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.

Executive Director - Kevin N. Morris, National Turfgrass Evaluation Program, Inc.

CURRENT POLICY COMMITTEE MEMBERS:

Mr. Sean Chaney, DLF North America
Mr. Micah Gould, Barenbrug USA.
Dr. Cole Thompson, USGA Green Section
Dr. Barry Stewart, Mississippi State University
Dr. Chas Schmid, Oregon State University
Dr. Casey Reynolds, Turfgrass Producers International
Mr. Mark Johnson, Golf Course Superintendents Assoc. of America
Dr. Doug Soldat, University of Wisconsin
Mr. Austin Fricker, Pure-Seed Testing, Inc.
Dr. Mike Fidanza, Penn State University, Berks Campus
Dr. Chase Straw, Texas A&M University

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2019 National Bermudagrass Test – 2023 Data

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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 2023

State	Location	Code
California	Riverside (Drought)	CA3
Florida	Fort Lauderdale	FL5
Florida	Jay	FL3
Indiana	West Lafayette	IN1
Kansas	Wichita	KS2
Maryland	College Park	MD1
Mississippi	Mississippi State	MS1
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 (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-Seed Testing Inc.
*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.   2023 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
CA3	SANDY LOAM	7.1-7.5	0-60	241-375	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
FL3	SANDY LOAM	5.6-6.0	61-150	0-150	4.1-5.0	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	-	-	-	1.1-2.0	FULL SUN	2.6-3.0	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
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	SANDY 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	-	-	-	FULL SUN	-	TO PREVENT STRESS
NM2	SANDY LOAM	7.6-8.5	-	-	-	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
OK3	LOAM	7.1-7.5	61-150	241-375	3.1-4.0	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	PARTIAL SHADE	1.6-2.0	-
TX3	-	7.6-8.5	-	-	0.0-1.0	PARTIAL SHADE	1.6-2.0	-
VA1	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT DORMANCY

TABLE B.   LOCATIONS AND DATA COLLECTED IN 2023

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
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	X			
IN1					X	X	X	X	X					X	
KS2					X	X	X	X	X				X	X	X
MD1							X	X	X	X				X	
MS1				X	X	X	X	X	X	X			X	X	X
NC1					X	X	X	X	X	X				X	
NC2															
NM1					X	X	X	X		X			X	X	X
NM2					X	X	X	X		X			X	X	X
OK1				X	X	X	X	X	X	X			X	X	X
OK3					X	X	X	X	X	X			X	X	X
TN1					X	X	X	X	X	X	X		X	X	X
TN2															
TX2					X	X	X	X	X	X			X	X	X
TX3					X	X	X	X	X	X			X	X	X
VA1					X	X	X	X	X	X				X	

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LOCATIONS AND DATA COLLECTED IN 2023

LOCATION	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	DOLLAR SPOT	FALL COLOR SEPTEMBER	FALL COLOR OCTOBER	FALL COLOR NOVEMBER	SEEDHEAD RATINGS	SPRING DEAD SPOT	SEEDHEAD RATINGS MAY	JULY	OCTOBER	COLOR RATINGS SPR	SUM	FALL	PERCENT GROUND COVER JUL	AUG	SEP
CA3									X										X	X	X
FL3									X	X											
FL5																					
IN1												X									
KS2				X	X	X			X		X										
MD1																					
MS1		X					X				X		X	X	X						
NC1		X	X				X		X		X	X									
* NC2																					
NM1				X	X	X										X	X	X			
NM2				X	X	X										X	X	X			
OK1	X	X	X					X	X												
OK3	X	X	X					X	X												
TN1				X	X	X															
* TN2																					
* TX2																					
TX3																					
VA1								X	X	X											

* MORE DATA FOR NC2, TN2 AND TX2 IN TABLE 6, 7 AND 9.

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.

**/ 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.

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TABLE 1B.        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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*/ 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.

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TABLE 1C.              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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*/ 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.

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TABLE 2A.              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
```

*/ 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 */
                                                        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.

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.

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TABLE 3A.        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.

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            TABLE 3B.    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.

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        TABLE 3C.       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.

TURFGRASS QUALITY RATINGS OF BERMUDAGRASS CULTIVARS
GROWN AT FOUR LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE A" **
2023 DATA

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

NAME	FL5	IN1	OK1	VA1	MEAN
TAHOMA 31	5.9	5.5	6.8	6.9	6.3
LATITUDE 36	5.9	5.1	6.5	7.4	6.2
OKC1682	6.1	5.6	6.3	6.6	6.2
TIFTUF	6.0	4.6	6.1	7.3	6.0
FB 1628	6.6	4.4	6.3	6.7	6.0
JSC 77V	6.0	5.1	6.1	6.4	5.9
MSB-1042	5.4	4.4	6.1	7.6	5.9
ASTRO	5.2	5.2	5.9	7.0	5.8
OKC1666	4.6	6.3	5.7	6.7	5.8
MSB-1048	6.4	4.5	5.6	6.7	5.8
OKC1406	5.2	5.9	5.8	6.2	5.8
JSC 80V	5.0	5.2	6.0	6.8	5.8
MONACO	5.8	4.9	5.4	6.9	5.8
CELEBRATION HYBRID (MSB-1017)	6.3	4.1	5.7	6.9	5.7
RIVIERA	6.1	4.9	5.4	6.3	5.7
OKC1876	5.8	3.4	6.0	7.2	5.6
MSB-1026	5.2	5.3	5.6	6.2	5.6
JSC 2013-7S	5.0	5.4	5.1	6.6	5.5
FB 1630	6.2	5.2	4.8	5.9	5.5
COPPERHEAD (DLF-460/3048)	5.9	4.9	5.1	5.9	5.5
MSB-1050	5.4	5.4	4.5	6.4	5.4
TIFWAY	5.8	2.9	5.9	7.1	5.4
OKC1873	5.5	3.9	5.4	6.8	5.4
JSC 2013-8S	6.0	4.2	5.5	5.9	5.4
JSC 2013-10S	4.9	5.0	5.3	6.4	5.4
JSC 2013-12S	4.8	5.5	5.3	6.0	5.4
SUN QUEEN (PST-R6MM)	5.3	5.5	5.0	5.8	5.4
JSC 2013-5S	4.9	5.1	5.2	6.2	5.4
OKS2015-1	4.9	5.2	5.0	6.4	5.4
FB 1902	6.2	4.2	5.0	5.8	5.3
OKS2015-7	5.7	3.7	5.5	6.2	5.3
FB 1903	5.5	4.6	5.4	5.4	5.2
OKS2015-3	5.3	3.5	5.3	6.7	5.2
MSB-1075	5.4	5.1	4.8	5.4	5.2
PST-R6TM	4.4	5.0	5.1	6.1	5.1
LSD VALUE	1.3	1.5	0.5	0.8	0.5
C.V. (%)	14.4	18.0	5.4	7.7	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.

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TABLE 4B.                    TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
                                   GROWN AT FOUR LOCATIONS IN THE U.S.  1/
                                     MAINTAINED USING "SCHEDULE A"  **
                                            2023 DATA

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

          NAME                           FL5     IN1     OK1     VA1     MEAN

          MONACO                         5.8     4.9     5.4     6.9     5.8
          RIVIERA                        6.1     4.9     5.4     6.3     5.7
          JSC 2013-7S                    5.0     5.4     5.1     6.6     5.5
          COPPERHEAD (DLF-460/3048)      5.9     4.9     5.1     5.9     5.5
          JSC 2013-8S                    6.0     4.2     5.5     5.9     5.4
          JSC 2013-10S                   4.9     5.0     5.3     6.4     5.4
          JSC 2013-12S                   4.8     5.5     5.3     6.0     5.4
          SUN QUEEN (PST-R6MM)           5.3     5.5     5.0     5.8     5.4
          JSC 2013-5S                    4.9     5.1     5.2     6.2     5.4
          OKS2015-1                      4.9     5.2     5.0     6.4     5.4
          OKS2015-7                      5.7     3.7     5.5     6.2     5.3
          OKS2015-3                      5.3     3.5     5.3     6.7     5.2
          PST-R6TM                       4.4     5.0     5.1     6.1     5.1

          LSD VALUE                      1.5     1.4     0.2     0.8     0.6
          C.V. (%)                      17.7    17.7     2.8     8.0    12.6

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

    2/  C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
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TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN AT FOUR LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE A" **
2023 DATA

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

NAME	FL5	IN1	OK1	VA1	MEAN
TAHOMA 31	5.9	5.5	6.8	6.9	6.3
LATITUDE 36	5.9	5.1	6.5	7.4	6.2
OKC1682	6.1	5.6	6.3	6.6	6.2
TIFTUF	6.0	4.6	6.1	7.3	6.0
FB 1628	6.6	4.4	6.3	6.7	6.0
JSC 77V	6.0	5.1	6.1	6.4	5.9
MSB-1042	5.4	4.4	6.1	7.6	5.9
ASTRO	5.2	5.2	5.9	7.0	5.8
OKC1666	4.6	6.3	5.7	6.7	5.8
MSB-1048	6.4	4.5	5.6	6.7	5.8
OKC1406	5.2	5.9	5.8	6.2	5.8
JSC 80V	5.0	5.2	6.0	6.8	5.8
CELEBRATION HYBRID (MSB-1017)	6.3	4.1	5.7	6.9	5.7
OKC1876	5.8	3.4	6.0	7.2	5.6
MSB-1026	5.2	5.3	5.6	6.2	5.6
FB 1630	6.2	5.2	4.8	5.9	5.5
MSB-1050	5.4	5.4	4.5	6.4	5.4
TIFWAY	5.8	2.9	5.9	7.1	5.4
OKC1873	5.5	3.9	5.4	6.8	5.4
FB 1902	6.2	4.2	5.0	5.8	5.3
FB 1903	5.5	4.6	5.4	5.4	5.2
MSB-1075	5.4	5.1	4.8	5.4	5.2
LSD VALUE	1.1	1.6	0.6	0.8	0.5
C.V. (%)	12.4	18.1	6.3	7.6	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.

TURFGRASS QUALITY RATINGS OF BERMUDAGRASS CULTIVARS
GROWN AT SEVEN LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE B" *
2023 DATA

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

NAME	FL3	KS2	MD1	MS1	NC1	OK3	TN1	MEAN
TAHOMA 31	6.6	5.2	8.1	5.0	7.4	5.8	5.5	6.2
LATITUDE 36	6.6	6.1	7.7	5.0	6.8	5.7	5.7	6.2
TIFTUF	6.7	5.5	7.5	4.9	7.5	5.5	5.8	6.2
FB 1628	6.9	4.7	7.3	5.5	7.0	5.3	6.3	6.1
JSC 2013-12S	6.5	5.5	7.8	4.8	6.5	5.1	6.0	6.0
JSC 2013-10S	6.5	5.6	7.4	4.7	7.0	5.0	6.0	6.0
RIVIERA	6.1	5.5	7.4	4.7	7.1	5.1	6.1	6.0
TIFWAY	6.7	5.0	6.9	4.9	7.2	5.2	5.9	6.0
JSC 2013-7S	6.6	5.1	8.0	4.7	6.4	4.9	6.1	6.0
JSC 77V	6.2	5.3	7.3	5.0	6.8	5.4	5.8	6.0
MONACO	6.5	5.4	7.8	4.7	6.4	5.0	5.9	6.0
JSC 80V	6.5	5.8	6.0	5.0	7.4	5.6	5.2	5.9
OKS2015-3	5.9	5.6	7.5	4.8	6.6	5.1	6.1	5.9
JSC 2013-8S	6.3	5.5	7.5	4.7	5.8	5.0	6.3	5.9
MSB-1042	6.2	5.5	6.3	4.6	6.4	5.4	6.6	5.8
OKS2015-7	6.5	4.9	7.0	4.5	6.6	5.1	6.2	5.8
OKC1406	6.5	5.3	6.8	4.7	6.7	5.3	5.1	5.8
JSC 2013-5S	6.3	5.5	7.5	4.2	5.8	5.0	6.0	5.8
ASTRO	6.5	5.3	6.2	4.6	6.6	5.5	5.6	5.8
OKS2015-1	5.8	5.5	6.6	4.6	6.4	4.8	6.6	5.8
CELEBRATION HYBRID (MSB-1017)	6.5	4.4	7.3	5.0	5.8	4.9	6.0	5.7
OKC1876	6.4	4.7	7.2	5.1	5.2	5.1	5.5	5.6
COPPERHEAD (DLF-460/3048)	6.0	4.8	6.9	4.2	5.8	5.0	6.3	5.6
FB 1903	6.2	4.5	6.2	4.8	6.7	4.5	6.0	5.5
OKC1682	6.3	4.8	6.6	4.4	5.2	5.4	5.7	5.5
FB 1630	6.3	4.5	6.3	4.8	5.6	4.3	6.6	5.5
MSB-1026	6.6	4.1	6.8	4.9	4.7	4.8	5.8	5.4
MSB-1048	5.9	4.7	6.1	5.0	5.2	5.2	5.4	5.4
OKC1666	5.8	5.7	5.8	4.3	5.3	5.0	5.6	5.4
PST-R6TM	5.7	4.5	6.3	4.1	5.4	5.0	6.3	5.3
SUN QUEEN (PST-R6MM)	5.9	4.7	6.0	4.3	5.1	5.0	6.2	5.3
FB 1902	5.5	5.1	5.7	4.2	5.7	4.8	5.9	5.3
OKC1873	6.2	5.1	5.7	4.5	5.2	5.0	5.2	5.3
MSB-1050	6.5	3.9	5.6	5.4	5.3	4.2	5.5	5.2
MSB-1075	6.5	3.1	4.1	5.0	3.7	4.4	5.6	4.6
LSD VALUE	0.5	0.6	0.6	0.5	1.1	0.4	0.9	0.3
C.V. (%)	4.6	7.8	5.9	6.8	11.4	5.1	9.3	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.

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TABLE 5B.              TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (SEEDED CULTIVARS)
                          GROWN AT SEVEN LOCATIONS IN THE U.S.  1/
                              MAINTAINED USING "SCHEDULE B"  *
                                       2023 DATA

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

         NAME                       FL3   KS2   MD1   MS1   NC1   OK3   TN1   MEAN

         JSC 2013-12S               6.5   5.5   7.8   4.8   6.5   5.1   6.0   6.0
         JSC 2013-10S               6.5   5.6   7.4   4.7   7.0   5.0   6.0   6.0
         RIVIERA                    6.1   5.5   7.4   4.7   7.1   5.1   6.1   6.0
         JSC 2013-7S                6.6   5.1   8.0   4.7   6.4   4.9   6.1   6.0
         MONACO                     6.5   5.4   7.8   4.7   6.4   5.0   5.9   6.0
         OKS2015-3                  5.9   5.6   7.5   4.8   6.6   5.1   6.1   5.9
         JSC 2013-8S                6.3   5.5   7.5   4.7   5.8   5.0   6.3   5.9
         OKS2015-7                  6.5   4.9   7.0   4.5   6.6   5.1   6.2   5.8
         JSC 2013-5S                6.3   5.5   7.5   4.2   5.8   5.0   6.0   5.8
         OKS2015-1                  5.8   5.5   6.6   4.6   6.4   4.8   6.6   5.8
         COPPERHEAD (DLF-460/3048)  6.0   4.8   6.9   4.2   5.8   5.0   6.3   5.6
         PST-R6TM                   5.7   4.5   6.3   4.1   5.4   5.0   6.3   5.3
         SUN QUEEN (PST-R6MM)       5.9   4.7   6.0   4.3   5.1   5.0   6.2   5.3

         LSD VALUE                  0.5   0.7   0.5   0.5   1.0   0.2   0.7   0.2
         C.V. (%)                   4.9   7.8   4.4   7.1  10.2   3.1   6.6   6.7
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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.

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TABLE 5C.              TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
                              GROWN AT SEVEN LOCATIONS IN THE U.S.  1/
                                 MAINTAINED USING "SCHEDULE B"  *
                                         2023 DATA

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

        NAME                              FL3    KS2    MD1    MS1    NC1    OK3    TN1    MEAN

        TAHOMA 31                         6.6    5.2    8.1    5.0    7.4    5.8    5.5    6.2
        LATITUDE 36                       6.6    6.1    7.7    5.0    6.8    5.7    5.7    6.2
        TIFTUF                            6.7    5.5    7.5    4.9    7.5    5.5    5.8    6.2
        FB 1628                           6.9    4.7    7.3    5.5    7.0    5.3    6.3    6.1
        TIFWAY                            6.7    5.0    6.9    4.9    7.2    5.2    5.9    6.0
        JSC 77V                           6.2    5.3    7.3    5.0    6.8    5.4    5.8    6.0
        JSC 80V                           6.5    5.8    6.0    5.0    7.4    5.6    5.2    5.9
        MSB-1042                          6.2    5.5    6.3    4.6    6.4    5.4    6.6    5.8
        OKC1406                           6.5    5.3    6.8    4.7    6.7    5.3    5.1    5.8
        ASTRO                             6.5    5.3    6.2    4.6    6.6    5.5    5.6    5.8
        CELEBRATION HYBRID (MSB-1017)     6.5    4.4    7.3    5.0    5.8    4.9    6.0    5.7
        OKC1876                           6.4    4.7    7.2    5.1    5.2    5.1    5.5    5.6
        FB 1903                           6.2    4.5    6.2    4.8    6.7    4.5    6.0    5.5
        OKC1682                           6.3    4.8    6.6    4.4    5.2    5.4    5.7    5.5
        FB 1630                           6.3    4.5    6.3    4.8    5.6    4.3    6.6    5.5
        MSB-1026                          6.6    4.1    6.8    4.9    4.7    4.8    5.8    5.4
        MSB-1048                          5.9    4.7    6.1    5.0    5.2    5.2    5.4    5.4
        OKC1666                           5.8    5.7    5.8    4.3    5.3    5.0    5.6    5.4
        FB 1902                           5.5    5.1    5.7    4.2    5.7    4.8    5.9    5.3
        OKC1873                           6.2    5.1    5.7    4.5    5.2    5.0    5.2    5.3
        MSB-1050                          6.5    3.9    5.6    5.4    5.3    4.2    5.5    5.2
        MSB-1075                          6.5    3.1    4.1    5.0    3.7    4.4    5.6    4.6

        LSD VALUE                         0.5    0.6    0.7    0.5    1.2    0.5    1.0    0.3
        C.V. (%)                          4.5    7.7    6.8    6.6   12.1    6.0   10.7    8.3
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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.

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 6A.
(CONT'D)

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

NAME	OCTOBER 27 NO TRAFFIC	TRAFFIC	NOVEMBER 3 NO TRAFFIC	TRAFFIC	NOVEMBER 10 NO TRAFFIC	TRAFFIC	NOVEMBER 17 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 6B.

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

NAME	SEPTEMBER 13 NO TRAFFIC	TRAFFIC	SEPTEMBER 22 NO TRAFFIC	TRAFFIC	SEPTEMBER 29 NO TRAFFIC	TRAFFIC	OCTOBER 6 NO TRAFFIC	TRAFFIC	OCTOBER 13 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 6B.   PERCENT GROUND COVER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
(CONT'D)   GROWN UNDER TRAFFIC AT RALEIGH, NC   1/
2023 DATA 2/

NAME	OCTOBER 27 NO TRAFFIC	OCTOBER 27 TRAFFIC	NOVEMBER 3 NO TRAFFIC	NOVEMBER 3 TRAFFIC	NOVEMBER 10 NO TRAFFIC	NOVEMBER 10 TRAFFIC	NOVEMBER 17 NO TRAFFIC	NOVEMBER 17 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 6C.   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 6C.   PERCENT GROUND COVER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
(CONT'D)   GROWN UNDER TRAFFIC AT RALEIGH, NC   1/
                                             2023 DATA 2/

| | OCTOBER 27 | | NOVEMBER 3 | | NOVEMBER 10 | | NOVEMBER 17 | |
NAME	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 7A.   MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
                                        GROWN UNDER TRAFFIC STRESS AT KNOXVILLE, TN   1/
                                                        2023 DATA

                                          TURFGRASS QUALITY 1-9; 9=BEST 2/

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	4 AFTER LAST GAME 10/9	11/6	MEAN
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	.
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	.

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

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

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 WEEKS AFTER LAST GAME 9/25	4 WEEKS AFTER LAST GAME 10/9	11/6
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	48.3	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.

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 GAME 10/9	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.

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/

| | SURFACE HARDNESS DURING TRAFFIC | | | | | | VISUAL COVER DURING TRAFFIC | | | | | |
NAME	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.

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 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 7B.   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/
                                            GAME 0   GAME 5   GAME 10 GAME 15   GAME 20 GAME 25 WEEKS AFTER LAST GAME
NAME   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   MEAN

NAME	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	MEAN
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.

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/
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 WEEKS AFTER 9/25	4 LAST GAME 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.

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/

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 AFTER 9/25	2 LAST GAME 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.

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/

| | SURFACE HARDNESS DURING TRAFFIC | | | | | | VISUAL COVER DURING TRAFFIC | | | | | |
NAME	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.

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	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	GAME 0	GAME 5	SOIL MOISTURE DURING TRAFFIC			
						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 7C.   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	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 GAME 11/6	MEAN
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.

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	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 AFTER 9/25	4 LAST GAME 10/9	11/6
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.

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	WEEKS AFTER LAST GAME 9/25	10/9	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
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.

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.

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/

						SOIL MOISTURE DURING TRAFFIC			
NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	GAME 0	GAME 5	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
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 8A.
MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER DROUGHT STRESS AT RIVERSIDE, CA   1/
2023 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	COLOR OCTOBER	PERCENT COVER RATINGS JULY	AUGUST	SEPTEMBER	JAN	FEB	MAR	APR	QUALITY RATINGS MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
TIFTUF	6.7	6.0	6.7	6.3	96.3	88.0	76.0	5.7	5.0	5.7	7.0	6.7	6.7	7.3	6.7	6.7	7.0	6.7	6.7	6.5
FB 1628	8.0	6.7	7.0	6.0	88.0	79.3	63.3	5.3	5.0	6.0	6.7	6.7	6.7	8.0	6.7	5.0	6.3	6.0	6.3	6.2
OKC1876	7.0	5.0	7.0	5.3	91.7	81.7	77.0	5.0	4.3	4.7	6.7	7.3	6.7	6.7	7.0	5.0	6.3	6.0	6.0	6.0
TIFWAY	6.7	6.0	6.7	6.3	81.3	61.3	45.7	5.0	4.7	4.7	6.3	5.3	5.3	8.0	7.0	4.3	7.0	6.3	6.3	5.9
MSB-1075	9.0	4.7	7.0	6.0	95.7	85.3	76.0	4.7	4.0	4.0	5.3	6.7	6.0	6.7	6.7	5.3	6.0	5.7	5.7	5.6
FB 1903	7.7	3.7	5.3	7.3	92.7	86.3	66.3	4.3	3.0	3.7	4.0	4.3	5.3	7.0	6.3	6.0	8.0	7.0	7.0	5.5
FB 1902	7.0	6.0	5.7	6.0	65.3	82.3	67.0	5.0	4.3	5.0	5.3	5.3	5.3	5.3	5.7	4.3	6.0	6.0	5.3	5.3
OKC1873	6.7	5.3	6.3	5.7	74.3	71.3	57.3	4.0	4.0	5.0	4.7	5.7	6.3	5.0	6.0	4.3	6.3	6.0	5.7	5.3
CELEBRATION HYBRID (MSB-1017)	7.3	4.0	7.0	5.3	96.0	90.3	62.0	4.0	2.7	3.3	4.7	7.0	7.0	7.0	6.3	5.0	5.3	5.0	5.0	5.2
MSB-1042	6.0	5.0	7.0	5.7	87.3	82.7	63.3	4.3	3.7	4.0	5.3	6.0	6.0	5.3	5.3	4.0	6.7	5.7	5.7	5.2
TAHOMA 31	7.7	3.7	6.7	4.7	93.7	81.0	57.0	3.3	2.0	3.3	5.3	6.7	7.0	7.7	7.3	3.7	5.3	5.7	5.3	5.2
FB 1630	6.3	6.7	5.3	4.7	84.3	71.7	68.3	5.3	5.0	4.7	4.7	5.3	5.0	6.0	5.3	3.3	5.7	5.3	5.3	5.1
MSB-1048	7.0	2.0	7.0	4.3	90.3	63.7	30.0	3.0	2.3	2.7	5.0	8.0	7.0	7.0	6.0	4.3	5.3	5.3	5.0	5.1
MSB-1050	9.0	2.0	8.0	5.7	98.0	89.3	71.7	3.3	2.3	2.0	4.0	5.3	6.0	7.0	7.0	5.7	6.0	5.7	6.0	5.0
JSC 2013-5S	7.0	4.3	4.3	4.0	88.3	79.0	51.7	2.7	2.3	3.3	5.3	5.7	5.7	6.0	6.3	4.3	5.0	5.0	4.7	4.7
MSB-1026	9.0	2.7	6.3	5.7	88.0	83.7	71.0	2.0	1.3	2.3	4.0	5.7	5.3	6.3	6.3	4.3	6.3	6.0	5.3	4.6
JSC 2013-12S	6.7	3.7	4.7	4.3	91.7	81.0	48.0	3.0	2.0	2.7	5.0	6.0	5.7	6.7	5.7	3.7	4.7	4.7	4.3	4.5
OKC1682	8.0	3.3	6.7	4.0	83.7	69.3	47.3	3.0	2.3	2.7	5.0	7.7	7.0	6.0	4.7	2.3	4.3	4.3	4.7	4.5
JSC 2013-10S	7.7	4.3	4.7	4.0	93.7	85.0	53.7	2.7	2.0	3.0	5.0	5.7	5.7	6.7	6.0	3.0	4.3	4.7	4.3	4.4
LATITUDE 36	6.7	4.7	7.0	4.0	77.0	51.0	32.7	2.7	3.3	3.7	3.3	5.3	5.7	7.0	6.3	2.0	4.0	4.7	4.7	4.4
MONACO	7.3	3.0	4.3	4.0	90.7	73.7	45.0	3.0	2.0	2.7	4.0	4.7	5.3	6.3	6.3	3.0	4.7	4.7	4.0	4.3
OKC1406	6.0	3.7	7.0	4.3	67.7	60.7	53.0	2.7	2.3	2.7	4.0	4.3	4.7	6.0	6.0	3.0	4.7	4.7	5.3	4.2
ASTRO	5.7	4.3	6.3	4.0	85.7	74.7	48.0	2.7	3.3	3.0	3.7	4.7	5.7	5.7	5.0	3.0	4.3	4.0	4.3	4.1
OKS2015-1	7.0	2.3	3.7	4.3	80.7	70.3	42.7	2.7	1.7	2.3	4.3	4.7	4.7	5.3	5.3	3.7	5.0	4.3	4.3	4.1
JSC 2013-8S	6.7	3.3	3.7	4.0	82.7	58.0	33.3	2.7	2.0	2.7	3.7	4.3	5.0	5.7	5.3	3.3	4.3	4.7	4.0	3.9
JSC 2013-7S	6.7	2.7	4.0	4.0	69.7	59.0	37.3	2.0	2.0	2.3	4.0	4.7	4.7	5.7	5.3	3.7	4.3	4.0	3.7	3.9
OKS2015-3	6.0	3.7	4.0	4.0	60.3	41.7	15.7	2.7	2.0	2.7	4.3	4.3	5.0	5.3	5.3	2.3	4.3	4.0	4.0	3.9
RIVIERA	5.7	3.0	4.3	4.0	75.0	58.0	24.0	2.7	2.0	2.7	4.3	5.3	5.3	5.7	5.0	2.7	4.0	4.0	3.7	3.9
COPPERHEAD (DLF-460/3048)	5.7	3.7	3.0	4.3	70.3	75.3	41.7	2.7	2.0	2.7	3.7	4.0	4.0	5.3	5.0	3.7	4.3	4.0	4.3	3.8
JSC 80V	5.7	3.7	6.0	4.0	85.3	60.7	34.0	2.3	1.7	2.7	3.7	5.0	4.7	5.0	4.3	3.0	4.3	4.3	4.3	3.8
PST-R6TM	5.0	3.3	4.0	4.3	75.7	76.7	48.3	2.3	2.0	2.3	3.7	3.7	4.3	5.3	5.7	4.0	4.7	3.7	4.0	3.8
JSC 77V	5.7	2.7	6.7	4.0	27.0	31.0	20.0	2.0	1.7	2.3	4.3	5.0	5.3	5.0	5.0	2.3	3.7	3.3	4.0	3.7
OKC1666	6.7	2.3	7.0	4.7	82.7	80.7	48.0	2.0	1.3	2.0	3.3	4.7	5.7	4.7	4.7	2.7	3.7	4.0	4.7	3.6
OKS2015-7	6.3	2.7	4.0	3.7	73.3	64.3	44.3	2.3	1.3	2.3	4.0	4.3	4.3	5.7	4.7	2.7	4.0	3.7	3.3	3.6
SUN QUEEN (PST-R6MM)	5.7	3.0	3.7	4.0	49.3	58.7	34.7	2.7	2.7	2.7	3.7	3.7	4.0	5.0	4.7	3.0	4.0	3.7	3.3	3.6
LSD VALUE	0.9	1.1	0.9	1.1	11.7	14.3	16.2	0.8	0.8	0.9	1.0	1.3	1.1	0.8	1.0	1.1	1.0	0.9	0.9	0.5
C.V. (%)	8.9	18.5	10.5	14.9	9.6	12.8	20.8	16.7	19.4	18.1	14.1	15.3	12.2	8.7	10.7	18.5	12.2	11.5	11.5	7.0

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

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

TABLE 8B.

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MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER DROUGHT STRESS AT RIVERSIDE, CA   1/
2023 DATA

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

</div>

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	COLOR OCTOBER	PERCENT COVER RATINGS JULY	AUGUST	SEPTEMBER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
JSC 2013-5S	7.0	4.3	4.3	4.0	88.3	79.0	51.7	2.7	2.3	3.3	5.3	5.7	5.7	6.0	6.3	4.3	5.0	5.0	4.7	4.7
JSC 2013-12S	6.7	3.7	4.7	4.3	91.7	81.0	48.0	3.0	2.0	2.7	5.0	6.0	5.7	6.7	5.7	3.7	4.7	4.7	4.3	4.5
JSC 2013-10S	7.7	4.3	4.7	4.0	93.7	85.0	53.7	2.7	2.0	3.0	5.0	5.7	5.7	6.7	6.0	3.0	4.3	4.7	4.3	4.4
MONACO	7.3	3.0	4.3	4.0	90.7	73.7	45.0	3.0	2.0	2.7	4.0	4.7	5.7	6.3	6.3	3.0	4.7	4.7	4.0	4.3
OKS2015-1	7.0	2.3	3.7	4.3	80.7	70.3	42.7	2.7	1.7	2.3	4.3	4.7	4.7	5.7	5.3	3.7	5.0	4.3	4.3	4.1
JSC 2013-8S	6.7	3.3	3.7	4.0	82.7	58.0	33.3	2.7	2.0	2.7	3.7	4.3	5.0	5.7	5.3	3.3	4.3	4.7	4.0	4.0
JSC 2013-7S	6.7	2.7	4.0	4.0	69.7	59.0	37.3	2.0	2.0	2.3	4.0	4.7	4.7	5.7	5.3	3.7	4.3	4.0	3.7	3.9
OKS2015-3	6.0	3.7	4.0	4.0	60.3	41.7	15.7	2.7	2.0	2.7	4.3	4.3	5.0	5.3	5.3	2.3	4.3	4.0	4.0	3.9
RIVIERA	5.7	3.0	4.3	4.0	75.0	58.0	24.0	2.7	2.0	2.7	4.3	5.3	5.3	5.7	5.0	2.7	4.0	4.0	3.7	3.9
COPPERHEAD (DLF-460/3048)	5.7	3.7	3.0	4.3	70.3	75.3	41.7	2.7	2.0	2.7	3.7	4.0	4.0	5.3	5.0	3.7	4.3	4.0	4.3	3.8
PST-R6TM	5.0	3.3	4.0	4.3	75.7	76.7	48.3	2.3	2.0	2.3	3.7	3.7	4.3	5.3	5.7	4.0	4.7	3.7	4.0	3.8
OKS2015-7	6.3	2.7	4.0	3.7	73.3	64.3	44.3	2.3	1.3	2.3	4.0	4.3	4.3	5.7	4.7	2.7	4.0	3.7	3.3	3.6
SUN QUEEN (PST-R6MM)	5.7	3.0	3.7	4.0	49.3	58.7	34.7	2.7	2.7	2.7	3.7	3.7	4.0	5.0	4.7	3.0	4.0	3.7	3.3	3.6
LSD VALUE	1.1	1.4	1.9	2.4	13.0	19.1	16.4	1.5	0.7	1.6	1.2	1.4	1.2	1.1	1.1	2.1	1.4	1.4	1.3	0.5
C.V. (%)	9.9	21.0	18.0	17.5	10.3	15.7	23.1	19.9	16.7	21.6	14.4	15.8	13.0	9.5	10.6	26.1	12.3	14.6	13.9	6.7

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

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

TABLE 8C.   MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
                                             GROWN UNDER DROUGHT STRESS AT RIVERSIDE, CA   1/
                                                                2023 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	COLOR OCTOBER	PERCENT COVER RATINGS JULY	AUGUST	SEPTEMBER	QUALITY RATINGS JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
TIFTUF	6.7	6.0	6.7	6.3	96.3	88.0	76.0	5.7	5.0	5.7	7.0	6.7	6.7	7.3	6.7	6.7	7.0	6.7	6.7	6.5
FB 1628	8.0	6.7	7.0	6.0	88.0	79.3	63.3	5.3	5.0	6.0	6.7	6.7	6.7	8.0	6.7	5.0	6.3	6.0	6.3	6.2
OKC1876	7.0	5.0	7.0	5.3	91.7	81.7	77.0	5.0	4.3	4.7	6.7	7.3	6.7	6.7	7.0	5.0	6.3	6.0	6.0	6.0
TIFWAY	6.7	6.0	6.7	6.3	81.3	61.3	45.7	5.0	4.7	4.7	6.3	5.3	5.3	8.0	7.0	4.3	7.0	6.3	6.3	5.9
MSB-1075	9.0	4.7	7.0	6.0	95.7	85.3	76.0	4.7	4.0	4.0	5.3	6.7	6.0	6.7	6.7	5.3	6.0	5.7	5.7	5.6
FB 1903	7.7	3.7	5.3	7.3	92.7	86.3	66.3	4.3	3.0	3.7	4.0	4.3	5.3	7.0	6.3	6.0	8.0	7.0	7.0	5.5
FB 1902	7.0	6.0	5.7	6.0	65.3	82.3	67.0	5.0	4.3	5.0	5.3	5.3	5.3	5.3	5.7	4.3	6.3	6.0	6.0	5.3
OKC1873	6.7	5.3	6.3	5.7	74.3	71.3	57.3	4.0	4.0	5.0	4.7	5.7	6.3	5.0	6.0	4.3	6.3	6.0	5.7	5.3
CELEBRATION HYBRID (MSB-1017)	7.3	4.0	7.0	5.3	96.0	90.3	62.0	4.0	2.7	3.3	4.7	7.0	7.0	7.0	6.3	5.0	5.3	5.0	5.0	5.2
MSB-1042	6.0	5.0	7.0	5.7	87.3	82.7	63.3	4.3	3.7	4.0	5.3	6.0	6.0	5.3	5.3	4.0	6.7	5.7	5.7	5.2
TAHOMA 31	7.7	3.7	6.7	4.7	93.7	81.0	57.0	3.3	2.0	3.3	5.3	6.7	7.0	7.7	7.3	3.7	5.3	5.7	5.3	5.2
FB 1630	6.3	6.7	5.3	4.7	84.3	71.7	68.3	5.3	5.0	4.7	4.7	5.3	5.0	6.0	5.3	3.3	5.7	5.3	5.3	5.1
MSB-1048	7.0	2.0	7.0	4.3	90.3	63.7	30.0	3.0	2.3	2.7	5.0	8.0	7.0	7.0	6.0	4.3	5.3	5.3	5.0	5.1
MSB-1050	9.0	2.0	8.0	5.7	98.0	89.3	71.7	3.3	2.3	2.0	4.0	5.3	6.0	7.0	7.0	5.7	6.0	5.7	6.0	5.0
MSB-1026	9.0	2.7	6.3	5.7	88.0	83.7	71.0	2.0	1.3	2.3	4.0	5.7	5.3	6.3	6.3	4.3	6.3	6.0	5.3	4.6
OKC1682	8.0	3.3	6.7	4.0	83.7	69.3	47.3	3.0	2.3	2.7	5.0	7.7	7.0	6.0	4.7	2.3	4.3	4.3	4.7	4.5
LATITUDE 36	6.7	4.7	7.0	4.0	77.0	51.0	32.7	2.7	3.3	3.7	3.3	5.3	5.7	7.0	6.3	2.0	4.0	4.7	4.7	4.4
OKC1406	6.0	3.7	7.0	4.3	67.7	60.7	53.0	2.7	2.3	2.7	4.0	4.3	4.7	6.0	6.0	3.0	4.7	4.7	5.3	4.2
ASTRO	5.7	4.3	6.3	4.0	85.7	74.7	48.0	2.7	3.3	3.0	3.7	4.7	5.7	5.7	5.0	3.0	4.3	4.0	4.3	4.1
JSC 80V	5.7	3.7	6.0	4.0	85.3	60.7	34.0	2.3	1.7	2.7	3.7	5.0	4.7	5.0	4.3	3.0	4.3	4.3	4.3	3.8
JSC 77V	5.7	2.7	6.7	4.0	27.0	31.0	20.0	2.0	1.7	2.3	4.3	5.0	5.3	5.0	2.3	3.7	3.3	4.0	3.7	3.7
OKC1666	6.7	2.3	7.0	4.7	82.7	80.7	48.0	2.0	1.3	2.0	3.3	4.7	5.7	4.7	4.7	2.7	3.7	4.0	4.7	3.6
LSD VALUE	0.9	1.2	0.9	1.2	9.9	8.6	13.7	0.8	0.9	0.9	1.0	1.4	1.1	0.8	1.0	0.9	1.0	0.8	0.9	0.5
C.V. (%)	8.5	17.5	7.7	13.6	7.9	7.7	15.8	14.4	19.2	16.9	13.5	14.1	11.2	8.4	10.7	14.3	12.0	10.0	10.1	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 9A.   MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
                            GROWN UNDER DROUGHT STRESS AT COLLEGE STATION, TX   1/
                                             2023 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | QUALITY RATINGS | | | | | | | |
				APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
TIFTUF	7.7	5.3	7.3	5.7	6.0	5.7	6.0	2.0	3.0	4.7	4.7
JSC 2013-12S	7.0	4.0	6.0	5.0	5.5	5.0	5.5	2.0	4.5	5.0	4.6
CELEBRATION HYBRID (MSB-1017)	7.0	3.7	7.3	4.3	5.3	5.0	5.7	1.7	3.3	4.7	4.3
MSB-1042	6.7	6.0	7.7	5.0	5.7	5.0	5.7	1.0	3.0	4.0	4.2
COPPERHEAD (DLF-460/3048)	7.3	5.0	5.7	4.7	4.7	4.3	5.3	2.0	4.0	4.0	4.1
JSC 2013-10S	7.0	5.7	5.3	3.7	4.7	4.7	5.3	2.0	4.3	4.3	4.1
LATITUDE 36	7.0	4.3	7.7	4.3	5.7	4.7	5.3	1.0	3.3	4.3	4.1
JSC 77V	6.7	4.7	7.7	4.7	5.0	5.0	5.0	1.0	3.3	4.0	4.0
MSB-1048	7.0	4.3	7.7	4.0	5.0	4.7	5.7	1.3	3.0	4.0	4.0
OKC1682	7.0	5.0	7.7	4.3	5.0	4.7	5.7	1.0	3.3	4.3	4.0
OKS2015-3	7.0	4.0	4.3	4.0	4.7	4.3	5.3	1.3	4.0	4.0	4.0
ASTRO	6.7	4.3	6.7	3.7	4.7	4.7	5.0	1.3	4.0	4.0	3.9
TIFWAY	8.0	5.3	7.3	4.3	4.7	4.3	5.3	1.7	3.0	3.7	3.9
JSC 80V	7.0	5.7	7.7	4.0	5.0	5.0	4.7	1.0	3.3	3.3	3.8
SUN QUEEN (PST-R6MM)	7.0	4.3	6.3	3.7	4.3	4.7	5.0	1.0	4.0	4.0	3.8
FB 1628	6.7	4.3	6.0	4.0	5.3	4.7	4.7	1.0	2.7	3.3	3.7
MSB-1050	6.7	2.7	8.3	3.0	4.7	4.3	5.7	1.0	3.0	4.0	3.7
FB 1902	8.0	3.7	7.3	4.0	4.3	4.0	4.7	1.0	2.7	4.0	3.5
JSC 2013-5S	7.0	4.3	5.3	3.7	4.3	4.0	5.0	1.0	3.3	3.3	3.5
JSC 2013-7S	6.7	3.3	5.3	3.0	4.3	3.7	4.7	1.3	3.7	3.7	3.5
TAHOMA 31	6.7	3.7	7.3	3.7	5.0	4.7	5.3	1.0	2.0	3.0	3.5
JSC 2013-8S	7.0	3.0	6.0	4.0	4.0	3.7	4.7	1.3	3.3	3.0	3.4
OKC1666	7.0	5.7	8.7	3.7	4.3	3.7	4.7	1.3	2.7	3.3	3.4
FB 1903	8.0	4.7	6.7	3.7	4.0	3.7	4.0	1.7	2.7	2.7	3.2
OKS2015-7	7.0	5.3	6.0	3.3	4.0	4.0	4.7	1.0	2.7	3.0	3.2
PST-R6TM	8.0	3.5	5.0	3.5	3.5	3.5	4.0	1.0	3.0	3.0	3.1
MONACO	7.3	3.3	5.0	3.3	3.7	3.7	4.3	1.0	2.7	2.7	3.0
MSB-1075	7.7	2.7	8.3	3.0	4.3	4.0	4.3	1.0	2.3	2.3	3.0
OKC1406	8.0	5.7	8.3	3.0	4.3	3.3	3.7	1.0	2.7	2.7	3.0
OKC1873	8.0	5.3	7.7	3.3	3.7	3.3	4.0	1.3	2.3	3.3	3.0
OKC1876	7.7	5.0	8.0	2.7	3.3	3.3	4.7	1.7	2.3	3.0	3.0
OKS2015-1	7.7	3.7	5.0	2.7	3.3	3.3	3.7	1.7	2.7	2.7	2.9
RIVIERA	7.3	3.0	5.3	3.0	2.7	3.0	3.3	2.0	3.0	3.0	2.9
FB 1630	6.7	3.0	6.0	2.7	3.7	4.0	4.0	1.0	1.7	2.7	2.8
MSB-1026	7.7	3.0	7.3	2.7	3.3	3.3	3.7	1.3	1.7	2.7	2.7
LSD VALUE	0.7	1.9	1.2	2.1	1.7	1.6	1.5	1.3	2.1	2.3	1.2
C.V. (%)	5.6	23.9	10.9	24.8	19.2	17.9	15.8	38.1	29.0	26.1	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.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER DROUGHT STRESS AT COLLEGE STATION, TX   1/
2023 DATA

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

| | | | LEAF FIRING | | | |
NAME	1 WEEK	2 WEEK	3 WEEK	4 WEEK	5 WEEK	6 WEEK
TIFTUF	3.7	3.3	3.0	2.0	1.7	1.3
JSC 2013-12S	4.5	4.0	3.5	2.0	2.0	1.0
CELEBRATION HYBRID (MSB-1017)	3.0	3.3	2.7	1.7	1.7	1.3
MSB-1042	3.3	2.7	1.3	1.0	1.0	1.0
COPPERHEAD (DLF-460/3048)	4.3	2.7	2.3	2.0	2.3	1.7
JSC 2013-10S	3.7	2.3	2.3	2.0	1.7	1.3
LATITUDE 36	3.0	2.0	1.0	1.0	1.0	1.0
JSC 77V	3.3	2.0	1.3	1.0	1.0	1.0
MSB-1048	4.0	3.0	1.7	1.3	1.0	1.0
OKC1682	4.7	2.7	1.0	1.0	1.0	1.0
OKS2015-3	5.0	3.7	1.7	1.3	1.0	1.0
ASTRO	3.0	2.7	1.3	1.3	1.3	1.0
TIFWAY	4.0	2.7	2.3	1.7	1.7	1.3
JSC 80V	2.7	2.0	1.3	1.0	1.0	1.0
SUN QUEEN (PST-R6MM)	4.0	3.3	2.3	1.0	1.0	1.0
FB 1628	2.0	2.0	1.3	1.0	1.0	1.0
MSB-1050	3.7	3.0	1.0	1.0	1.0	1.0
FB 1902	4.3	4.0	3.0	1.3	1.0	1.0
JSC 2013-5S	3.0	2.3	1.7	1.3	1.3	1.0
JSC 2013-7S	3.3	3.0	1.7	1.3	1.0	1.0
TAHOMA 31	2.0	2.0	1.3	1.0	1.0	1.0
JSC 2013-8S	3.0	2.0	1.7	1.3	1.0	1.0
OKC1666	2.0	2.0	1.0	1.0	1.0	1.0
FB 1903	4.0	3.0	2.3	1.7	1.7	1.0
OKS2015-7	3.7	2.7	1.3	1.0	1.0	1.0
PST-R6TM	4.0	2.5	1.5	1.0	1.0	1.0
MONACO	3.3	2.0	1.0	1.0	1.0	1.0
MSB-1075	2.3	2.3	1.3	1.3	1.3	1.0
OKC1406	3.0	1.7	1.0	1.0	1.0	1.0
OKC1873	3.7	3.0	2.3	1.7	1.3	1.0
OKC1876	3.0	2.7	1.7	1.7	1.3	1.0
OKS2015-1	4.0	3.0	1.7	1.7	1.7	1.0
RIVIERA	3.7	3.0	2.0	1.7	1.3	1.0
FB 1630	1.7	1.0	1.0	1.0	1.0	1.0
MSB-1026	4.3	2.3	1.0	1.0	1.0	1.0
LSD VALUE	2.5	1.6	2.0	1.5	1.1	0.6
C.V. (%)	30.7	28.9	49.6	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.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER DROUGHT STRESS AT COLLEGE STATION, TX   1/
2023 DATA

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

| | COLOR RETENTION WEEK 1-6 | | | | | | RECOVERY RATINGS | |
NAME	1 WEEK	2 WEEK	3 WEEK	4 WEEK	5 WEEK	6 WEEK	18 DAYS	46 DAYS
TIFTUF	3.7	3.3	2.7	2.3	1.7	1.3	2.3	5.3
JSC 2013-12S	4.5	3.0	3.0	2.0	2.0	1.0	4.5	6.0
CELEBRATION HYBRID (MSB-1017)	3.3	3.0	2.0	1.7	1.7	1.3	3.7	5.3
MSB-1042	3.3	2.3	1.3	1.0	1.0	1.0	3.7	5.0
COPPERHEAD (DLF-460/3048)	4.7	2.7	2.0	2.0	2.0	1.7	4.0	4.7
JSC 2013-10S	4.3	3.0	2.0	2.0	1.7	1.3	6.0	5.3
LATITUDE 36	3.3	2.3	1.3	1.0	1.0	1.0	3.0	4.7
JSC 77V	3.3	1.7	2.0	1.7	1.0	1.0	3.7	5.0
MSB-1048	3.3	2.7	2.0	1.3	1.0	1.0	3.0	4.3
OKC1682	3.7	2.3	1.0	1.0	1.0	1.0	4.0	6.0
OKS2015-3	5.3	3.3	2.3	1.3	1.3	1.0	4.3	5.3
ASTRO	3.0	2.3	1.7	1.7	1.3	1.0	4.0	4.7
TIFWAY	5.0	3.0	2.7	1.7	2.0	1.3	3.0	4.0
JSC 80V	2.7	2.3	1.7	1.0	1.0	1.0	3.7	4.7
SUN QUEEN (PST-R6MM)	4.0	3.0	2.3	1.0	1.0	1.0	4.7	5.0
FB 1628	2.0	2.0	1.3	1.0	1.0	1.0	3.0	4.0
MSB-1050	3.0	2.7	1.7	1.3	1.0	1.0	3.0	4.7
FB 1902	4.3	3.0	2.3	1.0	1.0	1.0	3.3	4.3
JSC 2013-5S	3.0	2.3	1.7	1.3	1.3	1.0	3.7	4.7
JSC 2013-7S	3.3	2.7	1.7	1.3	1.3	1.0	4.3	4.7
TAHOMA 31	3.0	2.0	1.3	1.0	1.0	1.0	2.0	3.7
JSC 2013-8S	3.0	2.0	1.7	1.7	1.3	1.0	3.0	4.7
OKC1666	2.0	2.0	1.0	1.0	1.0	1.0	2.0	4.0
FB 1903	4.0	2.3	2.7	1.7	1.3	1.0	2.3	2.7
OKS2015-7	3.7	2.7	1.7	1.0	1.0	1.0	3.3	3.3
PST-R6TM	4.0	2.0	1.5	1.0	1.0	1.0	3.0	3.5
MONACO	3.3	2.3	1.7	1.0	1.0	1.0	1.7	3.3
MSB-1075	2.0	2.7	1.7	1.0	1.3	1.0	2.3	3.0
OKC1406	3.7	1.7	1.3	1.0	1.0	1.0	2.7	3.7
OKC1873	4.3	3.0	2.7	1.3	1.3	1.0	2.7	4.0
OKC1876	3.3	2.3	2.0	1.7	1.3	1.0	2.7	3.3
OKS2015-1	4.0	3.0	2.3	1.7	1.7	1.0	3.0	3.7
RIVIERA	3.7	3.0	2.0	2.0	1.3	1.0	3.0	3.3
FB 1630	1.7	1.3	1.0	1.0	1.0	1.0	1.7	3.7
MSB-1026	4.3	2.3	1.0	1.0	1.0	1.0	2.0	3.3
LSD VALUE	2.7	1.9	1.6	1.3	1.3	0.6	2.0	2.3
C.V. (%)	31.8	28.0	36.6	39.1	36.4	20.7	31.6	23.6

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 9B.   MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
                            GROWN UNDER DROUGHT STRESS AT COLLEGE STATION, TX   1/
                                              2023 DATA

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

| | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | QUALITY RATINGS | | | | | | | |
				APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
NAME											
JSC 2013-12S	7.0	4.0	6.0	5.0	5.5	5.0	5.5	2.0	4.5	5.0	4.6
COPPERHEAD (DLF-460/3048)	7.3	5.0	5.7	4.7	4.7	4.3	5.3	2.0	4.0	4.0	4.1
JSC 2013-10S	7.0	5.7	5.3	3.7	4.7	4.7	5.3	2.0	4.3	4.3	4.1
OKS2015-3	7.0	4.0	4.3	4.0	4.7	4.3	5.3	1.3	4.0	4.0	4.0
SUN QUEEN (PST-R6MM)	7.0	4.3	6.3	3.7	4.3	4.7	5.0	1.0	4.0	4.0	3.8
JSC 2013-5S	7.0	4.3	5.3	3.7	4.3	4.0	5.0	1.0	3.3	3.3	3.5
JSC 2013-7S	6.7	3.3	5.3	3.0	4.3	3.7	4.7	1.3	3.7	3.7	3.5
JSC 2013-8S	7.0	3.0	6.0	4.0	4.0	3.7	4.7	1.3	3.3	3.0	3.4
OKS2015-7	7.0	5.3	6.0	3.3	4.0	4.0	4.7	1.0	2.7	3.0	3.2
PST-R6TM	8.0	3.5	5.0	3.5	3.5	3.5	4.0	1.0	3.0	3.0	3.1
MONACO	7.3	3.3	5.0	3.3	3.7	3.7	4.3	1.0	2.7	2.7	3.0
OKS2015-1	7.7	3.7	5.0	2.7	3.3	3.3	3.7	1.7	2.7	2.7	2.9
RIVIERA	7.3	3.0	5.3	3.0	2.7	3.0	3.3	2.0	3.0	3.0	2.9
LSD VALUE	0.8	2.0	2.4	3.1	3.1	2.5	2.2	1.1	2.3	2.4	2.0
C.V. (%)	5.1	23.3	16.2	29.4	26.6	22.3	19.1	35.1	25.4	26.6	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.

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

| | LEAF FIRING | | | | | |
NAME	1 WEEK	2 WEEK	3 WEEK	4 WEEK	5 WEEK	6 WEEK
JSC 2013-12S	4.5	4.0	3.5	2.0	2.0	1.0
COPPERHEAD (DLF-460/3048)	4.3	2.7	2.3	2.0	2.3	1.7
JSC 2013-10S	3.7	2.3	2.3	2.0	1.7	1.3
OKS2015-3	5.0	3.7	1.7	1.3	1.0	1.0
SUN QUEEN (PST-R6MM)	4.0	3.3	2.3	1.0	1.0	1.0
JSC 2013-5S	3.0	2.3	1.7	1.3	1.3	1.0
JSC 2013-7S	3.3	3.0	1.7	1.3	1.0	1.0
JSC 2013-8S	3.0	2.0	1.7	1.3	1.0	1.0
OKS2015-7	3.7	2.7	1.3	1.0	1.0	1.0
PST-R6TM	4.0	2.5	1.5	1.0	1.0	1.0
MONACO	3.3	2.0	1.0	1.0	1.0	1.0
OKS2015-1	4.0	3.0	1.7	1.7	1.7	1.0
RIVIERA	3.7	3.0	2.0	1.7	1.3	1.0
LSD VALUE	2.0	1.7	1.9	1.5	0.7	0.5
C.V. (%)	21.1	25.7	39.6	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.

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

| | COLOR RETENTION WEEK 1-6 | | | | | | RECOVERY RATINGS | |
NAME	1 WEEK	2 WEEK	3 WEEK	4 WEEK	5 WEEK	6 WEEK	18 DAYS	46 DAYS
JSC 2013-12S	4.5	3.0	3.0	2.0	2.0	1.0	4.5	6.0
COPPERHEAD (DLF-460/3048)	4.7	2.7	2.0	2.0	2.0	1.7	4.0	4.7
JSC 2013-10S	4.3	3.0	2.0	2.0	1.7	1.3	6.0	5.3
OKS2015-3	5.3	3.3	2.3	1.3	1.3	1.0	4.3	5.3
SUN QUEEN (PST-R6MM)	4.0	3.0	2.3	1.0	1.0	1.0	4.7	5.0
JSC 2013-5S	3.0	2.3	1.7	1.3	1.3	1.0	3.7	4.7
JSC 2013-7S	3.3	2.7	1.7	1.3	1.3	1.0	4.3	4.7
JSC 2013-8S	3.0	2.0	1.7	1.7	1.3	1.0	3.0	4.7
OKS2015-7	3.7	2.7	1.7	1.0	1.0	1.0	3.3	3.3
PST-R6TM	4.0	2.0	1.5	1.0	1.0	1.0	3.0	3.5
MONACO	3.3	2.3	1.7	1.0	1.0	1.0	1.7	3.3
OKS2015-1	4.0	3.0	2.3	1.7	1.7	1.0	3.0	3.7
RIVIERA	3.7	3.0	2.0	2.0	1.3	1.0	3.0	3.3
LSD VALUE	1.8	1.8	0.9	1.2	0.9	0.5	1.9	2.0
C.V. (%)	20.5	24.1	20.3	34.9	28.8	21.2	26.5	20.5

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

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

TABLE 9C.   MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
                              GROWN UNDER DROUGHT STRESS AT COLLEGE STATION, TX   1/
                                                    2023 DATA

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

| | GENETIC | SPRING | LEAF | | | | QUALITY RATINGS | | | | |
NAME	COLOR	GREENUP	TEXTURE	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
TIFTUF	7.7	5.3	7.3	5.7	6.0	5.7	6.0	2.0	3.0	4.7	4.7
CELEBRATION HYBRID (MSB-1017)	7.0	3.7	7.3	4.3	5.3	5.0	5.7	1.7	3.3	4.7	4.3
MSB-1042	6.7	6.0	7.7	5.0	5.7	5.0	5.7	1.0	3.0	4.0	4.2
LATITUDE 36	7.0	4.3	7.7	4.3	5.7	4.7	5.3	1.0	3.3	4.3	4.1
JSC 77V	6.7	4.7	7.7	4.7	5.0	5.0	5.0	1.0	3.3	4.0	4.0
MSB-1048	7.0	4.3	7.7	4.0	5.0	4.7	5.7	1.3	3.0	4.0	4.0
OKC1682	7.0	5.0	7.7	4.3	5.0	4.7	5.7	1.0	3.3	4.3	4.0
ASTRO	6.7	4.3	6.7	3.7	4.7	4.7	5.0	1.3	4.0	4.0	3.9
TIFWAY	8.0	5.3	7.3	4.3	4.7	4.3	5.3	1.7	3.0	3.7	3.9
JSC 80V	7.0	5.7	7.7	4.0	5.0	5.0	4.7	1.0	3.3	3.3	3.8
FB 1628	6.7	4.3	6.0	4.0	5.3	4.7	4.7	1.0	2.7	3.3	3.7
MSB-1050	6.7	2.7	8.3	3.0	4.7	4.3	5.7	1.0	3.0	4.0	3.7
FB 1902	8.0	3.7	7.3	4.0	4.3	4.0	4.7	1.0	2.7	4.0	3.5
TAHOMA 31	6.7	3.7	7.3	3.7	5.0	4.7	5.3	1.0	2.0	3.0	3.5
OKC1666	7.0	5.7	8.7	3.7	4.3	3.7	4.7	1.3	2.7	3.3	3.4
FB 1903	8.0	4.7	6.7	3.7	4.0	3.7	4.0	1.7	2.7	2.7	3.2
MSB-1075	7.7	2.7	8.3	3.0	4.3	4.0	4.3	1.0	2.3	2.3	3.0
OKC1406	8.0	5.7	8.3	3.0	4.3	3.3	3.7	1.0	2.7	2.7	3.0
OKC1873	8.0	5.3	7.7	3.3	3.7	3.3	4.0	1.3	2.3	3.3	3.0
OKC1876	7.7	5.0	8.0	2.7	3.3	3.3	4.7	1.7	2.3	3.0	3.0
FB 1630	6.7	3.0	6.0	2.7	3.7	4.0	4.0	1.0	1.7	2.7	2.8
MSB-1026	7.7	3.0	7.3	2.7	3.3	3.3	3.7	1.3	1.7	2.7	2.7
LSD VALUE	0.7	2.0	1.0	1.7	1.3	1.2	1.3	1.4	2.4	2.2	0.9
C.V. (%)	5.7	24.1	7.8	22.4	15.2	15.5	14.2	40.6	31.7	26.1	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.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER DROUGHT STRESS AT COLLEGE STATION, TX   1/
2023 DATA

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

NAME	1 WEEK	2 WEEK	LEAF FIRING 3 WEEK	4 WEEK	5 WEEK	6 WEEK
TIFTUF	3.7	3.3	3.0	2.0	1.7	1.3
CELEBRATION HYBRID (MSB-1017)	3.0	3.3	2.7	1.7	1.7	1.3
MSB-1042	3.3	2.7	1.3	1.0	1.0	1.0
LATITUDE 36	3.0	2.0	1.0	1.0	1.0	1.0
JSC 77V	3.3	2.0	1.3	1.0	1.0	1.0
MSB-1048	4.0	3.0	1.7	1.3	1.0	1.0
OKC1682	4.7	2.7	1.0	1.0	1.0	1.0
ASTRO	3.0	2.7	1.3	1.3	1.3	1.0
TIFWAY	4.0	2.7	2.3	1.7	1.7	1.3
JSC 80V	2.7	2.0	1.3	1.0	1.0	1.0
FB 1628	2.0	2.0	1.3	1.0	1.0	1.0
MSB-1050	3.7	3.0	1.0	1.0	1.0	1.0
FB 1902	4.3	4.0	3.0	1.3	1.0	1.0
TAHOMA 31	2.0	2.0	1.3	1.0	1.0	1.0
OKC1666	2.0	2.0	1.0	1.0	1.0	1.0
FB 1903	4.0	3.0	2.3	1.7	1.7	1.0
MSB-1075	2.3	2.3	1.3	1.3	1.3	1.0
OKC1406	3.0	1.7	1.0	1.0	1.0	1.0
OKC1873	3.7	3.0	2.3	1.7	1.3	1.0
OKC1876	3.0	2.7	1.7	1.7	1.3	1.0
FB 1630	1.7	1.0	1.0	1.0	1.0	1.0
MSB-1026	4.3	2.3	1.0	1.0	1.0	1.0
LSD VALUE	2.9	1.7	2.1	1.4	1.6	0.7
C.V. (%)	36.6	31.3	56.3	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.

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

NAME	COLOR RETENTION WEEK 1-6						RECOVERY RATINGS	
	1 WEEK	2 WEEK	3 WEEK	4 WEEK	5 WEEK	6 WEEK	18 DAYS	46 DAYS
TIFTUF	3.7	3.3	2.7	2.3	1.7	1.3	2.3	5.3
CELEBRATION HYBRID (MSB-1017)	3.3	3.0	2.0	1.7	1.7	1.3	3.7	5.3
MSB-1042	3.3	2.3	1.3	1.0	1.0	1.0	3.7	5.0
LATITUDE 36	3.3	2.3	1.3	1.0	1.0	1.0	3.0	4.7
JSC 77V	3.3	1.7	2.0	1.7	1.0	1.0	3.7	5.0
MSB-1048	3.3	2.7	2.0	1.3	1.0	1.0	3.0	4.3
OKC1682	3.7	2.3	1.0	1.0	1.0	1.0	4.0	6.0
ASTRO	3.0	2.3	1.7	1.7	1.3	1.0	4.0	4.7
TIFWAY	5.0	3.0	2.7	1.7	2.0	1.3	3.0	4.0
JSC 80V	2.7	2.3	1.7	1.0	1.0	1.0	3.7	4.7
FB 1628	2.0	2.0	1.3	1.0	1.0	1.0	3.0	4.0
MSB-1050	3.0	2.7	1.7	1.3	1.0	1.0	3.0	4.7
FB 1902	4.3	3.0	2.3	1.0	1.0	1.0	3.3	4.3
TAHOMA 31	3.0	2.0	1.3	1.0	1.0	1.0	2.0	3.7
OKC1666	2.0	2.0	1.0	1.0	1.0	1.0	2.0	4.0
FB 1903	4.0	2.3	2.7	1.7	1.3	1.0	2.3	2.7
MSB-1075	2.0	2.7	1.7	1.0	1.3	1.0	2.3	3.0
OKC1406	3.7	1.7	1.3	1.0	1.0	1.0	2.7	3.7
OKC1873	4.3	3.0	2.7	1.3	1.3	1.0	2.7	4.0
OKC1876	3.3	2.3	2.0	1.7	1.3	1.0	2.7	3.3
FB 1630	1.7	1.3	1.0	1.0	1.0	1.0	1.7	3.7
MSB-1026	4.3	2.3	1.0	1.0	1.0	1.0	2.0	3.3
LSD VALUE	3.2	1.9	1.8	1.4	1.4	0.7	2.8	2.5
C.V. (%)	38.1	31.0	43.9	42.7	39.6	20.4	35.9	25.7

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.

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TABLE 10A.                         MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
                          IN THE 2019 NATIONAL BERMUDAGRASS TEST AT COLLEGE STATION (SHADE), TX   1/
                                                       2023 DATA

                             TURFGRASS QUALITY AND OTHER RATINGS 1-9;  9=BEST  2/
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NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	QUALITY RATINGS							
				APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
MSB-1050	7.3	3.3	7.0	4.0	5.7	7.0	6.0	5.3	5.7	5.7	5.6
MSB-1075	7.0	3.0	6.7	4.7	5.3	5.7	6.0	6.0	5.3	5.7	5.5
JSC 2013-12S	7.5	2.5	7.0	3.5	3.5	5.5	6.5	5.5	6.0	6.5	5.3
CELEBRATION HYBRID (MSB-1017)	6.0	5.0	7.3	4.0	5.0	5.7	5.3	5.0	5.7	6.0	5.2
FB 1628	6.7	4.3	5.3	2.7	4.3	4.7	5.0	5.0	5.7	6.7	4.9
MSB-1048	6.0	2.7	7.3	2.7	5.0	5.0	5.0	4.3	5.3	6.3	4.8
OKC1406	8.0	4.0	7.3	4.0	4.0	4.0	5.3	5.0	5.3	5.7	4.8
TIFTUF	6.3	3.3	7.7	3.3	4.3	4.7	5.3	4.3	4.3	5.3	4.5
JSC 80V	7.3	4.7	7.7	3.3	3.7	4.7	4.7	4.7	4.7	5.3	4.4
TAHOMA 31	7.0	4.3	6.7	2.7	4.0	5.0	4.7	4.7	5.3	4.7	4.4
ASTRO	6.5	3.0	6.5	3.0	3.5	4.0	5.0	5.0	4.5	5.0	4.3
JSC 2013-10S	6.5	3.0	5.0	3.0	3.5	4.0	4.0	4.5	5.5	5.5	4.3
OKC1682	7.3	2.7	7.3	2.7	3.7	4.3	5.0	4.7	4.7	5.0	4.3
JSC 2013-8S	6.5	3.0	6.5	3.0	2.5	4.0	5.5	5.0	4.5	5.0	4.2
MONACO	6.7	3.7	5.0	3.0	3.0	4.0	5.0	4.0	4.0	4.7	4.0
OKC1666	7.7	3.3	8.0	3.7	3.0	4.0	4.0	4.0	4.0	4.0	3.8
SUN QUEEN (PST-R6MM)	6.3	2.7	6.7	2.0	3.0	3.7	4.7	4.7	4.3	4.3	3.8
COPPERHEAD (DLF-460/3048)	7.3	2.3	6.7	2.3	2.3	4.0	4.7	3.7	4.0	4.7	3.7
FB 1902	7.0	2.0	7.0	3.0	3.0	3.0	4.0	4.0	4.0	5.0	3.7
JSC 2013-5S	7.5	4.0	5.5	2.5	2.5	3.5	4.0	4.5	4.5	4.5	3.7
JSC 2013-7S	6.7	2.7	5.7	3.0	3.0	3.7	3.7	4.3	3.7	3.7	3.6
MSB-1026	7.5	3.0	6.5	2.5	2.5	3.5	5.0	3.5	3.5	5.0	3.6
MSB-1042	6.7	4.0	7.7	3.0	2.0	3.3	4.0	4.0	4.0	5.0	3.6
OKS2015-7	6.7	2.3	5.3	3.0	3.3	3.7	4.3	3.3	4.0	3.7	3.6
LATITUDE 36	7.3	2.7	7.3	1.7	3.0	3.7	4.7	3.7	3.7	4.0	3.5
OKC1876	8.0	1.7	7.3	2.0	2.7	3.3	3.7	3.3	4.7	4.0	3.4
PST-R6TM	7.5	3.0	6.5	2.5	2.0	3.0	4.5	4.0	3.5	4.5	3.4
OKS2015-1	7.0	3.0	5.3	2.3	2.3	3.3	4.0	3.7	3.7	3.7	3.3
TIFWAY	7.7	4.0	7.7	2.3	2.3	3.0	3.3	3.0	4.3	4.3	3.2
FB 1630	7.5	3.0	7.5	2.5	3.0	3.0	3.0	3.5	2.5	3.5	3.0
JSC 77V	7.3	4.3	7.7	2.7	3.3	3.3	3.3	3.7	2.3	2.7	3.0
OKS2015-3	7.3	3.7	5.3	2.7	2.7	3.0	3.7	3.0	3.0	2.7	3.0
RIVIERA	6.7	2.0	6.7	2.3	2.0	3.0	3.0	3.0	3.0	4.0	2.9
OKC1873	7.5	2.0	7.5	2.0	2.0	3.5	3.0	3.0	2.5	3.5	2.8
FB 1903	7.7	3.0	5.7	2.0	1.7	2.3	2.7	2.7	2.7	2.7	2.4
LSD VALUE	1.0	3.7	1.1	1.3	1.7	2.3	2.3	2.6	2.4	3.4	1.7
C.V. (%)	7.1	36.2	9.5	23.3	27.1	26.2	23.1	24.6	25.6	28.6	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.

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TABLE 10B.                    MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
                                      GROWN UNDER SHADE AT COLLEGE STATION, TX   1/
                                                      2023 DATA

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

                       GENETIC    SPRING     LEAF                        QUALITY RATINGS
NAME                   COLOR      GREENUP    TEXTURE   APR    MAY    JUN    JUL    AUG    SEP    OCT    MEAN

JSC 2013-12S           7.5        2.5        7.0       3.5    3.5    5.5    6.5    5.5    6.0    6.5    5.3
JSC 2013-10S           6.5        3.0        5.0       3.0    3.5    4.0    4.0    4.5    5.5    5.5    4.3
JSC 2013-8S            6.5        3.0        6.5       3.0    2.5    4.0    5.5    5.0    4.5    5.0    4.2
MONACO                 6.7        3.7        5.0       3.0    3.0    4.0    5.0    4.0    4.0    4.7    4.0
SUN QUEEN (PST-R6MM)   6.3        2.7        6.7       2.0    3.0    3.7    4.7    4.7    4.3    4.3    3.8
COPPERHEAD (DLF-460/3048) 7.3     2.3        6.7       2.3    2.3    4.0    4.7    3.7    4.0    4.7    3.7
JSC 2013-5S            7.5        4.0        5.5       2.5    2.5    3.5    4.0    4.5    4.5    4.5    3.7
JSC 2013-7S            6.7        2.7        5.7       3.0    3.0    3.7    3.7    4.3    3.7    3.7    3.6
OKS2015-7              6.7        2.3        5.3       3.0    3.3    3.7    4.3    3.3    4.0    3.7    3.6
PST-R6TM               7.5        3.0        6.5       2.5    2.0    3.0    4.5    4.0    3.5    4.5    3.4
OKS2015-1              7.0        3.0        5.3       2.3    2.3    3.3    4.0    3.7    3.7    3.7    3.3
OKS2015-3              7.3        3.7        5.3       2.7    2.7    3.0    3.7    3.0    3.0    2.7    3.0
RIVIERA                6.7        2.0        6.7       2.3    2.0    3.0    3.0    3.0    3.0    4.0    2.9

LSD VALUE              1.5        3.4        1.5       1.5    2.6    3.7    3.2    4.0    4.3    5.3    3.2
C.V. (%)               8.1        36.9       11.9      20.9   30.8   31.1   26.5   31.5   33.9   38.3   26.9
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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 10C.   MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
                                    GROWN UNDER SHADE AT COLLEGE STATION, TX   1/
                                                   2023 DATA

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

| | GENETIC | SPRING | LEAF | QUALITY RATINGS |
NAME	COLOR	GREENUP	TEXTURE	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
MSB-1050	7.3	3.3	7.0	4.0	5.7	7.0	6.0	5.3	5.7	5.7	5.6
MSB-1075	7.0	3.0	6.7	4.7	5.3	5.7	6.0	6.0	5.3	5.7	5.5
CELEBRATION HYBRID (MSB-1017)	6.0	5.0	7.3	4.0	5.0	5.7	5.3	5.0	5.7	6.0	5.2
FB 1628	6.7	4.3	5.3	2.7	4.3	4.7	5.0	5.0	5.7	6.7	4.9
MSB-1048	6.0	2.7	7.3	2.7	5.0	5.0	5.0	4.3	5.3	6.3	4.8
OKC1406	8.0	4.0	7.3	4.0	4.0	4.0	5.3	5.0	5.3	5.7	4.8
TIFTUF	6.3	3.3	7.7	3.3	4.3	4.7	5.3	4.3	4.3	5.3	4.5
JSC 80V	7.3	4.7	7.7	3.3	3.7	4.7	4.7	4.7	4.7	5.3	4.4
TAHOMA 31	7.0	4.3	6.7	2.7	4.0	5.0	4.7	4.7	5.3	4.7	4.4
ASTRO	6.5	3.0	6.5	3.0	3.5	4.0	5.0	5.0	4.5	5.0	4.3
OKC1682	7.3	2.7	7.3	2.7	3.7	4.3	5.0	4.7	4.7	5.0	4.3
OKC1666	7.7	3.3	8.0	3.7	3.0	4.0	4.0	4.0	4.0	4.0	3.8
FB 1902	7.0	2.0	7.0	3.0	3.0	3.0	4.0	4.0	4.0	5.0	3.7
MSB-1026	7.5	3.0	6.5	2.5	2.5	3.5	5.0	3.5	3.5	5.0	3.6
MSB-1042	6.7	4.0	7.7	3.0	2.0	3.3	4.0	4.0	4.0	5.0	3.6
LATITUDE 36	7.3	2.7	7.3	1.7	3.0	3.7	4.7	3.7	3.7	4.0	3.5
OKC1876	8.0	1.7	7.3	2.0	2.7	3.3	3.7	3.3	4.7	4.0	3.4
TIFWAY	7.7	4.0	7.7	2.3	2.3	3.0	3.3	3.0	4.3	4.3	3.2
FB 1630	7.5	3.0	7.5	2.5	3.0	3.0	3.0	3.5	2.5	3.5	3.0
JSC 77V	7.3	4.3	7.7	2.7	3.3	3.3	3.3	3.7	2.3	2.7	3.0
OKC1873	7.5	2.0	7.5	2.0	2.0	3.5	3.0	3.0	2.5	3.5	2.8
FB 1903	7.7	3.0	5.7	2.0	1.7	2.3	2.7	2.7	2.7	2.7	2.4
LSD VALUE	0.9	3.0	1.1	1.3	1.6	1.8	1.8	1.8	1.8	2.4	1.3
C.V. (%)	6.7	32.7	7.9	22.5	24.9	22.2	19.8	20.7	21.1	23.7	16.8

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

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

TABLE 11A.   MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
                                         GROWN UNDER SALINE IRRIGATION AT LAS CRUCES, NM   1/
                                                          2023 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	PERCENT GROUND COVER			COLOR SPRING	COLOR SUMMER	COLOR FALL	QUALITY RATINGS					
				SPRING	SUMMER	FALL				MAY	JUN	JUL	AUG	OCT	MEAN
TIFTUF	6.7	3.3	6.7	95.3	97.3	83.0	6.0	5.3	6.0	8.7	9.0	9.0	9.0	9.0	8.9
TAHOMA 31	5.7	3.0	5.7	88.7	92.7	80.3	7.7	6.7	6.3	8.7	9.0	9.0	9.0	8.3	8.8
TIFWAY	7.7	3.0	7.0	93.7	93.7	76.0	6.7	6.7	7.7	8.3	8.3	8.3	9.0	8.3	8.5
FB 1903	5.3	3.0	5.0	76.0	89.7	80.0	8.3	7.7	6.3	6.7	8.7	8.7	8.7	8.7	8.3
MSB-1048	8.0	2.0	6.7	87.0	97.0	73.3	7.7	4.7	5.7	7.0	8.7	8.7	9.0	8.0	8.3
OKC1682	6.7	3.0	6.0	93.0	97.7	67.0	7.0	5.0	6.3	7.3	8.7	8.7	9.0	7.7	8.3
CELEBRATION HYBRID (MSB-1017)	7.0	3.0	6.3	80.3	94.3	81.3	7.3	6.0	6.3	7.3	8.7	8.7	8.3	8.0	8.2
MSB-1042	5.3	2.7	5.7	82.3	94.7	87.3	5.3	5.0	4.7	7.3	8.7	8.7	8.3	8.0	8.2
JSC 2013-10S	6.3	5.0	5.3	96.0	92.0	79.7	7.0	6.3	7.0	8.0	8.0	8.0	8.3	8.0	8.1
MSB-1026	9.0	3.0	7.0	87.0	84.7	79.3	7.7	7.7	6.7	7.3	8.3	8.7	7.7	8.3	8.1
MSB-1075	8.0	2.7	6.7	72.3	92.7	75.0	8.7	8.3	7.0	6.7	8.3	8.3	8.7	8.7	8.1
MSB-1050	6.0	2.0	5.7	72.7	87.3	85.0	8.7	7.3	6.7	6.7	8.0	8.0	8.7	8.7	8.0
FB 1902	8.7	5.0	8.0	89.0	85.3	81.3	5.3	6.3	6.0	7.3	8.0	8.0	7.7	8.3	7.9
LATITUDE 36	7.3	3.0	6.7	90.7	91.7	65.7	5.3	5.3	6.3	7.3	8.7	8.7	8.3	6.3	7.9
JSC 2013-8S	6.3	3.7	5.7	93.0	96.0	77.0	6.3	5.3	7.0	7.7	8.0	8.3	8.3	6.7	7.8
FB 1628	5.7	3.3	6.0	86.3	79.3	67.7	7.7	8.3	8.3	8.0	9.0	8.3	7.0	6.3	7.7
JSC 2013-12S	6.7	4.3	6.0	94.3	93.3	69.0	6.0	5.7	7.0	7.3	7.7	8.0	8.0	7.3	7.7
JSC 77V	6.3	3.3	6.0	92.0	93.7	67.3	6.3	6.0	6.3	6.7	8.3	8.3	9.0	6.3	7.7
MONACO	5.7	4.3	5.0	93.3	95.3	77.3	6.0	5.7	6.0	7.0	7.3	8.0	8.3	7.7	7.7
OKC1876	7.3	3.3	6.7	71.7	90.7	68.0	7.0	7.0	7.0	6.3	8.3	8.3	8.7	6.7	7.7
OKS2015-1	5.7	4.0	5.7	95.3	94.7	82.7	5.7	5.3	6.3	7.7	7.7	8.0	8.0	7.3	7.7
OKS2015-7	6.7	4.3	6.0	96.3	94.0	79.3	6.0	5.7	5.7	7.7	7.3	8.0	8.3	7.3	7.7
RIVIERA	6.3	4.3	6.0	95.0	94.7	81.7	5.7	5.3	5.0	7.3	7.3	8.0	8.3	7.7	7.7
JSC 2013-5S	6.3	5.0	5.7	92.3	93.3	69.3	6.7	5.7	7.3	7.3	7.7	7.7	7.7	7.7	7.6
OKC1873	7.7	3.0	7.0	75.3	79.7	67.0	7.3	7.0	6.3	7.0	8.3	7.7	8.3	6.7	7.6
OKS2015-3	5.7	3.7	5.7	95.0	92.7	63.3	5.7	6.0	5.7	7.0	8.0	8.0	8.0	7.0	7.6
JSC 2013-7S	5.3	4.0	5.0	88.0	90.3	80.0	6.3	6.3	7.7	6.7	7.0	8.0	7.7	7.7	7.4
ASTRO	7.0	3.7	6.0	92.3	95.7	55.3	6.3	5.3	6.3	6.7	8.0	7.7	7.7	6.3	7.3
COPPERHEAD (DLF-460/3048)	6.0	4.0	6.0	92.0	92.7	67.7	5.0	5.7	7.0	6.7	7.3	8.0	7.7	7.0	7.3
JSC 80V	8.7	3.0	7.0	85.0	87.7	58.7	5.7	6.3	6.3	7.7	8.7	8.0	7.3	4.7	7.3
OKC1406	6.7	3.3	6.0	87.0	82.7	54.3	5.7	6.7	6.3	8.0	8.3	7.7	7.0	4.7	7.1
OKC1666	7.0	2.7	6.0	85.7	91.7	49.3	5.7	5.3	4.7	6.0	8.3	8.0	8.7	4.7	7.1
SUN QUEEN (PST-R6MM)	5.0	4.3	4.7	88.3	88.0	74.7	4.7	6.0	5.7	5.7	7.0	7.7	7.3	7.0	6.9
PST-R6TM	6.3	3.3	6.3	85.7	90.3	71.0	4.3	5.7	5.7	5.3	6.7	7.3	7.0	6.3	6.5
FB 1630	7.0	4.3	6.0	69.7	73.3	50.7	6.3	7.3	5.0	6.0	7.3	7.0	5.7	4.3	6.1
LSD VALUE	1.8	0.6	1.8	14.8	15.4	33.3	1.4	2.0	1.7	1.4	1.0	1.5	1.5	2.0	1.1
C.V. (%)	15.3	11.9	13.8	9.2	7.7	18.9	13.2	16.8	14.3	10.9	7.0	7.6	10.0	15.7	7.5

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

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

TABLE 11B.   MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
                               GROWN UNDER SALINE IRRIGATION AT LAS CRUCES, NM   1/
                                                 2023 DATA

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

| | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | PERCENT GROUND COVER | | | COLOR SPRING | COLOR SUMMER | COLOR FALL | QUALITY RATINGS | | | | | |
NAME				SPRING	SUMMER	FALL				MAY	JUN	JUL	AUG	OCT	MEAN
JSC 2013-10S	6.3	5.0	5.3	96.0	92.0	79.7	7.0	6.3	7.0	8.0	8.0	8.0	8.3	8.0	8.1
JSC 2013-8S	6.3	3.7	5.7	93.0	96.0	77.0	6.3	5.3	7.0	7.7	8.0	8.3	8.3	6.7	7.8
JSC 2013-12S	6.7	4.3	6.0	94.3	93.3	69.0	6.0	5.7	7.0	7.3	7.7	8.0	8.0	7.3	7.7
MONACO	5.7	4.3	5.0	93.3	95.3	77.3	6.0	5.7	6.0	7.0	7.3	8.0	8.3	7.7	7.7
OKS2015-1	5.7	4.0	5.7	95.3	94.7	82.7	5.7	5.3	6.3	7.7	7.7	8.0	8.0	7.3	7.7
OKS2015-7	6.7	4.3	6.0	96.3	94.0	79.3	6.0	5.7	5.7	7.7	7.3	8.0	8.3	7.3	7.7
RIVIERA	6.3	4.3	6.0	95.0	94.7	81.7	5.7	5.3	5.0	7.3	7.3	8.0	8.3	7.7	7.7
JSC 2013-5S	6.3	5.0	5.7	92.3	93.3	69.3	6.7	5.7	7.3	7.3	7.7	7.7	7.7	7.7	7.6
OKS2015-3	5.7	3.7	5.7	95.0	92.7	63.3	5.7	6.0	5.7	7.0	8.0	8.0	8.0	7.0	7.6
JSC 2013-7S	5.3	4.0	5.0	88.0	90.3	80.0	6.3	6.3	7.7	6.7	7.0	8.0	7.7	7.7	7.4
COPPERHEAD (DLF-460/3048)	6.0	4.0	6.0	92.0	92.7	67.7	5.0	5.7	7.0	6.7	7.3	8.0	7.7	7.0	7.3
SUN QUEEN (PST-R6MM)	5.0	4.3	4.7	88.3	88.0	74.7	4.7	6.0	5.7	5.7	7.0	7.7	7.3	7.0	6.9
PST-R6TM	6.3	3.3	6.3	85.7	90.3	71.0	4.3	5.7	5.7	5.3	6.7	7.3	7.0	6.3	6.5
LSD VALUE	3.6	0.8	3.1	8.5	7.2	21.4	1.9	2.6	1.8	1.0	1.2	1.2	1.0	0.9	0.6
C.V. (%)	19.7	10.6	18.3	4.3	3.3	11.8	15.3	14.6	14.2	8.5	7.2	5.5	6.2	6.6	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 11C.   MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN UNDER SALINE IRRIGATION AT LAS CRUCES, NM 1/
2023 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	PERCENT GROUND COVER			COLOR SPRING	COLOR SUMMER	COLOR FALL	QUALITY RATINGS					
				SPRING	SUMMER	FALL				MAY	JUN	JUL	AUG	OCT	MEAN
TIFTUF	6.7	3.3	6.7	95.3	97.3	83.0	6.0	5.3	6.0	8.7	9.0	9.0	9.0	9.0	8.9
TAHOMA 31	5.7	3.0	5.7	88.7	92.7	80.3	7.7	6.7	6.3	8.7	9.0	9.0	9.0	8.3	8.8
TIFWAY	7.7	3.0	7.0	93.7	93.7	76.0	6.7	6.7	7.7	8.3	8.3	8.3	9.0	8.3	8.5
FB 1903	5.3	3.0	5.0	76.0	89.7	80.0	8.3	7.7	6.3	6.7	8.7	8.7	8.7	8.7	8.3
MSB-1048	8.0	2.0	6.7	87.0	97.0	73.3	7.7	4.7	5.7	7.0	8.7	8.7	9.0	8.0	8.3
OKC1682	6.7	3.0	6.0	93.0	97.7	67.0	7.0	5.0	6.3	7.3	8.7	8.7	9.0	7.7	8.3
CELEBRATION HYBRID (MSB-1017)	7.0	3.0	6.3	80.3	94.3	81.3	7.3	6.0	6.3	7.3	8.7	8.7	8.3	8.0	8.2
MSB-1042	5.3	2.7	5.7	82.3	94.7	87.3	5.3	5.0	4.7	7.3	8.7	8.7	8.3	8.0	8.2
MSB-1026	9.0	3.0	7.0	87.0	84.7	79.3	7.7	7.7	6.7	7.3	8.3	8.7	7.7	8.3	8.1
MSB-1075	8.0	2.7	6.7	72.3	92.7	75.0	8.7	8.3	7.0	6.7	8.3	8.3	8.7	8.7	8.1
MSB-1050	6.0	2.0	5.7	72.7	87.3	85.0	8.7	7.3	6.7	6.7	8.0	8.0	8.7	8.7	8.0
FB 1902	8.7	5.0	8.0	89.0	85.3	81.3	5.3	6.3	6.0	7.3	8.0	8.0	7.7	8.3	7.9
LATITUDE 36	7.3	3.0	6.7	90.7	91.7	65.7	5.3	5.3	6.3	7.3	8.7	8.7	8.3	6.3	7.9
FB 1628	5.7	3.3	6.0	86.3	79.3	67.7	7.7	8.3	8.3	8.0	8.3	8.3	7.0	6.3	7.7
JSC 77V	6.3	3.3	6.0	92.0	93.7	67.3	6.3	6.0	6.3	6.7	8.3	8.3	9.0	6.3	7.7
OKC1876	7.3	3.3	6.7	71.7	90.7	68.0	7.0	7.0	7.0	6.3	8.3	8.3	8.7	6.7	7.7
OKC1873	7.7	3.0	7.0	75.3	79.7	67.0	7.3	7.0	6.3	7.0	8.3	7.7	8.3	6.7	7.6
ASTRO	7.0	3.7	6.0	92.3	95.7	55.3	6.3	5.3	6.3	6.7	8.0	7.7	7.7	6.3	7.3
JSC 80V	8.7	3.0	7.0	85.0	87.7	58.7	5.7	6.3	6.3	7.7	8.7	8.0	7.3	4.7	7.3
OKC1406	6.7	3.3	6.0	87.0	82.7	54.3	5.7	6.7	6.3	8.0	8.3	7.7	7.0	4.7	7.1
OKC1666	7.0	2.7	6.0	85.7	91.7	49.3	5.7	5.3	4.7	6.0	8.3	8.0	8.7	4.7	7.1
FB 1630	7.0	4.3	6.0	69.7	73.3	50.7	6.3	7.3	5.0	6.0	7.3	7.0	5.7	4.3	6.1
LSD VALUE	1.6	0.7	1.4	19.3	18.7	35.6	1.4	2.2	1.7	1.8	1.3	1.8	1.8	2.3	1.3
C.V. (%)	13.2	13.2	11.4	11.1	9.3	21.5	12.2	17.7	14.2	12.1	6.4	8.5	11.3	18.8	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 12A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS
GROWN UNDER POTABLE WATER AT LAS CRUCES, NM   1/
2023 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	PERCENT GROUND COVER SPRING	SUMMER	FALL	COLOR SPRING	COLOR SUMMER	COLOR FALL	QUALITY RATINGS MAY	JUN	JUL	AUG	OCT	MEAN
FB 1628	7.3	3.3	6.7	91.0	91.3	84.7	7.7	8.7	7.0	8.7	9.0	9.0	9.0	8.3	8.8
TIFTUF	6.0	3.7	6.3	96.7	96.0	88.7	6.3	5.3	5.3	8.7	8.7	8.7	9.0	9.0	8.8
CELEBRATION HYBRID (MSB-1017)	7.0	2.7	6.7	86.0	94.7	88.0	6.3	5.3	5.0	7.3	9.0	9.0	9.0	9.0	8.7
MSB-1042	5.0	3.0	4.7	93.7	92.0	88.0	5.7	4.7	4.0	8.0	9.0	8.7	9.0	9.0	8.7
OKC1873	6.0	3.3	6.0	81.7	89.0	82.3	6.7	5.0	6.0	7.3	9.0	9.0	9.0	9.0	8.7
TAHOMA 31	5.7	3.3	6.0	91.7	98.0	83.7	5.7	4.3	4.0	8.3	8.7	8.7	9.0	8.3	8.6
TIFWAY	7.0	3.3	7.0	91.3	84.0	90.3	6.7	7.7	5.0	8.3	8.3	8.3	9.0	9.0	8.6
FB 1903	6.7	2.7	6.7	82.3	95.0	86.3	8.0	6.3	6.3	6.7	9.0	9.0	9.0	9.0	8.5
LATITUDE 36	6.0	4.0	5.7	96.3	92.7	79.0	5.0	5.7	5.7	8.3	9.0	9.0	9.0	7.3	8.5
OKC1876	6.7	3.0	6.3	88.3	95.0	93.0	6.0	5.0	5.0	8.3	8.3	8.3	9.0	9.0	8.5
MSB-1048	7.7	2.0	7.0	86.3	97.3	77.0	7.3	4.7	6.0	7.3	8.7	8.7	9.0	8.0	8.3
MSB-1050	7.0	2.0	6.3	70.0	94.3	90.0	8.0	6.7	6.3	6.0	8.7	8.7	8.7	9.0	8.2
OKC1406	6.0	3.0	6.0	96.7	87.0	81.3	5.0	6.3	6.0	8.7	8.3	8.3	8.7	7.0	8.2
MSB-1075	7.0	2.3	6.3	71.3	95.0	87.3	7.7	6.3	6.0	6.0	8.3	8.3	8.7	8.7	8.0
MSB-1026	8.0	3.0	7.0	89.3	93.3	83.3	5.3	6.0	6.0	6.3	7.7	8.3	8.7	8.3	7.9
OKC1682	6.3	3.0	6.0	87.0	93.3	90.3	5.7	5.7	3.7	6.3	8.0	8.0	8.7	8.3	7.9
JSC 2013-10S	6.7	4.7	6.0	96.0	92.7	79.0	6.0	4.0	6.0	7.3	7.0	7.7	8.7	8.3	7.8
JSC 2013-8S	6.7	4.0	6.7	88.3	92.3	81.7	5.3	6.0	6.3	7.0	7.3	8.0	8.0	8.0	7.7
JSC 2013-5S	5.0	4.3	5.0	90.3	92.0	84.7	6.0	5.3	6.7	7.0	7.0	8.0	8.0	8.0	7.6
JSC 2013-12S	5.7	5.0	5.7	96.0	96.7	83.0	6.3	4.3	6.3	7.3	6.7	7.7	8.3	7.7	7.5
JSC 2013-7S	6.7	4.7	6.0	92.0	93.0	85.3	5.0	4.7	6.3	6.7	7.0	7.7	8.0	8.0	7.5
JSC 77V	5.0	4.3	5.7	94.7	97.0	81.3	4.7	4.7	4.3	7.0	8.0	8.3	7.7	6.7	7.5
OKC1666	5.7	3.0	5.7	88.0	94.3	69.3	5.3	4.7	4.3	5.7	8.3	8.3	8.7	6.3	7.5
ASTRO	8.0	3.3	7.3	96.3	94.0	80.7	5.3	5.0	6.0	7.3	8.0	7.3	7.7	6.7	7.4
FB 1630	6.0	4.7	6.0	82.3	86.7	82.0	5.3	6.3	5.7	7.3	7.3	8.0	7.3	7.0	7.4
OKS2015-1	3.7	4.0	3.7	95.0	94.0	85.7	5.3	5.0	5.7	7.0	7.0	7.7	8.0	7.3	7.4
FB 1902	7.7	4.0	7.0	86.3	88.0	77.3	4.7	6.0	4.3	6.3	7.0	7.7	7.7	7.7	7.3
MONACO	7.3	5.0	6.3	93.3	95.0	80.7	4.7	4.7	6.3	7.0	6.7	7.3	8.0	7.3	7.3
JSC 80V	4.7	2.7	5.7	94.7	97.3	74.0	4.0	3.7	6.0	7.3	6.7	7.3	8.0	7.0	7.1
OKS2015-3	6.0	4.3	5.7	95.0	91.3	82.0	5.7	5.7	6.0	6.3	6.7	7.7	7.7	7.0	7.1
OKS2015-7	6.3	4.0	5.7	93.3	92.3	84.0	4.3	5.0	5.7	6.3	6.3	7.3	7.3	7.7	7.0
RIVIERA	3.3	3.7	3.3	89.3	94.7	77.0	2.7	4.7	5.3	5.7	6.3	7.3	8.0	7.0	6.9
SUN QUEEN (PST-R6MM)	5.7	4.0	6.0	84.0	86.7	72.0	5.0	5.7	5.3	6.3	6.3	7.3	6.7	7.0	6.7
PST-R6TM	6.0	4.0	6.0	90.3	88.7	74.0	4.0	5.7	5.0	5.7	6.3	7.3	6.3	6.7	6.5
COPPERHEAD (DLF-460/3048)	6.3	3.7	6.0	79.7	84.0	72.3	3.7	6.0	5.3	5.3	6.0	7.0	6.3	7.0	6.3
LSD VALUE	2.3	1.0	1.5	7.9	7.7	26.1	1.8	2.1	1.3	1.2	0.9	0.9	0.7	1.4	0.6
C.V. (%)	19.1	17.0	14.1	5.5	4.4	10.8	18.8	19.9	13.9	10.8	7.6	6.4	5.7	10.1	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 12B.   MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN UNDER POTABLE WATER AT LAS CRUCES, NM   1/
2023 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	PERCENT GROUND COVER			COLOR SPRING	COLOR SUMMER	COLOR FALL	QUALITY RATINGS					
				SPRING	SUMMER	FALL				MAY	JUN	JUL	AUG	OCT	MEAN
JSC 2013-10S	6.7	4.7	6.0	96.0	92.7	79.0	6.0	4.0	6.0	7.3	7.0	7.7	8.7	8.3	7.8
JSC 2013-8S	6.7	4.0	6.7	88.3	92.3	81.7	5.3	6.0	6.3	7.0	7.3	8.0	8.0	8.0	7.7
JSC 2013-5S	5.0	4.3	5.0	90.3	92.0	84.7	6.0	5.3	6.7	7.0	7.0	8.0	8.0	8.0	7.6
JSC 2013-12S	5.7	5.0	5.7	96.0	96.7	83.0	6.3	4.3	6.3	7.3	6.7	7.7	8.3	7.7	7.5
JSC 2013-7S	6.7	4.7	6.0	92.0	93.0	85.3	5.0	4.7	6.3	6.7	7.0	7.7	8.0	8.0	7.5
OKS2015-1	3.7	4.0	3.7	95.0	94.0	85.7	5.3	5.0	5.7	7.0	7.0	7.7	8.0	7.3	7.4
MONACO	7.3	5.0	6.3	93.3	95.0	80.7	4.7	4.7	6.3	7.0	6.7	7.3	8.0	7.3	7.3
OKS2015-3	6.0	4.3	5.7	95.0	91.3	82.0	5.7	5.7	6.0	6.3	6.7	7.7	7.7	7.0	7.1
OKS2015-7	6.3	4.0	5.7	93.3	92.3	84.0	4.3	5.0	5.7	6.3	6.3	7.3	7.3	7.7	7.0
RIVIERA	3.3	3.7	3.3	89.3	94.7	77.0	2.7	4.7	5.3	5.7	6.3	7.3	8.0	7.0	6.9
SUN QUEEN (PST-R6MM)	5.7	4.0	6.0	84.0	86.7	72.0	5.0	5.7	5.3	6.3	6.3	7.3	6.7	7.0	6.7
PST-R6TM	6.0	4.0	6.0	90.3	88.7	74.0	4.0	5.7	5.0	5.7	6.3	7.3	6.3	6.7	6.5
COPPERHEAD (DLF-460/3048)	6.3	3.7	6.0	79.7	84.0	72.3	3.7	6.0	5.3	5.3	6.0	7.0	6.3	7.0	6.3
LSD VALUE	2.0	2.0	2.0	7.1	9.5	20.4	2.6	2.5	1.8	1.3	2.0	1.7	0.9	1.1	0.9
C.V. (%)	18.6	17.8	18.6	4.4	4.7	9.8	24.9	19.5	12.5	10.2	10.8	7.9	6.7	7.5	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 12C.   MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
                              GROWN UNDER POTABLE WATER AT LAS CRUCES, NM   1/
                                              2023 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | PERCENT GROUND COVER | | | COLOR SPRING | COLOR SUMMER | COLOR FALL | QUALITY RATINGS | | | | | |
				SPRING	SUMMER	FALL				MAY	JUN	JUL	AUG	OCT	MEAN
FB 1628	7.3	3.3	6.7	91.0	91.3	84.7	7.7	8.7	7.0	8.7	9.0	9.0	9.0	8.3	8.8
TIFTUF	6.0	3.7	6.3	96.7	96.0	88.7	6.3	5.3	5.3	8.7	8.7	8.7	9.0	9.0	8.8
CELEBRATION HYBRID (MSB-1017)	7.0	2.7	6.7	86.0	94.7	88.0	6.3	5.3	5.0	7.3	9.0	9.0	9.0	9.0	8.7
MSB-1042	5.0	3.0	4.7	93.7	92.0	88.0	5.7	4.7	4.0	8.0	9.0	8.7	9.0	9.0	8.7
OKC1873	6.0	3.3	6.0	81.7	89.0	82.3	6.7	5.0	6.0	7.3	9.0	9.0	9.0	9.0	8.7
TAHOMA 31	5.7	3.3	6.0	91.7	98.0	83.7	5.7	4.3	4.0	8.3	8.7	8.7	9.0	8.3	8.6
TIFWAY	7.0	3.3	7.0	91.3	84.0	90.3	6.7	7.7	5.0	8.3	8.3	8.3	9.0	9.0	8.6
FB 1903	6.7	2.7	6.7	82.3	95.0	86.3	8.0	6.3	6.3	6.7	9.0	9.0	9.0	9.0	8.5
LATITUDE 36	6.0	4.0	5.7	96.3	92.7	79.0	5.0	5.7	5.7	8.3	9.0	9.0	9.0	7.3	8.5
OKC1876	6.7	3.0	6.3	88.3	95.0	93.0	6.0	5.0	5.0	8.3	8.3	8.3	9.0	9.0	8.5
MSB-1048	7.7	2.0	7.0	86.3	97.3	77.0	7.3	4.7	6.0	7.3	8.7	8.7	9.0	8.0	8.3
MSB-1050	7.0	2.0	6.3	70.0	94.3	90.0	8.0	6.7	6.3	6.0	8.7	8.7	8.7	9.0	8.2
OKC1406	6.0	3.0	6.0	96.7	87.0	81.3	5.0	6.3	6.0	8.7	8.3	8.3	8.7	7.0	8.2
MSB-1075	7.0	2.3	6.3	71.3	95.0	87.3	7.7	6.3	6.0	6.0	8.3	8.3	8.7	8.7	8.0
MSB-1026	8.0	3.0	7.0	89.3	93.3	83.3	5.3	6.0	6.0	6.3	7.7	8.3	8.7	8.3	7.9
OKC1682	6.3	3.0	6.0	87.0	93.3	90.3	5.7	5.7	3.7	6.3	8.0	8.0	8.7	8.3	7.9
JSC 77V	5.0	4.3	5.7	94.7	97.0	81.3	4.7	4.7	4.3	7.0	8.0	8.3	7.7	6.7	7.5
OKC1666	5.7	3.0	5.7	88.0	94.3	69.3	5.3	4.7	4.3	5.7	8.3	8.3	8.7	6.3	7.5
ASTRO	8.0	3.3	7.3	96.3	94.0	80.7	5.3	5.0	6.0	7.3	8.0	7.3	7.7	6.7	7.4
FB 1630	6.0	4.7	6.0	82.3	86.7	82.0	5.3	6.3	5.7	7.3	7.3	8.0	7.3	7.0	7.4
FB 1902	7.7	4.0	7.0	86.3	88.0	77.3	4.7	6.0	4.3	6.3	7.0	7.7	7.7	7.7	7.3
JSC 80V	4.7	2.7	5.7	94.7	97.3	74.0	4.0	3.7	6.0	7.3	6.0	7.3	8.0	7.0	7.1
LSD VALUE	2.9	0.8	1.5	8.4	7.1	26.0	1.5	2.1	1.4	1.2	0.8	0.8	0.8	1.5	0.6
C.V. (%)	19.6	15.0	11.7	5.9	4.1	11.1	15.0	20.0	15.1	10.2	6.2	5.6	5.2	10.7	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.

GENETIC COLOR RATINGS OF BERMUDAGRASS CULTIVARS 1/
                                     2023 DATA

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

NAME	FL3	KS2	MS1	OK1	OK3	TN1	MEAN
MSB-1026	8.7	7.3	6.0	7.3	7.3	7.7	7.4
FB 1628	7.3	7.3	6.3	7.3	7.3	6.7	7.1
FB 1903	8.0	8.7	6.0	6.7	6.7	6.0	7.0
MSB-1050	8.7	7.0	6.3	6.7	6.7	6.7	7.0
MSB-1075	7.7	8.3	6.3	6.7	6.7	6.3	7.0
TAHOMA 31	8.3	7.0	6.3	7.0	7.0	6.0	6.9
MSB-1048	7.7	6.7	5.7	7.0	7.0	6.0	6.7
FB 1630	8.7	8.0	5.7	6.0	6.0	5.7	6.7
OKC1682	7.7	5.7	6.0	6.7	6.7	6.3	6.5
LATITUDE 36	7.7	5.3	6.3	6.7	6.7	6.3	6.5
FB 1902	8.0	6.7	5.0	5.7	5.7	7.3	6.4
OKC1876	7.7	6.0	5.7	7.0	7.0	5.0	6.4
JSC 2013-8S	6.0	6.3	6.0	6.3	6.3	7.0	6.3
OKS2015-3	6.7	5.3	5.7	6.7	6.7	7.0	6.3
CELEBRATION HYBRID (MSB-1017)	8.0	6.7	6.0	6.0	6.0	5.0	6.3
MONACO	6.0	6.0	6.0	7.0	7.0	5.7	6.3
TIFWAY	8.0	6.3	6.3	6.3	6.3	4.0	6.2
COPPERHEAD (DLF-460/3048)	6.0	5.7	5.0	6.3	6.3	7.7	6.2
JSC 2013-12S	5.7	6.0	6.0	6.7	6.7	6.0	6.2
JSC 2013-7S	5.7	7.0	5.7	6.3	6.3	6.0	6.2
RIVIERA	6.0	6.0	6.0	6.3	6.3	6.3	6.2
OKC1406	8.0	5.0	6.0	5.7	5.7	6.3	6.1
JSC 2013-5S	6.0	6.7	5.3	5.7	5.7	7.0	6.1
MSB-1042	7.0	5.3	5.3	6.7	6.7	5.3	6.1
SUN QUEEN (PST-R6MM)	5.7	5.3	5.3	6.7	6.7	6.7	6.1
OKS2015-7	6.7	5.3	6.0	6.0	6.0	6.0	6.0
PST-R6TM	5.3	5.3	5.3	6.7	6.7	6.7	6.0
TIFTUF	6.7	6.0	6.0	6.0	6.0	5.3	6.0
OKC1873	6.7	6.0	5.7	6.0	6.0	5.3	5.9
JSC 77V	7.7	5.3	5.7	5.3	5.3	6.3	5.9
JSC 2013-10S	5.7	6.0	5.7	6.0	6.0	5.7	5.8
OKC1666	7.0	4.0	5.3	6.0	6.0	6.0	5.7
OKS2015-1	6.7	6.0	5.0	5.3	5.3	6.0	5.7
ASTRO	6.7	4.3	5.7	5.7	5.7	5.0	5.5
JSC 80V	7.3	4.3	6.0	4.3	4.3	6.3	5.4
LSD VALUE	1.5	0.9	0.8	0.9	0.9	2.2	0.5
C.V. (%)	13.3	9.2	8.6	8.9	8.9	22.2	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.

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TABLE 13B.                    GENETIC COLOR RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS  1/
                                              2023 DATA

                         GENETIC COLOR RATINGS 1-9; 9=DARK GREEN   2/
          NAME                      FL3    KS2    MS1    OK1    OK3    TN1    MEAN

          JSC 2013-8S               6.0    6.3    6.0    6.3    6.3    7.0     6.3
          OKS2015-3                 6.7    5.3    5.7    6.7    6.7    7.0     6.3
          MONACO                    6.0    6.0    6.0    7.0    7.0    5.7     6.3
          COPPERHEAD (DLF-460/3048) 6.0    5.7    5.0    6.3    6.3    7.7     6.2
          JSC 2013-12S              5.7    6.0    6.0    6.7    6.7    6.0     6.2
          JSC 2013-7S               5.7    7.0    5.7    6.3    6.3    6.0     6.2
          RIVIERA                   6.0    6.0    6.0    6.3    6.3    6.3     6.2
          JSC 2013-5S               6.0    6.7    5.3    5.7    5.7    7.0     6.1
          SUN QUEEN (PST-R6MM)      5.7    5.3    5.3    6.7    6.7    6.7     6.1
          OKS2015-7                 6.7    5.3    6.0    6.0    6.0    6.0     6.0
          PST-R6TM                  5.3    5.3    5.3    6.7    6.7    6.7     6.0
          JSC 2013-10S              5.7    6.0    5.7    6.0    6.0    5.7     5.8
          OKS2015-1                 6.7    6.0    5.0    5.3    5.3    6.0     5.7

          LSD VALUE                 1.7    0.7    0.6    0.9    0.9    2.4     0.6
          C.V. (%)                 17.7    7.2    7.0    9.2    9.2   23.6    14.1
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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.

GENETIC COLOR RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
                                    2023 DATA

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

NAME	FL3	KS2	MS1	OK1	OK3	TN1	MEAN
MSB-1026	8.7	7.3	6.0	7.3	7.3	7.7	7.4
FB 1628	7.3	7.3	6.3	7.3	7.3	6.7	7.1
FB 1903	8.0	8.7	6.0	6.7	6.7	6.0	7.0
MSB-1050	8.7	7.0	6.3	6.7	6.7	6.7	7.0
MSB-1075	7.7	8.3	6.3	6.7	6.7	6.3	7.0
TAHOMA 31	8.3	7.0	6.3	7.0	7.0	6.0	6.9
MSB-1048	7.7	6.7	5.7	7.0	7.0	6.0	6.7
FB 1630	8.7	8.0	5.7	6.0	6.0	5.7	6.7
OKC1682	7.7	5.7	6.0	6.7	6.7	6.3	6.5
LATITUDE 36	7.7	5.3	6.3	6.7	6.7	6.3	6.5
FB 1902	8.0	6.7	5.0	5.7	5.7	7.3	6.4
OKC1876	7.7	6.0	5.7	7.0	7.0	5.0	6.4
CELEBRATION HYBRID (MSB-1017)	8.0	6.7	6.0	6.0	6.0	5.0	6.3
TIFWAY	8.0	6.3	6.3	6.3	6.3	4.0	6.2
OKC1406	8.0	5.0	6.0	5.7	5.7	6.3	6.1
MSB-1042	7.0	5.3	5.3	6.7	6.7	5.3	6.1
TIFTUF	6.7	6.0	6.0	6.0	6.0	5.3	6.0
OKC1873	6.7	6.0	5.7	6.0	6.0	5.3	5.9
JSC 77V	7.7	5.3	5.7	5.3	5.3	6.3	5.9
OKC1666	7.0	4.0	5.3	6.0	6.0	6.0	5.7
ASTRO	6.7	4.3	5.7	5.7	5.7	5.0	5.5
JSC 80V	7.3	4.3	6.0	4.3	4.3	6.3	5.4
LSD VALUE	1.4	1.0	0.9	0.9	0.9	2.0	0.5
C.V. (%)	11.1	10.1	9.3	8.7	8.7	21.1	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 14A.   SPRING GREENUP RATINGS OF BERMUDAGRASS CULTIVARS 1/
                                                    2023 DATA

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

NAME	FL3	IN1	KS2	MD1	MS1	NC1	OK1	OK3	TN1	VA1	MEAN
TAHOMA 31	5.0	5.0	5.0	7.7	7.7	6.0	9.0	8.3	5.3	6.7	6.6
JSC 77V	5.3	4.0	3.3	7.3	8.0	6.0	9.0	7.7	4.7	8.0	6.3
JSC 2013-12S	8.7	5.7	3.3	7.3	5.7	6.0	6.7	7.3	5.3	7.0	6.3
RIVIERA	7.0	4.0	3.0	7.3	6.3	7.0	7.7	7.3	6.7	6.3	6.3
JSC 80V	6.3	5.3	3.7	7.0	7.7	6.3	5.7	7.7	5.0	7.0	6.2
JSC 2013-5S	7.3	5.0	3.7	7.0	6.0	5.3	7.7	7.3	5.0	7.0	6.1
OKC1406	5.0	7.7	3.7	7.3	7.7	5.7	7.0	5.7	5.0	6.7	6.1
OKS2015-7	7.3	2.0	4.0	7.0	5.0	6.0	8.0	8.3	5.7	8.0	6.1
OKS2015-1	7.0	4.3	3.7	7.0	5.3	6.0	8.0	7.0	5.7	7.0	6.1
ASTRO	5.3	5.0	3.0	7.0	7.0	5.7	7.7	7.3	5.3	7.3	6.1
JSC 2013-10S	7.7	4.0	3.3	7.0	5.7	6.3	7.3	7.3	6.3	5.3	6.0
OKS2015-3	6.7	2.3	3.3	7.3	6.0	6.7	7.7	7.7	5.3	7.0	6.0
MONACO	8.0	3.3	3.0	7.3	5.0	6.0	7.3	6.7	5.7	6.7	5.9
TIFTUF	6.7	2.0	2.7	7.3	7.3	6.0	7.7	6.3	4.7	8.3	5.9
JSC 2013-8S	7.3	3.0	3.0	7.0	5.3	6.0	7.7	6.7	5.0	6.7	5.8
MSB-1042	6.0	3.7	3.7	6.7	7.0	5.7	6.0	5.7	5.7	7.7	5.8
JSC 2013-7S	7.7	5.3	2.7	7.0	4.3	5.0	7.0	7.0	4.7	6.7	5.7
OKC1682	5.7	4.3	3.7	6.3	7.3	5.3	6.3	4.3	5.7	7.0	5.6
COPPERHEAD (DLF-460/3048)	7.0	3.7	3.3	6.3	5.0	5.3	6.3	6.7	7.0	5.0	5.6
LATITUDE 36	6.0	3.0	4.3	7.3	8.3	5.7	4.7	4.3	5.0	7.0	5.6
FB 1628	5.7	2.3	2.3	6.0	7.3	6.3	6.0	6.0	5.7	6.7	5.4
OKC1666	4.0	6.7	3.3	5.0	6.7	5.0	4.3	3.7	5.3	6.3	5.0
SUN QUEEN (PST-R6MM)	6.7	3.7	2.7	5.3	4.7	5.7	5.3	5.7	5.0	5.0	5.0
PST-R6TM	6.7	4.0	2.3	5.7	2.7	6.0	5.3	6.3	5.7	4.7	4.9
FB 1902	7.3	3.7	2.0	3.7	5.0	6.0	4.7	5.3	5.0	6.0	4.9
MSB-1026	7.0	3.0	2.0	6.7	5.7	5.7	2.7	2.3	5.3	6.7	4.7
TIFWAY	6.0	1.0	2.0	5.3	6.7	5.7	3.3	3.7	5.3	8.0	4.7
OKC1876	5.3	1.3	2.3	6.0	6.3	5.3	2.3	3.3	6.0	7.0	4.5
FB 1630	7.0	4.7	2.0	5.3	2.3	6.3	1.3	1.7	6.0	6.0	4.3
MSB-1075	6.3	4.7	1.7	2.0	5.3	4.7	2.0	3.0	5.7	4.3	4.0
FB 1903	6.3	3.7	1.3	3.3	4.0	5.7	2.3	2.0	5.0	4.3	3.8
CELEBRATION HYBRID (MSB-1017)	5.7	3.0	2.0	5.3	4.0	4.0	1.3	1.0	5.0	4.7	3.6
OKC1873	5.7	2.3	2.0	3.7	2.7	4.3	2.3	1.0	5.0	4.3	3.3
MSB-1048	3.7	2.0	1.0	3.0	7.0	3.7	2.3	2.3	4.0	3.7	3.3
MSB-1050	3.7	2.5	1.3	3.0	3.3	3.3	1.3	1.0	4.7	2.7	2.7
LSD VALUE	1.0	2.9	1.2	1.2	1.6	0.9	2.5	2.3	1.4	1.6	0.6
C.V. (%)	9.9	47.0	26.1	11.9	17.8	10.5	28.1	27.3	16.7	15.9	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 14B.　　　　　　　SPRING GREENUP RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
　　　　　　　　　　　　　　2023 DATA

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

NAME	FL3	IN1	KS2	MD1	MS1	NC1	OK1	OK3	TN1	VA1	MEAN
JSC 2013-12S	8.7	5.7	3.3	7.3	5.7	6.0	6.7	7.3	5.3	7.0	6.3
RIVIERA	7.0	4.0	3.0	7.3	6.3	7.0	7.7	7.3	6.7	6.3	6.3
JSC 2013-5S	7.3	5.0	3.7	7.0	6.0	5.3	7.7	7.3	5.0	7.0	6.1
OKS2015-7	7.3	2.0	4.0	7.0	5.0	6.0	8.0	8.3	5.7	8.0	6.1
OKS2015-1	7.0	4.3	3.7	7.0	5.3	6.0	8.0	7.0	5.7	7.0	6.1
JSC 2013-10S	7.7	4.0	3.3	7.0	5.7	6.3	7.3	7.3	6.3	5.3	6.0
OKS2015-3	6.7	2.3	3.3	7.3	6.0	6.7	7.7	7.7	5.3	7.0	6.0
MONACO	8.0	3.3	3.0	7.3	5.0	6.0	7.3	6.7	5.7	6.7	5.9
JSC 2013-8S	7.3	3.0	3.0	7.0	5.3	6.0	7.7	6.7	5.0	6.7	5.8
JSC 2013-7S	7.7	5.3	2.7	7.0	4.3	5.0	7.0	7.0	4.7	6.7	5.7
COPPERHEAD (DLF-460/3048)	7.0	3.7	3.3	6.3	5.0	5.3	6.3	6.7	7.0	5.0	5.6
SUN QUEEN (PST-R6MM)	6.7	3.7	2.7	5.3	4.7	5.7	5.3	5.7	5.0	5.0	5.0
PST-R6TM	6.7	4.0	2.3	5.7	2.7	6.0	5.3	6.3	5.7	4.7	4.9
LSD VALUE	1.0	3.0	1.3	0.9	1.5	1.1	1.4	1.5	1.4	1.7	0.5
C.V. (%)	8.5	48.8	26.2	8.5	17.6	11.1	12.0	12.9	15.6	16.4	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.

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TABLE 14C.                    SPRING GREENUP RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS  1/
                                                  2023 DATA

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

NAME                          FL3    IN1    KS2    MD1    MS1    NC1    OK1    OK3    TN1    VA1    MEAN

TAHOMA 31                     5.0    5.0    5.0    7.7    7.7    6.0    9.0    8.3    5.3    6.7    6.6
JSC 77V                       5.3    4.0    3.3    7.3    8.0    6.0    9.0    7.7    4.7    8.0    6.3
JSC 80V                       6.3    5.3    3.7    7.0    7.7    6.3    5.7    7.7    5.0    7.0    6.2
OKC1406                       5.0    7.7    3.7    7.3    7.7    5.7    7.0    5.7    5.0    6.7    6.1
ASTRO                         5.3    5.0    3.0    7.0    7.0    5.7    7.7    7.3    5.3    7.3    6.1
TIFTUF                        6.7    2.0    2.7    7.3    7.3    6.0    7.7    6.3    4.7    8.3    5.9
MSB-1042                      6.0    3.7    3.7    6.7    7.0    5.7    6.0    5.7    5.7    7.7    5.8
OKC1682                       5.7    4.3    3.7    6.3    7.3    5.3    6.3    4.3    5.7    7.0    5.6
LATITUDE 36                   6.0    3.0    4.3    7.3    8.3    5.7    4.7    4.3    5.0    7.0    5.6
FB 1628                       5.7    2.3    2.3    6.0    7.3    6.3    6.0    6.0    5.7    6.7    5.4
OKC1666                       4.0    6.7    3.3    5.0    6.7    5.0    4.3    3.7    5.3    6.3    5.0
FB 1902                       7.3    3.7    2.0    3.7    5.0    6.0    4.7    5.3    5.0    6.0    4.9
MSB-1026                      7.0    3.0    2.0    6.7    5.7    5.7    2.7    2.3    5.3    6.7    4.7
TIFWAY                        6.0    1.0    2.0    5.3    6.7    5.7    3.3    3.7    5.3    8.0    4.7
OKC1876                       5.3    1.3    2.3    6.0    6.3    5.3    2.3    3.3    6.0    7.0    4.5
FB 1630                       7.0    4.7    2.0    5.3    2.3    6.3    1.3    1.7    6.0    6.0    4.3
MSB-1075                      6.3    4.7    1.7    2.0    5.3    4.7    2.0    3.0    5.7    4.3    4.0
FB 1903                       6.3    3.7    1.3    3.3    4.0    5.7    2.3    2.0    5.0    4.3    3.8
CELEBRATION HYBRID (MSB-1017) 5.7    3.0    2.0    5.3    4.0    4.0    1.3    1.0    5.0    4.7    3.6
OKC1873                       5.7    2.3    2.0    3.7    2.7    4.3    2.3    1.0    5.0    4.3    3.3
MSB-1048                      3.7    2.0    1.0    3.0    7.0    3.7    2.3    2.3    4.0    3.7    3.3
MSB-1050                      3.7    2.5    1.3    3.0    3.3    3.3    1.3    1.0    4.7    2.7    2.7

LSD VALUE                     1.0    2.8    1.1    1.3    1.7    0.9    2.9    2.7    1.5    1.6    0.6
C.V. (%)                      11.0   45.7   25.8   14.2   17.8   10.0   40.4   39.5   17.4   15.6   23.7
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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.

LEAF TEXTURE RATINGS OF BERMUDAGRASS CULTIVARS 1/
                                        2023 DATA

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

NAME	FL3	KS2	MS1	OK1	OK3	TN1	MEAN
MSB-1042	9.0	8.3	6.0	7.7	7.7	2.0	6.8
LATITUDE 36	8.3	7.3	6.3	7.7	7.7	2.3	6.6
MSB-1048	8.3	7.7	6.3	7.0	7.0	3.0	6.6
OKC1876	7.7	7.0	6.7	7.7	7.7	2.3	6.5
MSB-1050	8.0	6.7	7.0	7.7	7.7	2.0	6.5
CELEBRATION HYBRID (MSB-1017)	8.7	7.3	6.0	7.3	7.3	2.0	6.4
OKC1666	7.7	8.0	6.0	7.0	7.0	2.3	6.3
OKC1682	8.0	6.7	6.0	7.0	7.0	2.7	6.2
TIFTUF	7.0	7.0	6.3	7.3	7.3	2.3	6.2
JSC 77V	7.0	7.0	6.3	7.0	7.0	2.7	6.2
OKC1873	7.3	7.0	6.0	7.0	7.0	2.7	6.2
JSC 80V	7.0	7.3	6.3	6.7	6.7	2.7	6.1
OKC1406	7.7	7.0	5.7	7.0	7.0	2.0	6.1
TAHOMA 31	7.3	6.7	6.0	7.0	7.0	2.3	6.1
TIFWAY	7.3	6.7	6.3	7.0	7.0	2.0	6.1
MSB-1026	7.3	6.0	6.3	7.0	7.0	2.0	5.9
MSB-1075	7.7	4.3	7.0	7.0	7.0	2.3	5.9
FB 1628	7.0	6.0	6.3	6.7	6.7	2.3	5.8
OKS2015-3	7.0	6.0	5.3	6.0	6.0	3.0	5.6
ASTRO	6.3	6.7	5.7	6.0	6.0	2.3	5.5
MONACO	7.0	6.3	5.0	6.0	6.0	2.7	5.5
COPPERHEAD (DLF-460/3048)	7.0	6.0	5.0	6.0	6.0	2.7	5.4
RIVIERA	6.3	6.0	5.3	6.0	6.0	2.7	5.4
FB 1903	6.0	5.0	5.3	6.7	6.7	2.3	5.3
JSC 2013-7S	6.7	6.0	5.3	6.0	6.0	2.0	5.3
FB 1630	6.0	5.0	5.7	6.3	6.3	2.3	5.3
FB 1902	6.3	6.0	5.0	6.0	6.0	2.3	5.3
JSC 2013-10S	6.0	6.0	5.3	6.0	6.0	2.3	5.3
JSC 2013-12S	6.3	6.0	5.0	6.0	6.0	2.3	5.3
JSC 2013-8S	6.7	5.7	5.0	6.0	6.0	2.3	5.3
OKS2015-1	6.3	6.0	5.0	6.0	6.0	2.3	5.3
PST-R6TM	6.3	5.7	5.0	6.0	6.0	2.7	5.3
JSC 2013-5S	6.3	5.7	5.3	6.0	6.0	2.0	5.2
OKS2015-7	6.0	5.7	5.0	6.0	6.0	2.3	5.2
SUN QUEEN (PST-R6MM)	6.3	5.7	5.0	6.0	6.0	2.0	5.2
LSD VALUE	1.0	0.8	0.7	0.5	0.5	0.8	0.3
C.V. (%)	8.9	8.2	7.8	4.7	4.7	20.2	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.

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

NAME	FL3	KS2	MS1	OK1	OK3	TN1	MEAN
OKS2015-3	7.0	6.0	5.3	6	6	3.0	5.6
MONACO	7.0	6.3	5.0	6	6	2.7	5.5
COPPERHEAD (DLF-460/3048)	7.0	6.0	5.0	6	6	2.7	5.4
RIVIERA	6.3	6.0	5.3	6	6	2.7	5.4
JSC 2013-7S	6.7	6.0	5.3	6	6	2.0	5.3
JSC 2013-10S	6.0	6.0	5.3	6	6	2.3	5.3
JSC 2013-12S	6.3	6.0	5.0	6	6	2.3	5.3
JSC 2013-8S	6.7	5.7	5.0	6	6	2.3	5.3
OKS2015-1	6.3	6.0	5.0	6	6	2.3	5.3
PST-R6TM	6.3	5.7	5.0	6	6	2.7	5.3
JSC 2013-5S	6.3	5.7	5.3	6	6	2.0	5.2
OKS2015-7	6.0	5.7	5.0	6	6	2.3	5.2
SUN QUEEN (PST-R6MM)	6.3	5.7	5.0	6	6	2.0	5.2
LSD VALUE	1.2	0.6	0.6	0	0	0.8	0.3
C.V. (%)	11.0	6.7	7.0	0	0	19.9	7.8

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

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

TABLE 15C.   LEAF TEXTURE RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
                                      2023 DATA

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

NAME	FL3	KS2	MS1	OK1	OK3	TN1	MEAN
MSB-1042	9.0	8.3	6.0	7.7	7.7	2.0	6.8
LATITUDE 36	8.3	7.3	6.3	7.7	7.7	2.3	6.6
MSB-1048	8.3	7.7	6.3	7.0	7.0	3.0	6.6
OKC1876	7.7	7.0	6.7	7.7	7.7	2.3	6.5
MSB-1050	8.0	6.7	7.0	7.7	7.7	2.0	6.5
CELEBRATION HYBRID (MSB-1017)	8.7	7.3	6.0	7.3	7.3	2.0	6.4
OKC1666	7.7	8.0	6.0	7.0	7.0	2.3	6.3
OKC1682	8.0	6.7	6.0	7.0	7.0	2.7	6.2
TIFTUF	7.0	7.0	6.3	7.3	7.3	2.3	6.2
JSC 77V	7.0	7.0	6.3	7.0	7.0	2.7	6.2
OKC1873	7.3	7.0	6.0	7.0	7.0	2.7	6.2
JSC 80V	7.0	7.3	6.3	6.7	6.7	2.7	6.1
OKC1406	7.7	7.0	5.7	7.0	7.0	2.0	6.1
TAHOMA 31	7.3	6.7	6.0	7.0	7.0	2.3	6.1
TIFWAY	7.3	6.7	6.3	7.0	7.0	2.0	6.1
MSB-1026	7.3	6.0	6.3	7.0	7.0	2.0	5.9
MSB-1075	7.7	4.3	7.0	7.0	7.0	2.3	5.9
FB 1628	7.0	6.0	6.3	6.7	6.7	2.3	5.8
ASTRO	6.3	6.7	5.7	6.0	6.0	2.3	5.5
FB 1903	6.0	5.0	5.3	6.7	6.7	2.3	5.3
FB 1630	6.0	5.0	5.7	6.3	6.3	2.3	5.3
FB 1902	6.3	6.0	5.0	6.0	6.0	2.3	5.3
LSD VALUE	0.9	0.9	0.8	0.6	0.6	0.8	0.3
C.V. (%)	7.8	8.9	8.0	5.6	5.6	20.4	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.

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TABLE 16A.                    SPRING DENSITY  RATINGS OF BERMUDAGRASS CULTIVARS  1/
                                          2023 DATA

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

            NAME                              OK1    OK3    MEAN

            TIFTUF                            8.0    7.0    7.5
            LATITUDE 36                       7.7    6.7    7.2
            MSB-1026                          7.7    6.7    7.2
            JSC 80V                           7.3    7.0    7.2
            TAHOMA 31                         7.3    7.0    7.2
            MSB-1048                          7.0    7.0    7.0
            OKC1406                           7.3    6.7    7.0
            OKC1682                           7.0    7.0    7.0
            JSC 77V                           7.0    6.7    6.8
            MSB-1042                          7.0    6.7    6.8
            OKC1876                           7.0    6.7    6.8
            CELEBRATION HYBRID (MSB-1017)     6.7    6.3    6.5
            FB 1628                           6.7    6.3    6.5
            MSB-1075                          7.0    6.0    6.5
            OKC1666                           6.7    6.3    6.5
            TIFWAY                            6.7    6.3    6.5
            ASTRO                             6.7    6.0    6.3
            JSC 2013-7S                       6.0    5.7    5.8
            COPPERHEAD (DLF-460/3048)         5.7    5.7    5.7
            JSC 2013-10S                      5.7    5.7    5.7
            JSC 2013-12S                      5.7    5.7    5.7
            JSC 2013-8S                       5.7    5.7    5.7
            FB 1903                           6.3    5.0    5.7
            MONACO                            6.0    5.3    5.7
            OKS2015-7                         6.0    5.3    5.7
            FB 1630                           5.7    5.3    5.5
            JSC 2013-5S                       6.0    5.0    5.5
            MSB-1050                          5.0    6.0    5.5
            OKC1873                           5.0    6.0    5.5
            OKS2015-1                         5.7    5.3    5.5
            OKS2015-3                         6.0    5.0    5.5
            RIVIERA                           6.0    5.0    5.5
            FB 1902                           5.3    5.0    5.2
            SUN QUEEN (PST-R6MM)              5.0    5.3    5.2
            PST-R6TM                          5.0    5.0    5.0

            LSD VALUE                         1.0    0.8    0.6
            C.V. (%)                          9.6    8.8    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.
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TABLE 16B.   SPRING DENSITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
                                     2023 DATA

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

            NAME   OK1   OK3   MEAN

            JSC 2013-7S   6.0   5.7   5.8
            COPPERHEAD (DLF-460/3048)   5.7   5.7   5.7
            JSC 2013-10S   5.7   5.7   5.7
            JSC 2013-12S   5.7   5.7   5.7
            JSC 2013-8S   5.7   5.7   5.7
            MONACO   6.0   5.3   5.7
            OKS2015-7   6.0   5.3   5.7
            JSC 2013-5S   6.0   5.0   5.5
            OKS2015-1   5.7   5.3   5.5
            OKS2015-3   6.0   5.0   5.5
            RIVIERA   6.0   5.0   5.5
            SUN QUEEN (PST-R6MM)   5.0   5.3   5.2
            PST-R6TM   5.0   5.0   5.0

            LSD VALUE   0.6   0.8   0.5
            C.V. (%)   6.3   9.0   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 16C.   SPRING DENSITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
                          2023 DATA

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

NAME	OK1	OK3	MEAN
TIFTUF	8.0	7.0	7.5
LATITUDE 36	7.7	6.7	7.2
MSB-1026	7.7	6.7	7.2
JSC 80V	7.3	7.0	7.2
TAHOMA 31	7.3	7.0	7.2
MSB-1048	7.0	7.0	7.0
OKC1406	7.3	6.7	7.0
OKC1682	7.0	7.0	7.0
JSC 77V	7.0	6.7	6.8
MSB-1042	7.0	6.7	6.8
OKC1876	7.0	6.7	6.8
CELEBRATION HYBRID (MSB-1017)	6.7	6.3	6.5
FB 1628	6.7	6.3	6.5
MSB-1075	7.0	6.0	6.5
OKC1666	6.7	6.3	6.5
TIFWAY	6.7	6.3	6.5
ASTRO	6.7	6.0	6.3
FB 1903	6.3	5.0	5.7
FB 1630	5.7	5.3	5.5
MSB-1050	5.0	6.0	5.5
OKC1873	5.0	6.0	5.5
FB 1902	5.3	5.0	5.2
LSD VALUE	1.2	0.9	0.7
C.V. (%)	10.7	8.7	9.8

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

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

TABLE 17A.   SUMMER DENSITY RATINGS OF BERMUDAGRASS CULTIVARS 1/
                                        2023 DATA

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

NAME	MS1	NC1	OK1	OK3	MEAN
MSB-1042	6.7	7.0	8.0	6.7	7.1
MSB-1050	7.3	5.7	8.0	7.3	7.1
JSC 77V	6.7	7.7	7.0	6.7	7.0
TIFTUF	7.0	7.7	7.0	6.0	6.9
CELEBRATION HYBRID (MSB-1017)	7.0	6.7	7.0	6.7	6.8
FB 1628	6.0	7.3	7.0	6.7	6.8
LATITUDE 36	5.3	7.7	7.7	6.3	6.8
TIFWAY	6.3	7.0	7.3	6.3	6.8
JSC 80V	6.3	8.0	6.3	5.7	6.6
MSB-1048	6.0	6.7	7.0	6.3	6.5
ASTRO	6.3	7.3	6.3	5.7	6.4
FB 1903	6.0	7.3	6.7	5.7	6.4
MSB-1026	6.0	6.0	6.7	6.7	6.3
OKC1876	7.0	5.7	6.7	6.0	6.3
FB 1630	6.0	7.0	6.0	6.0	6.3
OKC1873	5.7	5.3	7.3	6.7	6.3
OKC1406	5.7	7.3	6.3	5.3	6.2
OKC1666	6.7	6.3	6.3	5.3	6.2
OKC1682	6.3	5.3	7.0	5.7	6.1
TAHOMA 31	6.3	7.3	5.3	5.3	6.1
FB 1902	6.0	6.0	6.0	6.0	6.0
RIVIERA	5.3	7.7	5.7	5.3	6.0
JSC 2013-10S	5.3	7.7	6.0	4.7	5.9
JSC 2013-7S	5.3	7.0	5.7	5.7	5.9
JSC 2013-5S	6.0	6.3	6.0	5.0	5.8
OKS2015-7	5.3	7.0	6.0	5.0	5.8
MSB-1075	6.3	3.7	6.7	6.3	5.8
OKS2015-3	5.7	7.0	5.3	5.0	5.8
MONACO	6.0	6.0	5.7	4.7	5.6
JSC 2013-8S	5.3	6.0	6.0	5.0	5.6
OKS2015-1	5.0	6.3	6.0	5.0	5.6
JSC 2013-12S	5.3	6.3	5.3	4.7	5.4
COPPERHEAD (DLF-460/3048)	5.3	5.7	5.7	4.7	5.3
PST-R6TM	5.3	5.0	5.7	5.3	5.3
SUN QUEEN (PST-R6MM)	5.3	4.7	5.7	5.0	5.2
LSD VALUE	0.8	1.7	0.8	1.0	0.6
C.V. (%)	8.8	15.9	7.8	10.4	11.3

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

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

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TABLE 17B.              SUMMER DENSITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS  1/
                                         2023 DATA

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

               NAME                      MS1    NC1    OK1    OK3    MEAN

               RIVIERA                   5.3    7.7    5.7    5.3     6.0
               JSC 2013-10S              5.3    7.7    6.0    4.7     5.9
               JSC 2013-7S               5.3    7.0    5.7    5.7     5.9
               JSC 2013-5S               6.0    6.3    6.0    5.0     5.8
               OKS2015-7                 5.3    7.0    6.0    5.0     5.8
               OKS2015-3                 5.7    7.0    5.3    5.0     5.8
               MONACO                    6.0    6.0    5.7    4.7     5.6
               JSC 2013-8S               5.3    6.0    6.0    5.0     5.6
               OKS2015-1                 5.0    6.3    6.0    5.0     5.6
               JSC 2013-12S              5.3    6.3    5.3    4.7     5.4
               COPPERHEAD (DLF-460/3048) 5.3    5.7    5.7    4.7     5.3
               PST-R6TM                  5.3    5.0    5.7    5.3     5.3
               SUN QUEEN (PST-R6MM)      5.3    4.7    5.7    5.0     5.2

               LSD VALUE                 0.8    1.4    0.7    1.1     0.5
               C.V. (%)                  9.3   14.0    7.9   14.0    11.7
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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 17C.   SUMMER DENSITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
                                          2023 DATA

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

NAME	MS1	NC1	OK1	OK3	MEAN
MSB-1042	6.7	7.0	8.0	6.7	7.1
MSB-1050	7.3	5.7	8.0	7.3	7.1
JSC 77V	6.7	7.7	7.0	6.7	7.0
TIFTUF	7.0	7.7	7.0	6.0	6.9
CELEBRATION HYBRID (MSB-1017)	7.0	6.7	7.0	6.7	6.8
FB 1628	6.0	7.3	7.0	6.7	6.8
LATITUDE 36	5.3	7.7	7.7	6.3	6.8
TIFWAY	6.3	7.0	7.3	6.3	6.8
JSC 80V	6.3	8.0	6.3	5.7	6.6
MSB-1048	6.0	6.7	7.0	6.3	6.5
ASTRO	6.3	7.3	6.3	5.7	6.4
FB 1903	6.0	7.3	6.7	5.7	6.4
MSB-1026	6.0	6.0	6.7	6.7	6.3
OKC1876	7.0	5.7	6.7	6.0	6.3
FB 1630	6.0	7.0	6.0	6.0	6.3
OKC1873	5.7	5.3	7.3	6.7	6.3
OKC1406	5.7	7.3	6.3	5.3	6.2
OKC1666	6.7	6.3	6.3	5.3	6.2
OKC1682	6.3	5.3	7.0	5.7	6.1
TAHOMA 31	6.3	7.3	5.3	5.3	6.1
FB 1902	6.0	6.0	6.0	6.0	6.0
MSB-1075	6.3	3.7	6.7	6.3	5.8
LSD VALUE	0.9	1.8	0.8	0.8	0.6
C.V. (%)	8.5	16.8	7.7	8.5	11.1

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

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

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FALL DENSITY RATINGS OF BERMUDAGRASS CULTIVARS 1/
                                     2023 DATA

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

NAME	NC1	OK1	OK3	MEAN
MSB-1050	8.3	7.7	6.7	7.6
LATITUDE 36	8.7	7.0	6.7	7.4
TAHOMA 31	8.7	7.3	6.3	7.4
FB 1628	8.7	7.0	6.3	7.3
TIFTUF	8.3	7.0	6.7	7.3
CELEBRATION HYBRID (MSB-1017)	8.7	6.7	6.3	7.2
OKC1876	8.0	7.0	6.3	7.1
FB 1630	8.3	6.7	6.0	7.0
MSB-1075	6.7	7.7	6.7	7.0
JSC 77V	8.0	6.7	6.0	6.9
MSB-1042	7.7	6.7	6.3	6.9
OKC1406	8.0	6.7	6.0	6.9
TIFWAY	7.7	7.0	6.0	6.9
MSB-1026	7.3	7.0	6.3	6.9
MSB-1048	7.3	7.0	6.0	6.8
ASTRO	7.0	7.0	6.0	6.7
JSC 2013-10S	8.0	6.0	6.0	6.7
JSC 80V	7.7	6.3	6.0	6.7
RIVIERA	8.0	6.0	6.0	6.7
FB 1903	8.3	6.0	5.3	6.6
JSC 2013-12S	7.7	6.0	6.0	6.6
JSC 2013-5S	7.7	6.0	6.0	6.6
JSC 2013-8S	7.7	6.0	6.0	6.6
OKC1682	7.0	6.7	5.7	6.4
JSC 2013-7S	7.3	6.0	6.0	6.4
MONACO	7.3	6.0	6.0	6.4
OKS2015-7	7.3	6.0	6.0	6.4
OKC1873	6.7	6.3	6.0	6.3
OKS2015-3	7.3	6.0	5.7	6.3
FB 1902	6.7	6.0	6.0	6.2
OKC1666	7.3	6.0	5.3	6.2
PST-R6TM	6.7	6.0	5.7	6.1
COPPERHEAD (DLF-460/3048)	7.0	6.0	5.0	6.0
SUN QUEEN (PST-R6MM)	6.7	6.0	5.3	6.0
OKS2015-1	7.0	5.3	5.3	5.9
LSD VALUE	1.3	0.6	0.7	0.5
C.V. (%)	10.6	5.8	7.3	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.

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TABLE 18B.                      FALL DENSITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS  1/
                                           2023 DATA

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

                NAME                       NC1    OK1    OK3    MEAN

                JSC 2013-10S               8.0    6.0    6.0     6.7
                RIVIERA                    8.0    6.0    6.0     6.7
                JSC 2013-12S               7.7    6.0    6.0     6.6
                JSC 2013-5S                7.7    6.0    6.0     6.6
                JSC 2013-8S                7.7    6.0    6.0     6.6
                JSC 2013-7S                7.3    6.0    6.0     6.4
                MONACO                     7.3    6.0    6.0     6.4
                OKS2015-7                  7.3    6.0    6.0     6.4
                OKS2015-3                  7.3    6.0    5.7     6.3
                PST-R6TM                   6.7    6.0    5.7     6.1
                COPPERHEAD (DLF-460/3048)  7.0    6.0    5.0     6.0
                SUN QUEEN (PST-R6MM)       6.7    6.0    5.3     6.0
                OKS2015-1                  7.0    5.3    5.3     5.9

                LSD VALUE                  1.2    0.3    0.5     0.4
                C.V. (%)                  10.0    2.7    5.6     7.4
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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.

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TABLE 18C.                    FALL DENSITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS  1/
                                              2023 DATA

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

            NAME                              NC1     OK1     OK3     MEAN

            MSB-1050                          8.3     7.7     6.7     7.6
            LATITUDE 36                       8.7     7.0     6.7     7.4
            TAHOMA 31                         8.7     7.3     6.3     7.4
            FB 1628                           8.7     7.0     6.3     7.3
            TIFTUF                            8.3     7.0     6.7     7.3
            CELEBRATION HYBRID (MSB-1017)     8.7     6.7     6.3     7.2
            OKC1876                           8.0     7.0     6.3     7.1
            FB 1630                           8.3     6.7     6.0     7.0
            MSB-1075                          6.7     7.7     6.7     7.0
            JSC 77V                           8.0     6.7     6.0     6.9
            MSB-1042                          7.7     6.7     6.3     6.9
            OKC1406                           8.0     6.7     6.0     6.9
            TIFWAY                            7.7     7.0     6.0     6.9
            MSB-1026                          7.3     7.0     6.3     6.9
            MSB-1048                          7.3     7.0     6.0     6.8
            ASTRO                             7.0     7.0     6.0     6.7
            JSC 80V                           7.7     6.3     6.0     6.7
            FB 1903                           8.3     6.0     5.3     6.6
            OKC1682                           7.0     6.7     5.7     6.4
            OKC1873                           6.7     6.3     6.0     6.3
            FB 1902                           6.7     6.0     6.0     6.2
            OKC1666                           7.3     6.0     5.3     6.2

            LSD VALUE                         1.4     0.7     0.8     0.6
            C.V. (%)                         10.9     6.8     8.0     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.
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TABLE 19A.        PERCENT LIVING GROUND COVER (SPRING) RATINGS OF BERMUDAGRASS CULTIVARS  1/
                                      2023 DATA

                  PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS    2/

            NAME                          KS2      TN1      MEAN

            MSB-1042                      76.7     91.3     84.0
            TAHOMA 31                     75.0     90.7     82.8
            JSC 80V                       69.7     88.0     78.8
            OKC1406                       70.0     86.3     78.2
            OKC1666                       65.0     91.0     78.0
            FB 1628                       63.3     92.0     77.7
            JSC 2013-5S                   65.0     90.3     77.7
            TIFTUF                        68.3     87.0     77.7
            ASTRO                         65.0     88.7     76.8
            OKS2015-1                     65.0     88.3     76.7
            JSC 2013-10S                  61.7     89.7     75.7
            CELEBRATION HYBRID (MSB-1017) 56.7     94.0     75.3
            OKS2015-7                     60.0     88.7     74.3
            FB 1902                       58.3     90.0     74.2
            OKS2015-3                     58.3     90.0     74.2
            TIFWAY                        58.3     88.7     73.5
            RIVIERA                       58.3     86.7     72.5
            OKC1873                       53.3     90.0     71.7
            OKC1876                       53.3     89.7     71.5
            SUN QUEEN (PST-R6MM)          55.0     87.7     71.3
            JSC 2013-8S                   51.7     88.7     70.2
            LATITUDE 36                   51.7     88.3     70.0
            OKC1682                       53.3     85.0     69.2
            JSC 77V                       53.3     84.3     68.8
            JSC 2013-12S                  50.0     86.7     68.3
            COPPERHEAD (DLF-460/3048)     46.7     87.3     67.0
            MSB-1026                      40.0     92.7     66.3
            JSC 2013-7S                   45.0     86.3     65.7
            MSB-1048                      45.0     85.7     65.3
            FB 1630                       35.0     94.3     64.7
            MONACO                        40.0     83.3     61.7
            PST-R6TM                      36.7     84.0     60.3
            MSB-1075                      21.7     89.3     55.5
            FB 1903                       19.0     90.3     54.7
            MSB-1050                      18.3     89.3     53.8

            LSD VALUE                     20.2      7.8     10.9
            C.V. (%)                      23.6      5.5     13.4
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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 19B.   PERCENT LIVING GROUND COVER (SPRING) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
                                2023 DATA

                   PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS   2/

                   NAME   KS2   TN1   MEAN

                   JSC 2013-5S   65.0   90.3   77.7
                   OKS2015-1   65.0   88.3   76.7
                   JSC 2013-10S   61.7   89.7   75.7
                   OKS2015-7   60.0   88.7   74.3
                   OKS2015-3   58.3   90.0   74.2
                   RIVIERA   58.3   86.7   72.5
                   SUN QUEEN (PST-R6MM)   55.0   87.7   71.3
                   JSC 2013-8S   51.7   88.7   70.2
                   JSC 2013-12S   50.0   86.7   68.3
                   COPPERHEAD (DLF-460/3048)   46.7   87.3   67.0
                   JSC 2013-7S   45.0   86.3   65.7
                   MONACO   40.0   83.3   61.7
                   PST-R6TM   36.7   84.0   60.3

                   LSD VALUE   19.7   7.3   10.5
                   C.V. (%)   23.0   5.2   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 19C. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
2023 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS   2/

NAME	KS2	TN1	MEAN
MSB-1042	76.7	91.3	84.0
TAHOMA 31	75.0	90.7	82.8
JSC 80V	69.7	88.0	78.8
OKC1406	70.0	86.3	78.2
OKC1666	65.0	91.0	78.0
FB 1628	63.3	92.0	77.7
TIFTUF	68.3	87.0	77.7
ASTRO	65.0	88.7	76.8
CELEBRATION HYBRID (MSB-1017)	56.7	94.0	75.3
FB 1902	58.3	90.0	74.2
TIFWAY	58.3	88.7	73.5
OKC1873	53.3	90.0	71.7
OKC1876	53.3	89.7	71.5
LATITUDE 36	51.7	88.3	70.0
OKC1682	53.3	85.0	69.2
JSC 77V	53.3	84.3	68.8
MSB-1026	40.0	92.7	66.3
MSB-1048	45.0	85.7	65.3
FB 1630	35.0	94.3	64.7
MSB-1075	21.7	89.3	55.5
FB 1903	19.0	90.3	54.7
MSB-1050	18.3	89.3	53.8
LSD VALUE	20.6	8.1	11.1
C.V. (%)	24.0	5.6	13.6

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

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

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS   2/

NAME	KS2	TN1	MEAN
OKC1666	97.7	83.0	90.3
OKC1876	99.0	77.0	88.0
TAHOMA 31	99.0	77.0	88.0
OKC1406	99.0	76.3	87.7
CELEBRATION HYBRID (MSB-1017)	97.7	77.3	87.5
TIFWAY	97.7	76.3	87.0
TIFTUF	99.0	72.7	85.8
FB 1902	97.7	73.3	85.5
OKC1873	96.0	74.7	85.3
ASTRO	93.0	77.3	85.2
OKC1682	99.0	71.3	85.2
LATITUDE 36	93.3	74.7	84.0
MSB-1042	96.0	71.3	83.7
JSC 80V	89.3	77.7	83.5
MSB-1050	90.0	75.0	82.5
MSB-1048	99.0	63.3	81.2
MSB-1075	83.3	79.0	81.2
JSC 2013-10S	99.0	62.0	80.5
FB 1630	86.7	73.7	80.2
JSC 77V	94.3	66.0	80.2
MSB-1026	94.3	66.0	80.2
JSC 2013-8S	96.3	62.0	79.2
FB 1628	97.7	59.3	78.5
OKS2015-1	99.0	56.7	77.8
COPPERHEAD (DLF-460/3048)	99.0	56.0	77.5
JSC 2013-5S	97.7	52.0	74.8
OKS2015-3	99.0	49.3	74.2
JSC 2013-12S	96.0	52.0	74.0
FB 1903	70.0	75.7	72.8
SUN QUEEN (PST-R6MM)	96.0	49.0	72.5
JSC 2013-7S	99.0	44.0	71.5
OKS2015-7	86.0	56.3	71.2
PST-R6TM	90.0	44.3	67.2
RIVIERA	91.0	37.7	64.3
MONACO	92.7	31.0	61.8
LSD VALUE	11.2	28.6	15.4
C.V. (%)	7.4	27.4	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 20B.   PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
                                   2023 DATA

                         PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS   2/

                         NAME   KS2   TN1   MEAN

                         JSC 2013-10S   99.0   62.0   80.5
                         JSC 2013-8S   96.3   62.0   79.2
                         OKS2015-1   99.0   56.7   77.8
                         COPPERHEAD (DLF-460/3048) 99.0   56.0   77.5
                         JSC 2013-5S   97.7   52.0   74.8
                         OKS2015-3   99.0   49.3   74.2
                         JSC 2013-12S   96.0   52.0   74.0
                         SUN QUEEN (PST-R6MM)   96.0   49.0   72.5
                         JSC 2013-7S   99.0   44.0   71.5
                         OKS2015-7   86.0   56.3   71.2
                         PST-R6TM   90.0   44.3   67.2
                         RIVIERA   91.0   37.7   64.3
                         MONACO   92.7   31.0   61.8

                         LSD VALUE   13.5   21.3   12.6
                         C.V. (%)   8.8   26.4   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 20C. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
2023 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS   2/

NAME	KS2	TN1	MEAN
OKC1666	97.7	83.0	90.3
OKC1876	99.0	77.0	88.0
TAHOMA 31	99.0	77.0	88.0
OKC1406	99.0	76.3	87.7
CELEBRATION HYBRID (MSB-1017)	97.7	77.3	87.5
TIFWAY	97.7	76.3	87.0
TIFTUF	99.0	72.7	85.8
FB 1902	97.7	73.3	85.5
OKC1873	96.0	74.7	85.3
ASTRO	93.0	77.3	85.2
OKC1682	99.0	71.3	85.2
LATITUDE 36	93.3	74.7	84.0
MSB-1042	96.0	71.3	83.7
JSC 80V	89.3	77.7	83.5
MSB-1050	90.0	75.0	82.5
MSB-1048	99.0	63.3	81.2
MSB-1075	83.3	79.0	81.2
FB 1630	86.7	73.7	80.2
JSC 77V	94.3	66.0	80.2
MSB-1026	94.3	66.0	80.2
FB 1628	97.7	59.3	78.5
FB 1903	70.0	75.7	72.8
LSD VALUE	9.7	32.1	16.8
C.V. (%)	6.4	27.2	17.6

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

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

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS   2/

NAME	KS2	TN1	MEAN
OKC1666	99.0	72.7	85.8
TIFWAY	96.0	74.7	85.3
FB 1902	99.0	71.0	85.0
OKC1406	96.3	73.7	85.0
OKC1682	97.7	72.0	84.8
CELEBRATION HYBRID (MSB-1017)	99.0	70.0	84.5
OKC1876	99.0	68.3	83.7
MSB-1042	99.0	67.7	83.3
TAHOMA 31	94.3	71.0	82.7
TIFTUF	97.7	65.7	81.7
FB 1628	97.7	64.7	81.2
LATITUDE 36	86.7	74.3	80.5
MSB-1048	99.0	61.7	80.3
JSC 80V	93.0	67.0	80.0
MSB-1050	91.3	67.3	79.3
JSC 2013-10S	99.0	59.0	79.0
JSC 2013-8S	97.7	59.3	78.5
FB 1630	86.7	69.0	77.8
OKC1873	94.3	60.7	77.5
PST-R6TM	93.0	61.0	77.0
SUN QUEEN (PST-R6MM)	91.7	62.3	77.0
JSC 77V	94.3	58.7	76.5
OKS2015-1	99.0	53.3	76.2
JSC 2013-7S	99.0	53.0	76.0
COPPERHEAD (DLF-460/3048)	97.7	54.0	75.8
FB 1903	76.7	74.7	75.7
MONACO	94.3	57.0	75.7
MSB-1075	83.3	67.7	75.5
JSC 2013-5S	97.7	53.0	75.3
ASTRO	84.7	64.3	74.5
MSB-1026	93.0	56.0	74.5
OKS2015-7	88.3	60.7	74.5
OKS2015-3	89.7	58.3	74.0
RIVIERA	92.7	51.0	71.8
JSC 2013-12S	93.0	49.7	71.3
LSD VALUE	10.5	17.0	10.0
C.V. (%)	6.9	16.6	11.1

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

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

TABLE 21B.   PERCENT LIVING GROUND COVER (FALL) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
                                    2023 DATA

                    PERCENT LIVING GROUND COVER IN FALL: LOCATIONS   2/

NAME	KS2	TN1	MEAN
JSC 2013-10S	99.0	59.0	79.0
JSC 2013-8S	97.7	59.3	78.5
PST-R6TM	93.0	61.0	77.0
SUN QUEEN (PST-R6MM)	91.7	62.3	77.0
OKS2015-1	99.0	53.3	76.2
JSC 2013-7S	99.0	53.0	76.0
COPPERHEAD (DLF-460/3048)	97.7	54.0	75.8
MONACO	94.3	57.0	75.7
JSC 2013-5S	97.7	53.0	75.3
OKS2015-7	88.3	60.7	74.5
OKS2015-3	89.7	58.3	74.0
RIVIERA	92.7	51.0	71.8
JSC 2013-12S	93.0	49.7	71.3
LSD VALUE	9.3	23.4	12.6
C.V. (%)	6.1	25.8	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 21C.   PERCENT LIVING GROUND COVER (FALL) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
                                       2023 DATA

                        PERCENT LIVING GROUND COVER IN FALL: LOCATIONS   2/

NAME	KS2	TN1	MEAN
OKC1666	99.0	72.7	85.8
TIFWAY	96.0	74.7	85.3
FB 1902	99.0	71.0	85.0
OKC1406	96.3	73.7	85.0
OKC1682	97.7	72.0	84.8
CELEBRATION HYBRID (MSB-1017)	99.0	70.0	84.5
OKC1876	99.0	68.3	83.7
MSB-1042	99.0	67.7	83.3
TAHOMA 31	94.3	71.0	82.7
TIFTUF	97.7	65.7	81.7
FB 1628	97.7	64.7	81.2
LATITUDE 36	86.7	74.3	80.5
MSB-1048	99.0	61.7	80.3
JSC 80V	93.0	67.0	80.0
MSB-1050	91.3	67.3	79.3
FB 1630	86.7	69.0	77.8
OKC1873	94.3	60.7	77.5
JSC 77V	94.3	58.7	76.5
FB 1903	76.7	74.7	75.7
MSB-1075	83.3	67.7	75.5
ASTRO	84.7	64.3	74.5
MSB-1026	93.0	56.0	74.5
LSD VALUE	11.1	11.7	8.1
C.V. (%)	7.4	10.7	8.8

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.

DOLLAR SPOT RATINGS OF BERMUDAGRASS CULTIVARS 1/
                                      2023 DATA

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

                 NAME   MS1   NC1   MEAN

                 FB 1628   8.3   8.0   8.2
                 FB 1903   8.7   7.7   8.2
                 OKS2015-1   8.3   7.7   8.0
                 COPPERHEAD (DLF-460/3048)   8.0   7.7   7.8
                 JSC 80V   8.3   7.3   7.8
                 OKS2015-7   8.7   7.0   7.8
                 JSC 2013-10S   8.3   7.0   7.7
                 OKS2015-3   8.3   7.0   7.7
                 RIVIERA   8.3   7.0   7.7
                 JSC 2013-12S   8.7   6.3   7.5
                 JSC 2013-7S   8.7   6.3   7.5
                 SUN QUEEN (PST-R6MM)   8.7   6.3   7.5
                 OKC1873   8.3   6.3   7.3
                 PST-R6TM   8.0   6.7   7.3
                 FB 1630   8.7   6.0   7.3
                 MONACO   8.7   6.0   7.3
                 JSC 2013-5S   7.3   6.7   7.0
                 JSC 77V   7.3   6.7   7.0
                 JSC 2013-8S   8.7   5.0   6.8
                 FB 1902   8.3   5.0   6.7
                 TIFTUF   7.7   5.7   6.7
                 OKC1406   7.7   5.3   6.5
                 TIFWAY   7.0   6.0   6.5
                 MSB-1050   8.7   4.0   6.3
                 MSB-1048   8.3   4.0   6.2
                 TAHOMA 31   7.0   5.0   6.0
                 ASTRO   5.3   5.7   5.5
                 CELEBRATION HYBRID (MSB-1017) 7.7   3.3   5.5
                 OKC1876   6.3   4.3   5.3
                 OKC1666   7.0   3.3   5.2
                 LATITUDE 36   6.3   3.7   5.0
                 MSB-1042   6.0   4.0   5.0
                 MSB-1075   6.7   3.0   4.8
                 MSB-1026   6.0   3.0   4.5
                 OKC1682   5.7   2.7   4.2

                 LSD VALUE   1.9   1.7   1.3
                 C.V. (%)   15.1   18.9   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 22B.   DOLLAR SPOT RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
                                          2023 DATA

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

NAME	MS1	NC1	MEAN
OKS2015-1	8.3	7.7	8.0
COPPERHEAD (DLF-460/3048)	8.0	7.7	7.8
OKS2015-7	8.7	7.0	7.8
JSC 2013-10S	8.3	7.0	7.7
OKS2015-3	8.3	7.0	7.7
RIVIERA	8.3	7.0	7.7
JSC 2013-12S	8.7	6.3	7.5
JSC 2013-7S	8.7	6.3	7.5
SUN QUEEN (PST-R6MM)	8.7	6.3	7.5
PST-R6TM	8.0	6.7	7.3
MONACO	8.7	6.0	7.3
JSC 2013-5S	7.3	6.7	7.0
JSC 2013-8S	8.7	5.0	6.8
LSD VALUE	1.1	1.7	1.0
C.V. (%)	7.9	16.3	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.

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TABLE 22C.              DOLLAR SPOT RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS  1/
                                          2023 DATA

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

            NAME                                MS1    NC1    MEAN

            FB 1628                             8.3    8.0    8.2
            FB 1903                             8.7    7.7    8.2
            JSC 80V                             8.3    7.3    7.8
            OKC1873                             8.3    6.3    7.3
            FB 1630                             8.7    6.0    7.3
            JSC 77V                             7.3    6.7    7.0
            FB 1902                             8.3    5.0    6.7
            TIFTUF                              7.7    5.7    6.7
            OKC1406                             7.7    5.3    6.5
            TIFWAY                              7.0    6.0    6.5
            MSB-1050                            8.7    4.0    6.3
            MSB-1048                            8.3    4.0    6.2
            TAHOMA 31                           7.0    5.0    6.0
            ASTRO                               5.3    5.7    5.5
            CELEBRATION HYBRID (MSB-1017)       7.7    3.3    5.5
            OKC1876                             6.3    4.3    5.3
            OKC1666                             7.0    3.3    5.2
            LATITUDE 36                         6.3    3.7    5.0
            MSB-1042                            6.0    4.0    5.0
            MSB-1075                            6.7    3.0    4.8
            MSB-1026                            6.0    3.0    4.5
            OKC1682                             5.7    2.7    4.2

            LSD VALUE                           2.2    1.7    1.4
            C.V. (%)                           18.8   20.9   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.
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TABLE 23A.   FALL COLOR (SEPTEMBER) RATINGS OF BERMUDAGRASS CULTIVARS 1/
                                    2023 DATA

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

NAME	OK1	OK3	VA1	MEAN
FB 1628	7.0	7.0	8.3	7.4
CELEBRATION HYBRID (MSB-1017)	6.7	6.7	7.7	7.0
OKC1873	6.7	6.7	7.3	6.9
OKC1876	7.0	7.0	6.7	6.9
TIFWAY	7.0	7.0	6.7	6.9
MSB-1026	6.7	6.7	7.0	6.8
LATITUDE 36	6.3	6.3	7.7	6.8
TIFTUF	6.3	6.3	7.7	6.8
FB 1630	6.7	6.7	6.3	6.6
FB 1902	6.7	6.7	6.3	6.6
FB 1903	6.7	6.7	6.3	6.6
MSB-1048	7.0	7.0	5.7	6.6
MSB-1050	6.7	6.7	6.3	6.6
MSB-1075	6.3	6.3	7.0	6.6
JSC 2013-10S	6.0	6.0	7.3	6.4
OKC1682	6.3	6.3	6.7	6.4
JSC 2013-5S	6.0	6.0	6.7	6.2
OKS2015-7	6.0	6.0	6.7	6.2
JSC 2013-8S	6.3	6.3	6.0	6.2
ASTRO	6.0	6.0	6.3	6.1
OKC1666	6.0	6.0	6.3	6.1
RIVIERA	6.0	6.0	6.3	6.1
JSC 77V	5.7	5.7	6.7	6.0
MONACO	5.7	5.7	6.7	6.0
MSB-1042	5.7	5.7	6.7	6.0
PST-R6TM	6.0	6.0	6.0	6.0
JSC 2013-12S	5.3	5.3	6.7	5.8
JSC 2013-7S	5.3	5.3	6.7	5.8
COPPERHEAD (DLF-460/3048)	5.7	5.7	5.7	5.7
OKS2015-1	5.7	5.7	5.7	5.7
SUN QUEEN (PST-R6MM)	5.7	5.7	5.3	5.6
OKS2015-3	5.3	5.3	5.7	5.4
TAHOMA 31	5.0	5.0	6.3	5.4
JSC 80V	5.7	5.7	4.3	5.2
OKC1406	5.7	5.7	3.7	5.0
LSD VALUE	0.8	0.8	1.6	0.7
C.V. (%)	8.6	8.6	15.2	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.

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TABLE 23B.            FALL COLOR (SEPTEMBER) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS  1/
                                 2023 DATA

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

              NAME                       OK1    OK3    VA1    MEAN

              JSC 2013-10S               6.0    6.0    7.3    6.4
              JSC 2013-5S                6.0    6.0    6.7    6.2
              OKS2015-7                  6.0    6.0    6.7    6.2
              JSC 2013-8S                6.3    6.3    6.0    6.2
              RIVIERA                    6.0    6.0    6.3    6.1
              MONACO                     5.7    5.7    6.7    6.0
              PST-R6TM                   6.0    6.0    6.0    6.0
              JSC 2013-12S               5.3    5.3    6.7    5.8
              JSC 2013-7S                5.3    5.3    6.7    5.8
              COPPERHEAD (DLF-460/3048)  5.7    5.7    5.7    5.7
              OKS2015-1                  5.7    5.7    5.7    5.7
              SUN QUEEN (PST-R6MM)       5.7    5.7    5.3    5.6
              OKS2015-3                  5.3    5.3    5.7    5.4

              LSD VALUE                  0.7    0.7    1.2    0.5
              C.V. (%)                   7.9    7.9   12.3    9.7
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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 23C.   FALL COLOR (SEPTEMBER) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
                                         2023 DATA

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

NAME	OK1	OK3	VA1	MEAN
FB 1628	7.0	7.0	8.3	7.4
CELEBRATION HYBRID (MSB-1017)	6.7	6.7	7.7	7.0
OKC1873	6.7	6.7	7.3	6.9
OKC1876	7.0	7.0	6.7	6.9
TIFWAY	7.0	7.0	6.7	6.9
MSB-1026	6.7	6.7	7.0	6.8
LATITUDE 36	6.3	6.3	7.7	6.8
TIFTUF	6.3	6.3	7.7	6.8
FB 1630	6.7	6.7	6.3	6.6
FB 1902	6.7	6.7	6.3	6.6
FB 1903	6.7	6.7	6.3	6.6
MSB-1048	7.0	7.0	5.7	6.6
MSB-1050	6.7	6.7	6.3	6.6
MSB-1075	6.3	6.3	7.0	6.6
OKC1682	6.3	6.3	6.7	6.4
ASTRO	6.0	6.0	6.3	6.1
OKC1666	6.0	6.0	6.3	6.1
JSC 77V	5.7	5.7	6.7	6.0
MSB-1042	5.7	5.7	6.7	6.0
TAHOMA 31	5.0	5.0	6.3	5.4
JSC 80V	5.7	5.7	4.3	5.2
OKC1406	5.7	5.7	3.7	5.0
LSD VALUE	0.9	0.9	1.7	0.7
C.V. (%)	8.9	8.9	16.5	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.

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TABLE 24A.              FALL COLOR (OCTOBER) RATINGS OF BERMUDAGRASS CULTIVARS  1/
                                     2023 DATA

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

        NAME                          FL3    KS2    NC1    OK1    OK3    VA1    MEAN

        TIFTUF                        7.7    4.3    7.7    4.0    3.0    8.0    5.8
        FB 1628                       8.0    4.0    8.0    3.3    3.3    6.3    5.5
        FB 1902                       8.3    4.0    7.3    3.0    2.7    7.0    5.4
        JSC 2013-10S                  8.0    3.0    6.0    4.0    4.0    7.0    5.3
        OKC1682                       7.7    3.3    6.0    4.0    4.0    7.0    5.3
        TAHOMA 31                     6.7    3.3    6.7    4.7    4.7    6.0    5.3
        OKS2015-7                     7.7    3.0    5.3    5.0    4.7    6.0    5.3
        MSB-1042                      7.7    4.0    6.0    3.3    3.3    6.7    5.2
        OKS2015-1                     7.0    4.7    5.7    4.0    4.0    5.7    5.2
        OKS2015-3                     7.3    3.7    5.3    4.7    4.0    6.0    5.2
        OKC1873                       7.0    6.0    5.0    2.3    3.3    7.0    5.1
        LATITUDE 36                   7.3    3.0    6.3    3.3    3.3    7.3    5.1
        RIVIERA                       7.0    3.0    5.7    4.7    4.0    6.0    5.1
        OKC1876                       8.3    3.7    6.7    2.3    2.3    7.0    5.1
        TIFWAY                        6.7    4.3    7.0    2.7    2.7    6.7    5.0
        JSC 2013-7S                   8.0    3.0    5.0    4.0    3.3    6.7    5.0
        JSC 77V                       6.7    3.0    5.7    5.3    4.3    5.0    5.0
        ASTRO                         6.3    5.0    5.3    4.0    4.0    5.3    5.0
        PST-R6TM                      7.7    4.0    4.7    3.0    4.0    6.3    4.9
        MSB-1075                      7.7    4.7    5.7    2.3    2.3    7.0    4.9
        JSC 2013-12S                  7.7    3.3    5.0    4.0    3.7    5.7    4.9
        JSC 2013-5S                   8.0    3.3    4.3    4.0    4.0    5.7    4.9
        MONACO                        8.0    3.0    4.7    3.7    4.3    5.7    4.9
        FB 1903                       8.3    4.3    7.3    2.3    2.3    4.3    4.8
        MSB-1026                      8.7    3.0    4.7    2.7    2.7    7.0    4.8
        OKC1666                       6.7    5.3    4.3    2.7    2.7    7.0    4.8
        COPPERHEAD (DLF-460/3048)     7.3    3.0    4.3    3.0    4.0    6.7    4.7
        FB 1630                       8.7    3.3    7.3    2.3    2.0    4.7    4.7
        CELEBRATION HYBRID (MSB-1017) 8.7    3.0    6.3    2.0    2.0    6.0    4.7
        JSC 80V                       7.3    4.0    5.0    4.0    4.0    3.7    4.7
        JSC 2013-8S                   7.7    3.0    4.3    4.0    4.0    4.7    4.6
        SUN QUEEN (PST-R6MM)          7.0    3.0    3.7    3.0    3.3    6.7    4.4
        MSB-1050                      7.7    2.7    5.7    2.0    2.0    6.3    4.4
        OKC1406                       5.7    3.3    6.0    4.0    4.0    3.0    4.3
        MSB-1048                      7.7    3.3    4.0    2.0    2.0    3.0    3.7

        LSD VALUE                     1.0    0.9    1.4    0.7    0.9    2.3    0.5
        C.V. (%)                      8.3   14.9   14.9   13.4   17.3   23.9   16.5
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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.

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TABLE 24B.            FALL COLOR (OCTOBER) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS  1/
                                  2023 DATA

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

         NAME                     FL3    KS2    NC1    OK1    OK3    VA1    MEAN

         JSC 2013-10S             8.0    3.0    6.0    4.0    4.0    7.0    5.3
         OKS2015-7                7.7    3.0    5.3    5.0    4.7    6.0    5.3
         OKS2015-1                7.0    4.7    5.7    4.0    4.0    5.7    5.2
         OKS2015-3                7.3    3.7    5.3    4.7    4.0    6.0    5.2
         RIVIERA                  7.0    3.0    5.7    4.7    4.0    6.0    5.1
         JSC 2013-7S              8.0    3.0    5.0    4.0    3.3    6.7    5.0
         PST-R6TM                 7.7    4.0    4.7    3.0    4.0    6.3    4.9
         JSC 2013-12S             7.7    3.3    5.0    4.0    3.7    5.7    4.9
         JSC 2013-5S              8.0    3.3    4.3    4.0    4.0    5.7    4.9
         MONACO                   8.0    3.0    4.7    3.7    4.3    5.7    4.9
         COPPERHEAD (DLF-460/3048) 7.3   3.0    4.3    3.0    4.0    6.7    4.7
         JSC 2013-8S              7.7    3.0    4.3    4.0    4.0    4.7    4.6
         SUN QUEEN (PST-R6MM)     7.0    3.0    3.7    3.0    3.3    6.7    4.4

         LSD VALUE                0.9    0.5    1.2    0.4    0.9    2.1    0.5
         C.V. (%)                 7.3    9.7   15.3    7.1   13.4   22.0   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.
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TABLE 24C.   FALL COLOR (OCTOBER) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
                                    2023 DATA

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

NAME	FL3	KS2	NC1	OK1	OK3	VA1	MEAN
TIFTUF	7.7	4.3	7.7	4.0	3.0	8.0	5.8
FB 1628	8.0	4.0	8.0	3.3	3.3	6.3	5.5
FB 1902	8.3	4.0	7.3	3.0	2.7	7.0	5.4
OKC1682	7.7	3.3	6.0	4.0	4.0	7.0	5.3
TAHOMA 31	6.7	3.3	6.7	4.7	4.7	6.0	5.3
MSB-1042	7.7	4.0	6.0	3.3	3.3	6.7	5.2
OKC1873	7.0	6.0	5.0	2.3	3.3	7.0	5.1
LATITUDE 36	7.3	3.0	6.3	3.3	3.3	7.3	5.1
OKC1876	8.3	3.7	6.7	2.3	2.3	7.0	5.1
TIFWAY	6.7	4.3	7.0	2.7	2.7	6.7	5.0
JSC 77V	6.7	3.0	5.7	5.3	4.3	5.0	5.0
ASTRO	6.3	5.0	5.3	4.0	4.0	5.3	5.0
MSB-1075	7.7	4.7	5.7	2.3	2.3	7.0	4.9
FB 1903	8.3	4.3	7.3	2.3	2.3	4.3	4.8
MSB-1026	8.7	3.0	4.7	2.7	2.7	7.0	4.8
OKC1666	6.7	5.3	4.3	2.7	2.7	7.0	4.8
FB 1630	8.7	3.3	7.3	2.3	2.0	4.7	4.7
CELEBRATION HYBRID (MSB-1017)	8.7	3.0	6.3	2.0	2.0	6.0	4.7
JSC 80V	7.3	4.0	5.0	4.0	4.0	3.7	4.7
MSB-1050	7.7	2.7	5.7	2.0	2.0	6.3	4.4
OKC1406	5.7	3.3	6.0	4.0	4.0	3.0	4.3
MSB-1048	7.7	3.3	4.0	2.0	2.0	3.0	3.7
LSD VALUE	1.1	1.0	1.4	0.9	1.0	2.4	0.6
C.V. (%)	8.8	16.6	14.7	17.2	20.2	25.0	17.6

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

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

TABLE 25A.   FALL COLOR (NOVEMBER) RATINGS OF BERMUDAGRASS CULTIVARS 1/
                             2023 DATA

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

NAME	FL3	VA1	MEAN
FB 1902	5.7	5.3	5.5
TIFTUF	5.7	5.3	5.5
OKC1876	5.7	5.0	5.3
TIFWAY	5.7	5.0	5.3
LATITUDE 36	5.3	5.3	5.3
MSB-1042	5.3	5.3	5.3
OKC1682	6.0	3.7	4.8
OKC1873	5.3	4.3	4.8
JSC 2013-5S	5.3	3.7	4.5
JSC 2013-10S	5.0	3.3	4.2
JSC 2013-7S	4.7	3.7	4.2
COPPERHEAD (DLF-460/3048)	4.3	4.0	4.2
FB 1628	4.3	4.0	4.2
PST-R6TM	4.3	4.0	4.2
ASTRO	4.3	3.7	4.0
FB 1630	4.7	3.3	4.0
JSC 77V	5.3	2.7	4.0
OKS2015-7	4.7	3.0	3.8
JSC 80V	4.3	3.3	3.8
MSB-1026	4.0	3.7	3.8
MSB-1075	4.0	3.7	3.8
CELEBRATION HYBRID (MSB-1017)	4.0	3.3	3.7
RIVIERA	4.0	3.3	3.7
SUN QUEEN (PST-R6MM)	4.0	3.3	3.7
JSC 2013-12S	4.3	3.0	3.7
OKS2015-1	4.3	3.0	3.7
JSC 2013-8S	4.3	2.7	3.5
OKC1666	4.7	2.3	3.5
OKS2015-3	3.7	3.3	3.5
MONACO	3.7	3.0	3.3
MSB-1050	2.7	3.7	3.2
FB 1903	3.7	2.3	3.0
OKC1406	4.0	2.0	3.0
TAHOMA 31	3.3	2.0	2.7
MSB-1048	3.3	1.0	2.2
LSD VALUE	1.3	2.8	1.5
C.V. (%)	18.0	49.2	33.7

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 25B.   FALL COLOR (NOVEMBER) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
                                        2023 DATA

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

NAME	FL3	VA1	MEAN
JSC 2013-5S	5.3	3.7	4.5
JSC 2013-10S	5.0	3.3	4.2
JSC 2013-7S	4.7	3.7	4.2
COPPERHEAD (DLF-460/3048)	4.3	4.0	4.2
PST-R6TM	4.3	4.0	4.2
OKS2015-7	4.7	3.0	3.8
RIVIERA	4.0	3.3	3.7
SUN QUEEN (PST-R6MM)	4.0	3.3	3.7
JSC 2013-12S	4.3	3.0	3.7
OKS2015-1	4.3	3.0	3.7
JSC 2013-8S	4.3	2.7	3.5
OKS2015-3	3.7	3.3	3.5
MONACO	3.7	3.0	3.3
LSD VALUE	0.9	1.7	1.0
C.V. (%)	13.2	31.5	22.0

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 25C.   FALL COLOR (NOVEMBER) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
                                2023 DATA

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

NAME	FL3	VA1	MEAN
FB 1902	5.7	5.3	5.5
TIFTUF	5.7	5.3	5.5
OKC1876	5.7	5.0	5.3
TIFWAY	5.7	5.0	5.3
LATITUDE 36	5.3	5.3	5.3
MSB-1042	5.3	5.3	5.3
OKC1682	6.0	3.7	4.8
OKC1873	5.3	4.3	4.8
FB 1628	4.3	4.0	4.2
ASTRO	4.3	3.7	4.0
FB 1630	4.7	3.3	4.0
JSC 77V	5.3	2.7	4.0
JSC 80V	4.3	3.3	3.8
MSB-1026	4.0	3.7	3.8
MSB-1075	4.0	3.7	3.8
CELEBRATION HYBRID (MSB-1017)	4.0	3.3	3.7
OKC1666	4.7	2.3	3.5
MSB-1050	2.7	3.7	3.2
FB 1903	3.7	2.3	3.0
OKC1406	4.0	2.0	3.0
TAHOMA 31	3.3	2.0	2.7
MSB-1048	3.3	1.0	2.2
LSD VALUE	1.5	3.3	1.8
C.V. (%)	20.0	55.8	38.3

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.

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                              SEEDHEAD RATINGS OF BERMUDAGRASS CULTIVARS  1/
                                          2023 DATA

                           SEEDHEAD RATINGS 1-9; 9=NONE    2/

              NAME                              KS2      MS1      NC1      MEAN

              MSB-1050                          8.7      9.0      8.7      8.8
              OKC1666                           8.7      9.0      8.3      8.7
              MSB-1042                          9.0      9.0      7.3      8.4
              CELEBRATION HYBRID (MSB-1017)     8.0      9.0      8.0      8.3
              MSB-1048                          8.3      9.0      7.7      8.3
              MSB-1026                          8.7      9.0      7.3      8.3
              LATITUDE 36                       8.7      9.0      7.0      8.2
              TIFWAY                            7.7      9.0      7.7      8.1
              OKC1873                           7.7      9.0      7.0      7.9
              ASTRO                             8.7      8.0      7.0      7.9
              TAHOMA 31                         7.7      9.0      5.7      7.4
              JSC 80V                           8.0      8.0      5.7      7.2
              OKC1682                           7.3      9.0      5.0      7.1
              OKC1406                           7.0      8.3      5.7      7.0
              OKC1876                           7.3      9.0      4.3      6.9
              TIFTUF                            6.7      9.0      4.0      6.6
              JSC 77V                           6.3      7.0      6.3      6.6
              FB 1903                           5.7      8.7      4.3      6.2
              JSC 2013-10S                      6.3      7.0      5.3      6.2
              RIVIERA                           7.3      5.3      6.0      6.2
              MONACO                            6.7      6.0      5.0      5.9
              FB 1902                           5.3      8.7      3.0      5.7
              COPPERHEAD (DLF-460/3048)         7.0      2.3      6.7      5.3
              FB 1628                           4.3      9.0      2.7      5.3
              JSC 2013-12S                      6.0      5.0      5.0      5.3
              JSC 2013-8S                       5.7      5.7      4.7      5.3
              FB 1630                           3.7      9.0      3.0      5.2
              MSB-1075                          3.7      9.0      3.0      5.2
              OKS2015-3                         7.7      2.3      5.7      5.2
              JSC 2013-5S                       6.7      4.0      4.7      5.1
              OKS2015-1                         7.0      2.0      6.3      5.1
              OKS2015-7                         6.7      3.7      4.7      5.0
              JSC 2013-7S                       5.7      4.3      4.7      4.9
              PST-R6TM                          6.3      3.3      5.0      4.9
              SUN QUEEN (PST-R6MM)              6.0      2.3      3.7      4.0

              LSD VALUE                         1.3      0.9      2.3      0.9
              C.V. (%)                         11.5      7.9     25.1     15.1
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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.

SEEDHEAD RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
                                      2023 DATA

                        SEEDHEAD RATINGS 1-9; 9=NONE   2/

NAME	KS2	MS1	NC1	MEAN
JSC 2013-10S	6.3	7.0	5.3	6.2
RIVIERA	7.3	5.3	6.0	6.2
MONACO	6.7	6.0	5.0	5.9
COPPERHEAD (DLF-460/3048)	7.0	2.3	6.7	5.3
JSC 2013-12S	6.0	5.0	5.0	5.3
JSC 2013-8S	5.7	5.7	4.7	5.3
OKS2015-3	7.7	2.3	5.7	5.2
JSC 2013-5S	6.7	4.0	4.7	5.1
OKS2015-1	7.0	2.0	6.3	5.1
OKS2015-7	6.7	3.7	4.7	5.0
JSC 2013-7S	5.7	4.3	4.7	4.9
PST-R6TM	6.3	3.3	5.0	4.9
SUN QUEEN (PST-R6MM)	6.0	2.3	3.7	4.0
LSD VALUE	1.5	1.2	3.0	1.2
C.V. (%)	14.7	18.7	36.3	24.6

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.

SEEDHEAD RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
                                          2023 DATA

                              SEEDHEAD RATINGS 1-9; 9=NONE   2/

NAME	KS2	MS1	NC1	MEAN
MSB-1050	8.7	9.0	8.7	8.8
OKC1666	8.7	9.0	8.3	8.7
MSB-1042	9.0	9.0	7.3	8.4
CELEBRATION HYBRID (MSB-1017)	8.0	9.0	8.0	8.3
MSB-1048	8.3	9.0	7.7	8.3
MSB-1026	8.7	9.0	7.3	8.3
LATITUDE 36	8.7	9.0	7.0	8.2
TIFWAY	7.7	9.0	7.7	8.1
OKC1873	7.7	9.0	7.0	7.9
ASTRO	8.7	8.0	7.0	7.9
TAHOMA 31	7.7	9.0	5.7	7.4
JSC 80V	8.0	8.0	5.7	7.2
OKC1682	7.3	9.0	5.0	7.1
OKC1406	7.0	8.3	5.7	7.0
OKC1876	7.3	9.0	4.3	6.9
TIFTUF	6.7	9.0	4.0	6.6
JSC 77V	6.3	7.0	6.3	6.6
FB 1903	5.7	8.7	4.3	6.2
FB 1902	5.3	8.7	3.0	5.7
FB 1628	4.3	9.0	2.7	5.3
FB 1630	3.7	9.0	3.0	5.2
MSB-1075	3.7	9.0	3.0	5.2
LSD VALUE	1.1	0.6	1.7	0.7
C.V. (%)	9.4	4.2	17.6	10.2

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

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

SPRING DEAD SPOT RATINGS OF BERMUDAGRASS CULTIVARS 1/
2023 DATA

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

NAME	IN1	NC1	MEAN
TIFWAY	.	9.0	9.0
FB 1628	.	8.3	8.3
MSB-1042	7.0	9.0	8.0
FB 1902	7.0	8.3	7.7
OKC1406	7.7	7.7	7.7
OKC1666	7.0	8.3	7.7
OKS2015-3	.	7.7	7.7
JSC 2013-5S	6.3	9.0	7.7
JSC 2013-10S	6.0	9.0	7.5
JSC 2013-7S	6.0	9.0	7.5
OKS2015-1	6.0	9.0	7.5
MONACO	6.0	8.3	7.2
JSC 2013-12S	6.3	8.0	7.2
JSC 2013-8S	6.0	8.0	7.0
TAHOMA 31	5.7	8.3	7.0
ASTRO	5.3	8.3	6.8
OKS2015-7	6.0	7.7	6.8
RIVIERA	6.0	7.7	6.8
FB 1630	6.5	7.0	6.8
CELEBRATION HYBRID (MSB-1017)	7.0	6.3	6.7
LATITUDE 36	4.3	9.0	6.7
PST-R6TM	7.0	6.3	6.7
JSC 77V	4.0	9.0	6.5
OKC1682	5.3	7.7	6.5
TIFTUF	4.7	8.3	6.5
COPPERHEAD (DLF-460/3048)	4.5	8.3	6.4
OKC1873	6.5	6.3	6.4
JSC 80V	5.0	7.7	6.3
MSB-1048	4.7	7.7	6.2
OKC1876	.	5.7	5.7
SUN QUEEN (PST-R6MM)	5.0	6.3	5.7
MSB-1075	5.0	6.0	5.5
FB 1903	6.0	4.7	5.3
MSB-1050	5.0	5.0	5.0
MSB-1026	4.5	4.7	4.6
LSD VALUE	2.2	2.0	1.5
C.V. (%)	17.5	16.5	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 27B.   SPRING DEAD SPOT RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/
                              2023 DATA

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

            NAME   IN1   NC1   MEAN

            OKS2015-3   .   7.7   7.7
            JSC 2013-5S   6.3   9.0   7.7
            JSC 2013-10S   6.0   9.0   7.5
            JSC 2013-7S   6.0   9.0   7.5
            OKS2015-1   6.0   9.0   7.5
            MONACO   6.0   8.3   7.2
            JSC 2013-12S   6.3   8.0   7.2
            JSC 2013-8S   6.0   8.0   7.0
            OKS2015-7   6.0   7.7   6.8
            RIVIERA   6.0   7.7   6.8
            PST-R6TM   7.0   6.3   6.7
            COPPERHEAD (DLF-460/3048)   4.5   8.3   6.4
            SUN QUEEN (PST-R6MM)   5.0   6.3   5.7

            LSD VALUE   3.1   2.1   1.7
            C.V. (%)   22.4   16.0   18.4

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.   SPRING DEAD SPOT RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/
                              2023 DATA

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

            NAME   IN1   NC1   MEAN

            TIFWAY   .   9.0   9.0
            FB 1628   .   8.3   8.3
            MSB-1042   7.0   9.0   8.0
            FB 1902   7.0   8.3   7.7
            OKC1406   7.7   7.7   7.7
            OKC1666   7.0   8.3   7.7
            TAHOMA 31   5.7   8.3   7.0
            ASTRO   5.3   8.3   6.8
            FB 1630   6.5   7.0   6.8
            CELEBRATION HYBRID (MSB-1017)   7.0   6.3   6.7
            LATITUDE 36   4.3   9.0   6.7
            JSC 77V   4.0   9.0   6.5
            OKC1682   5.3   7.7   6.5
            TIFTUF   4.7   8.3   6.5
            OKC1873   6.5   6.3   6.4
            JSC 80V   5.0   7.7   6.3
            MSB-1048   4.7   7.7   6.2
            OKC1876   .   5.7   5.7
            MSB-1075   5.0   6.0   5.5
            FB 1903   6.0   4.7   5.3
            MSB-1050   5.0   5.0   5.0
            MSB-1026   4.5   4.7   4.6

            LSD VALUE   1.8   2.0   1.5
            C.V. (%)   15.3   16.8   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.

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                          SEEDHEAD RATINGS OF BERMUDAGRASS CULTIVARS
                                    AT MISS. ST., MS    1/
                                         2023 DATA

                          SEEDHEAD RATINGS 1-9; 9=NONE   2/


        NAME                        MAY       JULY      OCTOBER    MEAN

        FB 1630                     9.0       7.0        2.0       6.0
        FB 1902                     8.7       5.0        4.0       5.9
        FB 1628                     9.0       6.3        1.0       5.4
        FB 1903                     8.7       4.3        2.0       5.0
        JSC 2013-10S                7.0       3.7        3.0       4.6
        JSC 2013-7S                 4.3       5.7        3.3       4.4
        OKC1406                     8.3       3.0        1.7       4.3
        TAHOMA 31                   9.0       2.0        2.0       4.3
        PST-R6TM                    3.3       4.0        5.3       4.2
        CELEBRATION HYBRID (MSB-1017) 9.0     2.3        1.0       4.1
        OKC1876                     9.0       2.3        1.0       4.1
        LATITUDE 36                 9.0       1.7        1.3       4.0
        JSC 2013-12S                5.0       3.7        3.0       3.9
        JSC 2013-5S                 4.0       4.0        3.7       3.9
        JSC 2013-8S                 5.7       3.3        2.7       3.9
        OKC1666                     9.0       1.7        1.0       3.9
        OKC1873                     9.0       1.7        1.0       3.9
        SUN QUEEN (PST-R6MM)        2.3       4.3        5.0       3.9
        TIFTUF                      9.0       1.7        1.0       3.9
        TIFWAY                      9.0       1.7        1.0       3.9
        JSC 80V                     8.0       2.3        1.0       3.8
        MSB-1050                    9.0       1.3        1.0       3.8
        MSB-1075                    9.0       1.3        1.0       3.8
        OKC1682                     9.0       1.3        1.0       3.8
        COPPERHEAD (DLF-460/3048)   2.3       4.3        4.3       3.7
        MSB-1026                    9.0       1.0        1.0       3.7
        MSB-1042                    9.0       1.0        1.0       3.7
        MSB-1048                    9.0       1.0        1.0       3.7
        OKS2015-7                   3.7       3.7        3.7       3.7
        MONACO                      6.0       2.3        2.3       3.6
        ASTRO                       8.0       1.3        1.0       3.4
        JSC 77V                     7.0       2.0        1.3       3.4
        RIVIERA                     5.3       2.7        2.3       3.4
        OKS2015-1                   2.0       2.7        3.7       2.8
        OKS2015-3                   2.3       3.3        2.0       2.6

        LSD VALUE                   0.8       1.1        0.9       0.6
        C.V. (%)                    7.7      25.9       27.8       9.2
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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.

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TABLE 28B.              SEEDHEAD RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
                                AT MISS. ST., MS   1/
                                   2023 DATA

                        SEEDHEAD RATINGS 1-9; 9=NONE  2/

        NAME                            MAY         JULY      OCTOBER      MEAN

        JSC 2013-10S                    7.0         3.7         3.0        4.6
        JSC 2013-7S                     4.3         5.7         3.3        4.4
        PST-R6TM                        3.3         4.0         5.3        4.2
        JSC 2013-12S                    5.0         3.7         3.0        3.9
        JSC 2013-5S                     4.0         4.0         3.7        3.9
        JSC 2013-8S                     5.7         3.3         2.7        3.9
        SUN QUEEN (PST-R6MM)            2.3         4.3         5.0        3.9
        COPPERHEAD (DLF-460/3048)       2.3         4.3         4.3        3.7
        OKS2015-7                       3.7         3.7         3.7        3.7
        MONACO                          6.0         2.3         2.3        3.6
        RIVIERA                         5.3         2.7         2.3        3.4
        OKS2015-1                       2.0         2.7         3.7        2.8
        OKS2015-3                       2.3         3.3         2.0        2.6

        LSD VALUE                       1.1         1.5         1.1        0.8
        C.V. (%)                       17.3        22.4        19.9       12.6


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

2/  C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
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TABLE 28C.                    SEEDHEAD RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
                                           AT MISS. ST., MS    1/
                                                2023 DATA

                               SEEDHEAD RATINGS 1-9; 9=NONE  2/

          NAME                               MAY        JULY     OCTOBER      MEAN

          FB 1630                            9.0        7.0        2.0        6.0
          FB 1902                            8.7        5.0        4.0        5.9
          FB 1628                            9.0        6.3        1.0        5.4
          FB 1903                            8.7        4.3        2.0        5.0
          OKC1406                            8.3        3.0        1.7        4.3
          TAHOMA 31                          9.0        2.0        2.0        4.3
          CELEBRATION HYBRID (MSB-1017)      9.0        2.3        1.0        4.1
          OKC1876                            9.0        2.3        1.0        4.1
          LATITUDE 36                        9.0        1.7        1.3        4.0
          OKC1666                            9.0        1.7        1.0        3.9
          OKC1873                            9.0        1.7        1.0        3.9
          TIFTUF                             9.0        1.7        1.0        3.9
          TIFWAY                             9.0        1.7        1.0        3.9
          JSC 80V                            8.0        2.3        1.0        3.8
          MSB-1050                           9.0        1.3        1.0        3.8
          MSB-1075                           9.0        1.3        1.0        3.8
          OKC1682                            9.0        1.3        1.0        3.8
          MSB-1026                           9.0        1.0        1.0        3.7
          MSB-1042                           9.0        1.0        1.0        3.7
          MSB-1048                           9.0        1.0        1.0        3.7
          ASTRO                              8.0        1.3        1.0        3.4
          JSC 77V                            7.0        2.0        1.3        3.4

          LSD VALUE                          0.6        1.1        0.8        0.4
          C.V. (%)                           4.3       28.8       36.4        7.0
```

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

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

APPENDIX TABLE.   SUMMARY OF TURFGRASS QUALITY RATINGS FOR BERMUDAGRASS CULTIVARS */
                              2023 DATA

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

| | QUALITY | MAXIMUM |
NAME	MEAN 1/	IN TOP 25% 2/
TAHOMA 31	6.3	63.6
FB 1628	6.2	54.5
LATITUDE 36	6.2	72.7
TIFTUF	6.1	63.6
JSC 77V	5.9	18.2
JSC 80V	5.9	45.5
MONACO	5.9	18.2
MSB-1042	5.9	45.5
RIVIERA	5.9	27.3
TIFWAY	5.9	27.3
ASTRO	5.8	18.2
CELEBRATION HYBRID (MSB-1017)	5.8	18.2
JSC 2013-10S	5.8	18.2
JSC 2013-12S	5.8	18.2
JSC 2013-7S	5.8	27.3
OKC1406	5.8	9.1
JSC 2013-8S	5.7	27.3
OKC1682	5.7	36.4
OKS2015-3	5.7	18.2
JSC 2013-5S	5.6	18.2
OKC1876	5.6	18.2
OKS2015-1	5.6	9.1
OKS2015-7	5.6	9.1
COPPERHEAD (DLF-460/3048)	5.5	9.1
FB 1630	5.5	18.2
FB 1903	5.5	0.0
MSB-1048	5.5	9.1
OKC1666	5.5	18.2
MSB-1026	5.4	9.1
FB 1902	5.3	9.1
MSB-1050	5.3	18.2
OKC1873	5.3	0.0
PST-R6TM	5.3	9.1
SUN QUEEN (PST-R6MM)	5.3	9.1
MSB-1075	4.8	9.1
LSD VALUE	0.3	
C.V. (%)	9.2	

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