7
LSD VALUE	2.6	2.9	2.8	1.9	1.3	1.0	22.2	21.0	23.5	16.1	12.7
C.V. (%)	23.6	27.0	29.3	31.6	19.9	14.8	35.4	16.6	14.0	10.2	8.9

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 28B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER POTABLE WATER AT LAS CRUCES, NM 1/
2020, 2022-23 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	PERCENT GROUND COVER			QUALITY RATINGS							MEAN	
				SPRING	SUMMER	FALL	APR	MAY	JUN	JUL	AUG	SEP	OCT		NOV
JSC 2013-10S	6.7	5.1	6.0	81.6	93.8	86.9	6.8	7.3	7.2	7.9	7.8	6.8	7.2	6.0	7.2
SUN QUEEN (PST-R6MM)	5.7	4.9	6.0	66.9	90.4	83.3	6.5	7.2	7.6	8.1	7.3	7.5	7.0	5.3	7.1
JSC 2013-8S	6.7	4.9	6.7	83.0	92.7	87.2	6.3	6.6	6.4	8.1	7.7	7.3	7.6	5.0	7.0
JSC 2013-12S	5.7	4.9	5.7	74.9	91.9	81.7	6.3	7.2	6.9	7.6	7.3	6.5	6.7	5.7	6.9
COPPERHEAD (DLF-460/3048)	6.3	4.1	6.0	54.7	92.1	84.7	6.8	7.1	7.2	7.9	7.1	6.2	6.7	4.0	6.8
MONACO	7.3	5.9	6.3	84.8	94.4	81.1	6.5	7.1	6.6	7.3	7.2	6.2	6.2	4.3	6.7
RIVIERA	3.3	4.1	3.3	76.4	79.3	78.3	6.8	6.7	6.8	7.8	7.3	6.2	6.0	4.0	6.7
OKS2015-3	6.0	4.8	5.7	73.6	91.8	83.1	5.3	6.0	6.7	7.6	7.4	6.8	6.6	6.3	6.6
PST-R6TM	5.9	4.3	5.9	60.6	90.9	80.4	6.8	6.6	7.4	8.0	7.0	5.8	5.9	3.0	6.6
JSC 2013-5S	5.0	4.0	5.0	73.0	83.1	74.0	6.2	6.4	6.4	7.8	7.1	5.7	6.1	3.3	6.5
JSC 2013-7S	6.7	4.9	6.0	74.8	93.0	86.6	5.8	6.8	6.4	7.8	7.0	5.8	6.3	4.0	6.5
OKS2015-1	3.7	3.3	3.7	64.8	79.7	74.0	5.2	6.0	6.2	7.0	7.0	6.0	6.1	5.3	6.3
OKS2015-7	6.3	4.2	5.7	74.0	88.4	85.4	5.8	6.0	6.2	7.7	7.3	5.7	5.9	3.0	6.3
LSD VALUE	0.8	1.5	0.8	25.9	16.8	20.4	1.3	1.6	1.6	1.3	2.7	4.0	2.9	5.2	1.8
C.V. (%)	15.8	28.4	15.8	27.8	14.0	15.7	14.8	17.9	16.7	11.0	17.6	28.3	25.9	42.1	14.9

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

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

TABLE 28B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER POTABLE WATER AT LAS CRUCES, NM 1/
2020, 2022-23 DATA

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

NAME	COLOR SEPTEMBER	COLOR OCTOBER	COLOR NOVEMBER	COLOR SPRING	COLOR SUMMER	COLOR FALL	PERCENT JULY 25	ESTABLISHMENT AUG 22	JULY SEPT 11	25-OCTOBER SEPT 26	9 OCT 9
JSC 2013-10S	7.0	7.0	6.0	4.8	5.2	6.7	87.7	93.7	92.0	93.0	95.0
SUN QUEEN (PST-R6MM)	6.3	6.7	6.0	4.5	5.5	5.2	88.7	80.0	76.7	84.3	90.3
JSC 2013-8S	6.0	7.0	5.7	4.0	5.3	6.7	81.3	94.3	98.0	94.0	96.7
JSC 2013-12S	5.3	6.0	5.0	4.8	5.3	6.3	48.7	95.7	97.3	95.3	96.3
COPPERHEAD (DLF-460/3048)	6.7	6.7	5.0	3.8	6.3	5.7	39.0	82.0	81.0	91.7	92.7
MONACO	5.3	5.7	6.3	4.2	4.8	6.5	11.7	58.7	76.0	86.0	88.7
RIVIERA	5.7	5.3	4.7	3.0	5.0	6.0	84.0	91.0	94.0	94.0	93.0
OKS2015-3	6.3	6.3	5.0	4.2	5.7	6.2	75.3	94.3	92.0	97.3	97.7
PST-R6TM	6.3	6.0	6.0	3.8	6.0	5.5	78.0	81.7	96.7	85.7	88.0
JSC 2013-5S	4.7	4.7	4.3	4.8	5.0	6.7	89.0	92.0	96.0	82.0	92.0
JSC 2013-7S	6.3	6.7	5.3	4.2	4.8	6.5	91.0	93.0	97.3	93.7	96.0
OKS2015-1	5.0	4.3	3.3	3.8	5.2	5.5	39.7	89.3	90.7	93.3	93.3
OKS2015-7	7.0	6.7	5.7	3.3	4.8	5.8	79.3	95.0	97.0	90.7	97.0
LSD VALUE	1.1	2.1	1.0	2.8	1.8	1.1	15.6	17.4	27.4	6.9	7.0
C.V. (%)	10.3	16.5	11.7	34.1	18.9	13.1	14.7	10.8	12.5	4.3	3.7

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 28C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER POTABLE WATER AT LAS CRUCES, NM 1/
2020, 2022-23 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	PERCENT GROUND COVER			QUALITY RATINGS							MEAN	
				SPRING	SUMMER	FALL	APR	MAY	JUN	JUL	AUG	SEP	OCT		NOV
FB 1903	6.7	4.4	6.7	68.1	94.7	90.1	6.5	7.3	8.4	8.8	8.4	8.2	8.0	5.3	7.9
CELEBRATION HYBRID (MSB-1017)	7.0	4.9	6.7	70.8	97.0	84.7	5.8	7.4	8.4	8.4	8.1	7.8	7.4	6.0	7.7
FB 1628	7.3	5.3	6.7	74.4	92.8	89.4	7.3	7.8	7.9	8.2	7.8	7.2	7.2	4.0	7.6
OKC1873	6.0	5.0	6.0	67.9	93.7	76.6	6.5	6.9	8.0	8.4	8.4	7.5	8.0	4.7	7.6
TAHOMA 31	5.7	4.9	6.0	74.9	97.7	74.1	5.7	8.1	8.3	8.4	8.0	7.2	7.1	6.0	7.6
MSB-1042	5.0	4.8	4.7	63.6	87.2	74.4	6.2	7.8	8.1	8.1	7.8	6.8	6.8	3.7	7.5
OKC1876	6.7	5.2	6.3	76.2	95.4	86.2	6.8	7.8	8.3	8.3	7.4	6.7	7.1	4.0	7.5
LATITUDE 36	6.0	5.4	5.7	76.2	90.8	71.4	6.0	7.8	7.7	8.4	8.0	7.0	6.6	5.3	7.4
TIFTUF	6.0	5.6	6.3	79.0	96.0	68.3	7.7	8.0	7.8	7.8	7.4	6.0	6.7	2.3	7.4
TIFWAY	7.1	5.6	6.9	73.9	92.3	83.3	6.3	7.3	7.8	8.0	8.0	7.2	7.4	4.3	7.4
MSB-1075	7.0	4.3	6.3	61.6	94.7	78.4	4.5	6.0	8.2	8.0	8.1	7.5	7.4	4.7	7.2
FB 1630	6.0	5.7	6.0	72.2	90.1	87.7	6.7	7.4	7.3	8.2	7.1	6.7	6.9	4.7	7.1
MSB-1048	7.7	4.0	7.0	59.1	96.0	81.4	4.7	6.9	7.4	7.9	7.8	7.2	6.7	4.3	7.1
MSB-1050	7.0	4.6	6.3	59.7	93.9	78.4	4.2	6.1	7.2	7.9	8.1	7.3	7.7	4.7	7.1
OKC1406	6.0	4.6	6.0	70.9	88.3	71.4	6.0	7.8	7.7	8.0	7.3	6.3	6.1	3.3	7.1
ASTRO	8.0	5.3	7.3	75.8	92.4	82.4	5.0	7.0	7.6	7.6	7.1	6.5	6.4	6.0	6.7
FB 1902	7.7	5.2	7.0	77.7	90.0	78.3	5.3	6.4	7.2	7.6	7.2	7.2	6.8	5.3	6.7
OKC1682	6.3	4.6	6.0	69.8	94.7	73.2	4.7	6.1	7.3	7.8	7.0	6.5	6.8	5.3	6.7
JSC 80V	4.7	4.3	5.7	66.6	92.6	66.0	5.3	6.8	6.2	7.7	7.1	6.7	6.9	5.3	6.6
MSB-1026	8.0	4.8	7.0	69.0	93.8	71.6	4.2	6.2	6.9	7.8	7.3	6.0	6.1	3.7	6.5
JSC 77V	5.0	5.0	5.7	71.1	91.4	58.8	5.2	6.6	6.9	7.2	6.4	5.2	5.3	3.0	6.2
OKC1666	5.7	4.1	5.7	58.3	92.9	54.3	4.5	5.4	7.1	7.6	6.8	5.2	5.0	4.0	6.0
LSD VALUE	1.0	4.9	0.5	67.4	7.6	35.0	1.5	1.3	1.5	2.0	2.6	4.2	2.2	4.0	2.1
C.V. (%)	16.7	41.6	10.0	39.2	6.5	30.9	22.7	18.2	16.3	13.9	20.2	27.4	25.1	33.0	18.7

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 28C.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER POTABLE WATER AT LAS CRUCES, NM 1/
2020, 2022-23 DATA

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

NAME	COLOR	COLOR	COLOR	COLOR	COLOR	COLOR	PERCENT ESTABLISHMENT JULY 25-OCTOBER 9				
	SEPTEMBER	OCTOBER	NOVEMBER	SPRING	SUMMER	FALL	JULY 25	AUG 22	SEPT 11	SEPT 26	OCT 9
FB 1903	6.7	7.0	6.3	6.0	6.3	6.8	64.7	84.7	95.0	84.3	92.3
CELEBRATION HYBRID (MSB-1017)	6.0	6.7	6.7	5.0	5.7	5.2	35.7	81.3	87.3	84.7	73.7
FB 1628	7.0	7.0	7.3	6.0	7.7	7.0	21.0	78.7	90.0	95.7	96.3
OKC1873	5.3	5.0	4.7	5.3	5.8	6.5	21.3	50.3	70.7	84.7	85.7
TAHOMA 31	4.7	5.0	4.0	4.3	5.0	4.0	46.7	66.7	80.3	85.7	83.7
MSB-1042	3.7	4.0	3.0	4.8	5.2	5.0	29.3	64.3	70.0	67.0	58.0
OKC1876	6.3	6.0	6.3	4.8	5.2	5.5	28.7	78.3	93.7	94.7	95.7
LATITUDE 36	5.0	6.0	6.0	4.2	5.5	5.5	33.7	77.0	86.7	90.7	92.0
TIFTUF	3.7	3.0	3.0	5.2	5.3	5.3	33.0	73.3	93.0	86.7	86.3
TIFWAY	5.3	6.3	6.7	5.3	6.8	5.3	25.0	82.7	90.7	94.0	96.0
MSB-1075	6.0	6.3	5.3	6.0	7.2	7.0	11.7	58.7	61.3	67.7	65.3
FB 1630	5.7	6.7	6.7	4.7	5.7	5.8	11.0	76.0	80.3	82.3	91.7
MSB-1048	7.0	6.0	5.7	6.2	5.3	6.2	10.7	47.0	78.0	80.3	82.7
MSB-1050	5.0	5.0	4.0	7.7	7.0	6.8	38.0	77.3	78.7	88.3	90.7
OKC1406	4.7	4.0	3.3	4.2	5.7	5.7	15.0	57.3	67.0	69.0	70.3
ASTRO	7.0	7.0	6.7	4.3	4.7	6.0	20.3	62.7	74.7	83.7	86.7
FB 1902	6.3	6.7	6.7	4.2	5.2	4.2	9.0	73.7	87.0	87.0	91.7
OKC1682	4.7	4.0	3.3	4.5	5.7	4.5	9.7	47.0	69.7	71.0	77.3
JSC 80V	3.0	3.0	2.3	3.7	3.5	5.5	22.7	64.7	84.3	86.3	85.0
MSB-1026	5.3	4.7	4.0	3.8	6.5	6.5	14.3	62.3	71.7	87.0	85.0
JSC 77V	3.3	2.7	3.0	4.2	5.2	4.8	41.0	72.3	86.7	80.3	85.3
OKC1666	3.7	3.3	3.0	4.0	4.3	4.8	15.7	58.7	74.3	71.0	71.7
LSD VALUE	3.4	3.6	3.6	2.0	1.3	1.0	35.9	29.8	27.4	23.0	16.4
C.V. (%)	29.5	32.8	36.9	30.2	20.5	15.9	66.7	20.5	15.2	12.8	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 29A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER POTABLE WATER AT LAS CRUCES, NM 1/
2021 DATA

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

QUALITY RATINGS MARCH 12-SEPTEMBER 23

NAME	3/12	3/25	4/8	4/22	5/6	5/20	6/3	7/1	7/15	7/29	8/15	8/27	9/2	9/23
ASTRO	2.0	3.7	8.3	8.7	8.7	8.3	8.0	8.0	7.3	7.3	7.0	7.7	8.0	7.7
COPPERHEAD (DLF-460/3048)	2.7	3.7	7.0	7.3	7.7	7.3	7.3	7.3	7.0	6.0	6.3	6.7	7.0	7.0
FB 1628	2.0	4.7	8.0	8.0	7.3	8.0	8.3	7.7	7.3	7.3	6.7	7.7	7.3	8.0
FB 1630	2.7	4.3	7.0	6.7	6.7	7.0	7.0	7.3	6.7	6.7	6.3	7.0	6.3	7.0
FB 1902	2.3	4.0	7.0	7.7	8.0	8.0	8.3	7.7	7.7	6.7	6.3	6.0	7.0	7.3
FB 1903	2.7	4.3	6.0	6.3	7.0	6.0	6.7	7.3	6.7	6.0	6.0	5.0	6.3	7.3
JSC 2013-10S	3.3	5.0	8.0	7.7	7.7	7.0	7.7	8.0	7.0	6.7	6.3	7.3	6.7	7.3
JSC 2013-12S	3.3	4.3	7.7	7.3	7.3	6.0	7.0	7.7	7.0	7.0	6.0	5.7	6.0	6.3
JSC 2013-5S	3.0	3.7	6.7	6.0	5.7	4.3	5.3	7.0	7.3	7.0	6.7	6.7	6.7	7.0
JSC 2013-7S	3.0	4.3	8.0	8.0	7.7	6.3	6.3	7.7	7.7	6.3	6.0	6.7	6.7	7.3
JSC 2013-8S	3.0	4.3	7.7	7.0	6.7	6.0	7.0	8.0	7.7	6.7	6.3	6.3	6.3	7.0
JSC 77V	1.7	3.3	5.3	6.0	5.7	5.7	6.0	7.0	7.0	7.0	6.7	6.3	6.7	6.7
JSC 80V	2.0	2.7	4.7	5.3	6.0	6.7	7.0	7.3	6.7	7.0	6.0	5.7	5.3	5.7
LATITUDE 36	2.0	3.3	6.7	7.0	6.7	6.7	6.3	6.7	6.7	6.3	6.0	7.3	7.3	8.0
MONACO	1.7	3.7	5.7	6.3	6.0	5.7	6.0	7.0	7.7	7.3	7.3	6.7	7.3	7.7
MSB-1017	1.7	3.0	6.3	8.0	8.3	9.0	9.0	8.0	5.7	4.0	5.3	6.0	6.3	7.3
MSB-1026	1.0	2.3	2.0	4.7	5.0	6.3	7.7	8.7	8.7	8.3	7.7	6.0	6.7	5.7
MSB-1042	2.3	3.3	6.0	6.7	6.7	7.0	6.7	7.3	7.0	6.7	6.0	6.7	6.7	6.0
MSB-1048	1.0	2.7	3.7	5.7	5.7	7.0	7.3	8.7	7.7	6.7	7.0	6.3	7.0	6.7
MSB-1050	1.3	2.3	3.0	5.0	6.0	7.0	8.0	9.0	7.0	5.0	5.3	4.3	5.7	6.3
MSB-1075	1.3	3.0	4.3	5.3	6.3	7.3	8.3	8.7	7.7	7.0	6.0	6.3	5.7	5.0
OKC1406	2.3	3.7	6.3	6.7	6.7	6.0	5.7	7.3	7.3	7.7	7.0	6.7	6.3	6.7
OKC1666	1.7	3.0	5.3	5.7	5.3	5.0	5.3	6.3	7.7	7.0	6.7	6.3	7.0	5.3
OKC1682	1.3	2.3	2.7	5.0	5.7	6.3	6.7	7.7	7.7	5.7	4.7	4.3	5.3	5.3
OKC1873	2.0	3.3	5.3	7.0	6.7	6.3	6.3	7.7	7.7	6.7	6.3	5.7	6.7	7.0
OKC1876	2.0	4.0	5.0	5.0	5.3	4.7	4.7	7.3	7.3	7.3	7.7	6.7	7.7	7.7
OKS2015-1	3.0	3.7	6.3	5.7	5.7	4.7	5.3	6.3	7.3	6.7	6.7	6.7	7.0	6.7
OKS2015-3	3.0	4.7	7.3	8.0	8.0	7.7	7.3	7.3	6.7	7.0	6.3	6.7	6.3	7.0
OKS2015-7	2.7	4.3	7.3	7.3	7.3	5.7	6.0	7.7	7.3	6.7	6.7	7.7	7.7	8.0
PST-R6TM	3.7	4.3	7.0	7.0	6.7	6.0	6.0	6.3	6.7	6.3	6.3	6.7	6.7	7.0
RIVIERA	3.0	4.3	6.7	5.7	5.7	4.3	4.7	6.3	7.3	7.3	6.7	7.3	7.0	7.3
SUN QUEEN (PST-R6MM)	3.7	4.7	7.0	6.7	7.0	5.7	6.3	7.0	6.3	6.0	6.3	6.7	6.3	7.0
TAHOMA 31	2.0	3.3	6.7	7.3	7.5	8.0	7.7	8.3	7.0	6.3	5.7	5.3	5.7	5.3
TIFTUF	1.3	2.7	3.3	4.3	4.7	5.7	6.3	7.7	6.3	6.0	6.7	5.0	6.3	5.3
TIFWAY	1.7	3.7	7.3	8.3	8.3	8.0	8.0	7.7	6.3	6.7	7.0	7.0	7.7	7.7
LSD VALUE	0.8	1.0	2.8	4.5	5.5	5.6	5.8	2.7	2.2	2.6	4.5	2.4	2.6	2.4
C.V. (%)	21.8	17.0	25.9	25.3	25.6	28.5	26.7	13.2	11.5	15.9	18.6	17.0	14.5	16.0

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 29A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER POTABLE WATER AT LAS CRUCES, NM 1/
2021 DATA

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

NAME	GENETIC COLOR	LEAF TEXTURE	PERCENT 3/12	SPRING 3/25	GREEN 4/8	UP MARCH-APRIL 4/22
ASTRO	8.0	7.3	0.7	14.3	83.3	94.3
COPPERHEAD (DLF-460/3048)	6.3	6.0	1.0	11.0	76.3	83.3
FB 1628	7.3	6.7	0.7	13.7	84.7	90.3
FB 1630	6.0	6.0	2.3	14.3	78.3	84.3
FB 1902	7.7	7.0	1.0	14.0	71.0	89.0
FB 1903	6.7	6.7	4.0	17.0	61.7	75.7
JSC 2013-10S	6.7	6.0	6.0	37.0	91.0	93.7
JSC 2013-12S	5.7	5.7	6.0	29.0	85.0	90.7
JSC 2013-5S	5.0	5.0	4.3	19.3	71.3	68.3
JSC 2013-7S	6.7	6.0	4.0	23.7	88.0	92.3
JSC 2013-8S	6.7	6.7	3.3	23.7	81.7	78.7
JSC 77V	5.0	5.7	0.7	7.3	46.0	64.0
JSC 80V	4.7	5.7	0.0	2.3	44.3	59.7
LATITUDE 36	6.0	5.7	0.7	12.7	68.7	77.7
MONACO	7.3	6.3	0.0	3.0	51.3	68.0
MSB-1017	7.0	6.7	0.0	3.0	62.3	90.7
MSB-1026	8.0	7.0	0.0	0.3	10.0	41.3
MSB-1042	5.0	4.7	1.3	7.7	58.0	71.7
MSB-1048	7.7	7.0	0.0	0.3	26.0	57.0
MSB-1050	7.0	6.3	0.0	0.7	20.7	47.0
MSB-1075	7.0	6.3	0.0	1.3	34.3	57.7
OKC1406	6.0	6.0	0.7	5.7	62.0	75.0
OKC1666	5.7	5.7	0.0	6.7	51.0	60.3
OKC1682	6.3	6.0	0.3	1.7	16.0	47.7
OKC1873	6.0	6.0	0.7	4.7	45.7	74.3
OKC1876	6.7	6.3	0.3	6.0	44.0	54.7
OKS2015-1	3.7	3.7	3.7	16.3	65.3	68.3
OKS2015-3	6.0	5.7	3.7	26.0	91.0	96.0
OKS2015-7	6.3	5.7	2.3	18.7	79.3	81.3
PST-R6TM	5.7	5.7	6.0	24.0	81.7	85.3
RIVIERA	3.3	3.3	3.0	20.3	75.3	65.7
SUN QUEEN (PST-R6MM)	5.7	6.0	8.3	26.7	81.3	88.0
TAHOMA 31	5.7	6.0	2.0	10.7	69.7	88.3
TIFTUF	6.0	6.3	0.0	1.7	26.7	39.0
TIFWAY	7.3	6.7	0.0	6.0	73.0	93.7
LSD VALUE	2.3	1.6	3.8	14.1	32.7	54.2
C.V. (%)	19.2	14.4	112.6	68.1	31.7	30.2

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

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

TABLE 29A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER POTABLE WATER AT LAS CRUCES, NM 1/
2021 DATA

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

PERCENT GROUND COVER MAY 6-SEPTEMBER 23

NAME	5/6	5/20	6/3	7/1	7/15	7/29	8/15	8/27	9/2	9/23
ASTRO	95.0	95.0	95.7	98.7	97.3	93.3	94.3	93.3	99.0	98.0
DLF-460/3048	90.0	84.7	88.0	96.3	97.7	90.3	94.3	88.3	99.0	95.3
FB 1628	87.3	95.0	98.0	98.7	98.0	97.7	92.7	96.0	99.0	99.0
FB 1630	84.3	86.3	85.7	91.0	98.3	95.7	95.3	87.7	98.7	97.3
FB 1902	91.7	96.3	95.7	98.3	97.7	91.7	93.0	66.7	99.0	95.7
FB 1903	80.7	71.3	81.7	98.3	96.7	88.0	93.7	61.3	99.0	96.7
JSC 2013-10S	91.0	81.7	94.3	99.0	98.7	95.0	97.0	97.0	99.0	98.3
JSC 2013-12S	88.3	73.7	83.7	95.7	99.0	97.0	97.0	81.7	99.0	90.3
JSC 2013-5S	62.3	45.3	59.7	89.3	98.7	96.0	96.7	91.0	99.0	96.3
JSC 2013-7S	90.7	76.0	71.3	95.7	97.7	87.3	91.7	90.7	98.7	97.3
JSC 2013-8S	79.0	70.7	87.7	99.0	99.0	96.0	97.7	92.7	97.7	97.3
JSC 77V	63.7	60.7	65.3	88.3	98.7	97.0	98.0	87.3	99.0	97.3
JSC 80V	67.0	83.3	90.0	97.3	98.7	99.0	98.7	88.0	98.7	94.0
LATITUDE 36	76.7	75.3	72.0	78.3	95.0	88.3	89.7	92.7	99.0	98.7
MONACO	63.7	62.0	65.0	80.3	98.3	94.3	97.7	78.7	98.7	98.3
MSB-1017	96.0	98.3	99.0	99.0	86.7	55.3	82.7	74.3	96.7	97.0
MSB-1026	49.3	69.3	85.7	99.0	99.0	98.0	94.3	73.7	95.0	78.7
MSB-1042	76.7	77.7	78.0	90.7	98.7	94.3	93.3	84.3	98.7	86.3
MSB-1048	60.7	82.3	88.0	99.0	96.3	87.7	92.3	77.3	96.3	92.7
MSB-1050	63.7	80.0	94.3	99.0	96.0	65.3	84.3	50.3	96.3	90.7
MSB-1075	72.0	85.0	95.3	99.0	98.7	93.7	87.3	72.3	94.7	68.0
OKC1406	73.7	64.7	64.7	86.3	99.0	98.3	98.3	87.3	99.0	95.0
OKC1666	55.3	50.3	57.0	74.7	99.0	93.0	94.3	75.7	99.0	79.3
OKC1682	57.0	68.3	73.0	95.3	96.7	79.0	76.0	48.3	93.7	73.3
OKC1873	73.3	70.0	74.7	96.0	98.7	92.3	92.0	72.7	99.0	94.0
OKC1876	56.3	48.7	50.3	87.3	97.7	93.7	96.7	86.7	99.0	99.0
OKS2015-1	69.3	54.7	62.0	85.0	98.3	96.0	96.0	87.3	99.0	91.3
OKS2015-3	96.7	92.7	92.3	96.3	97.7	97.3	98.3	91.0	98.3	97.0
OKS2015-7	79.7	60.3	69.3	95.0	96.0	88.3	93.7	95.7	99.0	98.7
PST-R6TM	86.0	73.3	73.3	85.0	95.7	91.3	94.3	84.0	99.0	94.3
RIVIERA	59.7	43.7	50.7	79.3	98.7	97.0	96.3	96.0	99.0	97.7
SUN QUEEN (PST-R6MM)	85.7	71.7	77.7	94.0	95.7	87.3	93.3	84.0	99.0	96.3
TAHOMA 31	95.0	94.3	95.7	99.0	99.0	96.3	93.7	76.3	99.0	90.3
TIFTUF	45.7	62.3	78.3	95.0	93.7	88.3	96.3	63.3	99.0	76.7
TIFWAY	94.0	92.3	89.3	98.3	93.0	86.0	96.3	87.0	99.0	99.0
LSD VALUE	64.9	85.7	92.7	45.5	6.5	20.3	20.5	28.4	4.5	25.2
C.V. (%)	29.9	34.9	32.4	13.7	3.1	11.2	7.8	17.4	1.9	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 29A.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER POTABLE WATER AT LAS CRUCES, NM 1/
2021 DATA

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

COLOR RATINGS MARCH 12-SEPTEMBER 23

NAME	3/12	3/25	4/8	4/22	5/6	5/20	6/3	7/1	7/15	7/29	8/15	8/27	9/2	9/23
ASTRO	3.7	3.7	4.7	8.3	8.3	7.7	7.3	7.0	6.0	6.3	6.0	7.3	7.3	7.0
DLF-460/3048	3.3	3.3	4.3	6.7	7.0	6.7	6.3	6.3	5.0	5.0	4.0	5.0	4.3	4.7
FB 1628	3.0	3.7	4.7	7.3	7.0	7.0	7.7	6.7	6.0	6.3	5.7	7.0	6.0	6.7
FB 1630	3.7	3.3	3.7	5.7	5.7	6.0	5.7	5.7	5.3	5.3	4.7	5.7	4.3	5.3
FB 1902	3.3	3.3	4.3	7.3	7.3	8.0	7.3	7.0	6.3	5.3	4.7	5.3	4.7	6.0
FB 1903	4.0	3.3	4.0	5.7	5.7	5.7	6.0	6.7	4.7	4.3	3.7	4.0	4.7	5.7
JSC 2013-10S	4.0	4.3	4.3	7.0	7.0	6.3	6.7	6.7	4.7	5.0	4.3	5.7	5.0	6.0
JSC 2013-12S	4.3	3.7	4.0	6.3	6.3	5.3	6.0	5.7	5.0	4.7	4.0	4.3	3.3	4.3
JSC 2013-5S	4.3	3.7	4.0	5.7	5.0	4.3	4.7	5.7	6.0	5.3	4.7	5.3	5.0	5.3
JSC 2013-7S	4.3	3.7	4.3	7.3	7.0	6.3	5.3	5.7	6.0	4.7	4.0	5.7	4.3	6.0
JSC 2013-8S	4.3	3.7	4.7	6.7	6.7	6.0	6.7	7.0	6.3	4.7	4.0	4.3	3.3	5.0
JSC 77V	3.7	3.3	4.0	6.0	5.7	5.7	5.7	5.7	5.3	5.3	4.7	4.7	4.3	4.7
JSC 80V	3.7	2.7	3.7	5.3	5.0	5.7	6.0	5.7	4.3	5.3	3.7	3.7	2.3	2.7
LATITUDE 36	3.7	3.7	4.3	6.7	6.3	6.0	6.0	6.7	5.3	5.0	5.0	6.0	5.3	6.7
MONACO	3.0	3.0	4.0	6.3	5.7	5.7	5.7	6.3	6.3	6.0	6.3	5.7	5.7	6.3
MSB-1017	3.7	2.7	4.0	8.0	8.3	8.7	9.0	7.7	4.0	3.0	3.7	4.7	4.3	6.0
MSB-1026	3.0	2.3	2.7	4.3	5.3	6.7	6.7	8.0	8.0	8.0	7.0	5.7	5.3	4.0
MSB-1042	3.7	3.3	3.7	6.0	6.3	6.0	6.0	6.3	5.7	5.0	4.3	5.3	4.7	4.3
MSB-1048	3.0	2.3	3.3	5.3	5.7	6.7	7.3	7.7	6.3	5.7	5.7	5.7	5.7	5.3
MSB-1050	3.3	2.3	3.0	4.7	5.7	7.0	7.3	8.3	6.3	4.0	3.3	3.7	3.3	5.0
MSB-1075	2.7	2.3	3.3	5.0	6.0	7.0	8.0	8.0	7.3	6.0	4.7	5.3	3.7	4.0
OKC1406	4.0	3.0	3.7	6.0	5.7	5.3	4.7	6.0	6.0	5.7	5.0	5.3	4.0	4.7
OKC1666	3.3	3.0	3.7	5.3	4.7	4.7	4.7	5.3	5.7	5.0	4.7	5.3	5.0	3.7
OKC1682	4.0	2.3	3.0	5.3	5.3	6.3	7.0	7.0	6.7	4.7	3.7	4.3	3.7	4.7
OKC1873	3.7	3.0	3.7	6.3	6.3	6.0	6.7	6.7	6.0	5.0	4.3	4.7	4.7	5.3
OKC1876	3.0	3.0	3.7	5.3	5.0	5.0	4.7	6.7	6.0	5.7	6.0	6.3	6.0	6.7
OKS2015-1	4.0	4.0	4.0	5.3	5.0	4.3	5.0	5.3	5.7	5.0	4.7	5.0	5.0	4.7
OKS2015-3	4.0	3.7	4.3	6.7	7.3	6.7	6.0	5.7	4.7	4.7	4.0	5.0	3.7	5.0
OKS2015-7	3.7	4.0	4.7	6.7	7.0	5.3	5.3	6.7	5.7	5.0	5.0	7.3	5.7	7.3
PST-R6TM	3.7	3.3	4.0	5.7	5.7	5.3	5.3	5.3	5.0	4.7	4.3	5.7	4.7	5.7
RIVIERA	3.7	3.7	4.0	5.0	4.7	4.3	4.7	5.0	6.0	5.7	4.7	5.3	4.7	6.0
SUN QUEEN (PST-R6MM)	4.3	3.7	4.0	5.7	5.7	5.0	5.7	5.7	4.7	4.3	3.7	5.7	4.3	5.3
TAHOMA 31	4.0	3.3	4.0	6.7	7.0	6.7	7.0	7.3	5.7	4.7	3.0	4.0	2.3	3.3
TIFTUF	3.3	2.3	3.0	4.0	4.3	5.3	5.7	6.7	4.7	4.3	4.7	4.3	4.0	4.0
TIFWAY	3.0	3.0	4.3	8.0	7.7	7.3	7.0	7.0	5.3	5.3	5.3	5.7	6.0	5.7
LSD VALUE	1.3	0.9	1.6	4.1	4.3	4.3	4.2	1.9	4.0	2.7	4.7	2.4	3.1	3.1
C.V. (%)	16.2	16.5	17.1	24.8	25.1	25.5	25.2	15.0	23.3	21.9	32.1	21.4	29.8	26.4

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 29B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER POTABLE WATER AT LAS CRUCES, NM 1/
2021 DATA

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

QUALITY RATINGS MARCH 12-SEPTEMBER 23

NAME	3/12	3/25	4/8	4/22	5/6	5/20	6/3	7/1	7/15	7/29	8/15	8/27	9/2	9/23
COPPERHEAD (DLF-460/3048)	2.7	3.7	7.0	7.3	7.7	7.3	7.3	7.3	7.0	6.0	6.3	6.7	7.0	7.0
JSC 2013-10S	3.3	5.0	8.0	7.7	7.7	7.0	7.7	8.0	7.0	6.7	6.3	7.3	6.7	7.3
JSC 2013-12S	3.3	4.3	7.7	7.3	7.3	6.0	7.0	7.7	7.0	7.0	6.0	5.7	6.0	6.3
JSC 2013-5S	3.0	3.7	6.7	6.0	5.7	4.3	5.3	7.0	7.3	7.0	6.7	6.7	6.7	7.0
JSC 2013-7S	3.0	4.3	8.0	8.0	7.7	6.3	6.3	7.7	7.7	6.3	6.0	6.7	6.7	7.3
JSC 2013-8S	3.0	4.3	7.7	7.0	6.7	6.0	7.0	8.0	7.7	6.7	6.3	6.3	6.3	7.0
MONACO	1.7	3.7	5.7	6.3	6.0	5.7	6.0	7.0	7.7	7.3	7.3	6.7	7.3	7.7
OKS2015-1	3.0	3.7	6.3	5.7	5.7	4.7	5.3	6.3	7.3	6.7	6.7	6.7	7.0	6.7
OKS2015-3	3.0	4.7	7.3	8.0	8.0	7.7	7.3	7.3	6.7	7.0	6.3	6.7	6.3	7.0
OKS2015-7	2.7	4.3	7.3	7.3	7.3	5.7	6.0	7.7	7.3	6.7	6.7	7.7	7.7	8.0
PST-R6TM	3.7	4.3	7.0	7.0	6.7	6.0	6.0	6.3	6.7	6.3	6.3	6.7	6.7	7.0
RIVIERA	3.0	4.3	6.7	5.7	5.7	4.3	4.7	6.3	7.3	7.3	6.7	7.3	7.0	7.3
SUN QUEEN (PST-R6MM)	3.7	4.7	7.0	6.7	7.0	5.7	6.3	7.0	6.3	6.0	6.3	6.7	6.3	7.0
LSD VALUE	0.9	1.3	1.6	3.0	3.5	6.0	6.2	3.2	1.9	1.2	1.9	2.2	1.5	1.2
C.V. (%)	16.1	13.6	11.0	17.4	19.8	35.2	32.0	15.6	9.9	8.3	10.3	12.1	9.2	7.4

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 29B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER POTABLE WATER AT LAS CRUCES, NM 1/
2021 DATA

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

NAME	GENETIC COLOR	LEAF TEXTURE	PERCENT 3/12	SPRING 3/25	GREEN 4/8	UP MARCH-APRIL 4/22
COPPERHEAD (DLF-460/3048)	6.3	6.0	1.0	11.0	76.3	83.3
JSC 2013-10S	6.7	6.0	6.0	37.0	91.0	93.7
JSC 2013-12S	5.7	5.7	6.0	29.0	85.0	90.7
JSC 2013-5S	5.0	5.0	4.3	19.3	71.3	68.3
JSC 2013-7S	6.7	6.0	4.0	23.7	88.0	92.3
JSC 2013-8S	6.7	6.7	3.3	23.7	81.7	78.7
MONACO	7.3	6.3	0.0	3.0	51.3	68.0
OKS2015-1	3.7	3.7	3.7	16.3	65.3	68.3
OKS2015-3	6.0	5.7	3.7	26.0	91.0	96.0
OKS2015-7	6.3	5.7	2.3	18.7	79.3	81.3
PST-R6TM	5.7	5.7	6.0	24.0	81.7	85.3
RIVIERA	3.3	3.3	3.0	20.3	75.3	65.7
SUN QUEEN (PST-R6MM)	5.7	6.0	8.3	26.7	81.3	88.0
LSD VALUE	2.0	2.1	6.1	20.0	19.8	38.2
C.V. (%)	19.0	19.0	69.8	44.8	13.4	19.2

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

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

TABLE 29B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER POTABLE WATER AT LAS CRUCES, NM 1/
2021 DATA

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

PERCENT GROUND COVER MAY 6-SEPTEMBER 23

NAME	5/6	5/20	6/3	7/1	7/15	7/29	8/15	8/27	9/2	9/23
COPPERHEAD (DLF-460/3048)	90.0	84.7	88.0	96.3	97.7	90.3	94.3	88.3	99.0	95.3
JSC 2013-10S	91.0	81.7	94.3	99.0	98.7	95.0	97.0	97.0	99.0	98.3
JSC 2013-12S	88.3	73.7	83.7	95.7	99.0	97.0	97.0	81.7	99.0	90.3
JSC 2013-5S	62.3	45.3	59.7	89.3	98.7	96.0	96.7	91.0	99.0	96.3
JSC 2013-7S	90.7	76.0	71.3	95.7	97.7	87.3	91.7	90.7	98.7	97.3
JSC 2013-8S	79.0	70.7	87.7	99.0	99.0	96.0	97.7	92.7	97.7	97.3
MONACO	63.7	62.0	65.0	80.3	98.3	94.3	97.7	78.7	98.7	98.3
OKS2015-1	69.3	54.7	62.0	85.0	98.3	96.0	96.0	87.3	99.0	91.3
OKS2015-3	96.7	92.7	92.3	96.3	97.7	97.3	98.3	91.0	98.3	97.0
OKS2015-7	79.7	60.3	69.3	95.0	96.0	88.3	93.7	95.7	99.0	98.7
PST-R6TM	86.0	73.3	73.3	85.0	95.7	91.3	94.3	84.0	99.0	94.3
RIVIERA	59.7	43.7	50.7	79.3	98.7	97.0	96.3	96.0	99.0	97.7
SUN QUEEN (PST-R6MM)	85.7	71.7	77.7	94.0	95.7	87.3	93.3	84.0	99.0	96.3
LSD VALUE	47.7	85.4	86.4	37.7	5.6	10.6	7.8	22.1	2.1	6.2
C.V. (%)	23.6	42.9	38.7	14.5	2.1	5.1	3.2	9.8	0.8	3.1

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 29B.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER POTABLE WATER AT LAS CRUCES, NM 1/
2021 DATA

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

COLOR RATINGS MARCH 12-SEPTEMBER 23

NAME	3/12	3/25	4/8	4/22	5/6	5/20	6/3	7/1	7/15	7/29	8/15	8/27	9/2	9/23
DLF-460/3048	3.3	3.3	4.3	6.7	7.0	6.7	6.3	6.3	5.0	5.0	4.0	5.0	4.3	4.7
JSC 2013-10S	4.0	4.3	4.3	7.0	7.0	6.3	6.7	6.7	4.7	5.0	4.3	5.7	5.0	6.0
JSC 2013-12S	4.3	3.7	4.0	6.3	6.3	5.3	6.0	5.7	5.0	4.7	4.0	4.3	3.3	4.3
JSC 2013-5S	4.3	3.7	4.0	5.7	5.0	4.3	4.7	5.7	6.0	5.3	4.7	5.3	5.0	5.3
JSC 2013-7S	4.3	3.7	4.3	7.3	7.0	6.3	5.3	5.7	6.0	4.7	4.0	5.7	4.3	6.0
JSC 2013-8S	4.3	3.7	4.7	6.7	6.7	6.0	6.7	7.0	6.3	4.7	4.0	4.3	3.3	5.0
MONACO	3.0	3.0	4.0	6.3	5.7	5.7	5.7	6.3	6.3	6.0	6.3	5.7	5.7	6.3
OKS2015-1	4.0	4.0	4.0	5.3	5.0	4.3	5.0	5.3	5.7	5.0	4.7	5.0	5.0	4.7
OKS2015-3	4.0	3.7	4.3	6.7	7.3	6.7	6.0	5.7	4.7	4.7	4.0	5.0	3.7	5.0
OKS2015-7	3.7	4.0	4.7	6.7	7.0	5.3	5.3	6.7	5.7	5.0	5.0	7.3	5.7	7.3
PST-R6TM	3.7	3.3	4.0	5.7	5.7	5.3	5.3	5.3	5.0	4.7	4.3	5.7	4.7	5.7
RIVIERA	3.7	3.7	4.0	5.0	4.7	4.3	4.7	5.0	6.0	5.7	4.7	5.3	4.7	6.0
SUN QUEEN (PST-R6MM)	4.3	3.7	4.0	5.7	5.7	5.0	5.7	5.7	4.7	4.3	3.7	5.7	4.3	5.3
LSD VALUE	1.3	1.0	0.9	3.0	3.3	5.2	5.1	2.1	2.8	1.5	1.9	1.8	2.2	1.3
C.V. (%)	14.7	12.0	8.9	18.4	22.0	32.0	28.8	14.7	19.3	13.0	19.5	16.2	21.6	12.9

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

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

TABLE 29C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER POTABLE WATER AT LAS CRUCES, NM 1/
2021 DATA

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

QUALITY RATINGS MARCH 12-SEPTEMBER 23

NAME	3/12	3/25	4/8	4/22	5/6	5/20	6/3	7/1	7/15	7/29	8/15	8/27	9/2	9/23
ASTRO	2.0	3.7	8.3	8.7	8.7	8.3	8.0	8.0	7.3	7.3	7.0	7.7	8.0	7.7
FB 1628	2.0	4.7	8.0	8.0	7.3	8.0	8.3	7.7	7.3	7.3	6.7	7.7	7.3	8.0
FB 1630	2.7	4.3	7.0	6.7	6.7	7.0	7.0	7.3	6.7	6.7	6.3	7.0	6.3	7.0
FB 1902	2.3	4.0	7.0	7.7	8.0	8.0	8.3	7.7	7.7	6.7	6.3	6.0	7.0	7.3
FB 1903	2.7	4.3	6.0	6.3	7.0	6.0	6.7	7.3	6.7	6.0	6.0	5.0	6.3	7.3
JSC 77V	1.7	3.3	5.3	6.0	5.7	5.7	6.0	7.0	7.0	7.0	6.7	6.3	6.7	6.7
JSC 80V	2.0	2.7	4.7	5.3	6.0	6.7	7.0	7.3	6.7	7.0	6.0	5.7	5.3	5.7
LATITUDE 36	2.0	3.3	6.7	7.0	6.7	6.7	6.3	6.7	6.7	6.3	6.0	7.3	7.3	8.0
MSB-1017	1.7	3.0	6.3	8.0	8.3	9.0	9.0	8.0	5.7	4.0	5.3	6.0	6.3	7.3
MSB-1026	1.0	2.3	2.0	4.7	5.0	6.3	7.7	8.7	8.7	8.3	7.7	6.0	6.7	5.7
MSB-1042	2.3	3.3	6.0	6.7	6.7	7.0	6.7	7.3	7.0	6.7	6.0	6.7	6.7	6.0
MSB-1048	1.0	2.7	3.7	5.7	5.7	7.0	7.3	8.7	7.7	6.7	7.0	6.3	7.0	6.7
MSB-1050	1.3	2.3	3.0	5.0	6.0	7.0	8.0	9.0	7.0	5.0	5.3	4.3	5.7	6.3
MSB-1075	1.3	3.0	4.3	5.3	6.3	7.3	8.3	8.7	7.7	7.0	6.0	6.3	5.7	5.0
OKC1406	2.3	3.7	6.3	6.7	6.7	6.0	5.7	7.3	7.3	7.7	7.0	6.7	6.3	6.7
OKC1666	1.7	3.0	5.3	5.7	5.3	5.0	5.3	6.3	7.7	7.0	6.7	6.3	7.0	5.3
OKC1682	1.3	2.3	2.7	5.0	5.7	6.3	6.7	7.7	7.7	5.7	4.7	4.3	5.3	5.3
OKC1873	2.0	3.3	5.3	7.0	6.7	6.3	6.3	7.7	7.7	6.7	6.3	5.7	6.7	7.0
OKC1876	2.0	4.0	5.0	5.0	5.3	4.7	4.7	7.3	7.3	7.3	7.7	6.7	7.7	7.7
TAHOMA 31	2.0	3.3	6.7	7.3	7.5	8.0	7.7	8.3	7.0	6.3	5.7	5.3	5.7	5.3
TIFTUF	1.3	2.7	3.3	4.3	4.7	5.7	6.3	7.7	6.3	6.0	6.7	5.0	6.3	5.3
TIFWAY	1.7	3.7	7.3	8.3	8.3	8.0	8.0	7.7	6.3	6.7	7.0	7.0	7.7	7.7
LSD VALUE	0.9	1.1	3.7	5.1	5.8	4.8	4.7	2.3	2.2	3.1	4.7	2.5	2.8	2.8
C.V. (%)	26.7	19.3	34.8	30.0	29.2	25.5	24.3	12.0	12.5	19.1	22.3	18.8	16.6	18.8

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 29C.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER POTABLE WATER AT LAS CRUCES, NM 1/
2021 DATA

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

NAME	TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/					
	GENETIC COLOR	LEAF TEXTURE	PERCENT 3/12	SPRING 3/25	GREEN UP 4/8	MARCH-APRIL 4/22
ASTRO	8.0	7.3	0.7	14.3	83.3	94.3
FB 1628	7.3	6.7	0.7	13.7	84.7	90.3
FB 1630	6.0	6.0	2.3	14.3	78.3	84.3
FB 1902	7.7	7.0	1.0	14.0	71.0	89.0
FB 1903	6.7	6.7	4.0	17.0	61.7	75.7
JSC 77V	5.0	5.7	0.7	7.3	46.0	64.0
JSC 80V	4.7	5.7	0.0	2.3	44.3	59.7
LATITUDE 36	6.0	5.7	0.7	12.7	68.7	77.7
MSB-1017	7.0	6.7	0.0	3.0	62.3	90.7
MSB-1026	8.0	7.0	0.0	0.3	10.0	41.3
MSB-1042	5.0	4.7	1.3	7.7	58.0	71.7
MSB-1048	7.7	7.0	0.0	0.3	26.0	57.0
MSB-1050	7.0	6.3	0.0	0.7	20.7	47.0
MSB-1075	7.0	6.3	0.0	1.3	34.3	57.7
OKC1406	6.0	6.0	0.7	5.7	62.0	75.0
OKC1666	5.7	5.7	0.0	6.7	51.0	60.3
OKC1682	6.3	6.0	0.3	1.7	16.0	47.7
OKC1873	6.0	6.0	0.7	4.7	45.7	74.3
OKC1876	6.7	6.3	0.3	6.0	44.0	54.7
TAHOMA 31	5.7	6.0	2.0	10.7	69.7	88.3
TIFTUF	6.0	6.3	0.0	1.7	26.7	39.0
TIFWAY	7.3	6.7	0.0	6.0	73.0	93.7
LSD VALUE	2.9	1.6	2.8	16.9	44.6	66.0
C.V. (%)	19.5	11.9	179.2	104.1	45.2	37.0

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 29C.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER POTABLE WATER AT LAS CRUCES, NM 1/
2021 DATA

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

PERCENT GROUND COVER MAY 6-SEPTEMBER 23

NAME	5/6	5/20	6/3	7/1	7/15	7/29	8/15	8/27	9/2	9/23
ASTRO	95.0	95.0	95.7	98.7	97.3	93.3	94.3	93.3	99.0	98.0
FB 1628	87.3	95.0	98.0	98.7	98.0	97.7	92.7	96.0	99.0	99.0
FB 1630	84.3	86.3	85.7	91.0	98.3	95.7	95.3	87.7	98.7	97.3
FB 1902	91.7	96.3	95.7	98.3	97.7	91.7	93.0	66.7	99.0	95.7
FB 1903	80.7	71.3	81.7	98.3	96.7	88.0	93.7	61.3	99.0	96.7
JSC 77V	63.7	60.7	65.3	88.3	98.7	97.0	98.0	87.3	99.0	97.3
JSC 80V	67.0	83.3	90.0	97.3	98.7	99.0	98.7	88.0	98.7	94.0
LATITUDE 36	76.7	75.3	72.0	78.3	95.0	88.3	89.7	92.7	99.0	98.7
MSB-1017	96.0	98.3	99.0	99.0	86.7	55.3	82.7	74.3	96.7	97.0
MSB-1026	49.3	69.3	85.7	99.0	99.0	98.0	94.3	73.7	95.0	78.7
MSB-1042	76.7	77.7	78.0	90.7	98.7	94.3	93.3	84.3	98.7	86.3
MSB-1048	60.7	82.3	88.0	99.0	96.3	87.7	92.3	77.3	96.3	92.7
MSB-1050	63.7	80.0	94.3	99.0	96.0	65.3	84.3	50.3	96.3	90.7
MSB-1075	72.0	85.0	95.3	99.0	98.7	93.7	87.3	72.3	94.7	68.0
OKC1406	73.7	64.7	64.7	86.3	99.0	98.3	98.3	87.3	99.0	95.0
OKC1666	55.3	50.3	57.0	74.7	99.0	93.0	94.3	75.7	99.0	79.3
OKC1682	57.0	68.3	73.0	95.3	96.7	79.0	76.0	48.3	93.7	73.3
OKC1873	73.3	70.0	74.7	96.0	98.7	92.3	92.0	72.7	99.0	94.0
OKC1876	56.3	48.7	50.3	87.3	97.7	93.7	96.7	86.7	99.0	99.0
TAHOMA 31	95.0	94.3	95.7	99.0	99.0	96.3	93.7	76.3	99.0	90.3
TIFTUF	45.7	62.3	78.3	95.0	93.7	88.3	96.3	63.3	99.0	76.7
TIFWAY	94.0	92.3	89.3	98.3	93.0	86.0	96.3	87.0	99.0	99.0
LSD VALUE	68.8	69.2	74.5	39.1	7.2	25.4	25.3	33.3	5.6	32.5
C.V. (%)	33.7	31.0	29.7	13.4	3.5	13.8	9.6	20.4	2.4	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 29C.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER POTABLE WATER AT LAS CRUCES, NM 1/
2021 DATA

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

COLOR RATINGS MARCH 12-SEPTEMBER 23

NAME	3/12	3/25	4/8	4/22	5/6	5/20	6/3	7/1	7/15	7/29	8/15	8/27	9/2	9/23
ASTRO	3.7	3.7	4.7	8.3	8.3	7.7	7.3	7.0	6.0	6.3	6.0	7.3	7.3	7.0
FB 1628	3.0	3.7	4.7	7.3	7.0	7.0	7.7	6.7	6.0	6.3	5.7	7.0	6.0	6.7
FB 1630	3.7	3.3	3.7	5.7	5.7	6.0	5.7	5.7	5.3	5.3	4.7	5.7	4.3	5.3
FB 1902	3.3	3.3	4.3	7.3	7.3	8.0	7.3	7.0	6.3	5.3	4.7	5.3	4.7	6.0
FB 1903	4.0	3.3	4.0	5.7	5.7	5.7	6.0	6.7	4.7	4.3	3.7	4.0	4.7	5.7
JSC 77V	3.7	3.3	4.0	6.0	5.7	5.7	5.7	5.7	5.3	5.3	4.7	4.7	4.3	4.7
JSC 80V	3.7	2.7	3.7	5.3	5.0	5.7	6.0	5.7	4.3	5.3	3.7	3.7	2.3	2.7
LATITUDE 36	3.7	3.7	4.3	6.7	6.3	6.0	6.0	6.7	5.3	5.0	5.0	6.0	5.3	6.7
MSB-1017	3.7	2.7	4.0	8.0	8.3	8.7	9.0	7.7	4.0	3.0	3.7	4.7	4.3	6.0
MSB-1026	3.0	2.3	2.7	4.3	5.3	6.7	6.7	8.0	8.0	8.0	7.0	5.7	5.3	4.0
MSB-1042	3.7	3.3	3.7	6.0	6.3	6.0	6.0	6.3	5.7	5.0	4.3	5.3	4.7	4.3
MSB-1048	3.0	2.3	3.3	5.3	5.7	6.7	7.3	7.7	6.3	5.7	5.7	5.7	5.7	5.3
MSB-1050	3.3	2.3	3.0	4.7	5.7	7.0	7.3	8.3	6.3	4.0	3.3	3.7	3.3	5.0
MSB-1075	2.7	2.3	3.3	5.0	6.0	7.0	8.0	8.0	7.3	6.0	4.7	5.3	3.7	4.0
OKC1406	4.0	3.0	3.7	6.0	5.7	5.3	4.7	6.0	6.0	5.7	5.0	5.3	4.0	4.7
OKC1666	3.3	3.0	3.7	5.3	4.7	4.7	4.7	5.3	5.7	5.0	4.7	5.3	5.0	3.7
OKC1682	4.0	2.3	3.0	5.3	5.3	6.3	7.0	7.0	6.7	4.7	3.7	4.3	3.7	4.7
OKC1873	3.7	3.0	3.7	6.3	6.3	6.0	6.7	6.7	6.0	5.0	4.3	4.7	4.7	5.3
OKC1876	3.0	3.0	3.7	5.3	5.0	5.0	4.7	6.7	6.0	5.7	6.0	6.3	6.0	6.7
TAHOMA 31	4.0	3.3	4.0	6.7	7.0	6.7	7.0	7.3	5.7	4.7	3.0	4.0	2.3	3.3
TIFTUF	3.3	2.3	3.0	4.0	4.3	5.3	5.7	6.7	4.7	4.3	4.7	4.3	4.0	4.0
TIFWAY	3.0	3.0	4.3	8.0	7.7	7.3	7.0	7.0	5.3	5.3	5.3	5.7	6.0	5.7
LSD VALUE	1.3	1.2	2.1	4.4	4.5	3.6	3.8	2.3	4.1	3.2	5.2	2.3	3.2	3.5
C.V. (%)	15.8	18.8	21.3	28.5	27.3	22.5	24.0	15.3	25.2	25.6	36.6	22.0	31.8	30.4

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 30A.

PERCENT RECOVERY RATINGS FROM DIVOTS OF BERMUDAGRASS CULTIVARS
GROWN AT STILLWATER, OK 1/
2020 DATA 2/ 3/

NAME	AUG 12	AUG 14	AUG 18	AUG 21	AUG 26	AUG 28	SEPT 1	SEPT 4	SEPT 8	SEPT 11	DIVOT MEAN
JSC 2013-10S	46.7	61.3	80.7	84.7	88.7	83.7	93.3	91.7	91.0	95.7	81.7
JSC 2013-7S	49.7	64.0	78.7	87.0	83.7	85.0	93.0	90.0	88.0	94.3	81.3
RIVIERA	43.0	57.0	79.7	89.0	89.0	87.7	92.3	87.0	90.3	95.7	81.1
JSC 77V	42.0	58.0	78.3	88.0	85.0	87.3	94.0	90.7	90.0	96.0	80.9
JSC 2013-8S	45.7	58.7	81.0	88.0	87.0	84.0	93.0	89.0	87.3	94.3	80.8
COPPERHEAD (DLF-460/3048)	45.0	61.0	72.7	85.3	86.0	85.7	93.3	90.0	87.7	95.3	80.2
JSC 2013-5S	41.7	59.3	77.0	84.3	86.7	83.7	93.3	90.7	90.7	95.0	80.2
OKS2015-7	40.7	59.3	80.7	89.7	85.3	77.0	93.3	90.0	89.7	95.7	80.1
TAHOMA 31	41.7	57.0	75.0	84.3	84.7	84.3	94.3	91.7	90.0	95.3	79.8
JSC 2013-12S	41.3	57.0	79.0	85.7	85.0	82.0	93.3	89.7	88.7	95.0	79.7
SUN QUEEN (PST-R6MM)	42.3	56.7	72.3	82.3	83.3	82.3	93.0	89.7	86.3	95.0	78.3
ASTRO	36.3	52.0	69.0	82.3	84.3	86.3	94.0	86.7	91.3	96.3	77.9
MONACO	38.7	54.0	72.7	84.3	83.0	80.0	93.3	90.3	86.3	94.3	77.7
OKS2015-1	33.7	50.7	74.0	79.0	87.0	84.0	93.7	90.3	89.0	95.7	77.7
FB 1630	31.3	49.3	71.7	82.3	83.3	85.3	93.0	89.7	88.7	96.0	77.1
OKS2015-3	28.7	51.3	69.3	81.7	86.7	83.7	94.0	90.3	90.0	95.7	77.1
PST-R6TM	29.3	51.0	69.0	82.3	82.7	82.0	93.0	89.3	89.0	95.0	76.3
MSB-1042	31.3	50.3	63.0	74.7	81.7	87.0	94.3	92.0	91.7	96.3	76.2
FB 1628	32.7	49.0	68.0	77.7	84.0	84.7	92.7	89.7	87.7	93.7	76.0
LATITUDE 36	31.3	51.0	64.7	74.0	82.3	83.3	93.7	92.0	91.0	95.3	75.9
MSB-1026	36.0	53.0	72.3	80.0	81.0	75.3	90.7	87.3	88.0	94.3	75.8
OKC1876	32.7	50.0	62.7	79.7	83.0	82.7	94.3	90.7	88.0	94.0	75.8
MSB-1048	26.7	47.0	63.7	76.7	83.3	84.3	93.7	92.0	92.7	96.3	75.6
MSB-1017	36.7	52.3	64.3	74.3	76.7	80.0	93.0	90.3	89.0	95.3	75.2
JSC 80V	28.3	46.3	62.3	70.0	79.0	84.3	92.7	91.0	90.7	96.7	74.1
MSB-1050	38.3	50.3	63.7	71.0	72.0	77.7	90.0	88.0	87.7	95.7	73.4
FB 1902	21.7	43.7	57.3	74.0	81.7	84.3	93.7	89.0	88.3	94.0	72.8
TIFTUF	20.0	42.0	57.3	73.0	81.0	86.0	94.0	90.3	89.0	95.3	72.8
TIFWAY	28.0	44.3	50.3	69.3	78.3	83.0	91.7	89.3	89.7	95.3	71.9
FB 1903	22.7	42.3	59.0	73.7	74.0	85.0	90.7	86.7	86.3	94.7	71.5
OKC1682	14.0	35.7	53.0	65.3	80.0	83.7	93.3	91.7	91.3	95.0	70.3
OKC1406	20.0	42.3	53.3	65.3	73.3	84.3	91.7	88.3	81.7	95.3	69.6
OKC1873	17.0	38.0	44.3	51.3	64.7	73.0	90.0	87.0	89.3	96.0	65.1
MSB-1075	23.0	36.7	52.7	58.7	54.0	66.0	85.0	79.7	84.3	95.3	63.5
OKC1666	12.3	36.0	40.3	33.3	52.7	71.3	85.7	86.3	85.0	95.0	59.8
LSD VALUE	17.4	9.9	10.1	8.5	6.7	10.9	5.9	5.0	6.3	2.9	5.0
C.V. (%)	29.6	12.0	9.9	7.4	5.5	6.6	2.9	2.9	3.2	1.1	4.2

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.

3/ DIVOTS WERE CUT ON AUGUST 7, 2020.

TABLE 30B.

PERCENT RECOVERY RATINGS FROM DIVOTS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN AT STILLWATER, OK 1/
2020 DATA 2/ 3/

NAME	AUG 12	AUG 14	AUG 18	AUG 21	AUG 26	AUG 28	SEPT 1	SEPT 4	SEPT 8	SEPT 11	DIVOT MEAN
JSC 2013-10S	46.7	61.3	80.7	84.7	88.7	83.7	93.3	91.7	91.0	95.7	81.7
JSC 2013-7S	49.7	64.0	78.7	87.0	83.7	85.0	93.0	90.0	88.0	94.3	81.3
RIVIERA	43.0	57.0	79.7	89.0	89.0	87.7	92.3	87.0	90.3	95.7	81.1
JSC 2013-8S	45.7	58.7	81.0	88.0	87.0	84.0	93.0	89.0	87.3	94.3	80.8
DLF-460/3048	45.0	61.0	72.7	85.3	86.0	85.7	93.3	90.0	87.7	95.3	80.2
JSC 2013-5S	41.7	59.3	77.0	84.3	86.7	83.7	93.3	90.7	90.7	95.0	80.2
OKS2015-7	40.7	59.3	80.7	89.7	85.3	77.0	93.3	90.0	89.7	95.7	80.1
JSC 2013-12S	41.3	57.0	79.0	85.7	85.0	82.0	93.3	89.7	88.7	95.0	79.7
SUN QUEEN (PST-R6MM)	42.3	56.7	72.3	82.3	83.3	82.3	93.0	89.7	86.3	95.0	78.3
MONACO	38.7	54.0	72.7	84.3	83.0	80.0	93.3	90.3	86.3	94.3	77.7
OKS2015-1	33.7	50.7	74.0	79.0	87.0	84.0	93.7	90.3	89.0	95.7	77.7
OKS2015-3	28.7	51.3	69.3	81.7	86.7	83.7	94.0	90.3	90.0	95.7	77.1
PST-R6TM	29.3	51.0	69.0	82.3	82.7	82.0	93.0	89.3	89.0	95.0	76.3
LSD VALUE	26.6	8.5	10.2	8.2	3.5	15.5	4.5	6.0	5.7	2.7	4.6
C.V. (%)	25.4	7.6	6.5	4.4	2.2	6.4	1.4	2.3	2.6	1.0	2.7

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.

3/ DIVOTS WERE CUT ON AUGUST 7, 2020.

TABLE 30C.

PERCENT RECOVERY RATINGS FROM DIVOTS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
 GROWN AT STILLWATER, OK 1/
 2020 DATA 2/ 3/

NAME	AUG 12	AUG 14	AUG 18	AUG 21	AUG 26	AUG 28	SEPT 1	SEPT 4	SEPT 8	SEPT 11	DIVOT MEAN
JSC 77V	42.0	58.0	78.3	88.0	85.0	87.3	94.0	90.7	90.0	96.0	80.9
TAHOMA 31	41.7	57.0	75.0	84.3	84.7	84.3	94.3	91.7	90.0	95.3	79.8
ASTRO	36.3	52.0	69.0	82.3	84.3	86.3	94.0	86.7	91.3	96.3	77.9
FB 1630	31.3	49.3	71.7	82.3	83.3	85.3	93.0	89.7	88.7	96.0	77.1
MSB-1042	31.3	50.3	63.0	74.7	81.7	87.0	94.3	92.0	91.7	96.3	76.2
FB 1628	32.7	49.0	68.0	77.7	84.0	84.7	92.7	89.7	87.7	93.7	76.0
LATITUDE 36	31.3	51.0	64.7	74.0	82.3	83.3	93.7	92.0	91.0	95.3	75.9
MSB-1026	36.0	53.0	72.3	80.0	81.0	75.3	90.7	87.3	88.0	94.3	75.8
OKC1876	32.7	50.0	62.7	79.7	83.0	82.7	94.3	90.7	88.0	94.0	75.8
MSB-1048	26.7	47.0	63.7	76.7	83.3	84.3	93.7	92.0	92.7	96.3	75.6
MSB-1017	36.7	52.3	64.3	74.3	76.7	80.0	93.0	90.3	89.0	95.3	75.2
JSC 80V	28.3	46.3	62.3	70.0	79.0	84.3	92.7	91.0	90.7	96.7	74.1
MSB-1050	38.3	50.3	63.7	71.0	72.0	77.7	90.0	88.0	87.7	95.7	73.4
FB 1902	21.7	43.7	57.3	74.0	81.7	84.3	93.7	89.0	88.3	94.0	72.8
TIFTUF	20.0	42.0	57.3	73.0	81.0	86.0	94.0	90.3	89.0	95.3	72.8
TIFWAY	28.0	44.3	50.3	69.3	78.3	83.0	91.7	89.3	89.7	95.3	71.9
FB 1903	22.7	42.3	59.0	73.7	74.0	85.0	90.7	86.7	86.3	94.7	71.5
OKC1682	14.0	35.7	53.0	65.3	80.0	83.7	93.3	91.7	91.3	95.0	70.3
OKC1406	20.0	42.3	53.3	65.3	73.3	84.3	91.7	88.3	81.7	95.3	69.6
OKC1873	17.0	38.0	44.3	51.3	64.7	73.0	90.0	87.0	89.3	96.0	65.1
MSB-1075	23.0	36.7	52.7	58.7	54.0	66.0	85.0	79.7	84.3	95.3	63.5
OKC1666	12.3	36.0	40.3	33.3	52.7	71.3	85.7	86.3	85.0	95.0	59.8
LSD VALUE	16.1	12.9	12.2	10.0	8.5	10.4	6.9	5.2	6.6	2.6	5.9
C.V. (%)	30.6	14.6	12.1	9.0	7.0	6.9	3.5	3.2	3.5	1.2	5.0

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.

3/ DIVOTS WERE CUT ON AUGUST 7, 2020.

wrong table numbers should be 31
TABLE 31A.

PERCENT RECOVERY RATINGS FROM DIVOTS OF BERMUDAGRASS CULTIVARS
GROWN AT STILLWATER, OK 1/
2021 DATA 2/

NAME	7/14	7/20	7/27	8/3	8/10	8/17	MEAN
OXS2015-7	33.7	72.7	94.0	99.0	99.0	99	82.9
JSC 2013-10S	37.7	69.0	89.7	96.0	99.0	99	81.7
JSC 2013-5S	33.0	73.0	92.0	93.7	99.0	99	81.6
TAHOMA 31	24.0	72.3	98.0	96.0	99.0	99	81.4
RIVIERA	33.3	69.3	88.0	99.0	99.0	99	81.3
FB 1630	32.7	67.3	92.0	97.0	99.0	99	81.2
PST-R6TM	25.3	69.7	88.3	99.0	99.0	99	80.1
OKC1873	31.3	64.7	89.0	96.7	99.0	99	79.9
FB 1628	33.0	65.7	85.7	95.7	99.0	99	79.7
JSC 2013-12S	32.0	67.0	86.7	94.0	99.0	99	79.6
SUN QUEEN (PST-R6MM)	26.7	65.3	88.7	99.0	99.0	99	79.6
MONACO	30.7	67.0	86.3	94.7	99.0	99	79.4
JSC 2013-8S	27.0	63.7	90.3	95.3	99.0	99	79.1
OXS2015-3	28.0	63.0	88.7	96.7	99.0	99	79.1
JSC 2013-7S	32.3	65.7	83.7	90.3	99.0	99	78.3
FB 1903	35.0	61.0	81.0	94.3	99.0	99	78.2
JSC 77V	19.3	67.3	89.3	95.0	99.0	99	78.2
COPPERHEAD (DLF-460/3048)	31.7	63.3	82.7	92.7	99.0	99	78.1
OXS2015-1	32.7	61.7	80.0	93.0	99.0	99	77.6
OKC1682	26.3	59.7	83.3	95.7	99.0	99	77.2
LATITUDE 36	15.0	60.0	92.0	98.0	94.7	99	76.4
ASTRO	18.0	54.0	83.3	99.0	99.0	99	75.4
MSB-1050	30.7	60.0	81.3	83.7	97.0	99	75.3
OKC1876	27.3	51.3	85.7	91.0	95.0	99	74.9
MSB-1042	22.7	54.7	81.7	92.0	97.0	99	74.5
TIFTUF	20.7	55.0	82.0	92.7	96.3	99	74.3
MSB-1075	43.0	59.3	75.0	80.0	88.3	99	74.1
MSB-1017	26.0	51.3	81.3	87.3	98.0	99	73.8
MSB-1026	31.7	58.0	80.7	82.0	88.0	99	73.2
JSC 80V	35.7	55.3	72.7	86.7	88.7	99	73.0
MSB-1048	28.0	50.0	73.3	85.0	93.3	99	71.4
OKC1666	23.7	53.7	76.3	84.0	90.0	99	71.1
FB 1902	28.7	55.3	71.3	82.0	86.0	99	70.4
OKC1406	21.7	42.7	68.3	76.0	95.7	99	67.2
TIFWAY	26.3	37.3	68.0	78.7	92.3	99	66.9
LSD VALUE	12.9	11.6	14.6	11.6	7.0	0	6.9
C.V. (%)	23.0	11.5	9.3	7.1	4.0	0	5.1

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 31B. PERCENT RECOVERY RATINGS FROM DIVOTS OF BERMUDAGRASS (SEEDED) CULTIVARS
 GROWN AT STILLWATER, OK 1/
 2021 DATA 2/

NAME	7/14	7/20	7/27	8/3	8/10	8/17	MEAN
OKS2015-7	33.7	72.7	94.0	99.0	99	99	82.9
JSC 2013-10S	37.7	69.0	89.7	96.0	99	99	81.7
JSC 2013-5S	33.0	73.0	92.0	93.7	99	99	81.6
RIVIERA	33.3	69.3	88.0	99.0	99	99	81.3
PST-R6TM	25.3	69.7	88.3	99.0	99	99	80.1
JSC 2013-12S	32.0	67.0	86.7	94.0	99	99	79.6
SUN QUEEN (PST-R6MM)	26.7	65.3	88.7	99.0	99	99	79.6
MONACO	30.7	67.0	86.3	94.7	99	99	79.4
JSC 2013-8S	27.0	63.7	90.3	95.3	99	99	79.1
OKS2015-3	28.0	63.0	88.7	96.7	99	99	79.1
JSC 2013-7S	32.3	65.7	83.7	90.3	99	99	78.3
COPPERHEAD (DLF-460/3048)	31.7	63.3	82.7	92.7	99	99	78.1
OKS2015-1	32.7	61.7	80.0	93.0	99	99	77.6
LSD VALUE	16.3	20.6	19.5	13.1	0	0	10.6
C.V. (%)	19.3	10.7	8.0	5.1	0	0	4.4

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 31C. PERCENT RECOVERY RATINGS FROM DIVOTS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS GROWN AT STILLWATER, OK 1/
2021 DATA 2/

NAME	7/14	7/20	7/27	8/3	8/10	8/17	MEAN
TAHOMA 31	24.0	72.3	98.0	96.0	99.0	99	81.4
FB 1630	32.7	67.3	92.0	97.0	99.0	99	81.2
OKC1873	31.3	64.7	89.0	96.7	99.0	99	79.9
FB 1628	33.0	65.7	85.7	95.7	99.0	99	79.7
FB 1903	35.0	61.0	81.0	94.3	99.0	99	78.2
JSC 77V	19.3	67.3	89.3	95.0	99.0	99	78.2
OKC1682	26.3	59.7	83.3	95.7	99.0	99	77.2
LATITUDE 36	15.0	60.0	92.0	98.0	94.7	99	76.4
ASTRO	18.0	54.0	83.3	99.0	99.0	99	75.4
MSB-1050	30.7	60.0	81.3	83.7	97.0	99	75.3
OKC1876	27.3	51.3	85.7	91.0	95.0	99	74.9
MSB-1042	22.7	54.7	81.7	92.0	97.0	99	74.5
TIFTUF	20.7	55.0	82.0	92.7	96.3	99	74.3
MSB-1075	43.0	59.3	75.0	80.0	88.3	99	74.1
MSB-1017	26.0	51.3	81.3	87.3	98.0	99	73.8
MSB-1026	31.7	58.0	80.7	82.0	88.0	99	73.2
JSC 80V	35.7	55.3	72.7	86.7	88.7	99	73.0
MSB-1048	28.0	50.0	73.3	85.0	93.3	99	71.4
OKC1666	23.7	53.7	76.3	84.0	90.0	99	71.1
FB 1902	28.7	55.3	71.3	82.0	86.0	99	70.4
OKC1406	21.7	42.7	68.3	76.0	95.7	99	67.2
TIFWAY	26.3	37.3	68.0	78.7	92.3	99	66.9
LSD VALUE	13.4	12.0	15.7	13.7	9.7	0	8.0
C.V. (%)	25.6	12.3	10.2	8.1	5.1	0	5.6

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

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

TABLE 32A.

GENETIC COLOR RATINGS OF BERMUDAGRASS CULTIVARS 1/
2020-23 DATA

NAME	GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/											MEAN
	AL1	AR1	FL3	IN1	KS2	M01	MS1	NC1	OK1	OK3	TN1	
FB 1628	6.6	7.7	7.8	8.4	7.8	5.3	6.3	7.0	7.2	6.9	6.3	7.1
MSB-1026	7.0	7.2	8.1	7.3	7.6	3.7	6.0	6.8	6.8	6.4	7.2	7.0
MSB-1050	6.9	6.5	8.4	7.6	7.5	5.0	6.3	7.2	6.8	6.6	5.9	6.9
FB 1903	5.8	6.8	8.1	7.8	8.6	4.0	6.0	6.7	6.4	6.4	6.2	6.8
MSB-1075	6.2	6.8	7.6	7.3	8.8	2.3	6.3	6.9	6.7	6.6	5.8	6.8
TAHOMA 31	6.1	6.5	7.4	8.0	7.3	6.3	6.3	6.1	6.4	6.6	5.6	6.7
CELEBRATION HYBRID (MSB-1017)	7.6	7.3	7.7	7.7	6.9	4.7	6.0	6.9	6.4	6.2	4.7	6.6
FB 1630	6.0	6.8	7.6	7.3	7.8	4.7	5.7	6.8	6.3	6.0	5.5	6.5
MSB-1048	6.6	7.0	7.3	7.4	6.9	5.3	5.7	6.7	6.3	6.4	5.3	6.5
FB 1902	6.4	6.2	7.2	7.1	7.2	5.7	5.0	7.0	6.2	6.1	6.9	6.5
TIFWAY	7.1	6.8	7.9	7.0	6.7	6.3	6.3	6.3	6.3	6.3	4.7	6.5
OKC1876	7.2	7.5	7.1	8.1	6.3	5.7	5.7	6.7	6.6	6.6	4.6	6.5
OKC1682	6.1	6.8	7.3	7.1	6.2	6.3	6.0	5.9	6.3	6.2	6.0	6.4
JSC 2013-7S	6.1	6.8	7.1	6.8	7.4	5.3	5.7	6.8	6.3	6.0	5.3	6.3
JSC 2013-8S	5.6	6.3	6.6	6.8	6.6	5.3	6.0	6.8	6.1	5.9	6.8	6.3
LATITUDE 36	6.6	7.2	7.2	6.9	5.3	6.3	6.3	6.1	6.2	6.1	5.6	6.3
MONACO	5.0	6.8	6.8	7.6	6.7	5.3	6.0	6.7	6.3	6.1	5.5	6.3
JSC 2013-5S	6.1	6.5	6.7	6.3	7.0	5.7	5.3	7.0	5.9	5.9	6.4	6.3
OKS2015-3	5.4	6.2	6.6	7.0	5.8	5.7	5.7	6.7	6.2	6.2	6.7	6.2
RIVIERA	5.6	6.8	6.1	7.0	5.8	5.3	6.0	6.8	6.1	6.0	6.3	6.2
JSC 2013-10S	5.6	6.7	7.0	7.2	6.7	5.3	5.7	6.3	5.9	6.0	5.4	6.2
OKC1873	7.0	6.8	6.8	7.3	5.6	5.0	5.7	6.4	6.0	6.1	5.1	6.2
TIFTUF	5.9	7.2	6.7	6.4	5.9	5.3	6.0	6.7	6.3	6.1	5.3	6.1
MSB-1042	6.4	6.8	6.8	7.1	5.5	6.3	5.3	5.8	6.4	6.4	5.2	6.1
JSC 2013-12S	5.3	6.2	6.7	6.3	6.4	5.0	6.0	6.6	6.2	6.0	5.6	6.1
OKS2015-7	5.2	6.3	7.0	7.0	5.8	5.7	6.0	6.1	6.1	5.9	5.3	6.1
COPPERHEAD (DLF-460/3048)	5.7	7.0	6.1	6.1	5.6	3.3	5.0	6.1	6.1	6.0	7.0	6.0
SUN QUEEN (PST-R6MM)	5.8	6.3	6.1	6.2	5.1	3.7	5.3	6.7	6.3	6.2	6.4	5.9
OKC1406	5.3	6.2	6.8	6.6	5.2	7.3	6.0	6.1	5.5	5.7	5.6	5.9
JSC 77V	5.2	6.7	7.0	6.4	5.5	4.7	5.7	6.0	5.8	5.8	5.8	5.9
PST-R6TM	5.4	6.0	6.1	6.2	5.3	3.7	5.3	6.2	6.3	6.2	6.3	5.9
OKS2015-1	5.6	6.7	6.5	6.0	6.1	5.7	5.0	6.2	5.8	5.4	5.5	5.8
JSC 80V	5.4	6.2	6.8	5.6	4.8	6.0	6.0	5.7	5.3	5.2	6.1	5.7
ASTRO	5.8	5.7	6.5	5.3	4.1	6.0	5.7	5.8	5.8	6.0	4.8	5.5
OKC1666	5.6	5.7	6.2	5.2	4.1	6.0	5.3	5.3	6.0	6.1	5.3	5.5
LSD VALUE	1.5	1.4	1.4	1.3	1.0	1.3	0.8	0.8	0.8	0.8	2.5	0.5
C.V. (%)	15.3	12.7	12.1	11.3	10.2	15.9	8.6	7.6	7.6	7.7	27.8	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 32B.

GENETIC COLOR RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
2020-23 DATA

NAME	GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/											
	AL1	AR1	FL3	IN1	KS2	M01	MS1	NC1	OK1	OK3	TN1	MEAN
JSC 2013-7S	6.1	6.8	7.1	6.8	7.4	5.3	5.7	6.8	6.3	6.0	5.3	6.3
JSC 2013-8S	5.6	6.3	6.6	6.8	6.6	5.3	6.0	6.8	6.1	5.9	6.8	6.3
MONACO	5.0	6.8	6.8	7.6	6.7	5.3	6.0	6.7	6.3	6.1	5.5	6.3
JSC 2013-5S	6.1	6.5	6.7	6.3	7.0	5.7	5.3	7.0	5.9	5.9	6.4	6.3
OKS2015-3	5.4	6.2	6.6	7.0	5.8	5.7	5.7	6.7	6.2	6.2	6.7	6.2
RIVIERA	5.6	6.8	6.1	7.0	5.8	5.3	6.0	6.8	6.1	6.0	6.3	6.2
JSC 2013-10S	5.6	6.7	7.0	7.2	6.7	5.3	5.7	6.3	5.9	6.0	5.4	6.2
JSC 2013-12S	5.3	6.2	6.7	6.3	6.4	5.0	6.0	6.6	6.2	6.0	5.6	6.1
OKS2015-7	5.2	6.3	7.0	7.0	5.8	5.7	6.0	6.1	6.1	5.9	5.3	6.1
COPPERHEAD (DLF-460/3048)	5.7	7.0	6.1	6.1	5.6	3.3	5.0	6.1	6.1	6.0	7.0	6.0
SUN QUEEN (PST-R6MM)	5.8	6.3	6.1	6.2	5.1	3.7	5.3	6.7	6.3	6.2	6.4	5.9
PST-R6TM	5.4	6.0	6.1	6.2	5.3	3.7	5.3	6.2	6.3	6.2	6.3	5.9
OKS2015-1	5.6	6.7	6.5	6.0	6.1	5.7	5.0	6.2	5.8	5.4	5.5	5.8
LSD VALUE	1.4	1.0	1.3	1.2	1.0	0.9	0.6	0.7	0.6	0.5	2.7	0.5
C.V. (%)	16.5	10.2	12.5	10.8	10.0	11.1	7.0	6.7	5.6	5.5	29.1	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 32C.

GENETIC COLOR RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
2020-23 DATA

NAME	GENETIC COLOR RATINGS 1-9; 9=DARK GREEN											MEAN
	AL1	AR1	FL3	IN1	KS2	M01	MS1	NC1	OK1	OK3	TN1	
FB 1628	6.6	7.7	7.8	8.4	7.8	5.3	6.3	7.0	7.2	6.9	6.3	7.1
MSB-1026	7.0	7.2	8.1	7.3	7.6	3.7	6.0	6.8	6.8	6.4	7.2	7.0
MSB-1050	6.9	6.5	8.4	7.6	7.5	5.0	6.3	7.2	6.8	6.6	5.9	6.9
FB 1903	5.8	6.8	8.1	7.8	8.6	4.0	6.0	6.7	6.4	6.4	6.2	6.8
MSB-1075	6.2	6.8	7.6	7.3	8.8	2.3	6.3	6.9	6.7	6.6	5.8	6.8
TAHOMA 31	6.1	6.5	7.4	8.0	7.3	6.3	6.3	6.1	6.4	6.6	5.6	6.7
CELEBRATION HYBRID (MSB-1017)	7.6	7.3	7.7	7.7	6.9	4.7	6.0	6.9	6.4	6.2	4.7	6.6
FB 1630	6.0	6.8	7.6	7.3	7.8	4.7	5.7	6.8	6.3	6.0	5.5	6.5
MSB-1048	6.6	7.0	7.3	7.4	6.9	5.3	5.7	6.7	6.3	6.4	5.3	6.5
FB 1902	6.4	6.2	7.2	7.1	7.2	5.7	5.0	7.0	6.2	6.1	6.9	6.5
TIFWAY	7.1	6.8	7.9	7.0	6.7	6.3	6.3	6.3	6.3	6.3	4.7	6.5
OKC1876	7.2	7.5	7.1	8.1	6.3	5.7	5.7	6.7	6.6	6.6	4.6	6.5
OKC1682	6.1	6.8	7.3	7.1	6.2	6.3	6.0	5.9	6.3	6.2	6.0	6.4
LATITUDE 36	6.6	7.2	7.2	6.9	5.3	6.3	6.3	6.1	6.2	6.1	5.6	6.3
OKC1873	7.0	6.8	6.8	7.3	5.6	5.0	5.7	6.4	6.0	6.1	5.1	6.2
TIFTUF	5.9	7.2	6.7	6.4	5.9	5.3	6.0	6.7	6.3	6.1	5.3	6.1
MSB-1042	6.4	6.8	6.8	7.1	5.5	6.3	5.3	5.8	6.4	6.4	5.2	6.1
OKC1406	5.3	6.2	6.8	6.6	5.2	7.3	6.0	6.1	5.5	5.7	5.6	5.9
JSC 77V	5.2	6.7	7.0	6.4	5.5	4.7	5.7	6.0	5.8	5.8	5.8	5.9
JSC 80V	5.4	6.2	6.8	5.6	4.8	6.0	6.0	5.7	5.3	5.2	6.1	5.7
ASTRO	5.8	5.7	6.5	5.3	4.1	6.0	5.7	5.8	5.8	6.0	4.8	5.5
OKC1666	5.6	5.7	6.2	5.2	4.1	6.0	5.3	5.3	6.0	6.1	5.3	5.5
LSD VALUE	1.5	1.5	1.4	1.3	1.1	1.5	0.9	0.8	0.8	0.8	2.3	0.5
C.V. (%)	14.9	13.7	11.9	11.5	10.3	17.9	9.3	8.2	8.4	8.3	26.8	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 33A.

 SPRING GREENUP RATINGS OF BERMUDAGRASS CULTIVARS 1/
 2020-23 DATA

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

NAME	AL1	AR1	FL3	IN1	KS2	KY1	MD1	M01	MS1	NC1	OK1	OK3	TN1	VA1	MEAN
TAHOMA 31	5.4	6.8	4.6	5.0	5.8	5.7	7.7	7.0	6.1	3.5	6.3	5.2	6.7	6.6	5.8
JSC 77V	6.4	5.7	4.4	4.6	4.4	5.3	7.3	7.3	6.6	3.6	6.5	5.2	6.9	6.5	5.6
RIVIERA	7.2	4.2	5.7	4.1	4.8	5.7	7.3	4.7	5.5	3.7	5.0	5.1	7.3	6.8	5.5
LATITUDE 36	5.6	6.0	5.3	4.3	5.4	5.3	7.3	6.3	6.3	3.5	4.3	3.7	7.2	6.8	5.4
JSC 2013-12S	5.7	4.2	6.2	4.9	4.7	5.7	7.3	4.7	5.4	3.2	5.0	5.2	6.9	7.1	5.4
OXS2015-7	6.4	4.0	5.3	3.3	4.9	4.7	7.0	4.0	5.1	3.3	5.7	6.0	7.6	7.5	5.4
OXS2015-3	6.0	4.7	5.4	3.4	4.8	5.3	7.3	4.3	5.6	3.4	5.2	5.3	7.3	7.2	5.4
JSC 2013-10S	6.4	4.5	5.8	4.5	5.3	4.7	7.0	3.3	5.2	3.5	5.0	4.9	7.7	6.3	5.4
OKC1406	4.4	5.0	4.7	5.8	5.0	4.0	7.3	6.0	6.3	3.4	4.9	4.3	7.4	6.1	5.3
OXS2015-1	7.2	5.3	5.3	4.1	4.9	4.7	7.0	4.7	5.0	3.1	4.9	4.7	7.0	7.1	5.3
JSC 2013-5S	7.2	4.3	5.4	4.3	4.8	5.0	7.0	4.7	5.3	2.9	4.8	5.1	7.2	6.9	5.3
ASTRO	5.4	4.2	5.0	5.5	4.1	4.7	7.0	6.0	6.1	3.4	5.3	5.2	4.9	7.2	5.3
TIFTUF	5.0	6.0	5.1	3.2	4.0	5.0	7.3	4.0	6.3	3.5	5.1	4.6	7.1	6.8	5.2
JSC 2013-8S	6.1	4.3	6.0	3.5	4.5	4.7	7.0	5.7	5.2	3.4	4.8	4.7	7.2	6.3	5.1
JSC 80V	5.2	3.3	5.2	4.4	5.2	3.7	7.0	5.3	6.0	3.2	4.7	5.0	6.8	6.5	5.1
MONACO	6.1	4.8	5.8	3.4	4.2	4.7	7.3	5.7	5.1	3.4	4.8	4.6	7.2	6.5	5.1
MSB-1042	5.3	4.2	5.1	4.3	4.5	2.0	6.7	5.0	6.2	2.8	4.6	4.3	7.2	7.4	5.1
FB 1628	6.3	5.5	4.8	2.8	3.9	4.0	6.0	5.0	6.4	3.6	4.3	4.3	7.4	6.3	5.0
JSC 2013-7S	5.9	4.5	5.6	4.4	4.3	4.0	7.0	5.0	4.6	3.0	4.5	5.0	6.9	6.7	5.0
OKC1666	4.3	4.5	4.7	5.1	4.7	5.7	5.0	6.0	5.8	2.8	4.4	3.6	7.6	6.3	5.0
OKC1682	2.4	4.5	5.2	4.0	4.8	4.3	6.3	6.3	5.9	3.6	5.5	3.9	7.4	5.3	4.9
MSB-1026	8.0	5.5	6.7	3.3	3.6	3.7	6.7	2.7	5.7	3.2	2.9	2.4	7.6	5.8	4.8
TIFWAY	6.3	4.2	5.0	2.5	3.2	2.7	5.3	2.3	6.1	3.4	3.5	3.7	7.3	6.8	4.6
FB 1630	7.4	4.7	5.2	3.4	3.0	2.7	5.3	3.3	4.7	4.2	3.0	2.6	8.0	5.7	4.6
OKC1876	5.6	5.2	4.8	2.7	3.4	2.7	6.0	4.0	5.8	3.0	2.9	3.3	7.6	6.8	4.6
COPPERHEAD (DLF-460/3048)	6.2	2.8	5.8	3.1	3.9	3.7	6.3	4.7	4.5	3.1	4.0	4.6	7.7	4.6	4.5
SUN QUEEN (PST-R6MM)	6.2	3.8	5.3	3.0	3.8	3.7	5.3	3.3	4.8	3.1	3.8	4.3	6.8	4.8	4.4
FB 1902	6.4	3.5	6.3	2.7	2.7	2.3	3.7	2.3	5.8	3.0	4.0	4.1	7.2	4.7	4.4
PST-R6TM	5.2	3.3	5.7	2.7	2.9	3.0	5.7	2.7	4.2	3.2	3.8	4.4	7.0	4.6	4.1
OKC1873	5.1	4.8	5.4	2.9	2.8	2.7	3.7	3.3	3.9	3.1	3.3	2.0	7.2	5.1	4.0
CELEBRATION HYBRID (MSB-1017)	6.8	3.3	4.8	3.1	2.9	1.7	5.3	3.0	4.4	2.3	2.3	2.2	7.2	5.3	4.0
MSB-1075	5.7	2.5	5.8	4.0	2.4	2.0	2.0	1.7	4.5	2.8	2.6	3.2	7.0	3.1	3.8
FB 1903	4.9	3.3	5.3	3.5	1.9	3.3	3.3	2.0	4.8	2.6	2.7	2.0	7.2	3.3	3.7
MSB-1048	4.4	1.8	3.7	2.6	1.5	1.7	3.0	1.7	4.7	1.8	2.2	1.9	6.9	3.1	3.1
MSB-1050	5.2	2.5	2.8	3.2	1.4	1.0	3.0	1.3	4.0	1.7	2.0	1.3	6.9	3.0	3.0
LSD VALUE	1.6	1.6	1.1	2.0	1.5	1.4	1.2	1.5	1.7	1.1	1.4	1.4	1.3	1.8	0.5
C.V. (%)	16.8	22.8	13.6	36.1	24.1	22.1	11.9	21.2	20.7	25.4	22.3	23.9	12.0	21.2	20.3

 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 33B.

 SPRING GREENUP RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
 2020-23 DATA

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

NAME	AL1	AR1	FL3	IN1	KS2	KY1	MD1	MO1	MS1	NC1	OK1	OK3	TN1	VA1	MEAN
RIVIERA	7.2	4.2	5.7	4.1	4.8	5.7	7.3	4.7	5.5	3.7	5.0	5.1	7.3	6.8	5.5
JSC 2013-12S	5.7	4.2	6.2	4.9	4.7	5.7	7.3	4.7	5.4	3.2	5.0	5.2	6.9	7.1	5.4
OKS2015-7	6.4	4.0	5.3	3.3	4.9	4.7	7.0	4.0	5.1	3.3	5.7	6.0	7.6	7.5	5.4
OKS2015-3	6.0	4.7	5.4	3.4	4.8	5.3	7.3	4.3	5.6	3.4	5.2	5.3	7.3	7.2	5.4
JSC 2013-10S	6.4	4.5	5.8	4.5	5.3	4.7	7.0	3.3	5.2	3.5	5.0	4.9	7.7	6.3	5.4
OKS2015-1	7.2	5.3	5.3	4.1	4.9	4.7	7.0	4.7	5.0	3.1	4.9	4.7	7.0	7.1	5.3
JSC 2013-5S	7.2	4.3	5.4	4.3	4.8	5.0	7.0	4.7	5.3	2.9	4.8	5.1	7.2	6.9	5.3
JSC 2013-8S	6.1	4.3	6.0	3.5	4.5	4.7	7.0	5.7	5.2	3.4	4.8	4.7	7.2	6.3	5.1
MONACO	6.1	4.8	5.8	3.4	4.2	4.7	7.3	5.7	5.1	3.4	4.8	4.6	7.2	6.5	5.1
JSC 2013-7S	5.9	4.5	5.6	4.4	4.3	4.0	7.0	5.0	4.6	3.0	4.5	5.0	6.9	6.7	5.0
COPPERHEAD (DLF-460/3048)	6.2	2.8	5.8	3.1	3.9	3.7	6.3	4.7	4.5	3.1	4.0	4.6	7.7	4.6	4.5
SUN QUEEN (PST-R6MM)	6.2	3.8	5.3	3.0	3.8	3.7	5.3	3.3	4.8	3.1	3.8	4.3	6.8	4.8	4.4
PST-R6TM	5.2	3.3	5.7	2.7	2.9	3.0	5.7	2.7	4.2	3.2	3.8	4.4	7.0	4.6	4.1
LSD VALUE	1.3	1.5	1.2	1.9	1.8	1.2	0.9	1.6	2.1	1.2	1.0	1.3	1.2	1.7	0.5
C.V. (%)	13.2	24.3	14.3	35.5	25.9	16.5	8.5	22.4	25.9	27.9	15.0	20.5	10.5	17.2	19.2

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 33C.

SPRING GREENUP RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
2020-23 DATA

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

NAME	AL1	AR1	FL3	IN1	KS2	KY1	MD1	MO1	MS1	NC1	OK1	OK3	TN1	VA1	MEAN
TAHOMA 31	5.4	6.8	4.6	5.0	5.8	5.7	7.7	7.0	6.1	3.5	6.3	5.2	6.7	6.6	5.8
JSC 77V	6.4	5.7	4.4	4.6	4.4	5.3	7.3	7.3	6.6	3.6	6.5	5.2	6.9	6.5	5.6
LATITUDE 36	5.6	6.0	5.3	4.3	5.4	5.3	7.3	6.3	6.3	3.5	4.3	3.7	7.2	6.8	5.4
OKC1406	4.4	5.0	4.7	5.8	5.0	4.0	7.3	6.0	6.3	3.4	4.9	4.3	7.4	6.1	5.3
ASTRO	5.4	4.2	5.0	5.5	4.1	4.7	7.0	6.0	6.1	3.4	5.3	5.2	4.9	7.2	5.3
TIFTUF	5.0	6.0	5.1	3.2	4.0	5.0	7.3	4.0	6.3	3.5	5.1	4.6	7.1	6.8	5.2
JSC 80V	5.2	3.3	5.2	4.4	5.2	3.7	7.0	5.3	6.0	3.2	4.7	5.0	6.8	6.5	5.1
MSB-1042	5.3	4.2	5.1	4.3	4.5	2.0	6.7	5.0	6.2	2.8	4.6	4.3	7.2	7.4	5.1
FB 1628	6.3	5.5	4.8	2.8	3.9	4.0	6.0	5.0	6.4	3.6	4.3	4.3	7.4	6.3	5.0
OKC1666	4.3	4.5	4.7	5.1	4.7	5.7	5.0	6.0	5.8	2.8	4.4	3.6	7.6	6.3	5.0
OKC1682	2.4	4.5	5.2	4.0	4.8	4.3	6.3	6.3	5.9	3.6	5.5	3.9	7.4	5.3	4.9
MSB-1026	8.0	5.5	6.7	3.3	3.6	3.7	6.7	2.7	5.7	3.2	2.9	2.4	7.6	5.8	4.8
TIFWAY	6.3	4.2	5.0	2.5	3.2	2.7	5.3	2.3	6.1	3.4	3.5	3.7	7.3	6.8	4.6
FB 1630	7.4	4.7	5.2	3.4	3.0	2.7	5.3	3.3	4.7	4.2	3.0	2.6	8.0	5.7	4.6
OKC1876	5.6	5.2	4.8	2.7	3.4	2.7	6.0	4.0	5.8	3.0	2.9	3.3	7.6	6.8	4.6
FB 1902	6.4	3.5	6.3	2.7	2.7	2.3	3.7	2.3	5.8	3.0	4.0	4.1	7.2	4.7	4.4
OKC1873	5.1	4.8	5.4	2.9	2.8	2.7	3.7	3.3	3.9	3.1	3.3	2.0	7.2	5.1	4.0
CELEBRATION HYBRID (MSB-1017)	6.8	3.3	4.8	3.1	2.9	1.7	5.3	3.0	4.4	2.3	2.3	2.2	7.2	5.3	4.0
MSB-1075	5.7	2.5	5.8	4.0	2.4	2.0	2.0	1.7	4.5	2.8	2.6	3.2	7.0	3.1	3.8
FB 1903	4.9	3.3	5.3	3.5	1.9	3.3	3.3	2.0	4.8	2.6	2.7	2.0	7.2	3.3	3.7
MSB-1048	4.4	1.8	3.7	2.6	1.5	1.7	3.0	1.7	4.7	1.8	2.2	1.9	6.9	3.1	3.1
MSB-1050	5.2	2.5	2.8	3.2	1.4	1.0	3.0	1.3	4.0	1.7	2.0	1.3	6.9	3.0	3.0
LSD VALUE	1.8	1.6	1.0	2.1	1.2	1.5	1.3	1.4	1.4	0.9	1.6	1.2	1.4	1.9	0.5
C.V. (%)	19.5	22.4	13.1	36.9	21.5	26.4	14.2	20.4	16.7	24.0	28.2	20.5	12.8	24.5	20.9

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 34A.

LEAF TEXTURE RATINGS OF BERMUDAGRASS CULTIVARS 1/
2020-23 DATA

NAME	LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/										MEAN
	AL1	AR1	FL3	IN1	KS2	MS1	NC1	OK1	OK3	TN1	
MSB-1050	7.7	7.5	7.8	7.8	6.6	7.0	8.0	7.7	7.6	3.8	6.9
MSB-1048	5.9	7.2	7.8	6.8	7.8	6.2	8.0	7.5	7.1	4.5	6.7
MSB-1042	5.6	7.5	8.0	7.2	7.9	6.2	8.0	7.4	7.2	3.8	6.7
OKC1876	7.1	7.0	7.4	7.1	6.8	6.8	8.0	7.3	7.2	4.0	6.7
OKC1666	7.0	6.7	7.9	7.1	8.3	6.2	7.7	6.7	6.7	3.9	6.7
CELEBRATION HYBRID (MSB-1017)	7.3	7.2	7.7	6.2	7.2	6.5	8.0	7.5	7.1	3.8	6.7
LATITUDE 36	6.9	6.8	7.4	7.1	7.4	6.0	8.0	7.1	7.0	3.9	6.6
MSB-1026	8.3	7.2	6.5	7.2	6.2	6.1	7.3	7.0	7.0	3.6	6.4
TIFTUF	6.7	7.5	6.4	6.4	6.8	6.3	7.3	7.2	7.1	4.0	6.4
OKC1873	6.9	7.5	7.0	6.8	6.3	5.8	7.3	7.1	6.8	4.3	6.4
JSC 80V	4.6	7.2	7.2	6.8	7.4	6.2	7.0	6.9	6.9	4.3	6.3
TIFWAY	6.3	7.5	6.8	6.6	6.7	6.2	7.7	6.9	6.9	3.8	6.3
OKC1406	6.6	7.3	6.9	6.8	6.5	5.7	7.7	6.9	6.9	3.8	6.3
OKC1682	4.8	6.5	7.2	6.9	6.9	6.2	7.7	6.8	6.9	4.2	6.3
FB 1628	7.2	6.5	6.2	7.1	5.8	6.2	7.0	6.8	6.7	3.9	6.2
MSB-1075	5.4	5.5	7.9	5.4	5.5	6.7	8.0	7.2	7.1	3.9	6.1
TAHOMA 31	4.2	7.7	6.5	7.1	6.3	6.0	7.7	7.0	7.0	4.0	6.1
JSC 77V	4.7	6.8	6.5	6.4	6.5	6.2	7.3	6.8	6.8	4.3	6.1
RIVIERA	6.6	6.7	6.3	5.7	6.2	5.2	7.0	6.0	6.0	3.8	5.7
ASTRO	4.7	6.3	5.5	6.4	6.2	5.7	7.0	6.3	6.2	3.8	5.7
MONACO	5.4	6.0	6.3	5.6	6.0	5.0	7.0	6.0	6.0	4.0	5.6
JSC 2013-7S	5.2	6.5	6.4	5.3	6.0	5.2	7.0	6.1	6.0	3.5	5.5
FB 1902	7.0	6.3	4.8	5.6	5.5	5.3	7.0	6.2	6.0	3.8	5.5
JSC 2013-5S	6.1	6.2	5.9	5.3	5.8	5.3	7.0	6.1	6.0	3.4	5.5
FB 1903	5.8	6.3	4.9	5.4	4.8	5.8	7.0	6.8	6.7	3.8	5.5
COPPERHEAD (DLF-460/3048)	6.0	5.8	5.8	5.4	5.9	5.0	6.7	6.0	6.0	3.8	5.5
OKS2015-3	4.4	6.7	5.8	5.1	5.9	5.2	7.0	6.0	6.0	4.3	5.5
FB 1630	6.7	6.0	5.3	4.7	4.7	5.8	7.0	6.3	6.1	3.8	5.5
JSC 2013-12S	5.1	6.3	5.8	5.4	5.8	5.0	7.0	6.0	6.0	3.6	5.4
JSC 2013-8S	5.1	6.3	5.8	5.3	5.6	5.0	7.0	6.0	6.0	3.8	5.4
OKS2015-1	5.8	6.0	5.4	5.7	5.6	5.0	7.0	5.9	5.9	3.7	5.4
JSC 2013-10S	5.3	6.2	4.8	5.8	6.0	5.1	7.0	6.0	6.0	3.5	5.4
OKS2015-7	4.9	6.0	5.7	5.2	5.0	4.8	6.7	6.0	6.0	3.8	5.2
SUN QUEEN (PST-R6MM)	3.8	6.0	5.8	5.7	5.6	5.0	7.0	5.9	5.9	3.3	5.2
PST-R6TM	3.2	6.2	5.3	5.4	5.5	5.0	6.7	6.0	6.0	3.8	5.2
LSD VALUE	1.3	0.9	1.3	1.3	1.0	0.6	0.5	0.5	0.5	0.7	0.3
C.V. (%)	14.1	8.6	12.2	12.9	10.1	6.8	4.6	4.7	4.4	16.4	9.6

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

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

TABLE 34B.

LEAF TEXTURE RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
2020-23 DATA

NAME	LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/										
	AL1	AR1	FL3	IN1	KS2	MS1	NC1	OK1	OK3	TN1	MEAN
RIVIERA	6.6	6.7	6.3	5.7	6.2	5.2	7.0	6.0	6.0	3.8	5.7
MONACO	5.4	6.0	6.3	5.6	6.0	5.0	7.0	6.0	6.0	4.0	5.6
JSC 2013-7S	5.2	6.5	6.4	5.3	6.0	5.2	7.0	6.1	6.0	3.5	5.5
JSC 2013-5S	6.1	6.2	5.9	5.3	5.8	5.3	7.0	6.1	6.0	3.4	5.5
COPPERHEAD (DLF-460/3048)	6.0	5.8	5.8	5.4	5.9	5.0	6.7	6.0	6.0	3.8	5.5
OKS2015-3	4.4	6.7	5.8	5.1	5.9	5.2	7.0	6.0	6.0	4.3	5.5
JSC 2013-12S	5.1	6.3	5.8	5.4	5.8	5.0	7.0	6.0	6.0	3.6	5.4
JSC 2013-8S	5.1	6.3	5.8	5.3	5.6	5.0	7.0	6.0	6.0	3.8	5.4
OKS2015-1	5.8	6.0	5.4	5.7	5.6	5.0	7.0	5.9	5.9	3.7	5.4
JSC 2013-10S	5.3	6.2	4.8	5.8	6.0	5.1	7.0	6.0	6.0	3.5	5.4
OKS2015-7	4.9	6.0	5.7	5.2	5.0	4.8	6.7	6.0	6.0	3.8	5.2
SUN QUEEN (PST-R6MM)	3.8	6.0	5.8	5.7	5.6	5.0	7.0	5.9	5.9	3.3	5.2
PST-R6TM	3.2	6.2	5.3	5.4	5.5	5.0	6.7	6.0	6.0	3.8	5.2
LSD VALUE	1.4	1.0	1.4	1.4	0.8	0.5	0.4	0.1	0.1	0.8	0.3
C.V. (%)	18.8	9.9	15.4	15.7	8.6	5.6	4.0	1.3	1.3	16.5	10.4

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

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

TABLE 34C.

LEAF TEXTURE RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
2020-23 DATA

NAME	LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/										MEAN
	AL1	AR1	FL3	IN1	KS2	MS1	NC1	OK1	OK3	TN1	
MSB-1050	7.7	7.5	7.8	7.8	6.6	7.0	8.0	7.7	7.6	3.8	6.9
MSB-1048	5.9	7.2	7.8	6.8	7.8	6.2	8.0	7.5	7.1	4.5	6.7
MSB-1042	5.6	7.5	8.0	7.2	7.9	6.2	8.0	7.4	7.2	3.8	6.7
OKC1876	7.1	7.0	7.4	7.1	6.8	6.8	8.0	7.3	7.2	4.0	6.7
OKC1666	7.0	6.7	7.9	7.1	8.3	6.2	7.7	6.7	6.7	3.9	6.7
CELEBRATION HYBRID (MSB-1017)	7.3	7.2	7.7	6.2	7.2	6.5	8.0	7.5	7.1	3.8	6.7
LATITUDE 36	6.9	6.8	7.4	7.1	7.4	6.0	8.0	7.1	7.0	3.9	6.6
MSB-1026	8.3	7.2	6.5	7.2	6.2	6.1	7.3	7.0	7.0	3.6	6.4
TIFTUF	6.7	7.5	6.4	6.4	6.8	6.3	7.3	7.2	7.1	4.0	6.4
OKC1873	6.9	7.5	7.0	6.8	6.3	5.8	7.3	7.1	6.8	4.3	6.4
JSC 80V	4.6	7.2	7.2	6.8	7.4	6.2	7.0	6.9	6.9	4.3	6.3
TIFWAY	6.3	7.5	6.8	6.6	6.7	6.2	7.7	6.9	6.9	3.8	6.3
OKC1406	6.6	7.3	6.9	6.8	6.5	5.7	7.7	6.9	6.9	3.8	6.3
OKC1682	4.8	6.5	7.2	6.9	6.9	6.2	7.7	6.8	6.9	4.2	6.3
FB 1628	7.2	6.5	6.2	7.1	5.8	6.2	7.0	6.8	6.7	3.9	6.2
MSB-1075	5.4	5.5	7.9	5.4	5.5	6.7	8.0	7.2	7.1	3.9	6.1
TAHOMA 31	4.2	7.7	6.5	7.1	6.3	6.0	7.7	7.0	7.0	4.0	6.1
JSC 77V	4.7	6.8	6.5	6.4	6.5	6.2	7.3	6.8	6.8	4.3	6.1
ASTRO	4.7	6.3	5.5	6.4	6.2	5.7	7.0	6.3	6.2	3.8	5.7
FB 1902	7.0	6.3	4.8	5.6	5.5	5.3	7.0	6.2	6.0	3.8	5.5
FB 1903	5.8	6.3	4.9	5.4	4.8	5.8	7.0	6.8	6.7	3.8	5.5
FB 1630	6.7	6.0	5.3	4.7	4.7	5.8	7.0	6.3	6.1	3.8	5.5
LSD VALUE	1.2	0.9	1.1	1.3	1.1	0.7	0.6	0.6	0.6	0.7	0.3
C.V. (%)	12.2	7.9	10.4	11.5	10.7	7.1	4.9	5.4	5.0	16.3	9.2

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

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

TABLE 35A.

SPRING DENSITY RATINGS OF BERMUDAGRASS CULTIVARS 1/
2020-23 DATA

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

NAME	OK1	OK3	TN1	MEAN
MSB-1026	7.2	6.9	8.0	7.2
JSC 80V	6.8	6.7	8.3	6.9
OKC1876	7.0	6.7	6.7	6.8
TAHOMA 31	6.9	6.9	6.0	6.8
OKC1406	6.6	6.6	8.0	6.8
MSB-1050	7.2	6.9	4.0	6.7
MSB-1075	7.3	6.8	4.0	6.7
LATITUDE 36	6.8	6.7	5.7	6.6
FB 1628	6.9	6.8	4.7	6.6
CELEBRATION HYBRID (MSB-1017)	6.9	6.7	4.3	6.5
OKC1666	6.4	6.4	7.0	6.5
MSB-1042	6.7	6.6	5.3	6.5
TIFTUF	7.0	6.6	4.0	6.5
OKC1682	6.5	6.7	5.3	6.4
JSC 77V	6.5	6.3	6.0	6.4
MSB-1048	6.5	6.7	5.0	6.4
OKC1873	6.3	6.2	6.3	6.3
TIFWAY	6.5	6.6	4.0	6.2
ASTRO	6.1	5.8	5.0	5.8
FB 1630	5.9	5.8	4.3	5.7
MONACO	5.6	5.1	7.3	5.6
JSC 2013-8S	5.4	5.3	7.0	5.6
FB 1903	5.8	5.4	5.0	5.5
JSC 2013-5S	5.3	5.1	7.3	5.5
JSC 2013-7S	5.3	5.2	7.0	5.5
OKS2015-3	5.4	5.0	7.0	5.5
RIVIERA	5.4	5.0	7.0	5.5
JSC 2013-10S	5.3	5.3	6.0	5.4
OKS2015-7	5.3	5.1	6.3	5.3
FB 1902	5.5	5.1	5.3	5.3
JSC 2013-12S	5.2	5.2	6.0	5.3
COPPERHEAD (DLF-460/3048)	4.9	4.9	7.0	5.2
OKS2015-1	4.5	4.8	7.7	5.0
SUN QUEEN (PST-R6MM)	4.6	4.6	6.7	4.8
PST-R6TM	4.3	4.3	7.0	4.6
LSD VALUE	0.7	0.6	1.7	0.6
C.V. (%)	7.2	6.7	17.2	8.6

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 35B.

SPRING DENSITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
2020-23 DATA

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

NAME	OK1	OK3	TN1	MEAN
MONACO	5.6	5.1	7.3	5.6
JSC 2013-8S	5.4	5.3	7.0	5.6
JSC 2013-5S	5.3	5.1	7.3	5.5
JSC 2013-7S	5.3	5.2	7.0	5.5
OKS2015-3	5.4	5.0	7.0	5.5
RIVIERA	5.4	5.0	7.0	5.5
JSC 2013-10S	5.3	5.3	6.0	5.4
OKS2015-7	5.3	5.1	6.3	5.3
JSC 2013-12S	5.2	5.2	6.0	5.3
COPPERHEAD (DLF-460/3048)	4.9	4.9	7.0	5.2
OKS2015-1	4.5	4.8	7.7	5.0
SUN QUEEN (PST-R6MM)	4.6	4.6	6.7	4.8
PST-R6TM	4.3	4.3	7.0	4.6
LSD VALUE	0.6	0.5	2.0	0.6
C.V. (%)	7.5	6.0	18.3	9.1

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 35C.

 SPRING DENSITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
 2020-23 DATA

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

NAME	OK1	OK3	TN1	MEAN
MSB-1026	7.2	6.9	8.0	7.2
JSC 80V	6.8	6.7	8.3	6.9
OKC1876	7.0	6.7	6.7	6.8
TAHOMA 31	6.9	6.9	6.0	6.8
OKC1406	6.6	6.6	8.0	6.8
MSB-1050	7.2	6.9	4.0	6.7
MSB-1075	7.3	6.8	4.0	6.7
LATITUDE 36	6.8	6.7	5.7	6.6
FB 1628	6.9	6.8	4.7	6.6
CELEBRATION HYBRID (MSB-1017)	6.9	6.7	4.3	6.5
OKC1666	6.4	6.4	7.0	6.5
MSB-1042	6.7	6.6	5.3	6.5
TIFTUF	7.0	6.6	4.0	6.5
OKC1682	6.5	6.7	5.3	6.4
JSC 77V	6.5	6.3	6.0	6.4
MSB-1048	6.5	6.7	5.0	6.4
OKC1873	6.3	6.2	6.3	6.3
TIFWAY	6.5	6.6	4.0	6.2
ASTRO	6.1	5.8	5.0	5.8
FB 1630	5.9	5.8	4.3	5.7
FB 1903	5.8	5.4	5.0	5.5
FB 1902	5.5	5.1	5.3	5.3
LSD VALUE	0.7	0.7	1.4	0.6
C.V. (%)	6.9	6.8	16.0	8.1

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 36A.

SUMMER DENSITY RATINGS OF BERMUDAGRASS CULTIVARS 1/
2020-23 DATA

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

NAME	IN1	MS1	NC1	OK1	OK3	TN1	MEAN
TIFTUF	7.7	7.0	8.3	7.0	6.6	6.3	7.2
MSB-1050	8.3	7.3	6.7	7.9	7.0	5.3	7.2
OKC1876	8.0	7.0	7.4	7.0	6.8	4.0	7.0
MSB-1042	7.7	6.8	6.9	7.2	6.7	5.7	6.9
FB 1628	7.7	6.0	7.6	7.1	6.7	6.0	6.9
JSC 77V	7.3	6.7	7.4	6.7	6.7	5.7	6.8
LATITUDE 36	7.7	5.5	8.0	7.2	6.7	5.7	6.8
CELEBRATION HYBRID (MSB-1017)	7.3	7.0	7.1	6.9	6.8	4.0	6.8
MSB-1048	7.3	6.0	7.3	7.3	6.4	6.0	6.8
MSB-1026	8.3	6.2	6.7	7.1	6.7	6.7	6.7
JSC 80V	7.3	6.4	8.2	6.4	5.9	4.7	6.7
TAHOMA 31	7.3	6.3	7.7	6.5	6.2	5.3	6.7
TIFWAY	8.0	6.3	6.8	7.0	6.2	6.0	6.7
FB 1903	7.0	6.0	7.5	6.3	5.7	7.3	6.5
ASTRO	5.7	6.2	7.2	6.4	5.9	5.0	6.4
OKC1682	7.3	6.3	5.9	6.8	5.9	6.3	6.3
OKC1873	7.0	5.7	6.6	6.8	6.3	4.7	6.3
OKC1406	7.7	5.7	7.5	6.3	5.8	4.0	6.3
FB 1630	6.0	6.0	7.0	6.2	6.0	5.7	6.3
MSB-1075	6.3	6.3	4.8	7.5	6.8	4.7	6.2
OKC1666	6.7	6.7	6.3	6.2	5.1	5.7	6.1
FB 1902	7.0	6.0	6.0	6.0	6.0	7.3	6.1
JSC 2013-10S	6.3	5.3	7.5	6.2	5.6	3.7	6.1
MONACO	6.7	6.0	6.7	5.8	5.6	4.0	6.0
OKS2015-3	5.7	5.7	6.9	6.0	5.6	4.0	5.9
JSC 2013-5S	5.7	6.0	6.3	6.1	5.7	3.7	5.9
JSC 2013-12S	6.3	5.3	6.9	6.1	5.6	3.7	5.9
RIVIERA	6.7	5.3	7.0	5.8	5.7	3.3	5.9
JSC 2013-8S	6.3	5.3	6.8	6.0	5.7	3.7	5.9
JSC 2013-7S	6.7	5.3	6.6	5.9	5.9	3.3	5.8
OKS2015-7	6.0	5.2	6.7	5.9	5.7	2.7	5.7
OKS2015-1	5.0	5.0	6.3	5.9	5.2	4.0	5.5
COPPERHEAD (DLF-460/3048)	6.3	5.3	5.8	5.7	5.2	4.0	5.5
PST-R6TM	4.3	5.3	5.3	5.8	5.6	4.3	5.4
SUN QUEEN (PST-R6MM)	5.7	5.3	5.1	5.8	5.6	3.3	5.3
LSD VALUE	1.1	0.8	1.3	0.7	0.8	2.8	0.5
C.V. (%)	9.9	8.5	11.8	6.7	8.0	36.1	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 36B.

SUMMER DENSITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
2020-23 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/						MEAN
	IN1	MS1	NC1	OK1	OK3	TN1	
JSC 2013-10S	6.3	5.3	7.5	6.2	5.6	3.7	6.1
MONACO	6.7	6.0	6.7	5.8	5.6	4.0	6.0
OKS2015-3	5.7	5.7	6.9	6.0	5.6	4.0	5.9
JSC 2013-5S	5.7	6.0	6.3	6.1	5.7	3.7	5.9
JSC 2013-12S	6.3	5.3	6.9	6.1	5.6	3.7	5.9
RIVIERA	6.7	5.3	7.0	5.8	5.7	3.3	5.9
JSC 2013-8S	6.3	5.3	6.8	6.0	5.7	3.7	5.9
JSC 2013-7S	6.7	5.3	6.6	5.9	5.9	3.3	5.8
OKS2015-7	6.0	5.2	6.7	5.9	5.7	2.7	5.7
OKS2015-1	5.0	5.0	6.3	5.9	5.2	4.0	5.5
COPPERHEAD (DLF-460/3048)	6.3	5.3	5.8	5.7	5.2	4.0	5.5
PST-R6TM	4.3	5.3	5.3	5.8	5.6	4.3	5.4
SUN QUEEN (PST-R6MM)	5.7	5.3	5.1	5.8	5.6	3.3	5.3
LSD VALUE	1.1	0.8	1.2	0.7	0.7	2.5	0.5
C.V. (%)	11.1	9.1	11.9	6.9	7.8	42.8	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 36C. SUMMER DENSITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
2020-23 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY						MEAN
	IN1	MS1	NC1	OK1	OK3	TN1	
TIFTUF	7.7	7.0	8.3	7.0	6.6	6.3	7.2
MSB-1050	8.3	7.3	6.7	7.9	7.0	5.3	7.2
OKC1876	8.0	7.0	7.4	7.0	6.8	4.0	7.0
MSB-1042	7.7	6.8	6.9	7.2	6.7	5.7	6.9
FB 1628	7.7	6.0	7.6	7.1	6.7	6.0	6.9
JSC 77V	7.3	6.7	7.4	6.7	6.7	5.7	6.8
LATITUDE 36	7.7	5.5	8.0	7.2	6.7	5.7	6.8
CELEBRATION HYBRID (MSB-1017)	7.3	7.0	7.1	6.9	6.8	4.0	6.8
MSB-1048	7.3	6.0	7.3	7.3	6.4	6.0	6.8
MSB-1026	8.3	6.2	6.7	7.1	6.7	6.7	6.7
JSC 80V	7.3	6.4	8.2	6.4	5.9	4.7	6.7
TAHOMA 31	7.3	6.3	7.7	6.5	6.2	5.3	6.7
TIFWAY	8.0	6.3	6.8	7.0	6.2	6.0	6.7
FB 1903	7.0	6.0	7.5	6.3	5.7	7.3	6.5
ASTRO	5.7	6.2	7.2	6.4	5.9	5.0	6.4
OKC1682	7.3	6.3	5.9	6.8	5.9	6.3	6.3
OKC1873	7.0	5.7	6.6	6.8	6.3	4.7	6.3
OKC1406	7.7	5.7	7.5	6.3	5.8	4.0	6.3
FB 1630	6.0	6.0	7.0	6.2	6.0	5.7	6.3
MSB-1075	6.3	6.3	4.8	7.5	6.8	4.7	6.2
OKC1666	6.7	6.7	6.3	6.2	5.1	5.7	6.1
FB 1902	7.0	6.0	6.0	6.0	6.0	7.3	6.1
LSD VALUE	1.1	0.8	1.3	0.7	0.8	3.0	0.5
C.V. (%)	9.4	8.2	11.8	6.6	7.9	33.3	10.7

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

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

TABLE 37A.

FALL DENSITY RATINGS OF BERMUDAGRASS CULTIVARS 1/
2020-23 DATA

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

NAME	IN1	NC1	OK1	OK3	TN1	MEAN
MSB-1050	8.7	7.7	7.9	6.4	4.0	7.2
MSB-1042	7.3	7.6	7.2	6.3	6.0	6.9
LATITUDE 36	7.3	8.2	6.8	5.7	6.7	6.9
TIFTUF	6.7	8.1	6.9	6.2	6.3	6.9
FB 1628	7.0	7.9	6.8	6.0	5.7	6.8
MSB-1048	7.3	7.6	6.8	6.2	5.7	6.7
TIFWAY	7.7	7.3	7.1	5.6	6.0	6.7
MSB-1026	7.5	7.3	6.8	5.8	6.3	6.6
TAHOMA 31	7.3	8.0	6.7	5.9	4.7	6.6
FB 1903	6.3	8.0	6.3	5.7	7.3	6.6
OKC1876	8.0	7.9	7.0	5.9	2.3	6.6
CELEBRATION HYBRID (MSB-1017)	6.0	8.0	6.7	5.9	3.0	6.4
MSB-1075	5.0	6.6	7.3	6.2	3.7	6.4
JSC 77V	7.0	7.7	6.6	5.7	4.3	6.4
OKC1682	7.0	7.2	6.4	5.1	7.0	6.3
FB 1630	5.3	8.1	6.3	5.9	4.3	6.3
OKC1873	7.7	7.3	6.8	5.8	2.7	6.3
OKC1406	7.3	7.8	6.5	5.1	3.3	6.2
ASTRO	5.7	7.3	6.3	5.6	6.0	6.2
FB 1902	5.3	7.2	6.0	5.4	5.7	6.1
JSC 80V	6.7	7.4	6.4	5.6	2.3	6.1
JSC 2013-10S	5.7	7.8	5.6	5.4	5.7	6.1
JSC 2013-5S	5.0	7.6	5.7	5.1	7.3	6.1
JSC 2013-12S	6.0	7.6	5.5	5.1	6.7	6.0
JSC 2013-7S	5.7	7.3	5.4	5.3	7.0	6.0
OKC1666	6.7	7.3	5.6	4.8	6.7	5.9
RIVIERA	6.3	7.7	5.4	5.0	5.0	5.9
SUN QUEEN (PST-R6MM)	6.0	7.0	5.5	4.7	6.7	5.8
JSC 2013-8S	4.7	7.6	5.4	5.0	5.7	5.8
MONACO	5.3	7.4	5.2	5.0	6.3	5.8
OKS2015-3	5.3	7.4	5.3	4.8	6.7	5.7
PST-R6TM	4.7	7.2	5.3	4.9	7.3	5.7
OKS2015-1	5.3	7.2	5.1	4.9	6.3	5.6
COPPERHEAD (DLF-460/3048)	6.0	7.2	5.2	4.6	6.3	5.6
OKS2015-7	4.0	7.3	5.3	4.9	4.7	5.5
LSD VALUE	1.4	0.9	0.8	0.8	2.6	0.6
C.V. (%)	13.3	7.3	7.7	9.2	29.0	10.8

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 37B.

FALL DENSITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
2020-23 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY					MEAN
	IN1	NC1	OK1	OK3	TN1	
JSC 2013-10S	5.7	7.8	5.6	5.4	5.7	6.1
JSC 2013-5S	5.0	7.6	5.7	5.1	7.3	6.1
JSC 2013-12S	6.0	7.6	5.5	5.1	6.7	6.0
JSC 2013-7S	5.7	7.3	5.4	5.3	7.0	6.0
RIVIERA	6.3	7.7	5.4	5.0	5.0	5.9
SUN QUEEN (PST-R6MM)	6.0	7.0	5.5	4.7	6.7	5.8
JSC 2013-8S	4.7	7.6	5.4	5.0	5.7	5.8
MONACO	5.3	7.4	5.2	5.0	6.3	5.8
OKS2015-3	5.3	7.4	5.3	4.8	6.7	5.7
PST-R6TM	4.7	7.2	5.3	4.9	7.3	5.7
OKS2015-1	5.3	7.2	5.1	4.9	6.3	5.6
COPPERHEAD (DLF-460/3048)	6.0	7.2	5.2	4.6	6.3	5.6
OKS2015-7	4.0	7.3	5.3	4.9	4.7	5.5
LSD VALUE	1.6	0.8	0.6	0.6	1.7	0.5
C.V. (%)	19.0	6.4	7.4	7.8	16.9	9.6

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

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

TABLE 37C.

FALL DENSITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
2020-23 DATA

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

NAME	IN1	NC1	OK1	OK3	TN1	MEAN
MSB-1050	8.7	7.7	7.9	6.4	4.0	7.2
MSB-1042	7.3	7.6	7.2	6.3	6.0	6.9
LATITUDE 36	7.3	8.2	6.8	5.7	6.7	6.9
TIFTUF	6.7	8.1	6.9	6.2	6.3	6.9
FB 1628	7.0	7.9	6.8	6.0	5.7	6.8
MSB-1048	7.3	7.6	6.8	6.2	5.7	6.7
TIFWAY	7.7	7.3	7.1	5.6	6.0	6.7
MSB-1026	7.5	7.3	6.8	5.8	6.3	6.6
TAHOMA 31	7.3	8.0	6.7	5.9	4.7	6.6
FB 1903	6.3	8.0	6.3	5.7	7.3	6.6
OKC1876	8.0	7.9	7.0	5.9	2.3	6.6
CELEBRATION HYBRID (MSB-1017)	6.0	8.0	6.7	5.9	3.0	6.4
MSB-1075	5.0	6.6	7.3	6.2	3.7	6.4
JSC 77V	7.0	7.7	6.6	5.7	4.3	6.4
OKC1682	7.0	7.2	6.4	5.1	7.0	6.3
FB 1630	5.3	8.1	6.3	5.9	4.3	6.3
OKC1873	7.7	7.3	6.8	5.8	2.7	6.3
OKC1406	7.3	7.8	6.5	5.1	3.3	6.2
ASTRO	5.7	7.3	6.3	5.6	6.0	6.2
FB 1902	5.3	7.2	6.0	5.4	5.7	6.1
JSC 80V	6.7	7.4	6.4	5.6	2.3	6.1
OKC1666	6.7	7.3	5.6	4.8	6.7	5.9
LSD VALUE	1.1	1.0	0.8	0.9	2.9	0.7
C.V. (%)	10.2	7.8	7.7	9.7	36.5	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 38A.

PERCENT LIVING GROUND COVER (SPRING) RATINGS OF BERMUDAGRASS CULTIVARS 1/
2020-23 DATA

NAME	PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/										MEAN
	AL1	AR1	KS2	MO1	MS1	NC1	OK1	OK3	TN1	VA1	
MSB-1042	92.7	81.7	80.4	96.8	76.2	97.0	99.0	99.0	95.8	88.7	89.4
TAHOMA 31	99.0	95.0	72.5	99.0	71.2	93.0	99.0	99.0	96.3	81.2	87.6
TIFTUF	93.0	95.0	72.5	94.7	76.2	94.7	99.0	99.0	96.0	88.7	87.0
JSC 2013-10S	96.0	63.3	74.6	93.8	79.5	98.3	99.0	99.0	89.3	94.5	86.1
JSC 2013-5S	99.0	61.7	75.4	93.0	77.8	96.7	99.0	99.0	87.3	88.8	85.4
ASTRO	99.0	80.0	65.0	96.2	76.2	97.0	99.0	99.0	96.2	87.8	85.3
OKC1666	63.3	85.0	77.5	80.0	71.2	92.3	99.0	99.0	96.8	79.5	84.8
RIVIERA	99.0	60.0	74.2	92.2	77.8	97.7	99.0	99.0	88.1	92.8	84.7
JSC 80V	60.0	81.7	70.3	85.8	66.2	95.3	99.0	99.0	95.9	81.2	84.3
LATITUDE 36	76.3	90.0	66.7	98.3	77.8	95.3	99.0	99.0	96.1	87.0	84.1
OKC1406	56.7	86.7	71.1	95.3	69.5	95.3	99.0	99.0	95.7	76.2	84.0
OKS2015-1	89.7	78.3	71.7	88.0	71.3	98.3	99.0	99.0	87.5	89.5	84.0
JSC 2013-12S	96.0	60.0	72.8	93.8	79.5	97.7	99.0	99.0	87.9	93.7	83.8
FB 1628	99.0	90.0	62.9	96.0	67.8	92.3	99.0	99.0	97.0	82.0	83.4
OKS2015-7	99.0	53.3	67.9	93.7	74.5	98.3	99.0	99.0	89.7	92.0	83.3
OKS2015-3	96.0	73.3	70.4	89.0	74.5	99.0	99.0	99.0	87.7	93.7	83.2
OKC1876	89.7	83.3	68.3	94.5	64.5	93.0	99.0	99.0	96.4	86.2	83.1
JSC 77V	96.0	86.7	61.3	93.5	76.5	96.0	99.0	99.0	95.0	72.8	83.0
CELEBRATION HYBRID (MSB-1017)	96.0	66.7	64.2	96.7	62.8	92.0	99.0	99.0	97.5	88.7	82.2
JSC 2013-7S	99.0	70.0	68.6	90.5	74.7	99.0	99.0	99.0	83.2	95.3	81.8
JSC 2013-8S	96.0	66.7	72.3	91.3	74.5	98.3	99.0	99.0	88.2	60.0	81.0
OKC1682	43.3	80.0	70.7	90.0	74.5	92.3	99.0	99.0	95.5	62.8	80.9
TIFWAY	89.3	81.7	65.8	94.5	64.5	90.7	99.0	99.0	96.4	76.2	80.7
SUN QUEEN (PST-R6MM)	99.0	56.7	70.7	79.0	68.2	97.7	99.0	99.0	84.4	85.3	80.7
OKC1873	80.0	93.3	62.1	93.0	61.2	93.7	99.0	99.0	96.7	75.3	80.4
MONACO	99.0	63.3	66.3	92.0	76.2	98.3	99.0	99.0	86.9	91.2	80.2
MSB-1026	86.3	78.3	58.8	89.8	72.8	87.3	99.0	99.0	97.3	81.2	79.8
COPPERHEAD (DLF-460/3048)	92.7	40.0	66.9	79.2	73.2	97.0	99.0	99.0	81.3	84.5	78.6
MSB-1048	93.0	63.3	56.7	95.3	52.8	98.3	99.0	99.0	95.4	82.0	76.5
FB 1902	89.3	83.3	51.7	89.5	63.0	94.7	99.0	99.0	96.3	67.0	76.3
FB 1630	92.7	88.3	47.1	95.2	62.8	94.7	99.0	99.0	97.8	78.0	75.9
PST-R6TM	96.0	50.0	57.1	70.8	60.0	95.7	99.0	99.0	82.9	87.0	74.0
FB 1903	86.3	85.0	32.3	83.0	61.3	97.0	99.0	99.0	96.5	66.2	68.1
MSB-1050	96.0	53.3	30.0	98.0	53.7	91.3	99.0	96.0	96.3	73.7	67.6
MSB-1075	73.3	63.3	33.3	79.2	59.5	85.0	75.0	88.0	95.6	60.3	64.3
LSD VALUE	16.7	14.0	19.4	7.6	15.2	3.8	4.9	3.0	3.9	9.2	7.2
C.V. (%)	11.7	11.8	19.1	5.3	16.8	2.5	3.1	1.9	2.7	8.0	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 38B. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
2020-23 DATA

NAME	PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/										MEAN
	AL1	AR1	KS2	MO1	MS1	NC1	OK1	OK3	TN1	VA1	
JSC 2013-10S	96.0	63.3	74.6	93.8	79.5	98.3	99	99	89.3	94.5	86.1
JSC 2013-5S	99.0	61.7	75.4	93.0	77.8	96.7	99	99	87.3	88.8	85.4
RIVIERA	99.0	60.0	74.2	92.2	77.8	97.7	99	99	88.1	92.8	84.7
OKS2015-1	89.7	78.3	71.7	88.0	71.3	98.3	99	99	87.5	89.5	84.0
JSC 2013-12S	96.0	60.0	72.8	93.8	79.5	97.7	99	99	87.9	93.7	83.8
OKS2015-7	99.0	53.3	67.9	93.7	74.5	98.3	99	99	89.7	92.0	83.3
OKS2015-3	96.0	73.3	70.4	89.0	74.5	99.0	99	99	87.7	93.7	83.2
JSC 2013-7S	99.0	70.0	68.6	90.5	74.7	99.0	99	99	83.2	95.3	81.8
JSC 2013-8S	96.0	66.7	72.3	91.3	74.5	98.3	99	99	88.2	60.0	81.0
SUN QUEEN (PST-R6MM)	99.0	56.7	70.7	79.0	68.2	97.7	99	99	84.4	85.3	80.7
MONACO	99.0	63.3	66.3	92.0	76.2	98.3	99	99	86.9	91.2	80.2
COPPERHEAD (DLF-460/3048)	92.7	40.0	66.9	79.2	73.2	97.0	99	99	81.3	84.5	78.6
PST-R6TM	96.0	50.0	57.1	70.8	60.0	95.7	99	99	82.9	87.0	74.0
LSD VALUE	8.3	18.2	16.9	7.5	19.8	3.0	0	0	4.8	7.6	7.5
C.V. (%)	5.3	18.5	15.5	5.4	17.7	1.9	0	0	4.1	5.5	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 38C. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
2020-23 DATA

NAME	PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/										
	AL1	AR1	KS2	MO1	MS1	NC1	OK1	OK3	TN1	VA1	MEAN
MSB-1042	92.7	81.7	80.4	96.8	76.2	97.0	99.0	99.0	95.8	88.7	89.4
TAHOMA 31	99.0	95.0	72.5	99.0	71.2	93.0	99.0	99.0	96.3	81.2	87.6
TIFTUF	93.0	95.0	72.5	94.7	76.2	94.7	99.0	99.0	96.0	88.7	87.0
ASTRO	99.0	80.0	65.0	96.2	76.2	97.0	99.0	99.0	96.2	87.8	85.3
OKC1666	63.3	85.0	77.5	80.0	71.2	92.3	99.0	99.0	96.8	79.5	84.8
JSC 80V	60.0	81.7	70.3	85.8	66.2	95.3	99.0	99.0	95.9	81.2	84.3
LATITUDE 36	76.3	90.0	66.7	98.3	77.8	95.3	99.0	99.0	96.1	87.0	84.1
OKC1406	56.7	86.7	71.1	95.3	69.5	95.3	99.0	99.0	95.7	76.2	84.0
FB 1628	99.0	90.0	62.9	96.0	67.8	92.3	99.0	99.0	97.0	82.0	83.4
OKC1876	89.7	83.3	68.3	94.5	64.5	93.0	99.0	99.0	96.4	86.2	83.1
JSC 77V	96.0	86.7	61.3	93.5	76.5	96.0	99.0	99.0	95.0	72.8	83.0
CELEBRATION HYBRID (MSB-1017)	96.0	66.7	64.2	96.7	62.8	92.0	99.0	99.0	97.5	88.7	82.2
OKC1682	43.3	80.0	70.7	90.0	74.5	92.3	99.0	99.0	95.5	62.8	80.9
TIFWAY	89.3	81.7	65.8	94.5	64.5	90.7	99.0	99.0	96.4	76.2	80.7
OKC1873	80.0	93.3	62.1	93.0	61.2	93.7	99.0	99.0	96.7	75.3	80.4
MSB-1026	86.3	78.3	58.8	89.8	72.8	87.3	99.0	99.0	97.3	81.2	79.8
MSB-1048	93.0	63.3	56.7	95.3	52.8	98.3	99.0	99.0	95.4	82.0	76.5
FB 1902	89.3	83.3	51.7	89.5	63.0	94.7	99.0	99.0	96.3	67.0	76.3
FB 1630	92.7	88.3	47.1	95.2	62.8	94.7	99.0	99.0	97.8	78.0	75.9
FB 1903	86.3	85.0	32.3	83.0	61.3	97.0	99.0	99.0	96.5	66.2	68.1
MSB-1050	96.0	53.3	30.0	98.0	53.7	91.3	99.0	96.0	96.3	73.7	67.6
MSB-1075	73.3	63.3	33.3	79.2	59.5	85.0	75.0	88.0	95.6	60.3	64.3
LSD VALUE	20.0	10.8	20.3	7.5	9.9	4.3	6.2	3.8	2.7	9.3	6.9
C.V. (%)	14.8	8.2	21.0	5.2	15.2	2.8	3.9	2.4	1.9	9.7	10.0

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 39A.

PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF BERMUDAGRASS CULTIVARS 1/
2020-23 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/					
NAME	KS2	OK1	OK3	TN1	MEAN
CELEBRATION HYBRID (MSB-1017)	96.0	99.0	99	92.5	94.9
OKC1876	94.0	99.0	99	92.3	94.1
OKC1406	92.4	99.0	99	92.1	93.5
TIFWAY	91.6	99.0	99	92.9	93.5
OKC1666	91.2	99.0	99	93.2	93.4
OKC1682	93.4	99.0	99	91.1	93.4
FB 1902	92.0	99.0	99	91.4	93.0
MSB-1048	96.2	99.0	99	87.7	92.6
MSB-1042	92.1	99.0	99	89.9	92.5
TIFTUF	94.1	99.0	99	87.1	92.0
TAHOMA 31	88.5	99.0	99	92.3	92.0
OKC1873	88.4	99.0	99	92.0	91.9
JSC 2013-8S	91.1	99.0	99	89.3	91.8
JSC 2013-10S	91.1	99.0	99	88.8	91.7
ASTRO	88.8	99.0	99	91.2	91.7
FB 1628	92.2	99.0	99	88.3	91.5
COPPERHEAD (DLF-460/3048)	91.5	99.0	99	87.7	91.0
FB 1630	86.8	99.0	99	91.8	90.9
JSC 80V	85.8	99.0	99	92.7	90.9
OKS2015-1	90.8	99.0	99	87.5	90.8
MSB-1026	88.4	99.0	99	89.7	90.7
JSC 2013-5S	91.5	99.0	99	86.6	90.5
MSB-1050	86.4	99.0	99	89.8	90.1
OKS2015-3	90.4	99.0	99	86.1	90.0
SUN QUEEN (PST-R6MM)	91.1	99.0	99	85.9	89.9
LATITUDE 36	85.2	99.0	99	90.3	89.5
JSC 2013-12S	88.5	99.0	99	86.1	89.2
JSC 2013-7S	91.5	99.0	99	83.8	89.0
JSC 77V	84.8	99.0	99	88.9	88.6
OKS2015-7	85.2	99.0	99	86.8	87.9
RIVIERA	89.2	99.0	99	82.8	87.5
PST-R6TM	85.1	99.0	99	84.5	86.7
MSB-1075	77.7	97.7	99	91.3	86.5
MONACO	88.3	99.0	99	80.8	86.2
FB 1903	75.0	99.0	99	92.8	86.0
LSD VALUE	8.8	0.6	0	10.7	6.7
C.V. (%)	6.2	0.4	0	9.2	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 39B. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
2020-23 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/					
NAME	KS2	OK1	OK3	TN1	MEAN
JSC 2013-8S	91.1	99	99	89.3	91.8
JSC 2013-10S	91.1	99	99	88.8	91.7
COPPERHEAD (DLF-460/3048)	91.5	99	99	87.7	91.0
OKS2015-1	90.8	99	99	87.5	90.8
JSC 2013-5S	91.5	99	99	86.6	90.5
OKS2015-3	90.4	99	99	86.1	90.0
SUN QUEEN (PST-R6MM)	91.1	99	99	85.9	89.9
JSC 2013-12S	88.5	99	99	86.1	89.2
JSC 2013-7S	91.5	99	99	83.8	89.0
OKS2015-7	85.2	99	99	86.8	87.9
RIVIERA	89.2	99	99	82.8	87.5
PST-R6TM	85.1	99	99	84.5	86.7
MONACO	88.3	99	99	80.8	86.2
LSD VALUE	8.6	0	0	6.6	5.4
C.V. (%)	6.1	0	0	7.4	6.1

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

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

TABLE 39C. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
2020-23 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/					
NAME	KS2	OK1	OK3	TN1	MEAN
CELEBRATION HYBRID (MSB-1017)	96.0	99.0	99	92.5	94.9
OKC1876	94.0	99.0	99	92.3	94.1
OKC1406	92.4	99.0	99	92.1	93.5
TIFWAY	91.6	99.0	99	92.9	93.5
OKC1666	91.2	99.0	99	93.2	93.4
OKC1682	93.4	99.0	99	91.1	93.4
FB 1902	92.0	99.0	99	91.4	93.0
MSB-1048	96.2	99.0	99	87.7	92.6
MSB-1042	92.1	99.0	99	89.9	92.5
TIFTUF	94.1	99.0	99	87.1	92.0
TAHOMA 31	88.5	99.0	99	92.3	92.0
OKC1873	88.4	99.0	99	92.0	91.9
ASTRO	88.8	99.0	99	91.2	91.7
FB 1628	92.2	99.0	99	88.3	91.5
FB 1630	86.8	99.0	99	91.8	90.9
JSC 80V	85.8	99.0	99	92.7	90.9
MSB-1026	88.4	99.0	99	89.7	90.7
MSB-1050	86.4	99.0	99	89.8	90.1
LATITUDE 36	85.2	99.0	99	90.3	89.5
JSC 77V	84.8	99.0	99	88.9	88.6
MSB-1075	77.7	97.7	99	91.3	86.5
FB 1903	75.0	99.0	99	92.8	86.0
LSD VALUE	8.7	0.8	0	12.3	7.3
C.V. (%)	6.2	0.5	0	9.6	7.6

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

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

TABLE 40A. PERCENT LIVING GROUND COVER (FALL) RATINGS OF BERMUDAGRASS CULTIVARS 1/
2020-23 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/							
NAME	AR1	KS2	OK1	OK3	TN1	VA1	MEAN
CELEBRATION HYBRID (MSB-1017)	71.7	97.8	99	99	84.6	99.0	91.4
MSB-1042	75.0	95.3	99	99	86.0	99.0	91.2
OKC1876	71.7	97.1	99	99	84.7	99.0	91.1
TIFWAY	75.0	94.5	99	99	86.8	99.0	91.0
TIFTUF	80.0	96.4	99	99	83.7	99.0	90.8
MSB-1048	80.0	98.3	99	99	81.7	99.0	90.7
OKC1406	46.7	94.2	99	99	86.5	99.0	89.5
SUN QUEEN (PST-R6MM)	66.7	93.7	99	99	85.5	99.0	89.1
TAHOMA 31	51.7	92.4	99	99	86.3	99.0	89.0
JSC 2013-10S	73.3	91.9	99	99	83.6	99.0	88.8
JSC 2013-7S	66.7	95.2	99	99	82.4	99.0	88.7
FB 1902	53.3	94.7	99	99	82.6	99.0	88.5
MSB-1050	68.3	90.4	99	99	83.4	99.0	88.3
FB 1628	45.0	94.8	99	99	84.3	99.0	88.3
COPPERHEAD (DLF-460/3048)	80.0	91.2	99	99	81.9	99.0	88.3
JSC 2013-5S	70.0	95.2	99	99	81.6	95.2	88.0
OKC1873	70.0	89.6	99	99	82.5	99.0	87.9
MSB-1026	51.7	92.9	99	99	82.5	99.0	86.8
OKC1666	26.7	91.2	99	99	84.3	99.0	86.8
JSC 2013-12S	76.7	89.2	99	99	80.5	99.0	86.7
FB 1630	55.0	89.6	99	99	83.3	97.5	86.4
OKS2015-1	38.3	93.1	99	99	82.5	99.0	86.4
OKC1682	16.7	92.8	99	99	84.1	99.0	86.2
PST-R6TM	76.7	83.7	99	99	84.2	99.0	86.2
OKS2015-3	58.3	87.9	99	99	82.6	99.0	86.0
ASTRO	66.7	86.4	99	99	82.5	99.0	86.0
JSC 77V	61.7	85.9	99	99	82.5	99.0	86.0
RIVIERA	71.7	87.2	99	99	81.7	99.0	85.8
OKS2015-7	50.0	85.3	99	99	84.2	99.0	85.1
LATITUDE 36	30.0	83.7	99	99	85.6	99.0	84.7
JSC 80V	25.0	87.8	99	99	81.1	99.0	84.3
MONACO	41.7	87.9	99	99	79.5	99.0	83.9
FB 1903	58.3	76.7	99	99	84.6	99.0	83.3
MSB-1075	26.7	82.0	99	99	83.4	99.0	82.4
JSC 2013-8S	60.0	93.3	99	99	83.8	33.3	80.7
LSD VALUE	25.3	12.3	0	0	10.9	2.7	6.7
C.V. (%)	27.0	8.6	0	0	8.8	1.7	8.4

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

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

TABLE 40B. PERCENT LIVING GROUND COVER (FALL) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
2020-23 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/							
NAME	AR1	KS2	OK1	OK3	TN1	VA1	MEAN
SUN QUEEN (PST-R6MM)	66.7	93.7	99	99	85.5	99.0	89.1
JSC 2013-10S	73.3	91.9	99	99	83.6	99.0	88.8
JSC 2013-7S	66.7	95.2	99	99	82.4	99.0	88.7
COPPERHEAD (DLF-460/3048)	80.0	91.2	99	99	81.9	99.0	88.3
JSC 2013-5S	70.0	95.2	99	99	81.6	95.2	88.0
JSC 2013-12S	76.7	89.2	99	99	80.5	99.0	86.7
OKS2015-1	38.3	93.1	99	99	82.5	99.0	86.4
PST-R6TM	76.7	83.7	99	99	84.2	99.0	86.2
OKS2015-3	58.3	87.9	99	99	82.6	99.0	86.0
RIVIERA	71.7	87.2	99	99	81.7	99.0	85.8
OKS2015-7	50.0	85.3	99	99	84.2	99.0	85.1
MONACO	41.7	87.9	99	99	79.5	99.0	83.9
JSC 2013-8S	60.0	93.3	99	99	83.8	33.3	80.7
LSD VALUE	28.7	12.6	0	0	10.4	4.2	7.5
C.V. (%)	27.9	8.9	0	0	9.6	2.8	9.4

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 40C. PERCENT LIVING GROUND COVER (FALL) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
2020-23 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/							
NAME	AR1	KS2	OK1	OK3	TN1	VA1	MEAN
CELEBRATION HYBRID (MSB-1017)	71.7	97.8	99	99	84.6	99.0	91.4
MSB-1042	75.0	95.3	99	99	86.0	99.0	91.2
OKC1876	71.7	97.1	99	99	84.7	99.0	91.1
TIFWAY	75.0	94.5	99	99	86.8	99.0	91.0
TIFTUF	80.0	96.4	99	99	83.7	99.0	90.8
MSB-1048	80.0	98.3	99	99	81.7	99.0	90.7
OKC1406	46.7	94.2	99	99	86.5	99.0	89.5
TAHOMA 31	51.7	92.4	99	99	86.3	99.0	89.0
FB 1902	53.3	94.7	99	99	82.6	99.0	88.5
MSB-1050	68.3	90.4	99	99	83.4	99.0	88.3
FB 1628	45.0	94.8	99	99	84.3	99.0	88.3
OKC1873	70.0	89.6	99	99	82.5	99.0	87.9
MSB-1026	51.7	92.9	99	99	82.5	99.0	86.8
OKC1666	26.7	91.2	99	99	84.3	99.0	86.8
FB 1630	55.0	89.6	99	99	83.3	97.5	86.4
OKC1682	16.7	92.8	99	99	84.1	99.0	86.2
ASTRO	66.7	86.4	99	99	82.5	99.0	86.0
JSC 77V	61.7	85.9	99	99	82.5	99.0	86.0
LATITUDE 36	30.0	83.7	99	99	85.6	99.0	84.7
JSC 80V	25.0	87.8	99	99	81.1	99.0	84.3
FB 1903	58.3	76.7	99	99	84.6	99.0	83.3
MSB-1075	26.7	82.0	99	99	83.4	99.0	82.4
LSD VALUE	23.0	12.2	0	0	10.0	0.9	6.1
C.V. (%)	26.1	8.4	0	0	7.9	0.6	7.7

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 41A.

WINTER COLOR RATINGS OF BERMUDAGRASS CULTIVARS 1/
2022 DATA

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

NAME	VA1
TIFTUF	6.0
TIFWAY	6.0
OKC1876	5.3
OKC1873	5.0
ASTRO	4.7
OKS2015-1	4.7
FB 1630	4.3
FB 1902	4.3
JSC 2013-5S	4.3
JSC 80V	4.3
MSB-1042	4.3
MSB-1075	4.3
OKC1406	4.0
OKC1666	4.0
OKC1682	4.0
OKS2015-3	4.0
PST-R6TM	4.0
COPPERHEAD (DLF-460/3048)	3.7
FB 1628	3.7
FB 1903	3.7
JSC 2013-10S	3.7
JSC 2013-12S	3.7
CELEBRATION HYBRID (MSB-1017)	3.3
JSC 2013-7S	3.3
JSC 77V	3.3
LATITUDE 36	3.3
RIVIERA	3.3
SUN QUEEN (PST-R6MM)	3.3
JSC 2013-8S	3.0
MONACO	3.0
MSB-1026	3.0
MSB-1050	3.0
OKS2015-7	3.0
MSB-1048	2.7
TAHOMA 31	2.0
LSD VALUE	1.1
C.V. (%)	16.9

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 41B.

WINTER COLOR RATINGS OF BERMU DAGRASS (SEEDED) CULTIVARS 1/
2022 DATA

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

NAME	VA1
OKS2015-1	4.7
JSC 2013-5S	4.3
OKS2015-3	4.0
PST-R6TM	4.0
COPPERHEAD (DLF-460/3048)	3.7
JSC 2013-10S	3.7
JSC 2013-12S	3.7
JSC 2013-7S	3.3
RIVIERA	3.3
SUN QUEEN (PST-R6MM)	3.3
JSC 2013-8S	3.0
MONACO	3.0
OKS2015-7	3.0
LSD VALUE	1.1
C.V. (%)	18.3

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 41C.

WINTER COLOR RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
2022 DATA

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

NAME	VA1
TIFTUF	6.0
TIFWAY	6.0
OKC1876	5.3
OKC1873	5.0
ASTRO	4.7
FB 1630	4.3
FB 1902	4.3
JSC 80V	4.3
MSB-1042	4.3
MSB-1075	4.3
OKC1406	4.0
OKC1666	4.0
OKC1682	4.0
FB 1628	3.7
FB 1903	3.7
CELEBRATION HYBRID (MSB-1017)	3.3
JSC 77V	3.3
LATITUDE 36	3.3
MSB-1026	3.0
MSB-1050	3.0
MSB-1048	2.7
TAHOMA 31	2.0
LSD VALUE	1.0
C.V. (%)	16.2

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

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

TABLE 42A.

DOLLAR SPOT RATINGS OF BERMUDAGRASS CULTIVARS 1/
2022 DATA

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

NAME	NC1
JSC 2013-12S	7.7
OKS2015-1	7.7
OKS2015-3	7.7
RIVIERA	7.7
ASTRO	7.3
JSC 2013-10S	7.3
JSC 77V	7.3
JSC 80V	7.3
OKS2015-7	7.3
COPPERHEAD (DLF-460/3048)	7.0
FB 1628	7.0
JSC 2013-8S	7.0
MONACO	7.0
PST-R6TM	7.0
FB 1902	6.7
FB 1903	6.7
JSC 2013-5S	6.7
JSC 2013-7S	6.7
OKC1406	6.7
SUN QUEEN (PST-R6MM)	6.7
OKC1873	6.3
OKC1876	6.3
TIFWAY	6.3
LATITUDE 36	5.7
TIFTUF	5.7
FB 1630	5.3
OKC1666	5.3
TAHOMA 31	5.3
CELEBRATION HYBRID (MSB-1017)	5.0
MSB-1048	4.3
MSB-1075	4.3
MSB-1050	4.0
MSB-1026	2.3
MSB-1042	2.3
OKC1682	2.0
LSD VALUE	1.9
C.V. (%)	19.8

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 42B.

DOLLAR SPOT RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
2022 DATA

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

NAME	NC1
JSC 2013-12S	7.7
OKS2015-1	7.7
OKS2015-3	7.7
RIVIERA	7.7
JSC 2013-10S	7.3
OKS2015-7	7.3
DLF-460/3048	7.0
JSC 2013-8S	7.0
MONACO	7.0
PST-R6TM	7.0
JSC 2013-5S	6.7
JSC 2013-7S	6.7
SUN QUEEN (PST-R6MM)	6.7
LSD VALUE	1.0
C.V. (%)	8.6

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 42C.

DOLLAR SPOT RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
2022 DATA

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

NAME	NC1
ASTRO	7.3
JSC 77V	7.3
JSC 80V	7.3
FB 1628	7.0
FB 1902	6.7
FB 1903	6.7
OKC1406	6.7
OKC1873	6.3
OKC1876	6.3
TIFWAY	6.3
LATITUDE 36	5.7
TIFTUF	5.7
FB 1630	5.3
OKC1666	5.3
TAHOMA 31	5.3
CELEBRATION HYBRID (MSB-1017)	5.0
MSB-1048	4.3
MSB-1075	4.3
MSB-1050	4.0
MSB-1026	2.3
MSB-1042	2.3
OKC1682	2.0
LSD VALUE	2.3
C.V. (%)	26.6

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 43A.

PYTHIUM ROOT ROT RATINGS OF BERMUDAGRASS CULTIVARS 1/
2022 DATA

PYTHIUM ROOT ROT RATINGS 1-9; 9=NO DISEASE 2/

NAME	OK1	OK3	MEAN
ASTRO	9.0	9.0	9.0
CELEBRATION HYBRID (MSB-1017)	9.0	9.0	9.0
COPPERHEAD (DLF-460/3048)	9.0	9.0	9.0
FB 1628	9.0	9.0	9.0
FB 1630	9.0	9.0	9.0
FB 1902	9.0	9.0	9.0
FB 1903	9.0	9.0	9.0
JSC 2013-10S	9.0	9.0	9.0
JSC 2013-12S	9.0	9.0	9.0
JSC 2013-5S	9.0	9.0	9.0
JSC 2013-7S	9.0	9.0	9.0
JSC 2013-8S	9.0	9.0	9.0
JSC 77V	9.0	9.0	9.0
JSC 80V	9.0	9.0	9.0
MONACO	9.0	9.0	9.0
MSB-1026	9.0	9.0	9.0
MSB-1042	9.0	9.0	9.0
MSB-1048	9.0	9.0	9.0
MSB-1050	9.0	9.0	9.0
MSB-1075	9.0	9.0	9.0
OKC1406	9.0	9.0	9.0
OKC1666	9.0	9.0	9.0
OKC1682	9.0	9.0	9.0
OKC1873	9.0	9.0	9.0
OKC1876	9.0	9.0	9.0
OKS2015-1	9.0	9.0	9.0
OKS2015-3	9.0	9.0	9.0
OKS2015-7	9.0	9.0	9.0
PST-R6TM	9.0	9.0	9.0
RIVIERA	9.0	9.0	9.0
SUN QUEEN (PST-R6MM)	9.0	9.0	9.0
TAHOMA 31	9.0	9.0	9.0
TIFTUF	9.0	9.0	9.0
TIFWAY	9.0	9.0	9.0
LATITUDE 36	5.0	5.0	5.0
LSD VALUE	0.8	0.8	0.6
C.V. (%)	5.7	5.7	5.7

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 43B.

PYTHIUM ROOT ROT RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
2022 DATA

PYTHIUM ROOT ROT RATINGS 1-9; 9=NO DISEASE 2/

NAME	OK1	OK3	MEAN
COPPERHEAD (DLF-460/3048)	9	9	9
JSC 2013-10S	9	9	9
JSC 2013-12S	9	9	9
JSC 2013-5S	9	9	9
JSC 2013-7S	9	9	9
JSC 2013-8S	9	9	9
MONACO	9	9	9
OKS2015-1	9	9	9
OKS2015-3	9	9	9
OKS2015-7	9	9	9
PST-R6TM	9	9	9
RIVIERA	9	9	9
SUN QUEEN (PST-R6MM)	9	9	9
LSD VALUE	0	0	0
C.V. (%)	0	0	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 43C.

PYTHIUM ROOT ROT RATINGS OF BERMU DAGRASS (VEGETATIVE) CULTIVARS 1/
2022 DATA

PYTHIUM ROOT ROT RATINGS 1-9; 9=NO DISEASE 2/

NAME	OK1	OK3	MEAN
ASTRO	9.0	9.0	9.0
CELEBRATION HYBRID (MSB-1017)	9.0	9.0	9.0
FB 1628	9.0	9.0	9.0
FB 1630	9.0	9.0	9.0
FB 1902	9.0	9.0	9.0
FB 1903	9.0	9.0	9.0
JSC 77V	9.0	9.0	9.0
JSC 80V	9.0	9.0	9.0
MSB-1026	9.0	9.0	9.0
MSB-1042	9.0	9.0	9.0
MSB-1048	9.0	9.0	9.0
MSB-1050	9.0	9.0	9.0
MSB-1075	9.0	9.0	9.0
OKC1406	9.0	9.0	9.0
OKC1666	9.0	9.0	9.0
OKC1682	9.0	9.0	9.0
OKC1873	9.0	9.0	9.0
OKC1876	9.0	9.0	9.0
TAHOMA 31	9.0	9.0	9.0
TIFTUF	9.0	9.0	9.0
TIFWAY	9.0	9.0	9.0
LATITUDE 36	5.0	5.0	5.0
LSD VALUE	1.0	1.0	0.7
C.V. (%)	7.3	7.3	7.3

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

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

TABLE 44A.

FALL COLOR (SEPTEMBER) RATINGS OF BERMUDAGRASS CULTIVARS 1/
2020-23 DATA

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

NAME	AL1	IN1	OK1	OK3	VA1	MEAN
FB 1628	7.7	8.3	7.3	7.3	8.5	7.7
OKC1876	7.0	7.3	6.8	6.9	7.5	7.0
FB 1630	7.3	7.0	6.8	7.0	7.2	7.0
TIFWAY	6.0	8.3	6.7	6.7	7.5	6.9
TIFTUF	6.7	7.7	6.3	6.3	7.7	6.7
MSB-1026	7.3	7.7	6.5	6.4	6.7	6.7
CELEBRATION HYBRID (MSB-1017)	7.7	7.0	6.3	6.0	6.8	6.5
FB 1902	6.0	6.7	6.7	6.8	6.0	6.5
MSB-1075	4.3	6.7	6.7	6.8	6.7	6.5
OKC1682	5.3	7.0	6.5	6.6	6.5	6.5
MSB-1050	5.7	8.0	6.2	6.2	7.2	6.5
LATITUDE 36	6.0	7.3	5.8	5.7	8.0	6.3
FB 1903	5.0	6.3	6.3	6.1	7.0	6.3
JSC 77V	5.0	8.7	6.0	6.0	6.5	6.2
OKC1873	5.7	7.0	5.9	5.9	7.0	6.1
MSB-1048	4.7	5.3	6.3	6.8	5.3	6.1
OKS2015-7	6.0	7.0	6.1	6.0	5.5	6.0
JSC 2013-5S	5.0	6.3	6.2	6.2	5.5	6.0
MSB-1042	4.3	6.0	6.1	6.1	6.2	6.0
TAHOMA 31	4.0	7.7	5.8	5.7	6.8	6.0
JSC 2013-10S	5.3	7.0	5.8	5.7	6.5	5.9
RIVIERA	5.0	7.3	5.8	5.7	6.2	5.9
ASTRO	4.3	6.7	5.8	6.0	5.7	5.8
MONACO	4.7	7.3	5.8	5.7	6.0	5.8
OKS2015-1	6.7	6.3	5.8	5.9	5.2	5.8
COPPERHEAD (DLF-460/3048)	6.3	5.7	5.8	5.8	5.3	5.8
JSC 2013-8S	4.7	6.7	5.9	5.9	5.2	5.7
PST-R6TM	5.3	6.0	6.0	5.9	4.8	5.7
OKS2015-3	4.0	6.0	5.8	5.8	5.7	5.7
OKC1666	3.3	5.3	5.8	6.1	5.3	5.6
JSC 2013-12S	5.0	6.7	5.7	5.4	5.5	5.6
JSC 80V	4.7	6.0	5.5	5.6	5.8	5.6
SUN QUEEN (PST-R6MM)	5.3	6.0	5.9	5.8	4.2	5.6
OKC1406	4.7	6.0	5.4	5.6	5.0	5.4
JSC 2013-7S	3.7	5.3	5.8	5.4	5.0	5.4
LSD VALUE	2.3	1.3	1.0	1.1	2.0	0.8
C.V. (%)	26.2	11.8	10.3	10.9	20.0	14.2

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

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

3/ AL1 RATINGS WERE TAKEN IN 2021. IN1 RATINGS WERE TAKEN IN 2020.

TABLE 44B. FALL COLOR (SEPTEMBER) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
2020-23 DATA

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

NAME	AL1	IN1	OK1	OK3	VA1	MEAN
OKS2015-7	6.0	7.0	6.1	6.0	5.5	6.0
JSC 2013-5S	5.0	6.3	6.2	6.2	5.5	6.0
JSC 2013-10S	5.3	7.0	5.8	5.7	6.5	5.9
RIVIERA	5.0	7.3	5.8	5.7	6.2	5.9
MONACO	4.7	7.3	5.8	5.7	6.0	5.8
OKS2015-1	6.7	6.3	5.8	5.9	5.2	5.8
COPPERHEAD (DLF-460/3048)	6.3	5.7	5.8	5.8	5.3	5.8
JSC 2013-8S	4.7	6.7	5.9	5.9	5.2	5.7
PST-R6TM	5.3	6.0	6.0	5.9	4.8	5.7
OKS2015-3	4.0	6.0	5.8	5.8	5.7	5.7
JSC 2013-12S	5.0	6.7	5.7	5.4	5.5	5.6
SUN QUEEN (PST-R6MM)	5.3	6.0	5.9	5.8	4.2	5.6
JSC 2013-7S	3.7	5.3	5.8	5.4	5.0	5.4
LSD VALUE	2.2	1.2	0.9	1.0	1.7	0.8
C.V. (%)	26.2	11.1	9.8	11.1	21.0	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.
- 3/ AL1 RATINGS WERE TAKEN IN 2021. IN1 RATINGS WERE TAKEN IN 2020.

TABLE 44C. FALL COLOR (SEPTEMBER) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
(CONT'D) 2020-23 DATA

NAME	FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/					MEAN
	AL1	IN1	OK1	OK3	VA1	
FB 1628	7.7	8.3	7.3	7.3	8.5	7.7
OKC1876	7.0	7.3	6.8	6.9	7.5	7.0
FB 1630	7.3	7.0	6.8	7.0	7.2	7.0
TIFWAY	6.0	8.3	6.7	6.7	7.5	6.9
TIFTUF	6.7	7.7	6.3	6.3	7.7	6.7
MSB-1026	7.3	7.7	6.5	6.4	6.7	6.7
CELEBRATION HYBRID (MSB-1017)	7.7	7.0	6.3	6.0	6.8	6.5
FB 1902	6.0	6.7	6.7	6.8	6.0	6.5
MSB-1075	4.3	6.7	6.7	6.8	6.7	6.5
OKC1682	5.3	7.0	6.5	6.6	6.5	6.5
MSB-1050	5.7	8.0	6.2	6.2	7.2	6.5
LATITUDE 36	6.0	7.3	5.8	5.7	8.0	6.3
FB 1903	5.0	6.3	6.3	6.1	7.0	6.3
JSC 77V	5.0	8.7	6.0	6.0	6.5	6.2
OKC1873	5.7	7.0	5.9	5.9	7.0	6.1
MSB-1048	4.7	5.3	6.3	6.8	5.3	6.1
MSB-1042	4.3	6.0	6.1	6.1	6.2	6.0
TAHOMA 31	4.0	7.7	5.8	5.7	6.8	6.0
ASTRO	4.3	6.7	5.8	6.0	5.7	5.8
OKC1666	3.3	5.3	5.8	6.1	5.3	5.6
JSC 80V	4.7	6.0	5.5	5.6	5.8	5.6
OKC1406	4.7	6.0	5.4	5.6	5.0	5.4
LSD VALUE	2.4	1.4	1.1	1.1	2.1	0.9
C.V. (%)	26.2	12.1	10.5	10.7	19.6	14.3

- 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/ AL1 RATINGS WERE TAKEN IN 2021. IN1 RATINGS WERE TAKEN IN 2020.

TABLE 45A.

FALL COLOR (OCTOBER) RATINGS OF BERMUDAGRASS CULTIVARS 1/
2020-23 DATA

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

NAME	AL1	AR1	FL3	IN1	KS2	NC1	OK1	OK3	VA1	MEAN
FB 1628	7.9	6.2	6.5	7.6	4.3	8.0	5.9	4.6	4.8	6.0
TIFTUF	5.4	6.2	6.2	7.0	4.7	7.7	6.0	4.2	6.0	5.8
OKC1873	5.6	6.3	6.2	7.2	5.3	5.0	5.8	4.8	5.2	5.7
OKC1876	5.8	6.5	7.2	6.8	3.9	6.7	5.6	4.2	4.8	5.7
FB 1902	7.1	5.5	6.8	5.2	3.7	7.3	5.6	4.3	5.2	5.6
CELEBRATION HYBRID (MSB-1017)	7.8	5.2	6.2	6.2	3.4	6.3	5.9	4.3	4.0	5.5
TIFWAY	5.1	5.3	6.0	7.4	4.4	7.0	5.8	4.2	5.8	5.5
MSB-1026	7.7	5.7	7.0	5.8	4.0	4.7	5.3	4.1	5.0	5.4
FB 1630	7.0	5.8	6.7	6.1	3.2	7.3	5.4	4.1	4.2	5.3
OKC1682	4.7	4.5	6.0	6.0	3.9	6.0	6.0	5.1	5.0	5.3
MSB-1042	3.7	4.2	6.0	6.0	4.3	6.0	5.6	4.8	4.7	5.1
LATITUDE 36	5.3	4.8	5.3	6.3	3.6	6.3	5.8	4.9	4.7	5.1
MSB-1075	5.4	3.8	6.7	5.3	4.2	5.7	5.1	4.1	5.3	5.1
OKC1666	3.8	3.3	5.5	5.7	5.8	4.3	5.3	4.7	4.7	5.0
JSC 2013-10S	5.0	4.5	6.3	5.0	3.7	6.0	5.1	4.6	4.7	4.9
ASTRO	4.2	4.3	5.8	6.2	4.1	5.3	5.4	4.4	4.2	4.9
JSC 2013-5S	5.0	5.0	6.0	5.8	3.4	4.3	5.3	4.4	3.7	4.9
OKS2015-1	6.7	3.2	5.5	4.8	4.2	5.7	5.2	4.2	3.8	4.8
FB 1903	4.2	5.3	7.2	5.0	3.9	7.3	5.2	3.9	2.7	4.8
JSC 77V	4.7	4.8	5.8	5.2	3.2	5.7	5.6	4.6	3.8	4.8
COPPERHEAD (DLF-460/3048)	5.1	4.7	5.5	5.0	3.0	4.3	5.3	4.6	4.3	4.8
PST-R6TM	4.9	4.5	6.0	4.9	3.2	4.7	5.1	4.3	4.7	4.7
RIVIERA	4.9	4.2	5.3	5.7	3.4	5.7	5.4	4.3	4.2	4.7
JSC 2013-12S	4.7	3.7	6.0	5.8	3.1	5.0	5.3	4.3	4.0	4.7
MONACO	4.4	4.2	6.2	5.5	3.0	4.7	5.4	4.4	3.7	4.7
MSB-1050	4.6	4.8	5.5	6.1	2.9	5.7	5.2	3.9	3.7	4.7
SUN QUEEN (PST-R6MM)	4.9	4.3	5.8	5.8	2.8	3.7	5.2	4.1	5.0	4.7
JSC 2013-7S	4.0	4.0	5.8	5.5	3.0	5.0	5.7	4.3	4.0	4.7
OKS2015-7	5.3	3.8	5.8	4.5	3.0	5.3	5.4	4.7	3.7	4.6
OKS2015-3	3.8	3.3	5.5	5.0	3.3	5.3	5.5	4.3	4.2	4.5
TAHOMA 31	3.6	3.8	4.8	5.3	3.4	6.7	5.5	4.6	3.8	4.5
JSC 80V	4.3	3.8	5.5	4.8	3.6	5.0	5.4	4.3	2.7	4.5
JSC 2013-8S	4.2	3.5	6.0	5.0	2.8	4.3	5.5	4.3	3.0	4.4
OKC1406	3.4	3.8	5.3	4.8	3.8	6.0	5.2	4.3	3.0	4.3
MSB-1048	3.9	3.5	5.3	5.0	3.9	4.0	4.2	3.6	2.2	4.1
LSD VALUE	1.8	1.5	1.1	1.4	1.0	1.4	0.9	0.8	2.0	0.6
C.V. (%)	22.2	19.7	13.2	15.3	17.1	14.9	11.0	12.4	33.4	16.8

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

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

3/ AL1 RATINGS: 2020-2022, AR1 2020, FL3 2022-2023, IN1 2020, KS2 2021-2023.

TABLE 45B. FALL COLOR (OCTOBER) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
2020-23 DATA

NAME	FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/									
	AL1	AR1	FL3	IN1	KS2	NC1	OK1	OK3	VA1	MEAN
JSC 2013-10S	5.0	4.5	6.3	5.0	3.7	6.0	5.1	4.6	4.7	4.9
JSC 2013-5S	5.0	5.0	6.0	5.8	3.4	4.3	5.3	4.4	3.7	4.9
OKS2015-1	6.7	3.2	5.5	4.8	4.2	5.7	5.2	4.2	3.8	4.8
COPPERHEAD (DLF-460/3048)	5.1	4.7	5.5	5.0	3.0	4.3	5.3	4.6	4.3	4.8
PST-R6TM	4.9	4.5	6.0	4.9	3.2	4.7	5.1	4.3	4.7	4.7
RIVIERA	4.9	4.2	5.3	5.7	3.4	5.7	5.4	4.3	4.2	4.7
JSC 2013-12S	4.7	3.7	6.0	5.8	3.1	5.0	5.3	4.3	4.0	4.7
MONACO	4.4	4.2	6.2	5.5	3.0	4.7	5.4	4.4	3.7	4.7
SUN QUEEN (PST-R6MM)	4.9	4.3	5.8	5.8	2.8	3.7	5.2	4.1	5.0	4.7
JSC 2013-7S	4.0	4.0	5.8	5.5	3.0	5.0	5.7	4.3	4.0	4.7
OKS2015-7	5.3	3.8	5.8	4.5	3.0	5.3	5.4	4.7	3.7	4.6
OKS2015-3	3.8	3.3	5.5	5.0	3.3	5.3	5.5	4.3	4.2	4.5
JSC 2013-8S	4.2	3.5	6.0	5.0	2.8	4.3	5.5	4.3	3.0	4.4
LSD VALUE	1.8	1.4	1.0	1.4	0.8	1.2	0.6	0.7	2.0	0.5
C.V. (%)	22.5	21.9	11.5	18.2	16.1	15.3	7.0	10.5	38.0	16.8

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

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

3/ AL1 RATINGS: 2020-2022, AR1 2020, FL3 2022-2023, IN1 2020, KS2 2021-2023.

TABLE 45C. FALL COLOR (OCTOBER) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
2020-23 DATA

NAME	FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/									
	AL1	AR1	FL3	IN1	KS2	NC1	OK1	OK3	VA1	MEAN
FB 1628	7.9	6.2	6.5	7.6	4.3	8.0	5.9	4.6	4.8	6.0
TIFTUF	5.4	6.2	6.2	7.0	4.7	7.7	6.0	4.2	6.0	5.8
OKC1873	5.6	6.3	6.2	7.2	5.3	5.0	5.8	4.8	5.2	5.7
OKC1876	5.8	6.5	7.2	6.8	3.9	6.7	5.6	4.2	4.8	5.7
FB 1902	7.1	5.5	6.8	5.2	3.7	7.3	5.6	4.3	5.2	5.6
CELEBRATION HYBRID (MSB-1017)	7.8	5.2	6.2	6.2	3.4	6.3	5.9	4.3	4.0	5.5
TIFWAY	5.1	5.3	6.0	7.4	4.4	7.0	5.8	4.2	5.8	5.5
MSB-1026	7.7	5.7	7.0	5.8	4.0	4.7	5.3	4.1	5.0	5.4
FB 1630	7.0	5.8	6.7	6.1	3.2	7.3	5.4	4.1	4.2	5.3
OKC1682	4.7	4.5	6.0	6.0	3.9	6.0	6.0	5.1	5.0	5.3
MSB-1042	3.7	4.2	6.0	6.0	4.3	6.0	5.6	4.8	4.7	5.1
LATITUDE 36	5.3	4.8	5.3	6.3	3.6	6.3	5.8	4.9	4.7	5.1
MSB-1075	5.4	3.8	6.7	5.3	4.2	5.7	5.1	4.1	5.3	5.1
OKC1666	3.8	3.3	5.5	5.7	5.8	4.3	5.3	4.7	4.7	5.0
ASTRO	4.2	4.3	5.8	6.2	4.1	5.3	5.4	4.4	4.2	4.9
FB 1903	4.2	5.3	7.2	5.0	3.9	7.3	5.2	3.9	2.7	4.8
JSC 77V	4.7	4.8	5.8	5.2	3.2	5.7	5.6	4.6	3.8	4.8
MSB-1050	4.6	4.8	5.5	6.1	2.9	5.7	5.2	3.9	3.7	4.7
TAHOMA 31	3.6	3.8	4.8	5.3	3.4	6.7	5.5	4.6	3.8	4.5
JSC 80V	4.3	3.8	5.5	4.8	3.6	5.0	5.4	4.3	2.7	4.5
OKC1406	3.4	3.8	5.3	4.8	3.8	6.0	5.2	4.3	3.0	4.3
MSB-1048	3.9	3.5	5.3	5.0	3.9	4.0	4.2	3.6	2.2	4.1
LSD VALUE	1.8	1.5	1.2	1.3	1.1	1.4	1.1	0.8	2.0	0.6
C.V. (%)	21.5	18.6	13.9	13.8	17.3	14.7	12.8	13.6	31.5	16.8

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

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

3/ AL1 RATINGS: 2020-2022, AR1 2020, FL3 2022-2023, IN1 2020, KS2 2021-2023.

TABLE 46A.

FALL COLOR (NOVEMBER) RATINGS OF BERMUDAGRASS CULTIVARS 1/
2020-23 DATA

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

NAME	FL3	MS1	NC1	OK1	OK3	VA1	MEAN
TIFTUF	5.7	5.3	7.4	5.2	1.3	5.3	6.1
FB 1902	6.0	6.7	5.9	4.3	1.0	5.3	5.6
OKC1876	5.3	5.7	6.1	4.8	1.0	5.0	5.6
TIFWAY	5.5	5.0	5.7	5.0	1.3	5.0	5.5
FB 1628	4.5	6.0	6.1	4.5	1.0	4.0	5.0
OKC1873	4.5	5.7	5.4	4.2	1.0	4.3	5.0
MSB-1042	4.5	5.7	5.1	4.3	1.0	5.3	4.8
LATITUDE 36	4.5	5.0	4.7	4.3	1.0	5.3	4.7
FB 1630	4.2	5.7	5.4	3.8	1.0	3.3	4.6
OKC1682	5.2	4.7	4.4	4.3	1.0	3.7	4.5
FB 1903	3.8	4.0	6.0	3.3	1.0	2.3	4.4
ASTRO	4.8	4.3	5.2	3.7	1.0	3.7	4.3
MSB-1026	4.0	5.3	4.3	4.0	1.0	3.7	4.1
JSC 77V	4.3	4.3	4.6	4.2	1.0	2.7	4.1
MSB-1075	4.0	4.7	4.1	4.0	1.3	3.7	4.1
JSC 80V	4.7	4.3	4.6	3.5	1.0	3.3	4.0
CELEBRATION HYBRID (MSB-1017)	3.0	3.0	4.1	4.2	1.0	3.3	4.0
OKS2015-1	3.7	4.3	4.1	3.0	1.0	3.0	3.9
OKC1406	3.7	4.7	4.7	3.0	1.0	2.0	3.8
RIVIERA	3.3	4.3	3.7	3.7	1.0	3.3	3.7
SUN QUEEN (PST-R6MM)	3.5	4.7	3.9	3.2	1.0	3.3	3.7
JSC 2013-10S	3.8	5.0	3.3	3.3	1.0	3.3	3.7
COPPERHEAD (DLF-460/3048)	3.5	4.3	3.7	3.2	1.0	4.0	3.6
PST-R6TM	4.0	4.7	3.6	3.2	1.0	4.0	3.6
JSC 2013-5S	3.8	4.7	2.9	2.7	1.0	3.7	3.5
OKC1666	3.8	4.7	3.3	2.8	1.0	2.3	3.4
MSB-1050	2.5	3.3	3.3	4.2	1.0	3.7	3.4
JSC 2013-7S	3.7	5.0	2.7	2.5	1.0	3.7	3.3
OKS2015-3	2.8	4.3	3.1	3.2	1.0	3.3	3.3
TAHOMA 31	3.2	3.3	3.4	3.2	1.0	2.0	3.2
JSC 2013-12S	3.5	4.3	2.8	3.2	1.0	3.0	3.2
MONACO	3.2	4.7	2.9	3.0	1.0	3.0	3.2
OKS2015-7	3.3	3.7	2.7	3.2	1.0	3.0	3.1
JSC 2013-8S	3.3	4.0	2.9	2.7	1.0	2.7	3.1
MSB-1048	2.7	3.0	3.4	2.3	1.0	1.0	2.8
LSD VALUE	1.3	1.2	1.2	0.9	0.3	2.8	1.0
C.V. (%)	20.2	16.6	18.3	18.4	16.4	49.2	22.6

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.

3/ FL3 RATINGS 2021 AND 2023, MS1 2020, OK1 2020-2021,

TABLE 46B. FALL COLOR (NOVEMBER) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
2020-23 DATA

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

NAME	FL3	MS1	NC1	OK1	OK3	VA1	MEAN
OKS2015-1	3.7	4.3	4.1	3.0	1	3.0	3.9
RIVIERA	3.3	4.3	3.7	3.7	1	3.3	3.7
SUN QUEEN (PST-R6MM)	3.5	4.7	3.9	3.2	1	3.3	3.7
JSC 2013-10S	3.8	5.0	3.3	3.3	1	3.3	3.7
COPPERHEAD (DLF-460/3048)	3.5	4.3	3.7	3.2	1	4.0	3.6
PST-R6TM	4.0	4.7	3.6	3.2	1	4.0	3.6
JSC 2013-5S	3.8	4.7	2.9	2.7	1	3.7	3.5
JSC 2013-7S	3.7	5.0	2.7	2.5	1	3.7	3.3
OKS2015-3	2.8	4.3	3.1	3.2	1	3.3	3.3
JSC 2013-12S	3.5	4.3	2.8	3.2	1	3.0	3.2
MONACO	3.2	4.7	2.9	3.0	1	3.0	3.2
OKS2015-7	3.3	3.7	2.7	3.2	1	3.0	3.1
JSC 2013-8S	3.3	4.0	2.9	2.7	1	2.7	3.1
LSD VALUE	1.0	1.0	1.0	0.8	0	1.7	0.8
C.V. (%)	19.5	14.4	19.9	23.0	0	31.5	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 46C. FALL COLOR (NOVEMBER) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
2020-23 DATA

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

NAME	FL3	MS1	NC1	OK1	OK3	VA1	MEAN
TIFTUF	5.7	5.3	7.4	5.2	1.3	5.3	6.1
FB 1902	6.0	6.7	5.9	4.3	1.0	5.3	5.6
OKC1876	5.3	5.7	6.1	4.8	1.0	5.0	5.6
TIFWAY	5.5	5.0	5.7	5.0	1.3	5.0	5.5
FB 1628	4.5	6.0	6.1	4.5	1.0	4.0	5.0
OKC1873	4.5	5.7	5.4	4.2	1.0	4.3	5.0
MSB-1042	4.5	5.7	5.1	4.3	1.0	5.3	4.8
LATITUDE 36	4.5	5.0	4.7	4.3	1.0	5.3	4.7
FB 1630	4.2	5.7	5.4	3.8	1.0	3.3	4.6
OKC1682	5.2	4.7	4.4	4.3	1.0	3.7	4.5
FB 1903	3.8	4.0	6.0	3.3	1.0	2.3	4.4
ASTRO	4.8	4.3	5.2	3.7	1.0	3.7	4.3
MSB-1026	4.0	5.3	4.3	4.0	1.0	3.7	4.1
JSC 77V	4.3	4.3	4.6	4.2	1.0	2.7	4.1
MSB-1075	4.0	4.7	4.1	4.0	1.3	3.7	4.1
JSC 80V	4.7	4.3	4.6	3.5	1.0	3.3	4.0
CELEBRATION HYBRID (MSB-1017)	3.0	3.0	4.1	4.2	1.0	3.3	4.0
OKC1406	3.7	4.7	4.7	3.0	1.0	2.0	3.8
OKC1666	3.8	4.7	3.3	2.8	1.0	2.3	3.4
MSB-1050	2.5	3.3	3.3	4.2	1.0	3.7	3.4
TAHOMA 31	3.2	3.3	3.4	3.2	1.0	2.0	3.2
MSB-1048	2.7	3.0	3.4	2.3	1.0	1.0	2.8
LSD VALUE	1.4	1.3	1.4	0.9	0.3	3.3	1.2
C.V. (%)	20.5	17.6	17.5	16.9	20.4	55.8	23.5

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 47A.

FALL COLOR (DECEMBER) RATINGS OF BERMUDAGRASS CULTIVARS 1/
2020-23 DATA

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

NAME	AL1	NC1	MEAN
ASTRO	3.7	4.0	3.8
TIFTUF	3.7	4.0	3.8
FB 1902	3.3	3.7	3.5
OKC1876	3.7	3.0	3.3
FB 1628	4.0	2.3	3.2
LATITUDE 36	4.3	2.0	3.2
CELEBRATION HYBRID (MSB-1017)	4.0	1.7	2.8
FB 1630	3.3	2.0	2.7
FB 1903	2.3	3.0	2.7
TAHOMA 31	4.3	1.0	2.7
TIFWAY	2.7	2.7	2.7
OKC1873	2.0	3.0	2.5
MSB-1075	2.3	2.3	2.3
OKC1406	2.0	2.3	2.2
JSC 2013-10S	2.7	1.7	2.2
JSC 77V	2.7	1.7	2.2
MONACO	2.3	1.7	2.0
OKC1682	1.7	2.3	2.0
OKS2015-3	2.3	1.7	2.0
JSC 80V	1.7	2.0	1.8
MSB-1042	1.7	2.0	1.8
OKC1666	1.3	2.3	1.8
RIVIERA	2.0	1.7	1.8
JSC 2013-5S	1.7	1.7	1.7
OKS2015-7	1.7	1.7	1.7
MSB-1026	1.3	2.0	1.7
OKS2015-1	1.3	2.0	1.7
PST-R6TM	1.3	2.0	1.7
COPPERHEAD (DLF-460/3048)	1.3	1.7	1.5
JSC 2013-12S	1.7	1.3	1.5
MSB-1050	2.0	1.0	1.5
SUN QUEEN (PST-R6MM)	1.3	1.7	1.5
JSC 2013-8S	1.3	1.3	1.3
MSB-1048	1.3	1.3	1.3
JSC 2013-7S	1.0	1.3	1.2
LSD VALUE	0.9	0.8	0.8
C.V. (%)	23.4	24.3	23.8

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 47B. FALL COLOR (DECEMBER) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
2020-23 DATA

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

NAME	AL1	NC1	MEAN
JSC 2013-10S	2.7	1.7	2.2
MONACO	2.3	1.7	2.0
OKS2015-3	2.3	1.7	2.0
RIVIERA	2.0	1.7	1.8
JSC 2013-5S	1.7	1.7	1.7
OKS2015-7	1.7	1.7	1.7
OKS2015-1	1.3	2.0	1.7
PST-R6TM	1.3	2.0	1.7
COPPERHEAD (DLF-460/3048)	1.3	1.7	1.5
JSC 2013-12S	1.7	1.3	1.5
SUN QUEEN (PST-R6MM)	1.3	1.7	1.5
JSC 2013-8S	1.3	1.3	1.3
JSC 2013-7S	1.0	1.3	1.2
LSD VALUE	0.9	0.9	0.9
C.V. (%)	31.4	32.4	31.9

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 47C. FALL COLOR (DECEMBER) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
2020-23 DATA

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

NAME	AL1	NC1	MEAN
ASTRO	3.7	4.0	3.8
TIFTUF	3.7	4.0	3.8
FB 1902	3.3	3.7	3.5
OKC1876	3.7	3.0	3.3
FB 1628	4.0	2.3	3.2
LATITUDE 36	4.3	2.0	3.2
CELEBRATION HYBRID (MSB-1017)	4.0	1.7	2.8
FB 1630	3.3	2.0	2.7
FB 1903	2.3	3.0	2.7
TAHOMA 31	4.3	1.0	2.7
TIFWAY	2.7	2.7	2.7
OKC1873	2.0	3.0	2.5
MSB-1075	2.3	2.3	2.3
OKC1406	2.0	2.3	2.2
JSC 77V	2.7	1.7	2.2
OKC1682	1.7	2.3	2.0
JSC 80V	1.7	2.0	1.8
MSB-1042	1.7	2.0	1.8
OKC1666	1.3	2.3	1.8
MSB-1026	1.3	2.0	1.7
MSB-1050	2.0	1.0	1.5
MSB-1048	1.3	1.3	1.3
LSD VALUE	0.9	0.8	0.8
C.V. (%)	20.4	21.0	20.7

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

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

TABLE 48A.

SEEDHEAD RATINGS OF BERMUDAGRASS CULTIVARS 1/
2020-23 DATA

NAME	SEEDHEAD RATINGS 1-9; 9=NONE 2/							MEAN
	IN1	KS2	MS1	NC1	OK1	OK3	VA1	
OKC1666	8.5	7.0	8.7	7.9	9.0	8.0	8.3	8.2
MSB-1050	8.7	8.6	9.0	7.9	6.7	8.0	7.1	8.2
CELEBRATION HYBRID (MSB-1017)	8.6	8.1	8.9	6.8	9.0	8.7	7.9	8.2
MSB-1026	7.7	8.3	8.7	7.2	9.0	9.0	7.4	8.1
MSB-1042	8.2	8.1	8.3	7.7	9.0	8.3	6.7	8.0
MSB-1048	7.8	7.7	8.8	8.0	6.7	6.7	7.3	7.9
OKC1873	8.7	7.7	8.8	7.4	6.0	4.0	6.9	7.6
LATITUDE 36	7.5	7.6	7.3	7.2	9.0	9.0	7.0	7.6
TIFWAY	8.7	7.1	7.9	6.7	8.3	6.0	7.3	7.5
OKC1682	7.3	7.2	8.3	6.1	9.0	9.0	6.6	7.4
OKC1876	8.3	6.6	8.8	5.7	7.3	4.7	7.0	7.2
TAHOMA 31	6.5	6.9	7.2	6.2	9.0	7.7	6.4	7.0
JSC 80V	5.0	6.7	6.2	7.1	9.0	9.0	6.8	6.8
ASTRO	5.7	7.4	6.0	7.3	8.3	7.7	5.7	6.8
TIFTUF	5.5	5.8	8.8	5.8	9.0	6.3	6.1	6.8
FB 1628	8.3	4.4	8.8	4.6	7.7	5.3	6.4	6.4
FB 1903	8.1	5.9	8.3	5.0	4.3	3.0	6.2	6.3
MSB-1075	7.2	5.2	9.0	4.8	5.3	4.0	5.6	6.2
OKC1406	4.0	5.3	5.9	6.9	7.7	5.7	6.7	6.1
RIVIERA	6.3	6.9	4.8	7.1	7.3	7.0	4.7	6.1
JSC 2013-10S	6.8	5.7	5.8	6.1	6.0	4.7	5.9	6.0
MONACO	6.5	6.3	5.2	6.4	7.0	6.7	4.1	5.8
JSC 2013-12S	7.3	5.8	5.3	6.1	6.3	6.7	4.3	5.7
FB 1902	7.5	4.3	5.7	5.1	6.7	5.0	5.8	5.6
JSC 77V	3.2	5.2	5.7	6.9	6.3	7.7	4.3	5.6
COPPERHEAD (DLF-460/3048)	6.5	5.6	3.5	7.2	7.0	6.0	5.3	5.6
OKS2015-3	5.2	6.9	2.7	6.9	7.0	5.7	5.7	5.4
FB 1630	7.6	3.8	6.5	4.1	3.7	3.0	6.2	5.3
JSC 2013-5S	6.8	5.7	3.5	6.1	6.0	4.3	5.2	5.3
JSC 2013-8S	5.7	5.2	4.3	5.8	6.7	4.7	5.2	5.3
PST-R6TM	6.2	5.2	3.8	6.2	6.0	5.3	5.2	5.2
OKS2015-7	6.0	5.6	3.5	6.3	5.3	5.7	4.1	5.1
OKS2015-1	4.8	6.1	2.9	6.9	6.0	5.0	4.4	5.1
SUN QUEEN (PST-R6MM)	5.8	5.0	3.8	5.7	6.3	5.3	4.9	5.0
JSC 2013-7S	5.2	4.4	3.1	6.1	4.7	4.3	4.4	4.6
LSD VALUE	1.9	1.2	1.8	1.9	1.4	1.4	2.6	0.9
C.V. (%)	17.4	12.0	18.5	20.7	12.6	13.8	27.7	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 48B. SEEDHEAD RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
2020-23 DATA

NAME	SEEDHEAD RATINGS 1-9; 9=NONE 2/							MEAN
	IN1	KS2	MS1	NC1	OK1	OK3	VA1	
RIVIERA	6.3	6.9	4.8	7.1	7.3	7.0	4.7	6.1
JSC 2013-10S	6.8	5.7	5.8	6.1	6.0	4.7	5.9	6.0
MONACO	6.5	6.3	5.2	6.4	7.0	6.7	4.1	5.8
JSC 2013-12S	7.3	5.8	5.3	6.1	6.3	6.7	4.3	5.7
COPPERHEAD (DLF-460/3048)	6.5	5.6	3.5	7.2	7.0	6.0	5.3	5.6
OKS2015-3	5.2	6.9	2.7	6.9	7.0	5.7	5.7	5.4
JSC 2013-5S	6.8	5.7	3.5	6.1	6.0	4.3	5.2	5.3
JSC 2013-8S	5.7	5.2	4.3	5.8	6.7	4.7	5.2	5.3
PST-R6TM	6.2	5.2	3.8	6.2	6.0	5.3	5.2	5.2
OKS2015-7	6.0	5.6	3.5	6.3	5.3	5.7	4.1	5.1
OKS2015-1	4.8	6.1	2.9	6.9	6.0	5.0	4.4	5.1
SUN QUEEN (PST-R6MM)	5.8	5.0	3.8	5.7	6.3	5.3	4.9	5.0
JSC 2013-7S	5.2	4.4	3.1	6.1	4.7	4.3	4.4	4.6
LSD VALUE	1.8	1.2	2.0	2.0	1.5	1.4	2.3	1.0
C.V. (%)	18.4	13.5	30.6	23.6	14.6	16.2	31.3	23.1

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

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

TABLE 48C. SEEDHEAD RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
2020-23 DATA

NAME	SEEDHEAD RATINGS 1-9; 9=NONE 2/							MEAN
	IN1	KS2	MS1	NC1	OK1	OK3	VA1	
OKC1666	8.5	7.0	8.7	7.9	9.0	8.0	8.3	8.2
MSB-1050	8.7	8.6	9.0	7.9	6.7	8.0	7.1	8.2
CELEBRATION HYBRID (MSB-1017)	8.6	8.1	8.9	6.8	9.0	8.7	7.9	8.2
MSB-1026	7.7	8.3	8.7	7.2	9.0	9.0	7.4	8.1
MSB-1042	8.2	8.1	8.3	7.7	9.0	8.3	6.7	8.0
MSB-1048	7.8	7.7	8.8	8.0	6.7	6.7	7.3	7.9
OKC1873	8.7	7.7	8.8	7.4	6.0	4.0	6.9	7.6
LATITUDE 36	7.5	7.6	7.3	7.2	9.0	9.0	7.0	7.6
TIFWAY	8.7	7.1	7.9	6.7	8.3	6.0	7.3	7.5
OKC1682	7.3	7.2	8.3	6.1	9.0	9.0	6.6	7.4
OKC1876	8.3	6.6	8.8	5.7	7.3	4.7	7.0	7.2
TAHOMA 31	6.5	6.9	7.2	6.2	9.0	7.7	6.4	7.0
JSC 80V	5.0	6.7	6.2	7.1	9.0	9.0	6.8	6.8
ASTRO	5.7	7.4	6.0	7.3	8.3	7.7	5.7	6.8
TIFTUF	5.5	5.8	8.8	5.8	9.0	6.3	6.1	6.8
FB 1628	8.3	4.4	8.8	4.6	7.7	5.3	6.4	6.4
FB 1903	8.1	5.9	8.3	5.0	4.3	3.0	6.2	6.3
MSB-1075	7.2	5.2	9.0	4.8	5.3	4.0	5.6	6.2
OKC1406	4.0	5.3	5.9	6.9	7.7	5.7	6.7	6.1
FB 1902	7.5	4.3	5.7	5.1	6.7	5.0	5.8	5.6
JSC 77V	3.2	5.2	5.7	6.9	6.3	7.7	4.3	5.6
FB 1630	7.6	3.8	6.5	4.1	3.7	3.0	6.2	5.3
LSD VALUE	2.0	1.1	1.6	1.8	1.4	1.3	2.7	0.9
C.V. (%)	16.9	11.0	14.0	18.4	11.7	12.6	27.4	16.4

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 49A.

MOWING QUALITY RATINGS OF BERMUDAGRASS CULTIVARS 1/
2020-23 DATA

MOWING QUALITY RATINGS 1-9; 9=CLEANEST CUT 2/

NAME	IN1
FB 1628	9.0
PST-R6TM	9.0
OKC1873	8.7
FB 1630	8.5
FB 1902	8.3
JSC 2013-5S	8.3
JSC 2013-7S	8.3
SUN QUEEN (PST-R6MM)	8.3
CELEBRATION HYBRID (MSB-1017)	8.0
COPPERHEAD (DLF-460/3048)	8.0
FB 1903	8.0
OKC1876	8.0
OKS2015-1	8.0
OKS2015-7	8.0
ASTRO	7.7
JSC 2013-10S	7.7
TIFWAY	7.7
JSC 2013-8S	7.3
MONACO	7.3
TIFTUF	7.3
MSB-1026	7.0
MSB-1075	7.0
OKS2015-3	7.0
RIVIERA	7.0
JSC 2013-12S	6.7
JSC 77V	6.7
TAHOMA 31	6.3
LATITUDE 36	6.0
MSB-1042	5.7
MSB-1048	5.7
MSB-1050	5.7
OKC1666	4.7
OKC1682	4.7
JSC 80V	4.3
OKC1406	3.7
LSD VALUE	1.8
C.V. (%)	15.8

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 49B.

MOWING QUALITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
2020-23 DATA

MOWING QUALITY RATINGS 1-9; 9=CLEANEST CUT 2/

NAME	IN1
PST-R6TM	9.0
JSC 2013-5S	8.3
JSC 2013-7S	8.3
SUN QUEEN (PST-R6MM)	8.3
COPPERHEAD (DLF-460/3048)	8.0
OKS2015-1	8.0
OKS2015-7	8.0
JSC 2013-10S	7.7
JSC 2013-8S	7.3
MONACO	7.3
OKS2015-3	7.0
RIVIERA	7.0
JSC 2013-12S	6.7
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 49C.

MOWING QUALITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
2020-23 DATA

MOWING QUALITY RATINGS 1-9; 9=CLEANEST CUT 2/

NAME	IN1
FB 1628	9.0
OKC1873	8.7
FB 1630	8.5
FB 1902	8.3
CELEBRATION HYBRID (MSB-1017)	8.0
FB 1903	8.0
OKC1876	8.0
ASTRO	7.7
TIFWAY	7.7
TIFTUF	7.3
MSB-1026	7.0
MSB-1075	7.0
JSC 77V	6.7
TAHOMA 31	6.3
LATITUDE 36	6.0
MSB-1042	5.7
MSB-1048	5.7
MSB-1050	5.7
OKC1666	4.7
OKC1682	4.7
JSC 80V	4.3
OKC1406	3.7
LSD VALUE	1.9
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 50A.

SPRING DEAD SPOT RATINGS OF BERMUDAGRASS CULTIVARS 1/
2020-23 DATA

SPRING DEAD SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	IN1	NC1	MEAN
ASTRO	6.8	7.7	7.2
TAHOMA 31	6.5	8.3	7.0
OKC1666	6.4	8.3	7.0
OKC1406	7.0	6.5	6.9
MSB-1042	6.3	8.7	6.7
CELEBRATION HYBRID (MSB-1017)	6.5	7.5	6.5
MSB-1048	5.4	7.8	6.5
TIFWAY	5.4	8.5	6.5
LATITUDE 36	5.8	8.3	6.4
MSB-1075	6.4	6.3	6.4
FB 1902	6.5	6.2	6.3
JSC 2013-10S	6.2	7.0	6.3
JSC 2013-12S	6.2	6.3	6.3
JSC 77V	6.0	6.3	6.3
TIFTUF	5.5	8.2	6.1
FB 1628	5.3	7.5	6.1
FB 1903	6.5	4.5	6.0
OKC1682	5.8	7.2	6.0
JSC 80V	5.7	6.7	5.9
JSC 2013-7S	5.8	6.3	5.8
RIVIERA	5.6	6.0	5.7
OKC1873	5.6	6.5	5.7
OKS2015-3	5.4	5.7	5.6
MONACO	5.5	6.2	5.6
OKS2015-7	5.7	5.7	5.6
MSB-1050	5.1	7.0	5.6
FB 1630	5.8	5.2	5.6
JSC 2013-5S	5.6	6.0	5.5
OKS2015-1	5.2	6.2	5.4
JSC 2013-8S	5.5	5.8	5.4
OKC1876	4.9	6.8	5.3
PST-R6TM	5.8	4.5	5.3
MSB-1026	4.8	6.3	5.2
SUN QUEEN (PST-R6MM)	5.3	4.2	4.9
COPPERHEAD (DLF-460/3048)	4.7	5.3	4.7
LSD VALUE	2.0	1.7	1.6
C.V. (%)	19.0	16.3	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 50B.

SPRING DEAD SPOT RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
2020-23 DATA

SPRING DEAD SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	IN1	NC1	MEAN
JSC 2013-10S	6.2	7.0	6.3
JSC 2013-12S	6.2	6.3	6.3
JSC 2013-7S	5.8	6.3	5.8
RIVIERA	5.6	6.0	5.7
OKS2015-3	5.4	5.7	5.6
MONACO	5.5	6.2	5.6
OKS2015-7	5.7	5.7	5.6
JSC 2013-5S	5.6	6.0	5.5
OKS2015-1	5.2	6.2	5.4
JSC 2013-8S	5.5	5.8	5.4
PST-R6TM	5.8	4.5	5.3
SUN QUEEN (PST-R6MM)	5.3	4.2	4.9
COPPERHEAD (DLF-460/3048)	4.7	5.3	4.7
LSD VALUE	2.1	1.6	1.5
C.V. (%)	20.6	17.6	19.7

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

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

TABLE 50C.

SPRING DEAD SPOT RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
2020-23 DATA

SPRING DEAD SPOT RATINGS 1-9; 9=NO DISEASE 2/			
NAME	IN1	NC1	MEAN
ASTRO	6.8	7.7	7.2
TAHOMA 31	6.5	8.3	7.0
OKC1666	6.4	8.3	7.0
OKC1406	7.0	6.5	6.9
MSB-1042	6.3	8.7	6.7
CELEBRATION HYBRID (MSB-1017)	6.5	7.5	6.5
MSB-1048	5.4	7.8	6.5
TIFWAY	5.4	8.5	6.5
LATITUDE 36	5.8	8.3	6.4
MSB-1075	6.4	6.3	6.4
FB 1902	6.5	6.2	6.3
JSC 77V	6.0	6.3	6.3
TIFTUF	5.5	8.2	6.1
FB 1628	5.3	7.5	6.1
FB 1903	6.5	4.5	6.0
OKC1682	5.8	7.2	6.0
JSC 80V	5.7	6.7	5.9
OKC1873	5.6	6.5	5.7
MSB-1050	5.1	7.0	5.6
FB 1630	5.8	5.2	5.6
OKC1876	4.9	6.8	5.3
MSB-1026	4.8	6.3	5.2
LSD VALUE	2.0	1.8	1.7
C.V. (%)	18.2	15.9	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 51A.

SPRING COLOR RATINGS OF BERMUDAGRASS CULTIVARS 1/
2020 DATA

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

NAME	MO1
OKC1666	8.0
TAHOMA 31	8.0
OKC1682	7.7
JSC 80V	7.0
LATITUDE 36	7.0
OKC1406	7.0
ASTRO	6.3
JSC 2013-10S	6.3
JSC 2013-12S	6.3
JSC 77V	6.3
MSB-1042	6.3
OKS2015-3	6.0
RIVIERA	6.0
JSC 2013-8S	5.7
OKS2015-7	5.7
FB 1628	5.0
JSC 2013-5S	5.0
JSC 2013-7S	5.0
OKS2015-1	5.0
TIFTUF	5.0
OKC1876	4.7
FB 1902	4.3
MSB-1017	4.3
OKC1873	4.3
MONACO	4.0
TIFWAY	4.0
FB 1630	3.7
MSB-1026	3.7
MSB-1048	3.7
MSB-1050	3.3
FB 1903	3.0
SUN QUEEN (PST-R6MM)	2.7
COPPERHEAD (DLF-460/3048)	2.3
MSB-1075	1.7
PST-R6TM	1.7
LSD VALUE	1.7
C.V. (%)	20.9

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 51B.

SPRING COLOR RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
2020 DATA

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

NAME	MO1
JSC 2013-10S	6.3
JSC 2013-12S	6.3
OKS2015-3	6.0
RIVIERA	6.0
JSC 2013-8S	5.7
OKS2015-7	5.7
JSC 2013-5S	5.0
JSC 2013-7S	5.0
OKS2015-1	5.0
MONACO	4.0
SUN QUEEN (PST-R6MM)	2.7
COPPERHEAD (DLF-460/3048)	2.3
PST-R6TM	1.7
LSD VALUE	1.1
C.V. (%)	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 51C.

SPRING COLOR RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
2020 DATA

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

NAME	MO1
OKC1666	8.0
TAHOMA 31	8.0
OKC1682	7.7
JSC 80V	7.0
LATITUDE 36	7.0
OKC1406	7.0
ASTRO	6.3
JSC 77V	6.3
MSB-1042	6.3
FB 1628	5.0
TIFTUF	5.0
OKC1876	4.7
FB 1902	4.3
MSB-1017	4.3
OKC1873	4.3
TIFWAY	4.0
FB 1630	3.7
MSB-1026	3.7
MSB-1048	3.7
MSB-1050	3.3
FB 1903	3.0
MSB-1075	1.7
LSD VALUE	1.9
C.V. (%)	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 52A.

SCALPING RATINGS OF BERMUDAGRASS CULTIVARS 1/
2020-23 DATA

SCALPING RATINGS 1-9; 9=NONE 2/	
NAME	IN1
FB 1628	9.0
OKS2015-7	9.0
OKS2015-3	8.8
JSC 2013-8S	8.7
FB 1630	8.5
FB 1902	8.5
JSC 2013-5S	8.5
MONACO	8.5
RIVIERA	8.3
SUN QUEEN (PST-R6MM)	8.3
PST-R6TM	8.3
JSC 2013-10S	8.2
JSC 2013-7S	8.2
JSC 77V	8.0
OKC1876	8.0
OKC1873	7.8
FB 1903	7.8
MSB-1075	7.8
TIFWAY	7.7
JSC 2013-12S	7.7
OKS2015-1	7.7
COPPERHEAD (DLF-460/3048)	7.5
TIFTUF	7.5
TAHOMA 31	7.3
CELEBRATION HYBRID (MSB-1017)	7.0
MSB-1048	6.8
MSB-1050	6.8
ASTRO	6.7
MSB-1042	6.7
JSC 80V	6.5
LATITUDE 36	6.5
MSB-1026	6.5
OKC1682	5.8
OKC1406	5.0
OKC1666	4.7
LSD VALUE	1.6
C.V. (%)	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).

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

TABLE 52B.

SCALPING RATINGS OF BERMUDAGRASS (SEED) CULTIVARS 1/
2020-23 DATA

SCALPING RATINGS 1-9; 9=NONE 2/

NAME	IN1
OKS2015-7	9.0
OKS2015-3	8.8
JSC 2013-8S	8.7
JSC 2013-5S	8.5
MONACO	8.5
RIVIERA	8.3
SUN QUEEN (PST-R6MM)	8.3
PST-R6TM	8.3
JSC 2013-10S	8.2
JSC 2013-7S	8.2
JSC 2013-12S	7.7
OKS2015-1	7.7
COPPERHEAD (DLF-460/3048)	7.5
LSD VALUE	1.2
C.V. (%)	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 52C.

SCALPING RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
2020-23 DATA

SCALPING RATINGS 1-9; 9=NONE		2/
NAME		IN1
FB 1628		9.0
FB 1630		8.5
FB 1902		8.5
JSC 77V		8.0
OKC1876		8.0
OKC1873		7.8
FB 1903		7.8
MSB-1075		7.8
TIFWAY		7.7
TIFTUF		7.5
TAHOMA 31		7.3
CELEBRATION HYBRID (MSB-1017)		7.0
MSB-1048		6.8
MSB-1050		6.8
ASTRO		6.7
MSB-1042		6.7
JSC 80V		6.5
LATITUDE 36		6.5
MSB-1026		6.5
OKC1682		5.8
OKC1406		5.0
OKC1666		4.7
LSD VALUE		1.9
C.V. (%)		15.9

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

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

TABLE 53A.

CANOPY SMOOTHNESS RATINGS OF BERMUDAGRASS CULTIVARS 1/
2020 DATA

CANOPY SMOOTHNESS RATINGS 1-9; 9=SMOOTH 2/

NAME	IN1
COPPERHEAD (DLF-460/3048)	9.0
OKC1406	9.0
OKS2015-1	9.0
JSC 2013-10S	8.7
JSC 2013-12S	8.7
MSB-1042	8.7
OKS2015-3	8.7
PST-R6TM	8.7
ASTRO	8.3
FB 1903	8.3
JSC 2013-8S	8.3
OKC1666	8.3
OKC1682	8.3
OKS2015-7	8.3
SUN QUEEN (PST-R6MM)	8.3
FB 1630	8.0
FB 1902	8.0
JSC 2013-5S	8.0
JSC 2013-7S	8.0
JSC 80V	8.0
LATITUDE 36	8.0
MONACO	8.0
MSB-1048	8.0
TIFTUF	8.0
OKC1873	7.7
OKC1876	7.7
MSB-1017	7.5
FB 1628	7.3
RIVIERA	7.3
MSB-1075	7.0
TAHOMA 31	6.7
TIFWAY	6.7
JSC 77V	6.3
MSB-1050	6.3
MSB-1026	5.7
LSD VALUE	1.5
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 53B.

CANOPY SMOOTHNESS RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
2020 DATA

CANOPY SMOOTHNESS RATINGS 1-9; 9=SMOOTH 2/

NAME	IN1
COPPERHEAD (DLF-460/3048)	9.0
OKS2015-1	9.0
JSC 2013-10S	8.7
JSC 2013-12S	8.7
OKS2015-3	8.7
PST-R6TM	8.7
JSC 2013-8S	8.3
OKS2015-7	8.3
SUN QUEEN (PST-R6MM)	8.3
JSC 2013-5S	8.0
JSC 2013-7S	8.0
MONACO	8.0
RIVIERA	7.3
LSD VALUE	1.4
C.V. (%)	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 53C.

CANOPY SMOOTHNESS RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
2020 DATA

CANOPY SMOOTHNESS RATINGS 1-9; 9=SMOOTH 2/

NAME	IN1
OKC1406	9.0
MSB-1042	8.7
ASTRO	8.3
FB 1903	8.3
OKC1666	8.3
OKC1682	8.3
FB 1630	8.0
FB 1902	8.0
JSC 80V	8.0
LATITUDE 36	8.0
MSB-1048	8.0
TIFTUF	8.0
OKC1873	7.7
OKC1876	7.7
MSB-1017	7.5
FB 1628	7.3
MSB-1075	7.0
TAHOMA 31	6.7
TIFWAY	6.7
JSC 77V	6.3
MSB-1050	6.3
MSB-1026	5.7
LSD VALUE	1.6
C.V. (%)	12.8

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 54A.

SEEDHEAD RATINGS OF BERMUDAGRASS CULTIVARS
MISS. ST., MS 1/
2020 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/

NAME	MAY	JUNE	MEAN
MSB-1026	8.7	9.0	8.8
MSB-1050	8.3	9.0	8.7
MSB-1075	8.3	9.0	8.7
MSB-1017	8.3	8.7	8.5
MSB-1048	8.3	8.3	8.3
OKC1873	7.7	9.0	8.3
OKC1666	8.3	8.0	8.2
TIFTUF	8.0	8.3	8.2
OKC1682	8.3	7.3	7.8
OKC1876	7.0	8.3	7.7
MSB-1042	8.3	6.3	7.3
TIFWAY	8.0	6.3	7.2
FB 1628	5.0	9.0	7.0
FB 1903	7.0	6.3	6.7
MONACO	7.3	5.0	6.2
RIVIERA	8.0	4.3	6.2
JSC 77V	7.3	4.7	6.0
OKC1406	8.3	3.7	6.0
COPPERHEAD (DLF-460/3048)	7.7	4.0	5.8
JSC 2013-10S	6.0	5.7	5.8
JSC 2013-12S	7.7	4.0	5.8
SUN QUEEN (PST-R6MM)	7.0	4.7	5.8
LATITUDE 36	8.3	3.0	5.7
PST-R6TM	7.0	4.3	5.7
JSC 80V	9.0	2.0	5.5
OKS2015-1	8.0	2.7	5.3
ASTRO	8.3	2.0	5.2
OKS2015-3	8.0	2.0	5.0
FB 1902	7.7	2.0	4.8
JSC 2013-8S	6.7	3.0	4.8
OKS2015-7	7.0	2.3	4.7
TAHOMA 31	7.3	2.0	4.7
JSC 2013-5S	6.0	2.7	4.3
FB 1630	5.3	3.0	4.2
JSC 2013-7S	6.3	1.7	4.0
LSD VALUE	0.9	2.7	1.4
C.V. (%)	7.7	33.0	13.9

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 54B.

SEEDHEAD RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
 MISS. ST., MS 1/
 2020 DATA
 SEEDHEAD RATINGS 1-9; 9=NONE 2/

NAME	MAY	JUNE	MEAN
MONACO	7.3	5.0	6.2
RIVIERA	8.0	4.3	6.2
COPPERHEAD (DLF-460/3048)	7.7	4.0	5.8
JSC 2013-10S	6.0	5.7	5.8
JSC 2013-12S	7.7	4.0	5.8
SUN QUEEN (PST-R6MM)	7.0	4.7	5.8
PST-R6TM	7.0	4.3	5.7
OKS2015-1	8.0	2.7	5.3
OKS2015-3	8.0	2.0	5.0
JSC 2013-8S	6.7	3.0	4.8
OKS2015-7	7.0	2.3	4.7
JSC 2013-5S	6.0	2.7	4.3
JSC 2013-7S	6.3	1.7	4.0
LSD VALUE	1.0	2.6	1.4
C.V. (%)	7.9	36.7	13.3

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

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

TABLE 54C.

SEEDHEAD RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
 MISS. ST., MS 1/
 2020 DATA
 SEEDHEAD RATINGS 1-9; 9=NONE 2/

NAME	MAY	JUNE	MEAN
MSB-1026	8.7	9.0	8.8
MSB-1050	8.3	9.0	8.7
MSB-1075	8.3	9.0	8.7
MSB-1017	8.3	8.7	8.5
MSB-1048	8.3	8.3	8.3
OKC1873	7.7	9.0	8.3
OKC1666	8.3	8.0	8.2
TIFTUF	8.0	8.3	8.2
OKC1682	8.3	7.3	7.8
OKC1876	7.0	8.3	7.7
MSB-1042	8.3	6.3	7.3
TIFWAY	8.0	6.3	7.2
FB 1628	5.0	9.0	7.0
FB 1903	7.0	6.3	6.7
JSC 77V	7.3	4.7	6.0
OKC1406	8.3	3.7	6.0
LATITUDE 36	8.3	3.0	5.7
JSC 80V	9.0	2.0	5.5
ASTRO	8.3	2.0	5.2
FB 1902	7.7	2.0	4.8
TAHOMA 31	7.3	2.0	4.7
FB 1630	5.3	3.0	4.2
LSD VALUE	0.8	3.1	1.5
C.V. (%)	6.5	31.6	14.0

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

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

TABLE 55A.

PERCENT ESTABLISHMENT RATINGS OF BERMUDAGRASS CULTIVARS
AT JAY, FL 1/
2019-20 DATA 2/

NAME	9/13/19	9/30/19	10/28/19	03/2020	04/2020	05/2020	06/2020	MEAN
MSB-1017	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
COPPERHEAD (DLF-460/3048)	90.0	99.0	99.0	99.0	99.0	99.0	99.0	97.7
JSC 2013-5S	90.0	99.0	99.0	99.0	99.0	99.0	99.0	97.7
MSB-1050	90.0	99.0	99.0	99.0	99.0	99.0	99.0	97.7
JSC 2013-10S	86.7	99.0	99.0	99.0	99.0	99.0	99.0	97.2
JSC 2013-7S	86.7	99.0	99.0	99.0	99.0	99.0	99.0	97.2
JSC 2013-8S	86.7	96.0	99.0	99.0	99.0	99.0	99.0	96.8
MSB-1042	86.7	96.0	99.0	99.0	99.0	99.0	99.0	96.8
PST-R6TM	83.3	96.0	99.0	99.0	99.0	99.0	99.0	96.3
RIVIERA	83.3	96.0	99.0	99.0	99.0	99.0	99.0	96.3
SUN QUEEN (PST-R6MM)	83.3	96.0	99.0	99.0	99.0	99.0	99.0	96.3
OKS2015-3	80.0	96.0	99.0	99.0	99.0	99.0	99.0	95.9
JSC 2013-12S	83.3	96.0	96.0	97.7	99.0	99.0	99.0	95.7
ASTRO	83.3	90.0	99.0	99.0	99.0	99.0	99.0	95.5
TIFTUF	80.0	93.0	99.0	99.0	99.0	99.0	99.0	95.4
MONACO	83.3	93.0	96.0	97.7	99.0	99.0	99.0	95.3
JSC 77V	80.0	90.0	99.0	99.0	99.0	99.0	99.0	95.0
OKC1876	76.7	90.0	99.0	99.0	99.0	99.0	99.0	94.5
OKS2015-7	76.7	90.0	99.0	99.0	99.0	99.0	99.0	94.5
OKS2015-1	76.7	90.0	96.0	99.0	99.0	99.0	99.0	94.1
MSB-1048	73.3	86.3	96.0	99.0	99.0	99.0	99.0	93.1
LATITUDE 36	70.0	83.3	93.0	99.0	99.0	99.0	99.0	91.8
OKC1406	66.7	86.7	93.0	96.3	97.7	99.0	99.0	91.2
FB 1630	66.7	83.3	90.0	99.0	99.0	99.0	99.0	90.9
JSC 80V	73.3	80.0	90.0	96.3	96.3	99.0	99.0	90.6
MSB-1026	76.7	83.3	90.0	93.3	93.3	95.0	97.7	89.9
FB 1628	56.7	73.3	89.3	96.0	97.7	97.7	99.0	87.1
OKC1873	50.0	70.0	89.7	99.0	99.0	99.0	99.0	86.5
TAHOMA 31	46.7	66.7	90.0	96.3	99.0	99.0	99.0	85.2
TIFWAY	43.3	60.0	83.3	94.7	97.7	99.0	99.0	82.4
MSB-1075	40.0	66.7	83.3	91.7	95.0	97.7	99.0	81.9
FB 1903	33.3	53.3	76.7	86.7	94.7	97.7	99.0	77.3
OKC1666	36.7	56.7	70.0	80.0	83.3	90.0	95.0	73.1
FB 1902	26.7	43.3	60.0	86.7	96.3	99.0	99.0	73.0
OKC1682	16.7	33.3	63.3	78.3	85.0	90.0	95.0	66.0
LSD VALUE	13.4	12.3	8.9	3.8	2.4	1.0	0.6	5.0
C.V. (%)	12.8	9.8	6.3	2.6	1.6	0.7	0.4	3.7

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 55B.

PERCENT ESTABLISHMENT RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
AT JAY, FL 1/
2019-20 DATA 2/

NAME	9/13/19	9/30/19	10/28/19	03/2020	04/2020	05/2020	06/2020	MEAN
COPPERHEAD (DLF-460/3048)	90.0	99.0	99.0	99.0	99	99	99	97.7
JSC 2013-5S	90.0	99.0	99.0	99.0	99	99	99	97.7
JSC 2013-10S	86.7	99.0	99.0	99.0	99	99	99	97.2
JSC 2013-7S	86.7	99.0	99.0	99.0	99	99	99	97.2
JSC 2013-8S	86.7	96.0	99.0	99.0	99	99	99	96.8
PST-R6TM	83.3	96.0	99.0	99.0	99	99	99	96.3
RIVIERA	83.3	96.0	99.0	99.0	99	99	99	96.3
SUN QUEEN (PST-R6MM)	83.3	96.0	99.0	99.0	99	99	99	96.3
OKS2015-3	80.0	96.0	99.0	99.0	99	99	99	95.9
JSC 2013-12S	83.3	96.0	96.0	97.7	99	99	99	95.7
MONACO	83.3	93.0	96.0	97.7	99	99	99	95.3
OKS2015-7	76.7	90.0	99.0	99.0	99	99	99	94.5
OKS2015-1	76.7	90.0	96.0	99.0	99	99	99	94.1
LSD VALUE	14.4	7.8	7.1	2.6	0	0	0	3.5
C.V. (%)	7.2	3.8	2.5	0.9	0	0	0	1.6

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 55C. PERCENT ESTABLISHMENT RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
 AT JAY, FL 1/
 2019-20 DATA 2/

NAME	9/13/19	9/30/19	10/28/19	03/2020	04/2020	05/2020	06/2020	MEAN
MSB-1017	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
MSB-1050	90.0	99.0	99.0	99.0	99.0	99.0	99.0	97.7
MSB-1042	86.7	96.0	99.0	99.0	99.0	99.0	99.0	96.8
ASTRO	83.3	90.0	99.0	99.0	99.0	99.0	99.0	95.5
TIFTUF	80.0	93.0	99.0	99.0	99.0	99.0	99.0	95.4
JSC 77V	80.0	90.0	99.0	99.0	99.0	99.0	99.0	95.0
OKC1876	76.7	90.0	99.0	99.0	99.0	99.0	99.0	94.5
MSB-1048	73.3	86.3	96.0	99.0	99.0	99.0	99.0	93.1
LATITUDE 36	70.0	83.3	93.0	99.0	99.0	99.0	99.0	91.8
OKC1406	66.7	86.7	93.0	96.3	97.7	99.0	99.0	91.2
FB 1630	66.7	83.3	90.0	99.0	99.0	99.0	99.0	90.9
JSC 80V	73.3	80.0	90.0	96.3	96.3	99.0	99.0	90.6
MSB-1026	76.7	83.3	90.0	93.3	93.3	95.0	97.7	89.9
FB 1628	56.7	73.3	89.3	96.0	97.7	97.7	99.0	87.1
OKC1873	50.0	70.0	89.7	99.0	99.0	99.0	99.0	86.5
TAHOMA 31	46.7	66.7	90.0	96.3	99.0	99.0	99.0	85.2
TIFWAY	43.3	60.0	83.3	94.7	97.7	99.0	99.0	82.4
MSB-1075	40.0	66.7	83.3	91.7	95.0	97.7	99.0	81.9
FB 1903	33.3	53.3	76.7	86.7	94.7	97.7	99.0	77.3
OKC1666	36.7	56.7	70.0	80.0	83.3	90.0	95.0	73.1
FB 1902	26.7	43.3	60.0	86.7	96.3	99.0	99.0	73.0
OKC1682	16.7	33.3	63.3	78.3	85.0	90.0	95.0	66.0
LSD VALUE	15.6	15.4	11.1	4.8	3.1	1.3	0.7	6.2
C.V. (%)	16.5	13.1	8.0	3.3	2.1	0.9	0.5	4.7

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

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

TABLE 56A.

PERCENT ESTABLISHMENT RATINGS OF BERMUDAGRASS CULTIVARS
AT WICHITA, KS 1/
2019-20 DATA 2/

NAME	JULY	AUGUST	SEPTEMBER	MEAN
COPPERHEAD (DLF-460/3048)	76.7	93.3	98.3	89.4
JSC 2013-5S	71.7	93.3	97.0	87.3
SUN QUEEN (PST-R6MM)	63.3	93.3	99.0	85.2
JSC 2013-8S	63.3	91.0	97.7	84.0
JSC 2013-7S	63.3	84.3	97.7	81.8
PST-R6TM	53.3	93.3	98.3	81.7
MONACO	56.7	89.3	95.3	80.4
JSC 2013-12S	43.3	83.3	96.3	74.3
RIVIERA	30.3	89.3	97.7	72.4
MSB-1017	40.0	80.0	97.0	72.3
JSC 2013-10S	38.3	80.0	96.3	71.6
OKS2015-3	22.0	89.3	94.7	68.7
MSB-1042	26.7	76.7	94.0	65.8
OKS2015-1	26.7	68.3	94.3	63.1
MSB-1050	23.7	70.0	94.0	62.6
MSB-1048	20.7	66.7	95.7	61.0
OKS2015-7	16.0	71.7	92.7	60.1
OKC1876	23.3	58.3	91.7	57.8
OKC1666	20.0	55.0	95.0	56.7
FB 1630	21.3	56.7	90.0	56.0
TIFTUF	26.7	45.0	93.3	55.0
ASTRO	25.0	38.3	91.7	51.7
TAHOMA 31	14.7	51.7	88.3	51.6
TIFWAY	21.7	43.3	88.3	51.1
OKC1406	19.7	43.3	90.0	51.0
JSC 80V	17.3	45.0	86.7	49.7
MSB-1075	17.3	41.7	88.3	49.1
FB 1902	11.3	45.0	90.0	48.8
LATITUDE 36	14.7	38.3	90.0	47.7
MSB-1026	20.3	26.7	88.3	45.1
OKC1873	11.7	38.3	85.0	45.0
FB 1628	12.3	31.7	86.7	43.6
FB 1903	9.7	36.7	78.3	41.6
JSC 77V	19.0	23.3	73.3	38.6
OKC1682	10.7	12.0	83.3	35.3
LSD VALUE	13.9	12.6	11.2	9.1
C.V. (%)	30.8	14.0	6.6	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 56B. PERCENT ESTABLISHMENT RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
 AT WICHITA, KS 1/
 2019-20 DATA 2/

NAME	JULY	AUGUST	SEPTEMBER	MEAN
COPPERHEAD (DLF-460/3048)	76.7	93.3	98.3	89.4
JSC 2013-5S	71.7	93.3	97.0	87.3
SUN QUEEN (PST-R6MM)	63.3	93.3	99.0	85.2
JSC 2013-8S	63.3	91.0	97.7	84.0
JSC 2013-7S	63.3	84.3	97.7	81.8
PST-R6TM	53.3	93.3	98.3	81.7
MONACO	56.7	89.3	95.3	80.4
JSC 2013-12S	43.3	83.3	96.3	74.3
RIVIERA	30.3	89.3	97.7	72.4
JSC 2013-10S	38.3	80.0	96.3	71.6
OKS2015-3	22.0	89.3	94.7	68.7
OKS2015-1	26.7	68.3	94.3	63.1
OKS2015-7	16.0	71.7	92.7	60.1
LSD VALUE	19.8	10.6	4.7	9.2
C.V. (%)	25.4	7.2	2.3	7.4

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 56C. PERCENT ESTABLISHMENT RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
 AT WICHITA, KS 1/
 2019-20 DATA 2/

NAME	JULY	AUGUST	SEPTEMBER	MEAN
MSB-1017	40.0	80.0	97.0	72.3
MSB-1042	26.7	76.7	94.0	65.8
MSB-1050	23.7	70.0	94.0	62.6
MSB-1048	20.7	66.7	95.7	61.0
OKC1876	23.3	58.3	91.7	57.8
OKC1666	20.0	55.0	95.0	56.7
FB 1630	21.3	56.7	90.0	56.0
TIFTUF	26.7	45.0	93.3	55.0
ASTRO	25.0	38.3	91.7	51.7
TAHOMA 31	14.7	51.7	88.3	51.6
TIFWAY	21.7	43.3	88.3	51.1
OKC1406	19.7	43.3	90.0	51.0
JSC 80V	17.3	45.0	86.7	49.7
MSB-1075	17.3	41.7	88.3	49.1
FB 1902	11.3	45.0	90.0	48.8
LATITUDE 36	14.7	38.3	90.0	47.7
MSB-1026	20.3	26.7	88.3	45.1
OKC1873	11.7	38.3	85.0	45.0
FB 1628	12.3	31.7	86.7	43.6
FB 1903	9.7	36.7	78.3	41.6
JSC 77V	19.0	23.3	73.3	38.6
OKC1682	10.7	12.0	83.3	35.3
LSD VALUE	12.2	14.6	16.1	9.7
C.V. (%)	34.6	20.3	8.0	11.7

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

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

TABLE 57A. PERCENT ESTABLISHMENT RATINGS OF BERMUDAGRASS CULTIVARS
AT MISS. ST., MS 1/
2019 DATA 2/

NAME	AUGUST	SEPT 6	SEPT 27	OCTOBER	MEAN
MSB-1050	31.7	93.0	99.0	99.0	80.7
MSB-1042	25.0	70.0	99.0	99.0	73.3
TIFTUF	25.0	70.0	99.0	99.0	73.3
MSB-1026	23.3	70.0	99.0	99.0	72.8
MSB-1048	23.3	70.0	99.0	99.0	72.8
OKS2015-3	20.0	70.0	99.0	99.0	72.0
MSB-1017	23.3	66.7	96.0	99.0	71.3
LATITUDE 36	21.7	65.0	99.0	99.0	71.2
FB 1628	21.7	63.3	99.0	99.0	70.8
OKC1873	21.7	63.3	99.0	99.0	70.8
COPPERHEAD (DLF-460/3048)	20.0	63.3	99.0	99.0	70.3
JSC 2013-12S	20.0	63.3	99.0	99.0	70.3
OKS2015-1	20.0	63.3	99.0	99.0	70.3
MONACO	20.0	61.7	99.0	99.0	69.9
OKC1876	21.7	60.0	99.0	99.0	69.9
FB 1630	20.0	60.0	99.0	99.0	69.5
JSC 2013-8S	20.0	60.0	99.0	99.0	69.5
JSC 77V	20.0	60.0	99.0	99.0	69.5
OKS2015-7	20.0	60.0	99.0	99.0	69.5
FB 1902	20.0	60.0	96.0	99.0	68.8
MSB-1075	20.0	60.0	96.0	99.0	68.8
ASTRO	18.3	56.7	96.0	99.0	67.5
OKC1666	20.0	55.0	96.0	99.0	67.5
JSC 2013-5S	16.7	56.7	96.0	99.0	67.1
TIFWAY	20.0	56.7	92.7	99.0	67.1
FB 1903	20.0	53.3	93.0	99.0	66.3
OKC1406	18.3	53.3	92.7	99.0	65.8
JSC 80V	18.3	55.0	89.7	99.0	65.5
OKC1682	18.3	51.7	93.0	99.0	65.5
TAHOMA 31	18.3	51.7	93.0	99.0	65.5
SUN QUEEN (PST-R6MM)	15.0	51.7	96.0	99.0	65.4
JSC 2013-7S	16.7	50.0	92.7	99.0	64.6
JSC 2013-10S	16.7	45.0	90.0	99.0	62.7
PST-R6TM	16.7	50.0	92.7	89.3	62.2
RIVIERA	15.0	46.7	89.7	96.0	61.8
LSD VALUE	6.6	19.2	16.5	10.2	10.2
C.V. (%)	17.0	16.5	5.4	3.0	6.8

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 57B. PERCENT ESTABLISHMENT RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
 AT MISS. ST., MS 1/
 2019 DATA 2/

NAME	AUGUST	SEPT 6	SEPT 27	OCTOBER	MEAN
OKS2015-3	20.0	70.0	99.0	99.0	72.0
COPPERHEAD (DLF-460/3048)	20.0	63.3	99.0	99.0	70.3
JSC 2013-12S	20.0	63.3	99.0	99.0	70.3
OKS2015-1	20.0	63.3	99.0	99.0	70.3
MONACO	20.0	61.7	99.0	99.0	69.9
JSC 2013-8S	20.0	60.0	99.0	99.0	69.5
OKS2015-7	20.0	60.0	99.0	99.0	69.5
JSC 2013-5S	16.7	56.7	96.0	99.0	67.1
SUN QUEEN (PST-R6MM)	15.0	51.7	96.0	99.0	65.4
JSC 2013-7S	16.7	50.0	92.7	99.0	64.6
JSC 2013-10S	16.7	45.0	90.0	99.0	62.7
PST-R6TM	16.7	50.0	92.7	89.3	62.2
RIVIERA	15.0	46.7	89.7	96.0	61.8
LSD VALUE	11.7	33.3	13.6	13.6	16.3
C.V. (%)	22.4	22.1	5.7	5.0	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 57C. PERCENT ESTABLISHMENT RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
 AT MISS. ST., MS 1/
 2019 DATA 2/

NAME	AUGUST	SEPT 6	SEPT 27	OCTOBER	MEAN
MSB-1050	31.7	93.0	99.0	99	80.7
MSB-1042	25.0	70.0	99.0	99	73.3
TIFTUF	25.0	70.0	99.0	99	73.3
MSB-1026	23.3	70.0	99.0	99	72.8
MSB-1048	23.3	70.0	99.0	99	72.8
MSB-1017	23.3	66.7	96.0	99	71.3
LATITUDE 36	21.7	65.0	99.0	99	71.2
FB 1628	21.7	63.3	99.0	99	70.8
OKC1873	21.7	63.3	99.0	99	70.8
OKC1876	21.7	60.0	99.0	99	69.9
FB 1630	20.0	60.0	99.0	99	69.5
JSC 77V	20.0	60.0	99.0	99	69.5
FB 1902	20.0	60.0	96.0	99	68.8
MSB-1075	20.0	60.0	96.0	99	68.8
ASTRO	18.3	56.7	96.0	99	67.5
OKC1666	20.0	55.0	96.0	99	67.5
TIFWAY	20.0	56.7	92.7	99	67.1
FB 1903	20.0	53.3	93.0	99	66.3
OKC1406	18.3	53.3	92.7	99	65.8
JSC 80V	18.3	55.0	89.7	99	65.5
OKC1682	18.3	51.7	93.0	99	65.5
TAHOMA 31	18.3	51.7	93.0	99	65.5
LSD VALUE	5.3	11.9	15.2	0	6.1
C.V. (%)	13.8	11.6	5.2	0	4.9

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

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

TABLE 58A. PERCENT ESTABLISHMENT RATINGS OF BERMUDAGRASS CULTIVARS
AT LAS CRUCES, NM 1/
2019 DATA 2/

NAME	JULY 25	AUG 22	SEPT 11	SEPT 26	OCT 9	MEAN
JSC 2013-7S	91.0	93.0	97.3	93.7	96.0	94.2
JSC 2013-8S	81.3	94.3	98.0	94.0	96.7	92.9
JSC 2013-10S	87.7	93.7	92.0	93.0	95.0	92.3
OKS2015-7	79.3	95.0	97.0	90.7	97.0	91.8
OKS2015-3	75.3	94.3	92.0	97.3	97.7	91.3
RIVIERA	84.0	91.0	94.0	94.0	93.0	91.2
JSC 2013-5S	89.0	92.0	96.0	82.0	92.0	90.2
JSC 2013-12S	48.7	95.7	97.3	95.3	96.3	86.7
PST-R6TM	78.0	81.7	96.7	85.7	88.0	86.0
FB 1903	64.7	84.7	95.0	84.3	92.3	84.2
SUN QUEEN (PST-R6MM)	88.7	80.0	76.7	84.3	90.3	84.0
OKS2015-1	39.7	89.3	90.7	93.3	93.3	81.3
OKC1876	28.7	78.3	93.7	94.7	95.7	78.2
TIFWAY	25.0	82.7	90.7	94.0	96.0	77.7
COPPERHEAD (DLF-460/3048)	39.0	82.0	81.0	91.7	92.7	77.3
FB 1628	21.0	78.7	90.0	95.7	96.3	76.3
LATITUDE 36	33.7	77.0	86.7	90.7	92.0	76.0
MSB-1050	38.0	77.3	78.7	88.3	90.7	74.6
TIFTUF	33.0	73.3	93.0	86.7	86.3	74.5
JSC 77V	41.0	72.3	86.7	80.3	85.3	73.1
TAHOMA 31	46.7	66.7	80.3	85.7	83.7	72.6
MSB-1017	35.7	81.3	87.3	84.7	73.7	72.5
FB 1902	9.0	73.7	87.0	87.0	91.7	69.7
JSC 80V	22.7	64.7	84.3	86.3	85.0	68.6
FB 1630	11.0	76.0	80.3	82.3	91.7	68.3
ASTRO	20.3	62.7	74.7	83.7	86.7	65.6
MONACO	11.7	58.7	76.0	86.0	88.7	64.2
MSB-1026	14.3	62.3	71.7	87.0	85.0	64.1
OKC1873	21.3	50.3	70.7	84.7	85.7	62.5
MSB-1048	10.7	47.0	78.0	80.3	82.7	59.7
OKC1666	15.7	58.7	74.3	71.0	71.7	58.3
MSB-1042	29.3	64.3	70.0	67.0	58.0	57.7
OKC1406	15.0	57.3	67.0	69.0	70.3	55.7
OKC1682	9.7	47.0	69.7	71.0	77.3	54.9
MSB-1075	11.7	58.7	61.3	67.7	65.3	52.9
LSD VALUE	22.2	21.0	23.5	16.1	12.7	12.0
C.V. (%)	35.4	16.6	14.0	10.2	8.9	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 58B. PERCENT ESTABLISHMENT RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
AT LAS CRUCES, NM 1/
2019 DATA 2/

NAME	JULY 25	AUG 22	SEPT 11	SEPT 26	OCT 9	MEAN
JSC 2013-7S	91.0	93.0	97.3	93.7	96.0	94.2
JSC 2013-8S	81.3	94.3	98.0	94.0	96.7	92.9
JSC 2013-10S	87.7	93.7	92.0	93.0	95.0	92.3
OKS2015-7	79.3	95.0	97.0	90.7	97.0	91.8
OKS2015-3	75.3	94.3	92.0	97.3	97.7	91.3
RIVIERA	84.0	91.0	94.0	94.0	93.0	91.2
JSC 2013-5S	89.0	92.0	96.0	82.0	92.0	90.2
JSC 2013-12S	48.7	95.7	97.3	95.3	96.3	86.7
PST-R6TM	78.0	81.7	96.7	85.7	88.0	86.0
SUN QUEEN (PST-R6MM)	88.7	80.0	76.7	84.3	90.3	84.0
OKS2015-1	39.7	89.3	90.7	93.3	93.3	81.3
COPPERHEAD (DLF-460/3048)	39.0	82.0	81.0	91.7	92.7	77.3
MONACO	11.7	58.7	76.0	86.0	88.7	64.2
LSD VALUE	15.6	17.4	27.4	6.9	7.0	6.9
C.V. (%)	14.7	10.8	12.5	4.3	3.7	5.0

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 58C. PERCENT ESTABLISHMENT RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
AT LAS CRUCES, NM 1/
2019 DATA 2/

NAME	JULY 25	AUG 22	SEPT 11	SEPT 26	OCT 9	MEAN
FB 1903	64.7	84.7	95.0	84.3	92.3	84.2
OKC1876	28.7	78.3	93.7	94.7	95.7	78.2
TIFWAY	25.0	82.7	90.7	94.0	96.0	77.7
FB 1628	21.0	78.7	90.0	95.7	96.3	76.3
LATITUDE 36	33.7	77.0	86.7	90.7	92.0	76.0
MSB-1050	38.0	77.3	78.7	88.3	90.7	74.6
TIFTUF	33.0	73.3	93.0	86.7	86.3	74.5
JSC 77V	41.0	72.3	86.7	80.3	85.3	73.1
TAHOMA 31	46.7	66.7	80.3	85.7	83.7	72.6
MSB-1017	35.7	81.3	87.3	84.7	73.7	72.5
FB 1902	9.0	73.7	87.0	87.0	91.7	69.7
JSC 80V	22.7	64.7	84.3	86.3	85.0	68.6
FB 1630	11.0	76.0	80.3	82.3	91.7	68.3
ASTRO	20.3	62.7	74.7	83.7	86.7	65.6
MSB-1026	14.3	62.3	71.7	87.0	85.0	64.1
OKC1873	21.3	50.3	70.7	84.7	85.7	62.5
MSB-1048	10.7	47.0	78.0	80.3	82.7	59.7
OKC1666	15.7	58.7	74.3	71.0	71.7	58.3
MSB-1042	29.3	64.3	70.0	67.0	58.0	57.7
OKC1406	15.0	57.3	67.0	69.0	70.3	55.7
OKC1682	9.7	47.0	69.7	71.0	77.3	54.9
MSB-1075	11.7	58.7	61.3	67.7	65.3	52.9
LSD VALUE	35.9	29.8	27.4	23.0	16.4	17.5
C.V. (%)	66.7	20.5	15.2	12.8	11.2	13.5

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

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

TABLE 59A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMU DAGRASS CULTIVARS
AT RIVERSIDE, CA 1/
2019 DATA

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

NAME	COLOR	PERCENT ESTABLISHMENT AUGUST-DECEMBER 2019					QUALITY RATINGS		MEAN
	DECEMBER	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	NOV	DEC	
OKC1876	6.7	25.0	88.0	93.0	91.3	88.0	6.7	5.7	6.2
OKC1873	8.0	23.3	86.3	93.0	93.0	88.0	6.3	5.7	6.0
TIFTUF	6.7	28.3	93.0	93.0	97.7	96.0	6.3	5.3	5.8
MSB-1017	6.7	51.7	94.7	94.7	94.7	94.7	6.0	5.0	5.5
OKC1666	4.0	33.3	91.3	93.0	92.7	94.3	5.3	4.7	5.0
FB 1630	8.0	22.7	85.0	90.0	94.7	93.3	5.3	4.3	4.8
JSC 2013-10S	5.0	48.3	90.0	97.7	94.7	96.3	5.3	4.3	4.8
LATITUDE 36	5.3	30.0	85.0	91.7	95.0	94.7	5.3	4.3	4.8
MONACO	5.0	45.0	97.7	97.7	91.7	93.3	5.3	4.3	4.8
OKC1682	6.0	13.3	81.7	85.0	90.0	81.7	5.3	4.3	4.8
MSB-1050	5.0	45.0	93.3	97.7	95.0	94.7	4.7	4.7	4.7
FB 1628	6.7	17.3	75.0	80.0	85.0	86.7	4.7	4.3	4.5
JSC 2013-8S	5.0	55.0	96.0	97.7	94.7	97.3	5.0	4.0	4.5
FB 1903	7.0	15.0	75.0	80.0	78.3	76.7	4.7	4.0	4.3
JSC 2013-5S	4.0	38.3	96.3	96.3	96.0	96.0	4.7	4.0	4.3
TIFWAY	6.3	20.0	73.3	83.3	85.0	86.7	4.0	4.7	4.3
FB 1902	7.3	25.0	86.7	88.3	91.0	85.0	4.3	4.0	4.2
MSB-1042	6.3	46.7	93.0	93.3	96.0	94.7	4.3	4.0	4.2
RIVIERA	3.3	30.0	88.3	97.7	91.3	94.7	4.0	4.3	4.2
SUN QUEEN (PST-R6MM)	5.0	48.3	91.7	93.3	97.7	97.7	4.7	3.7	4.2
TAHOMA 31	4.3	36.7	86.7	93.0	86.7	85.0	4.3	4.0	4.2
JSC 2013-12S	4.0	36.7	91.3	96.3	96.3	96.3	4.3	3.7	4.0
JSC 80V	3.7	23.3	80.0	86.7	90.0	85.0	4.0	4.0	4.0
MSB-1075	6.3	26.0	78.3	80.0	85.0	78.3	4.0	4.0	4.0
OKS2015-3	4.0	28.3	81.7	88.0	80.0	83.3	4.3	3.7	4.0
PST-R6TM	4.3	26.7	93.3	93.3	90.0	90.0	4.3	3.7	4.0
JSC 2013-7S	3.7	56.7	93.0	96.3	94.7	96.3	4.3	3.3	3.8
JSC 77V	4.3	33.3	83.3	90.0	93.0	91.3	4.0	3.7	3.8
MSB-1026	5.0	38.3	70.0	76.7	80.0	75.0	4.3	3.3	3.8
ASTRO	4.7	41.7	85.0	93.3	96.3	88.3	4.0	3.3	3.7
COPPERHEAD (DLF-460/3048)	4.3	33.3	90.0	93.3	96.0	96.0	4.0	3.3	3.7
OKS2015-7	2.7	25.0	85.0	95.0	95.0	93.3	3.7	3.3	3.5
MSB-1048	3.7	21.7	85.0	85.0	92.7	93.0	3.3	3.3	3.3
OKC1406	4.0	15.0	76.7	76.7	80.0	76.7	3.7	3.0	3.3
OKS2015-1	2.3	20.0	81.7	94.7	91.7	93.3	3.3	3.0	3.2
LSD VALUE	1.1	19.5	13.2	8.7	20.0	13.1	1.0	1.1	0.8
C.V. (%)	14.4	34.9	8.4	5.8	8.5	7.8	13.5	15.1	12.1

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

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

TABLE 59B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
AT RIVERSIDE, CA 1/
2019 DATA

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

NAME	COLOR	PERCENT ESTABLISHMENT AUGUST-DECEMBER 2019					QUALITY RATINGS		MEAN
	DECEMBER	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	NOV	DEC	
JSC 2013-10S	5.0	48.3	90.0	97.7	94.7	96.3	5.3	4.3	4.8
MONACO	5.0	45.0	97.7	97.7	91.7	93.3	5.3	4.3	4.8
JSC 2013-8S	5.0	55.0	96.0	97.7	94.7	97.3	5.0	4.0	4.5
JSC 2013-5S	4.0	38.3	96.3	96.3	96.0	96.0	4.7	4.0	4.3
RIVIERA	3.3	30.0	88.3	97.7	91.3	94.7	4.0	4.3	4.2
SUN QUEEN (PST-R6MM)	5.0	48.3	91.7	93.3	97.7	97.7	4.7	3.7	4.2
JSC 2013-12S	4.0	36.7	91.3	96.3	96.3	96.3	4.3	3.7	4.0
OKS2015-3	4.0	28.3	81.7	88.0	80.0	83.3	4.3	3.7	4.0
PST-R6TM	4.3	26.7	93.3	93.3	90.0	90.0	4.3	3.7	4.0
JSC 2013-7S	3.7	56.7	93.0	96.3	94.7	96.3	4.3	3.3	3.8
COPPERHEAD (DLF-460/3048)	4.3	33.3	90.0	93.3	96.0	96.0	4.0	3.3	3.7
OKS2015-7	2.7	25.0	85.0	95.0	95.0	93.3	3.7	3.3	3.5
OKS2015-1	2.3	20.0	81.7	94.7	91.7	93.3	3.3	3.0	3.2
LSD VALUE	1.1	20.0	13.4	9.2	18.5	11.0	1.1	1.2	1.0
C.V. (%)	16.1	28.8	6.9	4.1	7.7	5.2	13.5	14.8	12.2

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 59C. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS AT RIVERSIDE, CA 1/ 2019 DATA

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

NAME	COLOR	PERCENT ESTABLISHMENT AUGUST-DECEMBER 2019					QUALITY RATINGS		MEAN
	DECEMBER	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	NOV	DEC	
OKC1876	6.7	25.0	88.0	93.0	91.3	88.0	6.7	5.7	6.2
OKC1873	8.0	23.3	86.3	93.0	93.0	88.0	6.3	5.7	6.0
TIFTUF	6.7	28.3	93.0	93.0	97.7	96.0	6.3	5.3	5.8
MSB-1017	6.7	51.7	94.7	94.7	94.7	94.7	6.0	5.0	5.5
OKC1666	4.0	33.3	91.3	93.0	92.7	94.3	5.3	4.7	5.0
FB 1630	8.0	22.7	85.0	90.0	94.7	93.3	5.3	4.3	4.8
LATITUDE 36	5.3	30.0	85.0	91.7	95.0	94.7	5.3	4.3	4.8
OKC1682	6.0	13.3	81.7	85.0	90.0	81.7	5.3	4.3	4.8
MSB-1050	5.0	45.0	93.3	97.7	95.0	94.7	4.7	4.7	4.7
FB 1628	6.7	17.3	75.0	80.0	85.0	86.7	4.7	4.3	4.5
FB 1903	7.0	15.0	75.0	80.0	78.3	76.7	4.7	4.0	4.3
TIFWAY	6.3	20.0	73.3	83.3	85.0	86.7	4.0	4.7	4.3
FB 1902	7.3	25.0	86.7	88.3	91.0	85.0	4.3	4.0	4.2
MSB-1042	6.3	46.7	93.0	93.3	96.0	94.7	4.3	4.0	4.2
TAHOMA 31	4.3	36.7	86.7	93.0	86.7	85.0	4.3	4.0	4.2
JSC 80V	3.7	23.3	80.0	86.7	90.0	85.0	4.0	4.0	4.0
MSB-1075	6.3	26.0	78.3	80.0	85.0	78.3	4.0	4.0	4.0
JSC 77V	4.3	33.3	83.3	90.0	93.0	91.3	4.0	3.7	3.8
MSB-1026	5.0	38.3	70.0	76.7	80.0	75.0	4.3	3.3	3.8
ASTRO	4.7	41.7	85.0	93.3	96.3	88.3	4.0	3.3	3.7
MSB-1048	3.7	21.7	85.0	85.0	92.7	93.0	3.3	3.3	3.3
OKC1406	4.0	15.0	76.7	76.7	80.0	76.7	3.7	3.0	3.3
LSD VALUE	1.1	19.8	14.9	10.5	18.8	16.2	1.0	1.0	0.8
C.V. (%)	12.1	37.5	9.1	6.7	8.6	8.9	12.8	14.1	10.8

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 60A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
AT WEST LAFAYETTE, IN 1/
2019 DATA

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

NAME	GENETIC COLOR	LEAF TEXTURE	SEEDLING VIGOR	FALL DENSITY	FALL COLOR NOVEMBER	SEEDHEAD	PERCENT AUG 8	ESTABLISHMENT AUG 30	QUALITY RATINGS		
									AUG	SEP	MEAN
LATITUDE 36	7.3	7.7	.	7.7	5.3	8.0	48.3	93.3	7.7	8.0	7.8
MSB-1042	7.7	7.0	.	7.7	5.3	7.3	58.3	94.7	7.0	8.7	7.8
OKC1876	7.3	7.3	.	8.0	6.3	8.0	66.7	92.7	7.0	8.7	7.8
FB 1628	7.7	6.7	.	7.7	6.0	7.0	41.7	85.0	7.0	8.3	7.7
JSC 2013-5S	8.0	7.0	8.0	8.0	3.3	8.0	96.3	99.0	7.3	7.7	7.5
JSC 2013-7S	7.7	6.7	7.7	8.0	2.3	6.0	91.7	96.0	7.0	8.0	7.5
MONACO	7.3	6.7	5.7	7.3	3.3	8.3	83.3	97.7	7.0	7.7	7.3
MSB-1017	7.3	7.0	.	8.0	4.7	8.0	65.0	94.5	7.0	7.7	7.3
OKC1666	6.3	7.7	.	7.7	5.0	8.3	46.7	81.7	7.3	7.3	7.3
TIFWAY	7.3	7.0	.	7.7	5.7	7.7	46.7	85.0	7.0	7.7	7.3
MSB-1026	6.7	6.3	.	7.7	5.0	8.7	73.3	93.0	7.0	7.3	7.2
OKC1873	7.0	6.3	.	7.0	5.7	8.3	38.3	86.7	7.0	7.3	7.2
OKC1406	5.7	6.0	.	7.0	4.3	6.3	38.3	91.7	7.0	7.0	7.0
TIFTUF	6.7	6.7	.	7.3	6.7	6.3	53.3	90.0	7.0	7.0	7.0
JSC 2013-10S	6.0	6.7	5.0	6.7	4.0	6.7	85.0	96.0	6.3	7.3	6.8
JSC 2013-8S	6.7	6.7	6.0	7.3	2.7	7.3	91.3	97.7	6.7	7.0	6.8
JSC 77V	7.7	6.7	.	7.0	3.7	6.0	50.0	90.0	7.0	6.7	6.8
MSB-1048	7.0	7.3	.	6.7	3.7	7.3	56.7	93.3	6.3	7.3	6.8
MSB-1050	7.3	7.0	.	8.3	5.3	8.3	66.7	99.0	5.7	8.0	6.8
TAHOMA 31	7.7	7.0	.	7.7	3.3	7.3	31.7	80.0	6.3	7.3	6.8
COPPERHEAD (DLF-460/3048)	5.3	6.3	7.0	6.7	3.7	9.0	90.0	97.7	6.3	7.0	6.7
FB 1630	7.7	5.0	.	5.3	3.3	5.7	70.0	96.3	6.7	6.7	6.7
JSC 2013-12S	6.0	6.3	6.0	7.3	4.0	7.7	81.7	91.3	6.3	7.0	6.7
JSC 80V	7.7	6.3	.	7.0	4.7	7.0	30.0	83.3	6.3	7.0	6.7
OKC1682	7.7	6.3	.	6.7	4.0	8.0	36.7	83.3	6.3	7.0	6.7
FB 1903	8.0	5.0	.	6.3	6.3	7.3	43.3	85.0	5.7	7.3	6.5
RIVIERA	6.0	6.0	6.3	7.0	4.0	8.0	83.3	93.0	6.0	7.0	6.5
OKS2015-3	6.0	6.0	4.0	6.3	3.7	8.7	86.7	94.7	6.0	6.7	6.3
OKS2015-7	6.7	6.7	3.3	5.7	2.0	8.0	88.3	99.0	6.0	6.7	6.3
PST-R6TM	5.3	5.7	7.3	6.3	3.7	9.0	91.7	97.7	6.0	6.7	6.3
FB 1902	8.0	5.0	.	5.3	3.3	8.0	58.3	88.3	6.3	6.0	6.2
SUN QUEEN (PST-R6MM)	6.3	6.3	5.7	6.3	2.7	9.0	86.7	94.7	5.7	6.7	6.2
OKS2015-1	6.0	5.7	3.7	6.0	2.7	7.3	78.3	90.0	5.7	6.3	6.0
ASTRO	6.3	6.0	.	5.7	4.0	7.0	53.3	85.0	6.0	5.7	5.8
MSB-1075	8.0	6.3	.	7.0	5.3	7.3	30.0	76.7	5.3	6.0	5.7
LSD VALUE	1.1	0.8	2.7	1.1	1.4	1.9	17.2	11.4	1.0	1.0	0.7
C.V. (%)	9.8	7.7	24.9	9.3	20.3	12.7	17.7	6.8	8.4	8.6	6.3

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 60B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
AT WEST LAFAYETTE, IN 1/
2019 DATA

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

NAME	GENETIC COLOR	LEAF TEXTURE	SEEDLING VIGOR	FALL DENSITY	FALL COLOR NOVEMBER	SEEDHEAD	PERCENT ESTABLISHMENT		QUALITY RATINGS		
							AUG 8	AUG 30	AUG	SEP	MEAN
JSC 2013-5S	8.0	7.0	8.0	8.0	3.3	8.0	96.3	99.0	7.3	7.7	7.5
JSC 2013-7S	7.7	6.7	7.7	8.0	2.3	6.0	91.7	96.0	7.0	8.0	7.5
MONACO	7.3	6.7	5.7	7.3	3.3	8.3	83.3	97.7	7.0	7.7	7.3
JSC 2013-10S	6.0	6.7	5.0	6.7	4.0	6.7	85.0	96.0	6.3	7.3	6.8
JSC 2013-8S	6.7	6.7	6.0	7.3	2.7	7.3	91.3	97.7	6.7	7.0	6.8
COPPERHEAD (DLF-460/3048)	5.3	6.3	7.0	6.7	3.7	9.0	90.0	97.7	6.3	7.0	6.7
JSC 2013-12S	6.0	6.3	6.0	7.3	4.0	7.7	81.7	91.3	6.3	7.0	6.7
RIVIERA	6.0	6.0	6.3	7.0	4.0	8.0	83.3	93.0	6.0	7.0	6.5
OKS2015-3	6.0	6.0	4.0	6.3	3.7	8.7	86.7	94.7	6.0	6.7	6.3
OKS2015-7	6.7	6.7	3.3	5.7	2.0	8.0	88.3	99.0	6.0	6.7	6.3
PST-R6TM	5.3	5.7	7.3	6.3	3.7	9.0	91.7	97.7	6.0	6.7	6.3
SUN QUEEN (PST-R6MM)	6.3	6.3	5.7	6.3	2.7	9.0	86.7	94.7	5.7	6.7	6.2
OKS2015-1	6.0	5.7	3.7	6.0	2.7	7.3	78.3	90.0	5.7	6.3	6.0
LSD VALUE	1.4	1.2	2.7	1.0	1.4	1.5	23.1	9.1	0.7	1.6	0.8
C.V. (%)	11.8	8.5	24.9	8.4	22.0	10.6	9.8	4.1	6.4	9.5	6.4

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 60C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
AT WEST LAFAYETTE, IN 1/
2019 DATA

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

NAME	GENETIC COLOR	LEAF TEXTURE	FALL DENSITY	FALL COLOR NOVEMBER	SEEDHEAD	PERCENT ESTABLISHMENT		QUALITY RATINGS		
						AUG 8	AUG 30	AUG	SEP	MEAN
LATITUDE 36	7.3	7.7	7.7	5.3	8.0	48.3	93.3	7.7	8.0	7.8
MSB-1042	7.7	7.0	7.7	5.3	7.3	58.3	94.7	7.0	8.7	7.8
OKC1876	7.3	7.3	8.0	6.3	8.0	66.7	92.7	7.0	8.7	7.8
FB 1628	7.7	6.7	7.7	6.0	7.0	41.7	85.0	7.0	8.3	7.7
MSB-1017	7.3	7.0	8.0	4.7	8.0	65.0	94.5	7.0	7.7	7.3
OKC1666	6.3	7.7	7.7	5.0	8.3	46.7	81.7	7.3	7.3	7.3
TIFWAY	7.3	7.0	7.7	5.7	7.7	46.7	85.0	7.0	7.7	7.3
MSB-1026	6.7	6.3	7.7	5.0	8.7	73.3	93.0	7.0	7.3	7.2
OKC1873	7.0	6.3	7.0	5.7	8.3	38.3	86.7	7.0	7.3	7.2
OKC1406	5.7	6.0	7.0	4.3	6.3	38.3	91.7	7.0	7.0	7.0
TIFTUF	6.7	6.7	7.3	6.7	6.3	53.3	90.0	7.0	7.0	7.0
JSC 77V	7.7	6.7	7.0	3.7	6.0	50.0	90.0	7.0	6.7	6.8
MSB-1048	7.0	7.3	6.7	3.7	7.3	56.7	93.3	6.3	7.3	6.8
MSB-1050	7.3	7.0	8.3	5.3	8.3	66.7	99.0	5.7	8.0	6.8
TAHOMA 31	7.7	7.0	7.7	3.3	7.3	31.7	80.0	6.3	7.3	6.8
FB 1630	7.7	5.0	5.3	3.3	5.7	70.0	96.3	6.7	6.7	6.7
JSC 80V	7.7	6.3	7.0	4.7	7.0	30.0	83.3	6.3	7.0	6.7
OKC1682	7.7	6.3	6.7	4.0	8.0	36.7	83.3	6.3	7.0	6.7
FB 1903	8.0	5.0	6.3	6.3	7.3	43.3	85.0	5.7	7.3	6.5
FB 1902	8.0	5.0	5.3	3.3	8.0	58.3	88.3	6.3	6.0	6.2
ASTRO	6.3	6.0	5.7	4.0	7.0	53.3	85.0	6.0	5.7	5.8
MSB-1075	8.0	6.3	7.0	5.3	7.3	30.0	76.7	5.3	6.0	5.7
LSD VALUE	1.1	0.8	1.1	1.6	2.4	23.5	15.1	1.2	0.9	0.7
C.V. (%)	8.2	7.4	9.6	19.2	14.1	25.7	7.9	9.1	7.4	6.3

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 61A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
AT COLUMBIA, MO 1/
2019 DATA

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

NAME	WINTER COLOR	PERCENT ESTABLISHMENT	QUALITY RATINGS		MEAN
			SEP	OCT	
MSB-1017	2.0	81.7	7.7	6.3	7.0
TIFTUF	6.3	75.0	6.0	7.7	6.8
JSC 2013-10S	2.7	93.3	6.7	6.7	6.7
JSC 2013-8S	2.3	93.0	6.7	6.7	6.7
TAHOMA 31	2.0	71.7	7.0	6.3	6.7
JSC 2013-12S	2.3	90.0	6.7	6.3	6.5
MONACO	2.7	94.7	7.0	6.0	6.5
MSB-1026	2.3	76.7	7.0	6.0	6.5
MSB-1042	3.3	63.3	6.3	6.7	6.5
JSC 2013-5S	1.3	86.7	7.3	5.3	6.3
JSC 2013-7S	2.0	88.3	7.7	5.0	6.3
MSB-1048	1.7	61.7	6.3	6.3	6.3
FB 1628	4.3	76.7	6.0	6.3	6.2
LATITUDE 36	3.7	83.3	6.3	6.0	6.2
MSB-1050	1.7	86.3	6.0	6.3	6.2
OKC1876	5.0	90.0	5.7	6.7	6.2
OKS2015-7	2.0	97.7	6.3	5.7	6.0
OKS2015-3	2.7	93.0	6.0	5.7	5.8
FB 1630	4.0	79.7	5.3	6.0	5.7
OKC1406	5.0	86.7	5.7	5.3	5.5
RIVIERA	3.0	73.0	5.3	5.7	5.5
COPPERHEAD (DLF-460/3048)	2.0	81.7	5.7	5.0	5.3
OKS2015-1	3.0	94.7	5.3	5.3	5.3
OKC1873	6.3	86.7	4.7	5.7	5.2
FB 1902	3.7	68.3	5.0	5.0	5.0
OKC1666	4.7	80.0	5.3	4.7	5.0
SUN QUEEN (PST-R6MM)	2.0	93.3	5.3	4.7	5.0
ASTRO	3.0	80.0	4.7	5.0	4.8
PST-R6TM	2.0	85.0	4.7	5.0	4.8
TIFWAY	6.0	81.7	4.3	5.3	4.8
MSB-1075	3.3	80.0	4.0	5.3	4.7
JSC 77V	3.0	65.0	5.3	3.7	4.5
JSC 80V	3.3	88.3	4.7	4.3	4.5
OKC1682	7.7	73.3	3.7	5.0	4.3
FB 1903	2.7	86.7	3.3	4.3	3.8
LSD VALUE	1.1	38.3	1.3	1.4	1.2
C.V. (%)	23.0	16.9	14.5	14.0	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 61B. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS AT COLUMBIA, MO 1/ 2019 DATA

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

NAME	WINTER COLOR	PERCENT ESTABLISHMENT	QUALITY RATINGS		MEAN
			SEP	OCT	
JSC 2013-10S	2.7	93.3	6.7	6.7	6.7
JSC 2013-8S	2.3	93.0	6.7	6.7	6.7
JSC 2013-12S	2.3	90.0	6.7	6.3	6.5
MONACO	2.7	94.7	7.0	6.0	6.5
JSC 2013-5S	1.3	86.7	7.3	5.3	6.3
JSC 2013-7S	2.0	88.3	7.7	5.0	6.3
OKS2015-7	2.0	97.7	6.3	5.7	6.0
OKS2015-3	2.7	93.0	6.0	5.7	5.8
RIVIERA	3.0	73.0	5.3	5.7	5.5
COPPERHEAD (DLF-460/3048)	2.0	81.7	5.7	5.0	5.3
OKS2015-1	3.0	94.7	5.3	5.3	5.3
SUN QUEEN (PST-R6MM)	2.0	93.3	5.3	4.7	5.0
PST-R6TM	2.0	85.0	4.7	5.0	4.8
LSD VALUE	1.2	19.8	1.2	2.2	1.3
C.V. (%)	24.3	9.7	11.0	16.3	11.4

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

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

TABLE 61C. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
AT COLUMBIA, MO 1/
2019 DATA

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

NAME	WINTER COLOR	PERCENT ESTABLISHMENT	QUALITY RATINGS		MEAN
			SEP	OCT	
MSB-1017	2.0	81.7	7.7	6.3	7.0
TIFTUF	6.3	75.0	6.0	7.7	6.8
TAHOMA 31	2.0	71.7	7.0	6.3	6.7
MSB-1026	2.3	76.7	7.0	6.0	6.5
MSB-1042	3.3	63.3	6.3	6.7	6.5
MSB-1048	1.7	61.7	6.3	6.3	6.3
FB 1628	4.3	76.7	6.0	6.3	6.2
LATITUDE 36	3.7	83.3	6.3	6.0	6.2
MSB-1050	1.7	86.3	6.0	6.3	6.2
OKC1876	5.0	90.0	5.7	6.7	6.2
FB 1630	4.0	79.7	5.3	6.0	5.7
OKC1406	5.0	86.7	5.7	5.3	5.5
OKC1873	6.3	86.7	4.7	5.7	5.2
FB 1902	3.7	68.3	5.0	5.0	5.0
OKC1666	4.7	80.0	5.3	4.7	5.0
ASTRO	3.0	80.0	4.7	5.0	4.8
TIFWAY	6.0	81.7	4.3	5.3	4.8
MSB-1075	3.3	80.0	4.0	5.3	4.7
JSC 77V	3.0	65.0	5.3	3.7	4.5
JSC 80V	3.3	88.3	4.7	4.3	4.5
OKC1682	7.7	73.3	3.7	5.0	4.3
FB 1903	2.7	86.7	3.3	4.3	3.8
LSD VALUE	1.3	54.2	1.6	1.1	1.2
C.V. (%)	22.2	20.7	16.9	11.9	13.1

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

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

TABLE 62A.

PERCENT ESTABLISHMENT RATINGS OF BERMUDAGRASS CULTIVARS 1/
2020 DATA 2/

NAME	AL1	MO1	MEAN
SUN QUEEN (PST-R6MM)	86.0	93.3	88.7
JSC 2013-5S	80.0	86.7	87.7
JSC 2013-8S	76.7	93.0	87.0
PST-R6TM	83.0	85.0	86.6
OKS2015-7	70.0	97.7	85.3
COPPERHEAD (DLF-460/3048)	83.0	81.7	84.9
MONACO	76.7	94.7	84.9
JSC 2013-7S	73.3	88.3	84.4
JSC 2013-10S	73.3	93.3	83.9
OKS2015-3	70.0	93.0	83.2
RIVIERA	89.7	73.0	82.0
MSB-1050	90.0	86.3	81.0
JSC 2013-12S	70.0	90.0	80.6
OKS2015-1	66.7	94.7	79.9
CELEBRATION HYBRID (MSB-1017)	76.7	81.7	74.4
OKC1876	56.7	90.0	71.1
MSB-1026	56.7	76.7	68.9
FB 1630	46.7	79.7	65.4
ASTRO	60.0	80.0	64.4
MSB-1042	70.0	63.3	63.9
TIFTUF	63.3	75.0	63.9
MSB-1048	73.3	61.7	63.9
FB 1903	53.3	86.7	61.1
FB 1628	60.0	76.7	59.4
TIFWAY	50.0	81.7	59.4
LATITUDE 36	40.0	83.3	57.2
OKC1873	43.3	86.7	56.1
TAHOMA 31	60.0	71.7	54.4
FB 1902	35.0	68.3	53.9
JSC 77V	46.7	65.0	53.9
OKC1666	30.0	80.0	52.2
JSC 80V	26.7	88.3	48.3
OKC1406	20.0	86.7	48.3
MSB-1075	26.7	80.0	45.6
OKC1682	11.7	73.3	40.6
LSD VALUE	25.9	22.2	13.0
C.V. (%)	26.9	16.7	20.3

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 62B.

PERCENT ESTABLISHMENT RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
2020 DATA 2/

NAME	AL1	MO1	MEAN
SUN QUEEN (PST-R6MM)	86.0	93.3	88.7
JSC 2013-5S	80.0	86.7	87.7
JSC 2013-8S	76.7	93.0	87.0
PST-R6TM	83.0	85.0	86.6
OKS2015-7	70.0	97.7	85.3
COPPERHEAD (DLF-460/3048)	83.0	81.7	84.9
MONACO	76.7	94.7	84.9
JSC 2013-7S	73.3	88.3	84.4
JSC 2013-10S	73.3	93.3	83.9
OKS2015-3	70.0	93.0	83.2
RIVIERA	89.7	73.0	82.0
JSC 2013-12S	70.0	90.0	80.6
OKS2015-1	66.7	94.7	79.9
LSD VALUE	23.2	15.0	10.3
C.V. (%)	18.8	10.4	13.1

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

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

TABLE 62C.

PERCENT ESTABLISHMENT RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
2020 DATA 2/

NAME	AL1	M01	MEAN
MSB-1050	90.0	86.3	81.0
CELEBRATION HYBRID (MSB-1017)	76.7	81.7	74.4
OKC1876	56.7	90.0	71.1
MSB-1026	56.7	76.7	68.9
FB 1630	46.7	79.7	65.4
ASTRO	60.0	80.0	64.4
MSB-1042	70.0	63.3	63.9
TIFTUF	63.3	75.0	63.9
MSB-1048	73.3	61.7	63.9
FB 1903	53.3	86.7	61.1
FB 1628	60.0	76.7	59.4
TIFWAY	50.0	81.7	59.4
LATITUDE 36	40.0	83.3	57.2
OKC1873	43.3	86.7	56.1
TAHOMA 31	60.0	71.7	54.4
FB 1902	35.0	68.3	53.9
JSC 77V	46.7	65.0	53.9
OKC1666	30.0	80.0	52.2
JSC 80V	26.7	88.3	48.3
OKC1406	20.0	86.7	48.3
MSB-1075	26.7	80.0	45.6
OKC1682	11.7	73.3	40.6
LSD VALUE	27.4	25.5	14.3
C.V. (%)	34.2	20.3	25.9

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

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

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR BERMUDAGRASS CULTIVARS */
2020-23 DATA

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

NAME	QUALITY MEAN 1/	MAXIMUM IN TOP 25% 2/
TIFTUF	6.4	93.3
FB 1628	6.3	80.0
LATITUDE 36	6.3	66.7
TAHOMA 31	6.3	80.0
CELEBRATION HYBRID (MSB-1017)	6.0	40.0
JSC 77V	6.0	33.3
MSB-1042	6.0	40.0
OKC1876	6.0	33.3
ASTRO	5.9	26.7
JSC 2013-10S	5.9	13.3
JSC 2013-12S	5.9	26.7
JSC 80V	5.9	40.0
MONACO	5.9	6.7
RIVIERA	5.9	26.7
TIFWAY	5.9	13.3
JSC 2013-7S	5.8	6.7
JSC 2013-8S	5.8	13.3
OKC1406	5.8	6.7
OKC1873	5.8	26.7
FB 1630	5.7	26.7
JSC 2013-5S	5.7	13.3
MSB-1026	5.7	26.7
MSB-1048	5.7	13.3
OKS2015-3	5.7	0.0
MSB-1050	5.6	20.0
OKC1682	5.6	13.3
OKS2015-1	5.6	6.7
OKS2015-7	5.6	0.0
OKC1666	5.5	6.7
COPPERHEAD (DLF-460/3048)	5.4	0.0
FB 1903	5.4	6.7
FB 1902	5.3	0.0
SUN QUEEN (PST-R6MM)	5.3	0.0
PST-R6TM	5.2	0.0
MSB-1075	4.9	0.0
LSD VALUE	0.2	
C.V. (%)	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 VALUE 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.