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
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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 WARM-SEASON PUTTING GREEN TEST

LOCATIONS SUBMITTING DATA FOR 2023

State	Location	Code
California	Riverside	CA3
Florida	Jay	FL3
Mississippi	Mississippi State	MS1
Texas	College Station	TX2
Virginia	Richmond (Country Club of Virginia)	VA6

2019 National Warm-Season Putting Green Test
Entries and Sponsors

Entry No.	Name	Species	Sponsor
*1	Tifdwarf	Bermudagrass	Standard Entry
*2	Tifeagle	Bermudagrass	Standard Entry
*3	Mini-Verde	Bermudagrass	Standard Entry
4	OKC0805	Bermudagrass	Oklahoma State University
5	OKC3920	Bermudagrass	Oklahoma State University
6	OKC0920	Bermudagrass	Oklahoma State University
7	MSB-1050	Bermudagrass	Mississippi State University
*8	Tahoma 31	Bermudagrass	Sod Production Services
9	FB 1901	Bermudagrass	University of Florida
10	DALZ 1814	Zoysiagrass	Texas A&M Agrilife Research
11	DALZ 1815	Zoysiagrass	Texas A&M Agrilife Research
12	FZ 1717	Zoysiagrass	University of Florida
13	FZ 1710	Zoysiagrass	University of Florida
14	FZ 1714	Zoysiagrass	University of Florida
*15	Diamond	Zoysiagrass	Standard Entry
*16	SeaStar	Seashore Paspalum	Standard Entry
17	UGA 16-1105	Seashore Paspalum	University of Georgia
18	UGA 17-622	Seashore Paspalum	University of Georgia
19	UGA 17-653	Seashore Paspalum	University of Georgia

* Commercially Available in the USA in 2024

2023 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN
THE 2019 NATIONAL WARM-SEASON GRASS (GREEN) 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	SAND	7.1-7.5	0-60	241-375	2.1-3.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
FL3	SAND	6.6-7.0	0-60	0-150	4.1-5.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
MS1	SANDY LOAM	7.1-7.5	271-450	241-375	3.1-4.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
TX2	-	7.6-8.5	-	-	8.1+	FULL SUN	0.0-0.5	TO PREVENT STRESS
VA6	-	-	-	-	-	-	-	-

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
FL3		X	X	X	X	X	X	X	X	X	X		X	X	X
MS1			X	X	X	X	X	X	X	X			X	X	X
TX2			X	X	X	X	X	X	X	X			X	X	X
VA6		X	X	X	X	X	X		X		X		X	X	

TABLE B. (CONT'D) LOCATIONS AND DATA COLLECTED IN 2023

LOCATION	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	WINTER COLOR	FALL COLOR SEPTEMBER	FALL COLOR OCTOBER	FALL COLOR NOVEMBER	FALL COLOR DECEMBER	SEEDHEAD RATINGS	SEEDHEAD RATINGS APRIL	JUNE	OCTOBER
* CA3	X	X	X						X	X			
FL3	X	X	X			X	X			X	X	X	X
* MS1				X									
TX2													
VA6	X	X	X		X								

* THE BALL ROLL MEASUREMENTS FOR CA3 AND MS1 IN TABLE 23 AND 24.

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            TABLE 1A.            MEAN TURFGRASS QUALITY RATINGS OF WARM-SEASON CULTIVARS
                                         AT RIVERSIDE, CA  1/
                                              2023 DATA

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

            NAME                  MAR    APR    MAY    JUN    JUL    AUG    SEP    NOV    DEC    MEAN

            FZ 1710       ZG       4.7    7.3    8.7    8.0    8.0    8.3    7.7    5.0    5.0    7.0
            DALZ 1815     ZG       5.7    3.7    7.7    7.7    7.0    7.3    4.7    6.0    6.0    6.2
            FZ 1714       ZG       4.7    6.3    7.7    8.3    7.3    7.3    6.3    4.0    4.0    6.2
            FZ 1717       ZG       4.3    7.0    8.0    8.0    7.0    7.3    6.7    3.0    3.0    6.0
            MINI-VERDE    BG       4.0    5.3    8.0    8.0    8.0    7.7    7.3    3.0    2.3    6.0
            DALZ 1814     ZG       5.0    6.3    7.3    6.7    6.7    6.7    4.3    5.0    4.7    5.9
            TIFDWARF      BG       4.3    7.3    7.7    7.7    7.0    7.7    6.0    2.7    2.0    5.8
            TIFEAGLE      BG       4.0    6.3    8.0    7.7    7.3    7.7    6.7    2.7    1.7    5.8
            FB 1901       BG       5.0    7.0    7.3    7.3    7.3    7.3    7.0    2.0    1.3    5.7
            OKC3920       BG       4.3    8.0    7.7    7.3    7.0    7.0    5.7    2.3    1.7    5.7
            UGA 16-1105   SP       4.7    5.0    7.0    7.7    6.7    7.0    5.7    3.3    2.7    5.5
            UGA 17-653    SP       4.7    5.3    7.0    7.7    7.3    7.3    6.7    2.0    1.3    5.5
            OKC0920       BG       5.0    6.7    7.7    6.7    6.7    7.0    5.0    2.3    1.3    5.4
            DIAMOND       ZG       5.3    5.3    7.3    7.0    6.7    7.0    5.3    2.0    2.0    5.3
            TAHOMA 31     BG       4.3    5.3    6.7    6.7    7.3    7.7    7.0    2.0    1.0    5.3
            OKC0805       BG       3.3    7.3    7.3    6.7    6.7    7.0    5.0    2.0    1.0    5.1
            SEASTAR       SP       2.7    4.3    7.0    7.3    7.3    7.7    5.7    2.0    1.7    5.1
            UGA 17-622    SP       3.7    6.0    7.0    6.7    6.7    6.7    6.0    2.0    1.3    5.1
            MSB-1050      BG       2.0    2.0    5.7    6.3    7.3    7.3    6.3    2.3    1.3    4.5

            LSD VALUE            1.0    1.4    1.0    1.7    1.2    2.3    1.4    0.9    1.0    0.4
            C.V. (%)             14.5   15.2    7.6   10.1    7.6   10.3   13.0   20.9   26.8    5.0
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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 1B.   MEAN TURFGRASS QUALITY RATINGS OF WARM-SEASON (BERMUDAGRASS) CULTIVARS
                                     AT RIVERSIDE, CA  1/
                                        2023 DATA

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

          NAME                 MAR    APR    MAY    JUN    JUL    AUG    SEP    NOV    DEC    MEAN

          MINI-VERDE    BG      4.0    5.3    8.0    8.0    8.0    7.7    7.3    3.0    2.3    6.0
          TIFDWARF      BG      4.3    7.3    7.7    7.7    7.0    7.7    6.0    2.7    2.0    5.8
          TIFEAGLE      BG      4.0    6.3    8.0    7.7    7.3    7.7    6.7    2.7    1.7    5.8
          FB 1901       BG      5.0    7.0    7.3    7.3    7.3    7.3    7.0    2.0    1.3    5.7
          OKC3920       BG      4.3    8.0    7.7    7.3    7.0    7.0    5.7    2.3    1.7    5.7
          OKC0920       BG      5.0    6.7    7.7    6.7    6.7    7.0    5.0    2.3    1.3    5.4
          TAHOMA 31     BG      4.3    5.3    6.7    6.7    7.3    7.7    7.0    2.0    1.0    5.3
          OKC0805       BG      3.3    7.3    7.3    6.7    6.7    7.0    5.0    2.0    1.0    5.1
          MSB-1050      BG      2.0    2.0    5.7    6.3    7.3    7.3    6.3    2.3    1.3    4.5

          LSD VALUE            0.9    1.1    1.2    1.7    1.4    2.5    1.8    1.3    0.9    0.5
          C.V. (%)            12.9   11.6    8.7   10.6    8.5   11.7   14.2   23.1   30.7    5.0
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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 1C.   MEAN TURFGRASS QUALITY RATINGS OF WARM-SEASON (ZOYSIAGRASS) CULTIVARS
                                     AT RIVERSIDE, CA  1/
                                        2023 DATA

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

          NAME                 MAR    APR    MAY    JUN    JUL    AUG    SEP    NOV    DEC    MEAN

          FZ 1710       ZG      4.7    7.3    8.7    8.0    8.0    8.3    7.7    5.0    5.0    7.0
          DALZ 1815     ZG      5.7    3.7    7.7    7.7    7.0    7.3    4.7    6.0    6.0    6.2
          FZ 1714       ZG      4.7    6.3    7.7    8.3    7.3    7.3    6.3    4.0    4.0    6.2
          FZ 1717       ZG      4.3    7.0    8.0    8.0    7.0    7.3    6.7    3.0    3.0    6.0
          DALZ 1814     ZG      5.0    6.3    7.3    6.7    6.7    6.7    4.3    5.0    4.7    5.9
          DIAMOND       ZG      5.3    5.3    7.3    7.0    6.7    7.0    5.3    2.0    2.0    5.3

          LSD VALUE            1.5    2.5    1.2    1.6    0.9    1.6    1.1    1.4    1.7    0.7
          C.V. (%)            13.7   20.6    7.3    9.8    6.1    9.6   10.4   18.6   22.5    6.1
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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.

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                   TABLE 1D. MEAN TURFGRASS QUALITY RATINGS OF WARM-SEASON (SEASHORE PASPALUM) CULTIVARS
                                          AT RIVERSIDE, CA 1/
                                             2023 DATA

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

         NAME   MAR   APR   MAY   JUN   JUL   AUG   SEP   NOV   DEC   MEAN

         UGA 16-1105   SP   4.7   5.0   7.0   7.7   6.7   7.0   5.7   3.3   2.7   5.5
         UGA 17-653   SP   4.7   5.3   7.0   7.7   7.3   7.3   6.7   2.0   1.3   5.5
         SEASTAR   SP   2.7   4.3   7.0   7.3   7.3   7.7   5.7   2.0   1.7   5.1
         UGA 17-622   SP   3.7   6.0   7.0   6.7   6.7   6.7   6.0   2.0   1.3   5.1

         LSD VALUE   1.0   1.4   1.2   2.0   1.4   1.7   2.2   1.2   0.9   0.4
         C.V. (%)   12.8   12.9   7.1   11.8   8.6   10.4   16.0   24.7   25.2   3.5
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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 2A.         MEAN TURFGRASS QUALITY RATINGS OF WARM-SEASON CULTIVARS
                                          AT JAY, FL  1/
                                            2023 DATA

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

              NAME                 MAR    APR    MAY    JUN    JUL    AUG    SEP    OCT    NOV    MEAN

              FZ 1710        ZG     6.7    8.0    8.7    9.0    8.3    8.3    8.7    8.7    7.0    8.1
              DIAMOND        ZG     7.3    7.3    7.3    8.0    8.3    8.0    8.0    8.7    7.0    7.8
              DALZ 1815      ZG     7.3    7.0    7.0    7.3    8.0    7.7    8.3    8.7    7.0    7.6
              FZ 1717        ZG     6.0    7.0    7.3    8.3    8.3    8.0    8.0    8.0    6.7    7.5
              DALZ 1814      ZG     6.7    6.3    7.3    7.3    8.0    7.7    8.0    8.0    7.0    7.4
              FZ 1714        ZG     6.0    6.3    7.3    8.3    8.3    7.3    8.0    7.7    7.0    7.4
              MSB-1050       BG     6.0    5.3    8.0    9.0    9.0    8.0    9.0    6.7    4.3    7.3
              SEASTAR        SP     6.7    6.7    7.3    7.3    7.0    6.7    7.0    7.0    5.3    6.8
              TAHOMA 31      BG     6.7    7.0    7.0    7.7    7.3    7.0    7.0    6.0    5.3    6.8
              MINI-VERDE     BG     5.7    5.0    6.7    7.3    8.0    7.0    7.7    7.0    5.0    6.6
              FB 1901        BG     5.7    6.0    6.3    6.7    7.0    6.7    7.3    7.0    5.0    6.4
              TIFEAGLE       BG     5.7    6.0    6.7    6.3    7.3    7.0    7.3    6.7    4.7    6.4
              UGA 16-1105    SP     5.7    6.0    7.0    7.3    6.7    6.3    6.3    6.7    4.7    6.3
              UGA 17-622     SP     5.0    5.0    6.3    6.7    7.0    6.7    7.0    7.0    5.7    6.3
              OKC0805        BG     5.3    5.7    6.7    7.0    7.3    6.7    6.3    6.3    4.3    6.2
              UGA 17-653     SP     4.7    5.0    5.7    7.3    7.0    6.0    6.3    6.7    4.3    5.9
              OKC0920        BG     5.0    6.0    6.7    5.3    6.0    5.7    6.0    5.7    4.7    5.7
              TIFDWARF       BG     4.7    5.3    5.7    5.3    6.3    6.3    6.7    6.7    4.7    5.7
              OKC3920        BG     4.3    5.7    6.3    5.7    6.0    5.3    4.7    5.0    4.7    5.3

              LSD VALUE             1.0    0.7    0.9    1.0    0.7    1.1    0.9    0.9    0.7    0.4
              C.V. (%)             10.9    7.3    8.0    8.5    6.1    9.4    8.1    8.5    8.5    4.4
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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 2B. MEAN TURFGRASS QUALITY RATINGS OF WARM-SEASON (BERMUDAGRASS) CULTIVARS
AT JAY, FL 1/
2023 DATA

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

NAME		MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
MSB-1050	BG	6.0	5.3	8.0	9.0	9.0	8.0	9.0	6.7	4.3	7.3
TAHOMA 31	BG	6.7	7.0	7.0	7.7	7.3	7.0	7.0	6.0	5.3	6.8
MINI-VERDE	BG	5.7	5.0	6.7	7.3	8.0	7.0	7.7	7.0	5.0	6.6
FB 1901	BG	5.7	6.0	6.3	6.7	7.0	6.7	7.3	7.0	5.0	6.4
TIFEAGLE	BG	5.7	6.0	6.7	6.3	7.3	7.0	7.3	6.7	4.7	6.4
OKC0805	BG	5.3	5.7	6.7	7.0	7.3	6.7	6.3	6.3	4.3	6.2
OKC0920	BG	5.0	6.0	6.7	5.3	6.0	5.7	6.0	5.7	4.7	5.7
TIFDWARF	BG	4.7	5.3	5.7	5.3	6.3	6.3	6.7	6.7	4.7	5.7
OKC3920	BG	4.3	5.7	6.3	5.7	6.0	5.3	4.7	5.0	4.7	5.3
LSD VALUE		1.4	1.0	1.0	1.0	0.8	1.0	1.0	1.2	1.3	0.5
C.V. (%)		12.8	9.1	7.9	8.9	6.5	8.6	8.7	10.0	11.3	4.9

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

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

TABLE 2C. MEAN TURFGRASS QUALITY RATINGS OF WARM-SEASON (ZOYSIAGRASS) CULTIVARS
AT JAY, FL 1/
2023 DATA

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

NAME		MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
FZ 1710	ZG	6.7	8.0	8.7	9.0	8.3	8.3	8.7	8.7	7.0	8.1
DIAMOND	ZG	7.3	7.3	7.3	8.0	8.3	8.0	8.0	8.7	7.0	7.8
DALZ 1815	ZG	7.3	7.0	7.0	7.3	8.0	7.7	8.3	8.7	7.0	7.6
FZ 1717	ZG	6.0	7.0	7.3	8.3	8.3	8.0	8.0	8.0	6.7	7.5
DALZ 1814	ZG	6.7	6.3	7.3	7.3	8.0	7.7	8.0	8.0	7.0	7.4
FZ 1714	ZG	6.0	6.3	7.3	8.3	8.3	7.3	8.0	7.7	7.0	7.4
LSD VALUE		0.9	0.6	1.5	1.3	1.3	1.3	1.6	1.5	0.6	0.7
C.V. (%)		7.2	4.5	9.4	8.1	6.1	7.4	8.1	7.8	3.4	4.2

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

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

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                TABLE 2D.MEAN TURFGRASS QUALITY RATINGS OF WARM-SEASON (SEASHORE PASPALUM) CULTIVARS
                                        AT JAY, FL  1/
                                          2023 DATA

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

        NAME                   MAR    APR    MAY    JUN    JUL    AUG    SEP    OCT    NOV    MEAN

        SEASTAR         SP      6.7    6.7    7.3    7.3    7.0    6.7    7.0    7.0    5.3    6.8
        UGA 16-1105     SP      5.7    6.0    7.0    7.3    6.7    6.3    6.3    6.7    4.7    6.3
        UGA 17-622      SP      5.0    5.0    6.3    6.7    7.0    6.7    7.0    7.0    5.7    6.3
        UGA 17-653      SP      4.7    5.0    5.7    7.3    7.0    6.0    6.3    6.7    4.3    5.9

        LSD VALUE               1.8    0.6    0.8    1.5    0.7    1.6    1.0    1.0    1.5    0.5
        C.V. (%)               14.8    5.1    5.7    9.0    4.2   10.7    6.6    6.5   13.3    3.7
```

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

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

9

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TABLE 3A.                        MEAN TURFGRASS QUALITY RATINGS OF WARM-SEASON CULTIVARS
                                            AT MISS. ST., MS  1/
                                               2023 DATA

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

              NAME                    APR    MAY    JUN    JUL    AUG    SEP    OCT    MEAN

              UGA 17-653    SP        4.7    5.7    6.7    6.7    5.3    6.3    7.7    6.1
              MSB-1050      BG        5.7    6.0    6.3    5.0    5.3    6.0    6.0    5.8
              SEASTAR       SP        4.7    6.0    5.3    6.3    6.0    6.0    6.3    5.8
              DALZ 1814     ZG        4.7    5.0    5.7    6.3    6.3    6.0    6.0    5.7
              DIAMOND       ZG        5.3    5.3    4.7    6.3    7.0    6.0    5.3    5.7
              DALZ 1815     ZG        5.0    5.0    5.0    6.0    6.3    6.0    6.0    5.6
              FZ 1717       ZG        3.7    4.3    5.0    6.3    6.3    6.0    6.0    5.4
              TAHOMA 31     BG        5.3    6.0    4.7    5.0    5.0    6.0    6.0    5.4
              MINI-VERDE    BG        3.0    4.7    6.0    6.0    5.3    5.7    5.7    5.2
              UGA 16-1105   SP        3.0    5.3    4.7    5.7    5.7    6.0    6.0    5.2
              UGA 17-622    SP        3.3    5.3    5.0    5.7    6.0    5.3    6.0    5.2
              TIFEAGLE      BG        3.3    4.7    5.3    5.0    5.3    5.7    5.3    5.0
              FZ 1714       ZG        3.0    3.3    4.0    6.0    5.3    5.7    6.0    4.8
              FB 1901       BG        3.0    4.3    5.3    5.3    5.0    5.0    5.0    4.7
              OKC0920       BG        5.0    3.7    4.3    4.7    5.0    5.0    5.3    4.7
              FZ 1710       ZG        3.0    3.7    4.0    4.7    4.7    6.0    5.3    4.5
              OKC3920       BG        3.0    4.7    5.0    5.0    4.3    4.7    5.0    4.5
              TIFDWARF      BG        3.0    4.0    4.7    4.3    5.0    5.3    5.3    4.5
              OKC0805       BG        3.3    5.3    5.3    4.0    4.0    4.3    4.3    4.4

              LSD VALUE               1.3    1.3    1.9    2.1    1.2    0.7    1.2    0.8
              C.V. (%)               19.8   15.0   17.2   17.4   12.6    7.8   11.4    8.7
```

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 3B.          MEAN TURFGRASS QUALITY RATINGS OF WARM-SEASON (BERMUDAGRASS) CULTIVARS
                                  AT MISS. ST., MS  1/
                                     2023 DATA

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

            NAME                 APR     MAY     JUN     JUL     AUG     SEP     OCT    MEAN

            MSB-1050      BG      5.7     6.0     6.3     5.0     5.3     6.0     6.0     5.8
            TAHOMA 31     BG      5.3     6.0     4.7     5.0     5.0     6.0     6.0     5.4
            MINI-VERDE    BG      3.0     4.7     6.0     6.0     5.3     5.7     5.7     5.2
            TIFEAGLE      BG      3.3     4.7     5.3     5.0     5.3     5.7     5.3     5.0
            FB 1901       BG      3.0     4.3     5.3     5.3     5.0     5.0     5.0     4.7
            OKC0920       BG      5.0     3.7     4.3     4.7     5.0     5.0     5.3     4.7
            OKC3920       BG      3.0     4.7     5.0     5.0     4.3     4.7     5.0     4.5
            TIFDWARF      BG      3.0     4.0     4.7     4.3     5.0     5.3     5.3     4.5
            OKC0805       BG      3.3     5.3     5.3     4.0     4.0     4.3     4.3     4.4

            LSD VALUE            1.4     1.2     2.0     2.4     2.0     1.1     1.8     0.9
            C.V. (%)            21.1    13.6    16.6    19.5    16.2    10.6    14.1     9.4
```

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

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

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TABLE 3C.          MEAN TURFGRASS QUALITY RATINGS OF WARM-SEASON (ZOYSIAGRASS) CULTIVARS
                                  AT MISS. ST., MS  1/
                                     2023 DATA

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

            NAME                 APR     MAY     JUN     JUL     AUG     SEP     OCT    MEAN

            DALZ 1814     ZG      4.7     5.0     5.7     6.3     6.3     6.0     6.0     5.7
            DIAMOND       ZG      5.3     5.3     4.7     6.3     7.0     6.0     5.3     5.7
            DALZ 1815     ZG      5.0     5.0     5.0     6.0     6.3     6.0     6.0     5.6
            FZ 1717       ZG      3.7     4.3     5.0     6.3     6.3     6.0     6.0     5.4
            FZ 1714       ZG      3.0     3.3     4.0     6.0     5.3     5.7     6.0     4.8
            FZ 1710       ZG      3.0     3.7     4.0     4.7     4.7     6.0     5.3     4.5

            LSD VALUE            0.8     1.2     1.6     2.7     0.8     0.6     0.7     0.7
            C.V. (%)            11.5    14.0    15.8    19.3     7.5     4.0     6.1     7.2
```

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

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

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TABLE 3D.        MEAN TURFGRASS QUALITY RATINGS OF WARM-SEASON (SEASHORE PASPALUM) CULTIVARS
                              AT MISS. ST., MS  1/
                                  2023 DATA

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

           NAME                 APR    MAY    JUN    JUL    AUG    SEP    OCT    MEAN

           UGA 17-653    SP      4.7    5.7    6.7    6.7    5.3    6.3    7.7    6.1
           SEASTAR       SP      4.7    6.0    5.3    6.3    6.0    6.0    6.3    5.8
           UGA 16-1105   SP      3.0    5.3    4.7    5.7    5.7    6.0    6.0    5.2
           UGA 17-622    SP      3.3    5.3    5.0    5.7    6.0    5.3    6.0    5.2

           LSD VALUE             2.5    2.1    2.4    2.0    1.6    1.0    1.6    1.3
           C.V. (%)             29.2   16.1   19.7   14.2   12.0    7.5   11.5   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.

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MEAN TURFGRASS QUALITY RATINGS OF WARM-SEASON CULTIVARS
                                    AT COLLEGE STATION, TX 1/
                                         2023 DATA

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

NAME		APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
OKC3920	BG	4.0	4.0	5.0	5.0	6.0	6.0	6.0	5.1
DIAMOND	ZG	3.3	3.3	4.3	4.7	4.3	4.3	4.7	4.1
UGA 16-1105	SP	2.3	3.3	4.0	4.3	4.3	5.3	5.3	4.1
TIFDWARF	BG	2.5	3.5	4.5	4.0	3.5	5.0	5.0	4.0
SEASTAR	SP	2.0	3.3	3.7	4.3	4.0	5.0	5.0	3.9
FZ 1710	ZG	3.0	4.0	4.3	3.7	2.3	4.3	4.7	3.8
FZ 1717	ZG	3.0	3.3	3.7	3.3	3.3	4.0	4.3	3.6
TIFEAGLE	BG	3.0	3.5	3.5	4.0	2.0	4.5	4.5	3.6
MSB-1050	BG	2.0	3.3	3.7	2.7	3.7	4.0	4.7	3.4
FB 1901	BG	2.7	3.7	3.7	1.7	2.7	4.3	4.3	3.3
OKC0805	BG	2.0	3.0	4.0	2.0	2.5	4.5	4.5	3.2
TAHOMA 31	BG	2.0	3.7	3.3	2.3	3.0	3.7	4.3	3.2
DALZ 1814	ZG	2.3	3.3	3.0	3.3	2.3	3.3	4.0	3.1
MINI-VERDE	BG	2.0	3.0	4.0	2.0	3.0	4.0	3.5	3.1
UGA 17-653	SP	1.3	2.7	2.7	3.7	3.7	4.0	4.0	3.1
FZ 1714	ZG	2.0	2.0	3.3	2.7	2.7	3.7	4.3	3.0
UGA 17-622	SP	1.0	1.7	2.3	3.3	3.0	4.0	4.0	2.8
OKC0920	BG	2.5	2.5	3.5	1.5	1.5	3.0	3.5	2.6
DALZ 1815	ZG	1.7	2.3	2.7	2.3	1.3	2.3	3.0	2.2
LSD VALUE		3.0	3.5	3.5	2.2	6.3	5.2	4.2	3.6
C.V. (%)		43.4	33.7	29.5	31.0	59.6	35.5	26.8	30.9

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.

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TABLE 4B.          MEAN TURFGRASS QUALITY RATINGS OF WARM-SEASON (BERMUDAGRASS) CULTIVARS
                              AT COLLEGE STATION, TX  1/
                                    2023 DATA


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

            NAME                  APR    MAY    JUN    JUL    AUG    SEP    OCT    MEAN

            OKC3920      BG       4.0    4.0    5.0    5.0    6.0    6.0    6.0    5.1
            TIFDWARF     BG       2.5    3.5    4.5    4.0    3.5    5.0    5.0    4.0
            TIFEAGLE     BG       3.0    3.5    3.5    4.0    2.0    4.5    4.5    3.6
            MSB-1050     BG       2.0    3.3    3.7    2.7    3.7    4.0    4.7    3.4
            FB 1901      BG       2.7    3.7    3.7    1.7    2.7    4.3    4.3    3.3
            OKC0805      BG       2.0    3.0    4.0    2.0    2.5    4.5    4.5    3.2
            TAHOMA 31    BG       2.0    3.7    3.3    2.3    3.0    3.7    4.3    3.2
            MINI-VERDE   BG       2.0    3.0    4.0    2.0    3.0    4.0    3.5    3.1
            OKC0920      BG       2.5    2.5    3.5    1.5    1.5    3.0    3.5    2.6

            LSD VALUE            3.3    2.4    3.3    3.3    3.0    2.9    2.4    2.3
            C.V. (%)             42.9   22.7   26.6   44.6   37.6   22.9   18.4   23.2
```

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 4C.          MEAN TURFGRASS QUALITY RATINGS OF WARM-SEASON (ZOYSIAGRASS) CULTIVARS
                              AT COLLEGE STATION, TX  1/
                                    2023 DATA


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

            NAME                  APR    MAY    JUN    JUL    AUG    SEP    OCT    MEAN

            DIAMOND      ZG       3.3    3.3    4.3    4.7    4.3    4.3    4.7    4.1
            FZ 1710      ZG       3.0    4.0    4.3    3.7    2.3    4.3    4.7    3.8
            FZ 1717      ZG       3.0    3.3    3.7    3.3    3.3    4.0    4.3    3.6
            DALZ 1814    ZG       2.3    3.3    3.0    3.3    2.3    3.3    4.0    3.1
            FZ 1714      ZG       2.0    2.0    3.3    2.7    2.7    3.7    4.3    3.0
            DALZ 1815    ZG       1.7    2.3    2.7    2.3    1.3    2.3    3.0    2.2

            LSD VALUE            2.9    4.1    3.3    2.3    6.0    5.2    4.1    3.7
            C.V. (%)             47.7   51.5   38.7   31.5   88.6   56.6   39.7   45.5
```

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 4D.        MEAN TURFGRASS QUALITY RATINGS OF WARM-SEASON (SEASHORE PASPALUM) CULTIVARS
                          AT COLLEGE STATION, TX  1/
                                 2023 DATA

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

         NAME                APR    MAY    JUN    JUL    AUG    SEP    OCT    MEAN

         UGA 16-1105   SP    2.3    3.3    4.0    4.3    4.3    5.3    5.3    4.1
         SEASTAR       SP    2.0    3.3    3.7    4.3    4.0    5.0    5.0    3.9
         UGA 17-653    SP    1.3    2.7    2.7    3.7    3.7    4.0    4.0    3.1
         UGA 17-622    SP    1.0    1.7    2.3    3.3    3.0    4.0    4.0    2.8

         LSD VALUE           1.3    1.3    1.6    1.1    2.4    1.9    1.9    1.3
         C.V. (%)           36.1   21.9   23.5   12.8   28.5   18.9   18.9   17.3
```

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

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

MEAN TURFGRASS QUALITY RATINGS OF WARM-SEASON CULTIVARS
                            AT RICHMOND, VA (COUNTRY CLUB OF VA) 1/
                                      2023 DATA

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

NAME		FEB	MAR	APR	MAY	JUN	JUL	SEP	NOV	MEAN
DALZ 1815	ZG	7.3	7.0	6.7	6.7	7.0	6.7	7.0	7.0	6.9
MSB-1050	BG	6.7	5.7	6.0	6.0	6.7	7.7	7.3	6.7	6.6
DIAMOND	ZG	7.0	6.7	4.7	5.7	6.0	8.0	7.0	6.7	6.5
FZ 1717	ZG	7.3	7.0	5.0	5.3	6.7	7.3	7.0	6.7	6.5
DALZ 1814	ZG	7.0	6.7	6.0	4.3	7.0	6.0	7.0	6.7	6.3
FZ 1714	ZG	7.0	6.3	4.3	4.0	7.0	7.3	6.7	7.0	6.2
TAHOMA 31	BG	6.0	5.0	5.7	5.7	6.0	7.0	7.0	6.7	6.1
TIFEAGLE	BG	7.0	5.3	4.7	4.7	6.3	7.0	6.3	5.7	5.9
FZ 1710	ZG	6.0	4.7	4.0	4.7	6.0	7.3	7.0	6.7	5.8
MINI-VERDE	BG	6.7	4.0	5.3	5.0	6.0	7.3	5.7	6.7	5.8
FB 1901	BG	5.0	4.3	5.0	5.0	7.0	7.3	5.3	6.3	5.7
OKC0805	BG	6.3	5.0	5.0	4.7	5.0	7.0	6.7	5.7	5.7
OKC0920	BG	5.7	5.3	5.0	2.7	6.3	5.7	7.3	6.7	5.6
TIFDWARF	BG	7.0	4.3	4.7	4.0	6.7	7.0	4.7	6.0	5.5
OKC3920	BG	5.3	3.7	5.3	1.7	6.7	5.3	7.0	6.3	5.2
SEASTAR	SP	2.0	2.0	2.0	2.0	2.0	3.0	5.0	2.0	2.5
UGA 16-1105	SP	2.0	2.0	2.0	2.0	2.0	3.0	5.0	2.0	2.5
UGA 17-622	SP	2.0	2.0	2.0	2.0	2.0	3.0	5.0	2.0	2.5
UGA 17-653	SP	2.0	2.0	2.0	2.0	2.0	3.0	5.0	2.0	2.5
LSD VALUE		1.4	1.4	1.4	1.3	1.1	1.4	1.9	1.1	0.4
C.V. (%)		16.8	19.9	19.8	19.8	12.8	14.6	16.0	12.6	5.8

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 5B.          MEAN TURFGRASS QUALITY RATINGS OF WARM-SEASON (BERMUDAGRASS) CULTIVARS
                              AT RICHMOND, VA (COUNTRY CLUB OF VA)  1/
                                           2023 DATA


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


          NAME               FEB    MAR    APR    MAY    JUN    JUL    SEP    NOV    MEAN

          MSB-1050     BG     6.7    5.7    6.0    6.0    6.7    7.7    7.3    6.7    6.6
          TAHOMA 31    BG     6.0    5.0    5.7    5.7    6.0    7.0    7.0    6.7    6.1
          TIFEAGLE     BG     7.0    5.3    4.7    4.7    6.3    7.0    6.3    5.7    5.9
          MINI-VERDE   BG     6.7    4.0    5.3    5.0    6.0    7.3    5.7    6.7    5.8
          FB 1901      BG     5.0    4.3    5.0    5.0    7.0    7.3    5.3    6.3    5.7
          OKC0805      BG     6.3    5.0    5.0    4.7    5.0    7.0    6.7    5.7    5.7
          OKC0920      BG     5.7    5.3    5.0    2.7    6.3    5.7    7.3    6.7    5.6
          TIFDWARF     BG     7.0    4.3    4.7    4.0    6.7    7.0    4.7    6.0    5.5
          OKC3920      BG     5.3    3.7    5.3    1.7    6.7    5.3    7.0    6.3    5.2

          LSD VALUE           2.5    3.5    2.7    1.8    1.5    2.7    3.4    2.6    0.7
          C.V. (%)           17.3   28.4   19.1   23.1   11.3   16.9   22.6   15.3    6.4

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

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




TABLE 5C.          MEAN TURFGRASS QUALITY RATINGS OF WARM-SEASON (ZOYSIAGRASS) CULTIVARS
                              AT RICHMOND, VA (COUNTRY CLUB OF VA)  1/
                                           2023 DATA


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


          NAME               FEB    MAR    APR    MAY    JUN    JUL    SEP    NOV    MEAN

          DALZ 1815    ZG     7.3    7.0    6.7    6.7    7.0    6.7    7.0    7.0    6.9
          DIAMOND      ZG     7.0    6.7    4.7    5.7    6.0    8.0    7.0    6.7    6.5
          FZ 1717      ZG     7.3    7.0    5.0    5.3    6.7    7.3    7.0    6.7    6.5
          DALZ 1814    ZG     7.0    6.7    6.0    4.3    7.0    6.0    7.0    6.7    6.3
          FZ 1714      ZG     7.0    6.3    4.3    4.0    7.0    7.3    6.7    7.0    6.2
          FZ 1710      ZG     6.0    4.7    4.0    4.7    6.0    7.3    7.0    6.7    5.8

          LSD VALUE           2.6    0.8    1.5    1.6    2.1    1.2    0.6    1.3    0.4
          C.V. (%)           15.5    6.8   15.4   16.2   13.4    8.8    3.4    7.5    3.8

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 5D.        MEAN TURFGRASS QUALITY RATINGS OF WARM-SEASON (SEASHORE PASPALUM) CULTIVARS
                        AT RICHMOND, VA (COUNTRY CLUB OF VA)  1/
                                     2023 DATA


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

            NAME                FEB    MAR    APR    MAY    JUN    JUL    SEP    NOV    MEAN

            SEASTAR       SP      2      2      2      2      2      3      5      2     2.5
            UGA 16-1105   SP      2      2      2      2      2      3      5      2     2.5
            UGA 17-622    SP      2      2      2      2      2      3      5      2     2.5
            UGA 17-653    SP      2      2      2      2      2      3      5      2     2.5

            LSD VALUE             0      0      0      0      0      0      0      0     0.0
            C.V. (%)             0      0      0      0      0      0      0      0     0.0
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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 6A.       MEAN TURFGRASS QUALITY RATINGS OF WARM-SEASON GRASS CULTIVARS FOR EACH MONTH GROWN
                         ON A GREEN AT RIVERSIDE, CA   1/
                         MAINTAINED USING "SCHEDULE A"  *
                                   2023 DATA


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

NAME                    MAR    APR    MAY    JUN    JUL    AUG    SEP    NOV    DEC    MEAN

FZ 1710          ZG     4.7    7.3    8.7    8.0    8.0    8.3    7.7    5.0    5.0    7.0
FZ 1714          ZG     4.7    6.3    7.7    8.3    7.3    7.3    6.3    4.0    4.0    6.2
DALZ 1815        ZG     5.7    3.7    7.7    7.7    7.0    7.3    4.7    6.0    6.0    6.2
FZ 1717          ZG     4.3    7.0    8.0    8.0    7.0    7.3    6.7    3.0    3.0    6.0
MINI-VERDE       BG     4.0    5.3    8.0    8.0    8.0    7.7    7.3    3.0    2.3    6.0
DALZ 1814        ZG     5.0    6.3    7.3    6.7    6.7    6.7    4.3    5.0    4.7    5.9
TIFDWARF         BG     4.3    7.3    7.7    7.7    7.0    7.7    6.0    2.7    2.0    5.8
TIFEAGLE         BG     4.0    6.3    8.0    7.7    7.3    7.7    6.7    2.7    1.7    5.8
FB 1901          BG     5.0    7.0    7.3    7.3    7.3    7.3    7.0    2.0    1.3    5.7
OKC3920          BG     4.3    8.0    7.7    7.3    7.0    7.0    5.7    2.3    1.7    5.7
UGA 16-1105      SP     4.7    5.0    7.0    7.7    6.7    7.0    5.7    3.3    2.7    5.5
UGA 17-653       SP     4.7    5.3    7.0    7.7    7.3    7.3    6.7    2.0    1.3    5.5
OKC0920          BG     5.0    6.7    7.7    6.7    6.7    7.0    5.0    2.3    1.3    5.4
DIAMOND          ZG     5.3    5.3    7.3    7.0    6.7    7.0    5.3    2.0    2.0    5.3
TAHOMA 31        BG     4.3    5.3    6.7    6.7    7.3    7.7    7.0    2.0    1.0    5.3
OKC0805          BG     3.3    7.3    7.3    6.7    6.7    7.0    5.0    2.0    1.0    5.1
UGA 17-622       SP     3.7    6.0    7.0    6.7    6.7    6.7    6.0    2.0    1.3    5.1
SEASTAR          SP     2.7    4.3    7.0    7.3    7.3    7.7    5.7    2.0    1.7    5.1
MSB-1050         BG     2.0    2.0    5.7    6.3    7.3    7.3    6.3    2.3    1.3    4.5

LSD VALUE               1.0    1.4    0.9    1.2    0.9    1.2    1.2    1.0    1.0    0.5
C.V. (%)               14.5   15.2    7.6    9.9    7.4   10.2   12.8   20.7   26.6    5.2
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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 6B.        MEAN TURFGRASS QUALITY RATINGS OF WARM-SEASON GRASS CULTIVARS FOR EACH MONTH GROWN
                                   ON A GREEN AT RIVERSIDE, CA   1/
                                  MAINTAINED USING "SCHEDULE A"  *
                                           2023 DATA

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


NAME                     MAR    APR    MAY    JUN    JUL    AUG    SEP    NOV    DEC    MEAN

MINI-VERDE     BG        4.0    5.3    8.0    8.0    8.0    7.7    7.3    3.0    2.3    6.0
TIFDWARF       BG        4.3    7.3    7.7    7.7    7.0    7.7    6.0    2.7    2.0    5.8
TIFEAGLE       BG        4.0    6.3    8.0    7.7    7.3    7.7    6.7    2.7    1.7    5.8
FB 1901        BG        5.0    7.0    7.3    7.3    7.3    7.3    7.0    2.0    1.3    5.7
OKC3920        BG        4.3    8.0    7.7    7.3    7.0    7.0    5.7    2.3    1.7    5.7
OKC0920        BG        5.0    6.7    7.7    6.7    6.7    7.0    5.0    2.3    1.3    5.4
TAHOMA 31      BG        4.3    5.3    6.7    6.7    7.3    7.7    7.0    2.0    1.0    5.3
OKC0805        BG        3.3    7.3    7.3    6.7    6.7    7.0    5.0    2.0    1.0    5.1
MSB-1050       BG        2.0    2.0    5.7    6.3    7.3    7.3    6.3    2.3    1.3    4.5

LSD VALUE               0.8    1.3    1.0    1.2    0.9    1.3    1.3    0.9    0.8    0.5
C.V. (%)               12.6   13.3    8.3   10.1    8.0   11.1   13.5   23.0   31.0    5.1
```

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

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


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    TABLE 6C.        MEAN TURFGRASS QUALITY RATINGS OF WARM-SEASON GRASS CULTIVARS FOR EACH MONTH GROWN
                                   ON A GREEN AT RIVERSIDE, CA    1/
                                  MAINTAINED USING "SCHEDULE A"  *
                                           2023 DATA

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


NAME                     MAR    APR    MAY    JUN    JUL    AUG    SEP    NOV    DEC    MEAN

FZ 1710        ZG        4.7    7.3    8.7    8.0    8.0    8.3    7.7    5.0    5.0    7.0
FZ 1714        ZG        4.7    6.3    7.7    8.3    7.3    7.3    6.3    4.0    4.0    6.2
DALZ 1815      ZG        5.7    3.7    7.7    7.7    7.0    7.3    4.7    6.0    6.0    6.2
FZ 1717        ZG        4.3    7.0    8.0    8.0    7.0    7.3    6.7    3.0    3.0    6.0
DALZ 1814      ZG        5.0    6.3    7.3    6.7    6.7    6.7    4.3    5.0    4.7    5.9
DIAMOND        ZG        5.3    5.3    7.3    7.0    6.7    7.0    5.3    2.0    2.0    5.3

LSD VALUE               1.3    1.8    0.8    1.1    0.7    1.1    0.9    1.1    1.4    0.6
C.V. (%)               15.8   18.8    6.8    9.3    5.7    9.1    9.9   17.0   20.7    5.8
```

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 6D.        MEAN TURFGRASS QUALITY RATINGS OF WARM-SEASON GRASS CULTIVARS FOR EACH MONTH GROWN
                          ON A GREEN AT RIVERSIDE, CA   1/
                          MAINTAINED USING "SCHEDULE A"  *
                                   2023 DATA

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

NAME                    MAR     APR     MAY     JUN     JUL     AUG     SEP     NOV     DEC     MEAN

UGA 16-1105     SP      4.7     5.0     7.0     7.7     6.7     7.0     5.7     3.3     2.7     5.5
UGA 17-653      SP      4.7     5.3     7.0     7.7     7.3     7.3     6.7     2.0     1.3     5.5
UGA 17-622      SP      3.7     6.0     7.0     6.7     6.7     6.7     6.0     2.0     1.3     5.1
SEASTAR         SP      2.7     4.3     7.0     7.3     7.3     7.7     5.7     2.0     1.7     5.1

LSD VALUE               0.9     1.0     0.8     1.2     0.9     1.1     1.4     0.9     0.9     0.3
C.V. (%)                14.7    12.5    7.1     10.4    8.2     9.9     14.4    24.7    33.0    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.

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TABLE 7A.              MEAN TURFGRASS QUALITY RATINGS OF WARM-SEASON GRASS CULTIVARS GROWN ON
                           A GREEN AT FOUR LOCATIONS IN THE U.S.  1/
                              MAINTAINED USING "SCHEDULE B"  *
                                    2023 DATA

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

               NAME                  FL3    MS1    TX2    VA6    MEAN

               DIAMOND        ZG      7.8    5.7    4.1    6.5     6.0
               MSB-1050       BG      7.3    5.8    3.4    6.6     5.8
               FZ 1717        ZG      7.5    5.4    3.6    6.5     5.8
               DALZ 1814      ZG      7.4    5.7    3.1    6.3     5.6
               DALZ 1815      ZG      7.6    5.6    2.2    6.9     5.6
               FZ 1710        ZG      8.1    4.5    3.8    5.8     5.5
               TAHOMA 31      BG      6.8    5.4    3.2    6.1     5.4
               FZ 1714        ZG      7.4    4.8    3.0    6.2     5.3
               TIFEAGLE       BG      6.4    5.0    3.6    5.9     5.2
               MINI-VERDE     BG      6.6    5.2    3.1    5.8     5.2
               OKC3920        BG      5.3    4.5    5.1    5.2     5.0
               FB 1901        BG      6.4    4.7    3.3    5.7     5.0
               TIFDWARF       BG      5.7    4.5    4.0    5.5     5.0
               OKC0805        BG      6.2    4.4    3.2    5.7     4.9
               SEASTAR        SP      6.8    5.8    3.9    2.5     4.7
               OKC0920        BG      5.7    4.7    2.6    5.6     4.6
               UGA 16-1105    SP      6.3    5.2    4.1    2.5     4.5
               UGA 17-653     SP      5.9    6.1    3.1    2.5     4.4
               UGA 17-622     SP      6.3    5.2    2.8    2.5     4.2

               LSD VALUE              0.5    0.7    1.9    0.5     0.5
               C.V. (%)               4.3    8.7   30.2    5.8    11.1
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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.

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TABLE 7B.   MEAN TURFGRASS QUALITY RATINGS OF WARM-SEASON (BERMUDAGRASS) GRASS CULTIVARS GROWN ON
                          A GREEN AT FOUR LOCATIONS IN THE U.S.  1/
                              MAINTAINED USING "SCHEDULE B"  *
                                        2023 DATA

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


                 NAME                FL3    MS1    TX2    VA6    MEAN

                 MSB-1050      BG     7.3    5.8    3.4    6.6    5.8
                 TAHOMA 31     BG     6.8    5.4    3.2    6.1    5.4
                 TIFEAGLE      BG     6.4    5.0    3.6    5.9    5.2
                 MINI-VERDE    BG     6.6    5.2    3.1    5.8    5.2
                 OKC3920       BG     5.3    4.5    5.1    5.2    5.0
                 FB 1901       BG     6.4    4.7    3.3    5.7    5.0
                 TIFDWARF      BG     5.7    4.5    4.0    5.5    5.0
                 OKC0805       BG     6.2    4.4    3.2    5.7    4.9
                 OKC0920       BG     5.7    4.7    2.6    5.6    4.6

                 LSD VALUE            0.5    0.7    1.4    0.6    0.4
                 C.V. (%)             4.8    9.1   20.6    7.0    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 7C.   MEAN TURFGRASS QUALITY RATINGS OF WARM-SEASON (ZOYSIAGRASS) GRASS CULTIVARS GROWN ON
                          A GREEN AT FOUR LOCATIONS IN THE U.S.  1/
                              MAINTAINED USING "SCHEDULE B"  *
                                        2023 DATA

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


                 NAME                FL3    MS1    TX2    VA6    MEAN

                 DIAMOND       ZG     7.8    5.7    4.1    6.5    6.0
                 FZ 1717       ZG     7.5    5.4    3.6    6.5    5.8
                 DALZ 1814     ZG     7.4    5.7    3.1    6.3    5.6
                 DALZ 1815     ZG     7.6    5.6    2.2    6.9    5.6
                 FZ 1710       ZG     8.1    4.5    3.8    5.8    5.5
                 FZ 1714       ZG     7.4    4.8    3.0    6.2    5.3

                 LSD VALUE            0.5    0.6    2.2    0.4    0.6
                 C.V. (%)             4.1    7.6   42.2    3.8   13.3
```

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

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

TABLE 7D. MEAN TURFGRASS QUALITY RATINGS OF WARM-SEASON (SEASHORE PASPALUM) GRASS CULTIVARS GROWN ON
A GREEN AT FOUR LOCATIONS IN THE U.S. 1/
MAINTAINED USING "SCHEDULE B" *
2023 DATA

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

NAME		FL3	MS1	TX2	VA6	MEAN
SEASTAR	SP	6.8	5.8	3.9	2.5	4.7
UGA 16-1105	SP	6.3	5.2	4.1	2.5	4.5
UGA 17-653	SP	5.9	6.1	3.1	2.5	4.4
UGA 17-622	SP	6.3	5.2	2.8	2.5	4.2
LSD VALUE		0.3	0.8	1.2	0.0	0.4
C.V. (%)		3.3	9.0	21.2	0.0	10.3

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

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

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TABLE 8A.                        GENETIC COLOR RATINGS OF WARM-SEASON CULTIVARS  1/
                                            GROWN ON A GREEN
                                               2023 DATA

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

                   NAME                CA3    FL3    MS1    TX2    VA6    MEAN

                   MSB-1050      BG     8.0    8.3    7.0    6.3    6.7    7.3
                   FZ 1710       ZG     8.0    9.0    6.3    6.0    6.0    7.1
                   MINI-VERDE    BG     8.0    8.0    6.0    7.0    6.0    7.0
                   FZ 1714       ZG     7.3    8.3    6.3    5.7    7.0    6.9
                   FB 1901       BG     8.0    7.3    6.3    6.0    7.0    6.9
                   TIFDWARF      BG     7.3    8.3    6.3    6.0    6.7    6.9
                   DALZ 1815     ZG     7.0    8.0    6.0    6.0    7.0    6.8
                   OKC3920       BG     6.7    7.0    5.3    8.0    6.7    6.7
                   FZ 1717       ZG     7.0    8.0    6.0    5.3    6.7    6.6
                   TAHOMA 31     BG     7.3    7.7    5.7    6.0    6.0    6.5
                   TIFEAGLE      BG     7.3    6.3    5.7    7.0    6.3    6.5
                   DIAMOND       ZG     6.7    8.3    6.0    5.0    6.0    6.4
                   OKC0920       BG     6.3    6.3    5.3    7.0    6.3    6.3
                   DALZ 1814     ZG     6.3    7.0    5.7    4.7    7.0    6.1
                   OKC0805       BG     6.7    7.0    5.0    6.5    5.0    6.0
                   UGA 17-653    SP     7.0    7.7    6.0    6.7    2.0    5.9
                   SEASTAR       SP     7.3    7.0    5.7    5.0    2.0    5.4
                   UGA 16-1105   SP     7.3    6.7    4.3    6.3    2.0    5.3
                   UGA 17-622    SP     6.3    6.3    5.0    4.7    2.0    4.9

                   LSD VALUE            0.7    1.0    0.9    1.0    1.1    0.4
                   C.V. (%)             6.4    8.5    9.4    9.0   12.5    9.1
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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.

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TABLE 8B.            GENETIC COLOR RATINGS OF WARM-SEASON (BERMUDAGRASS) CULTIVARS  1/
                                     GROWN ON A GREEN
                                       2023 DATA

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

                NAME              CA3    FL3    MS1    TX2    VA6    MEAN

                MSB-1050     BG    8.0    8.3    7.0    6.3    6.7    7.3
                MINI-VERDE   BG    8.0    8.0    6.0    7.0    6.0    7.0
                FB 1901      BG    8.0    7.3    6.3    6.0    7.0    6.9
                TIFDWARF     BG    7.3    8.3    6.3    6.0    6.7    6.9
                OKC3920      BG    6.7    7.0    5.3    8.0    6.7    6.7
                TAHOMA 31    BG    7.3    7.7    5.7    6.0    6.0    6.5
                TIFEAGLE     BG    7.3    6.3    5.7    7.0    6.3    6.5
                OKC0920      BG    6.3    6.3    5.3    7.0    6.3    6.3
                OKC0805      BG    6.7    7.0    5.0    6.5    5.0    6.0

                LSD VALUE          0.8    1.1    0.8    0.6    1.2    0.4
                C.V. (%)           6.5    9.0    8.1    4.9   11.4    8.4

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

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




TABLE 8C.            GENETIC COLOR RATINGS OF WARM-SEASON (ZOYSIAGRASS) CULTIVARS  1/
                                     GROWN ON A GREEN
                                       2023 DATA

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

                NAME              CA3    FL3    MS1    TX2    VA6    MEAN

                FZ 1710      ZG    8.0    9.0    6.3    6.0    6.0    7.1
                FZ 1714      ZG    7.3    8.3    6.3    5.7    7.0    6.9
                DALZ 1815    ZG    7.0    8.0    6.0    6.0    7.0    6.8
                FZ 1717      ZG    7.0    8.0    6.0    5.3    6.7    6.6
                DIAMOND      ZG    6.7    8.3    6.0    5.0    6.0    6.4
                DALZ 1814    ZG    6.3    7.0    5.7    4.7    7.0    6.1

                LSD VALUE          0.7    1.1    0.9    0.9    1.4    0.5
                C.V. (%)           5.8    8.2    9.5   10.6   12.9    9.5

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

2/  C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
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TABLE 8D.          GENETIC COLOR RATINGS OF WARM-SEASON (SEASHORE PASPALUM) CULTIVARS  1/
                                       GROWN ON A GREEN
                                         2023 DATA

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

                 NAME                CA3    FL3    MS1    TX2    VA6    MEAN

                 UGA 17-653    SP     7.0    7.7    6.0    6.7     2     5.9
                 SEASTAR       SP     7.3    7.0    5.7    5.0     2     5.4
                 UGA 16-1105   SP     7.3    6.7    4.3    6.3     2     5.3
                 UGA 17-622    SP     6.3    6.3    5.0    4.7     2     4.9

                 LSD VALUE            0.8    0.8    1.0    1.1     0     0.4
                 C.V. (%)             7.1    7.2   12.3   12.5     0     9.9
```

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.

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SPRING GREENUP RATINGS OF WARM-SEASON CULTIVARS 1/
                                                GROWN ON A GREEN
                                                  2023 DATA

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

NAME		FL3	MS1	TX2	VA6	MEAN
DIAMOND	ZG	7.7	8.3	4.0	5.7	6.4
TAHOMA 31	BG	8.3	9.0	1.3	6.0	6.2
DALZ 1815	ZG	8.0	8.0	1.7	6.7	6.1
MSB-1050	BG	7.0	9.0	1.7	6.0	5.9
DALZ 1814	ZG	6.7	8.0	3.3	4.3	5.6
FZ 1717	ZG	7.0	6.0	4.0	5.3	5.6
FZ 1710	ZG	8.0	4.7	3.7	4.7	5.3
OKC3920	BG	6.3	5.0	6.0	2.7	5.0
SEASTAR	SP	7.7	8.7	1.3	2.0	4.9
TIFDWARF	BG	7.0	6.0	2.0	4.3	4.8
UGA 16-1105	SP	7.3	7.3	2.0	2.0	4.7
TIFEAGLE	BG	6.7	4.7	2.0	4.3	4.4
UGA 17-653	SP	5.7	9.0	1.0	2.0	4.4
OKC0920	BG	6.0	7.3	1.0	3.3	4.4
FB 1901	BG	6.0	4.7	2.0	4.7	4.3
OKC0805	BG	5.7	5.0	1.5	4.3	4.1
MINI-VERDE	BG	6.7	4.3	1.0	4.3	4.1
FZ 1714	ZG	6.0	4.0	2.0	4.0	4.0
UGA 17-622	SP	6.0	6.0	1.0	2.0	3.8
LSD VALUE		1.3	2.4	2.4	1.7	1.0
C.V. (%)		12.3	22.2	59.3	24.8	23.9

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.

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TABLE 9B.               SPRING GREENUP RATINGS OF WARM-SEASON (BERMUDAGRASS) CULTIVARS  1/
                                      GROWN ON A GREEN
                                         2023 DATA

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

                NAME                    FL3    MS1    TX2    VA6    MEAN

                TAHOMA 31      BG       8.3    9.0    1.3    6.0    6.2
                MSB-1050       BG       7.0    9.0    1.7    6.0    5.9
                OKC3920        BG       6.3    5.0    6.0    2.7    5.0
                TIFDWARF       BG       7.0    6.0    2.0    4.3    4.8
                TIFEAGLE       BG       6.7    4.7    2.0    4.3    4.4
                OKC0920        BG       6.0    7.3    1.0    3.3    4.4
                FB 1901        BG       6.0    4.7    2.0    4.7    4.3
                OKC0805        BG       5.7    5.0    1.5    4.3    4.1
                MINI-VERDE     BG       6.7    4.3    1.0    4.3    4.1

                LSD VALUE               1.5    2.3    1.7    2.2    1.0
                C.V. (%)               13.9   23.4   41.1   30.3   24.8
```

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 9C.               SPRING GREENUP RATINGS OF WARM-SEASON (ZOYSIAGRASS) CULTIVARS  1/
                                      GROWN ON A GREEN
                                         2023 DATA

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

                NAME                    FL3    MS1    TX2    VA6    MEAN

                DIAMOND        ZG       7.7    8.3    4.0    5.7    6.4
                DALZ 1815      ZG       8.0    8.0    1.7    6.7    6.1
                DALZ 1814      ZG       6.7    8.0    3.3    4.3    5.6
                FZ 1717        ZG       7.0    6.0    4.0    5.3    5.6
                FZ 1710        ZG       8.0    4.7    3.7    4.7    5.3
                FZ 1714        ZG       6.0    4.0    2.0    4.0    4.0

                LSD VALUE               1.1    1.9    2.9    1.3    1.0
                C.V. (%)                9.2   18.5   58.7   15.3   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.

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TABLE 9D.          SPRING GREENUP RATINGS OF WARM-SEASON (SEASHORE PASPALUM) CULTIVARS  1/
                                    GROWN ON A GREEN
                                      2023 DATA

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

               NAME                FL3    MS1    TX2    VA6    MEAN

               SEASTAR      SP     7.7    8.7    1.3     2     4.9
               UGA 16-1105  SP     7.3    7.3    2.0     2     4.7
               UGA 17-653   SP     5.7    9.0    1.0     2     4.4
               UGA 17-622   SP     6.0    6.0    1.0     2     3.8

               LSD VALUE           1.4    3.0    1.5     0     0.9
               C.V. (%)           13.0   23.9   68.5     0    25.2
```

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.

LEAF TEXTURE RATINGS OF WARM-SEASON CULTIVARS 1/
                                         GROWN ON A GREEN
                                           2023 DATA

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

NAME		CA3	FL3	MS1	TX2	MEAN
FZ 1710	ZG	7.7	8.7	7.0	7.7	7.8
MSB-1050	BG	8.0	7.7	7.0	7.7	7.6
FZ 1717	ZG	8.0	7.3	6.0	9.0	7.6
DALZ 1815	ZG	7.0	8.3	6.3	8.3	7.5
FZ 1714	ZG	7.7	7.7	6.0	8.3	7.4
DALZ 1814	ZG	7.3	7.3	6.0	8.7	7.3
DIAMOND	ZG	7.7	7.0	5.7	8.7	7.3
MINI-VERDE	BG	6.7	7.7	7.0	7.5	7.2
FB 1901	BG	6.7	7.7	6.3	8.0	7.2
OKC0805	BG	7.3	5.7	6.7	7.5	6.8
TAHOMA 31	BG	6.0	6.3	6.0	7.0	6.3
TIFEAGLE	BG	6.0	6.7	6.3	6.0	6.3
OKC3920	BG	6.0	7.3	6.3	5.0	6.2
SEASTAR	SP	6.3	6.3	6.0	5.7	6.1
UGA 17-622	SP	5.7	6.7	5.7	6.3	6.1
OKC0920	BG	7.0	6.0	6.0	5.0	6.0
TIFDWARF	BG	6.0	6.7	6.0	5.0	5.9
UGA 16-1105	SP	5.7	5.3	5.7	5.7	5.6
UGA 17-653	SP	5.3	5.0	6.0	6.0	5.6
LSD VALUE		1.0	1.1	0.8	1.0	0.5
C.V. (%)		9.4	10.1	8.0	7.7	8.9

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

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

```
TABLE 10B.           LEAF TEXTURE RATINGS OF WARM-SEASON (BERMUDAGRASS) CULTIVARS  1/
                             GROWN ON A GREEN
                                2023 DATA

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

              NAME                CA3    FL3    MS1    TX2    MEAN

              MSB-1050      BG     8.0    7.7    7.0    7.7    7.6
              MINI-VERDE    BG     6.7    7.7    7.0    7.5    7.2
              FB 1901       BG     6.7    7.7    6.3    8.0    7.2
              OKC0805       BG     7.3    5.7    6.7    7.5    6.8
              TAHOMA 31     BG     6.0    6.3    6.0    7.0    6.3
              TIFEAGLE      BG     6.0    6.7    6.3    6.0    6.3
              OKC3920       BG     6.0    7.3    6.3    5.0    6.2
              OKC0920       BG     7.0    6.0    6.0    5.0    6.0
              TIFDWARF      BG     6.0    6.7    6.0    5.0    5.9

              LSD VALUE            0.9    1.4    1.0    0.8    0.5
              C.V. (%)            8.7   12.6    9.5    6.0    9.9
```

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 10C.           LEAF TEXTURE RATINGS OF WARM-SEASON (ZOYSIAGRASS) CULTIVARS  1/
                             GROWN ON A GREEN
                                2023 DATA

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

              NAME                CA3    FL3    MS1    TX2    MEAN

              FZ 1710       ZG     7.7    8.7    7.0    7.7    7.8
              FZ 1717       ZG     8.0    7.3    6.0    9.0    7.6
              DALZ 1815     ZG     7.0    8.3    6.3    8.3    7.5
              FZ 1714       ZG     7.7    7.7    6.0    8.3    7.4
              DALZ 1814     ZG     7.3    7.3    6.0    8.7    7.3
              DIAMOND       ZG     7.7    7.0    5.7    8.7    7.3

              LSD VALUE            1.2    0.8    0.5    1.1    0.5
              C.V. (%)            9.9    6.8    5.4    7.9    7.9
```

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

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

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TABLE 10D.          LEAF TEXTURE RATINGS OF WARM-SEASON (SEASHORE PASPALUM) CULTIVARS  1/
                                   GROWN ON A GREEN
                                      2023 DATA

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

              NAME                CA3    FL3    MS1    TX2    MEAN

              SEASTAR       SP     6.3    6.3    6.0    5.7    6.1
              UGA 17-622    SP     5.7    6.7    5.7    6.3    6.1
              UGA 16-1105   SP     5.7    5.3    5.7    5.7    5.6
              UGA 17-653    SP     5.3    5.0    6.0    6.0    5.6

              LSD VALUE            0.9    0.8    0.7    0.8    0.4
              C.V. (%)            10.0    8.6    7.0    8.5    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 11A.                    SPRING DENSITY RATINGS OF WARM-SEASON CULTIVARS  1/
                                        GROWN ON A GREEN
                                           2023 DATA

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

                    NAME                   CA3     FL3     VA6    MEAN

                    DALZ 1814      ZG       7.3     7.7     6.0     7.0
                    MSB-1050       BG       6.7     9.0     4.7     6.8
                    DALZ 1815      ZG       6.7     7.3     6.0     6.7
                    FZ 1710        ZG       6.7     8.0     5.0     6.6
                    MINI-VERDE     BG       7.0     7.0     5.3     6.4
                    OKC0920        BG       6.7     6.7     5.7     6.3
                    DIAMOND        ZG       6.7     7.3     4.7     6.2
                    TAHOMA 31      BG       6.0     7.0     5.7     6.2
                    FZ 1717        ZG       7.3     7.0     4.3     6.2
                    FZ 1714        ZG       6.3     7.0     5.0     6.1
                    TIFEAGLE       BG       6.7     6.3     5.3     6.1
                    FB 1901        BG       6.0     7.0     4.3     5.8
                    OKC0805        BG       6.0     6.0     5.3     5.8
                    OKC3920        BG       6.7     6.0     4.0     5.6
                    SEASTAR        SP       6.3     7.0     2.0     5.1
                    TIFDWARF       BG       5.0     5.3     4.7     5.0
                    UGA 16-1105    SP       6.0     7.0     2.0     5.0
                    UGA 17-622     SP       5.7     6.7     2.0     4.8
                    UGA 17-653     SP       5.3     6.0     2.0     4.4

                    LSD VALUE               1.1     1.1     1.7     0.7
                    C.V. (%)               10.4     9.6    23.4    13.7
```

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

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

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TABLE 11B.            SPRING DENSITY RATINGS OF WARM-SEASON (BERMUDAGRASS) CULTIVARS  1/
                                    GROWN ON A GREEN
                                      2023 DATA

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

              NAME                    CA3     FL3     VA6     MEAN

              MSB-1050      BG        6.7     9.0     4.7     6.8
              MINI-VERDE    BG        7.0     7.0     5.3     6.4
              OKC0920       BG        6.7     6.7     5.7     6.3
              TAHOMA 31     BG        6.0     7.0     5.7     6.2
              TIFEAGLE      BG        6.7     6.3     5.3     6.1
              FB 1901       BG        6.0     7.0     4.3     5.8
              OKC0805       BG        6.0     6.0     5.3     5.8
              OKC3920       BG        6.7     6.0     4.0     5.6
              TIFDWARF      BG        5.0     5.3     4.7     5.0

              LSD VALUE               1.1     1.2     1.6     0.8
              C.V. (%)               11.0    11.1    19.6    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.

```
TABLE 11C.            SPRING DENSITY RATINGS OF WARM-SEASON (ZOYSIAGRASS) CULTIVARS  1/
                                    GROWN ON A GREEN
                                      2023 DATA

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

              NAME                    CA3     FL3     VA6     MEAN

              DALZ 1814     ZG        7.3     7.7     6.0     7.0
              DALZ 1815     ZG        6.7     7.3     6.0     6.7
              FZ 1710       ZG        6.7     8.0     5.0     6.6
              DIAMOND       ZG        6.7     7.3     4.7     6.2
              FZ 1717       ZG        7.3     7.0     4.3     6.2
              FZ 1714       ZG        6.3     7.0     5.0     6.1

              LSD VALUE               0.9     1.1     2.2     0.9
              C.V. (%)                8.4     9.6    27.0    14.9
```

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

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

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TABLE 11D.      SPRING DENSITY RATINGS OF WARM-SEASON (SEASHORE PASPALUM) CULTIVARS  1/
                                 GROWN ON A GREEN
                                   2023 DATA

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

                NAME                  CA3    FL3    VA6    MEAN

                SEASTAR         SP     6.3    7.0     2     5.1
                UGA 16-1105     SP     6.0    7.0     2     5.0
                UGA 17-622      SP     5.7    6.7     2     4.8
                UGA 17-653      SP     5.3    6.0     2     4.4

                LSD VALUE              1.1    0.5     0     0.4
                C.V. (%)              12.1    4.3     0     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.

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TABLE 12A.                    SUMMER DENSITY RATINGS OF WARM-SEASON CULTIVARS  1/
                                        GROWN ON A GREEN
                                          2023 DATA

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

                  NAME                    CA3    FL3    VA6    MEAN

                  FZ 1717       ZG        8.0    9.0    7.0    8.0
                  DIAMOND       ZG        7.3    8.3    7.7    7.8
                  FZ 1710       ZG        7.3    8.7    7.3    7.8
                  FZ 1714       ZG        8.0    7.3    7.3    7.6
                  MSB-1050      BG        6.3    9.0    7.3    7.6
                  DALZ 1815     ZG        7.3    8.3    6.3    7.3
                  TAHOMA 31     BG        6.7    7.0    7.7    7.1
                  FB 1901       BG        6.7    7.0    7.3    7.0
                  MINI-VERDE    BG        6.3    7.3    7.3    7.0
                  DALZ 1814     ZG        7.0    7.7    6.0    6.9
                  OKC0805       BG        6.3    7.3    6.7    6.8
                  TIFEAGLE      BG        6.3    6.7    7.0    6.7
                  TIFDWARF      BG        6.0    6.0    7.0    6.3
                  OKC0920       BG        7.3    6.0    5.3    6.2
                  OKC3920       BG        7.7    5.7    4.0    5.8
                  UGA 17-622    SP        6.7    6.7    3.0    5.4
                  UGA 17-653    SP        6.7    6.7    3.0    5.4
                  SEASTAR       SP        6.3    7.0    3.0    5.4
                  UGA 16-1105   SP        6.3    6.7    3.0    5.3

                  LSD VALUE               1.5    0.8    1.7    0.8
                  C.V. (%)               13.3    7.0   17.3   12.7


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 12B.          SUMMER DENSITY RATINGS OF WARM-SEASON (BERMUDAGRASS) CULTIVARS  1/
                                 GROWN ON A GREEN
                                    2023 DATA

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

                 NAME                 CA3    FL3    VA6    MEAN

                 MSB-1050      BG      6.3    9.0    7.3    7.6
                 TAHOMA 31     BG      6.7    7.0    7.7    7.1
                 FB 1901       BG      6.7    7.0    7.3    7.0
                 MINI-VERDE    BG      6.3    7.3    7.3    7.0
                 OKC0805       BG      6.3    7.3    6.7    6.8
                 TIFEAGLE      BG      6.3    6.7    7.0    6.7
                 TIFDWARF      BG      6.0    6.0    7.0    6.3
                 OKC0920       BG      7.3    6.0    5.3    6.2
                 OKC3920       BG      7.7    5.7    4.0    5.8

                 LSD VALUE            1.5    0.8    2.3    0.9
                 C.V. (%)            13.9    7.4   21.3   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 12C.          SUMMER DENSITY RATINGS OF WARM-SEASON (ZOYSIAGRASS) CULTIVARS  1/
                                 GROWN ON A GREEN
                                    2023 DATA

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

                 NAME                 CA3    FL3    VA6    MEAN

                 FZ 1717       ZG      8.0    9.0    7.0    8.0
                 DIAMOND       ZG      7.3    8.3    7.7    7.8
                 FZ 1710       ZG      7.3    8.7    7.3    7.8
                 FZ 1714       ZG      8.0    7.3    7.3    7.6
                 DALZ 1815     ZG      7.3    8.3    6.3    7.3
                 DALZ 1814     ZG      7.0    7.7    6.0    6.9

                 LSD VALUE            1.3    0.8    1.0    0.6
                 C.V. (%)            10.9    6.4    9.0    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.

```
TABLE 12D.      SUMMER DENSITY RATINGS OF WARM-SEASON (SEASHORE PASPALUM) CULTIVARS  1/
                                GROWN ON A GREEN
                                   2023 DATA

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

               NAME                CA3    FL3    VA6    MEAN

               UGA 17-622    SP     6.7    6.7     3     5.4
               UGA 17-653    SP     6.7    6.7     3     5.4
               SEASTAR       SP     6.3    7.0     3     5.4
               UGA 16-1105   SP     6.3    6.7     3     5.3

               LSD VALUE            1.7    0.8     0     0.6
               C.V. (%)            16.0    7.4     0    12.3
```

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

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

```
TABLE 13A.                    FALL DENSITY RATINGS OF WARM-SEASON CULTIVARS  1/
                                        GROWN ON A GREEN
                                           2023 DATA

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

                  NAME                    CA3     FL3     VA6    MEAN

                  FZ 1710       ZG        8.0     8.7     6.7     7.8
                  FZ 1714       ZG        8.7     7.3     7.0     7.7
                  FZ 1717       ZG        7.7     8.7     6.7     7.7
                  DIAMOND       ZG        7.3     8.3     6.7     7.4
                  DALZ 1815     ZG        7.3     7.7     7.0     7.3
                  DALZ 1814     ZG        7.3     7.7     6.7     7.2
                  MSB-1050      BG        6.0     9.0     6.3     7.1
                  MINI-VERDE    BG        6.0     7.0     6.7     6.6
                  FB 1901       BG        6.3     7.0     6.3     6.6
                  OKC0920       BG        6.7     6.0     6.7     6.4
                  TAHOMA 31     BG        6.7     6.3     6.3     6.4
                  TIFEAGLE      BG        6.0     7.0     5.7     6.2
                  OKC0805       BG        5.7     7.0     5.7     6.1
                  OKC3920       BG        6.3     5.0     6.3     5.9
                  TIFDWARF      BG        5.3     6.0     6.0     5.8
                  UGA 17-622    SP        4.3     8.0     2.0     4.8
                  SEASTAR       SP        4.3     7.0     2.0     4.4
                  UGA 16-1105   SP        5.0     6.3     2.0     4.4
                  UGA 17-653    SP        3.7     6.3     2.0     4.0

                  LSD VALUE               1.0     0.8     0.9     0.5
                  C.V. (%)               10.2     7.1    10.2     9.1
```

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

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

TABLE 13B.   FALL DENSITY RATINGS OF WARM-SEASON (BERMUDAGRASS) CULTIVARS 1/
                              GROWN ON A GREEN
                                2023 DATA

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

NAME		CA3	FL3	VA6	MEAN
MSB-1050	BG	6.0	9.0	6.3	7.1
MINI-VERDE	BG	6.0	7.0	6.7	6.6
FB 1901	BG	6.3	7.0	6.3	6.6
OKC0920	BG	6.7	6.0	6.7	6.4
TAHOMA 31	BG	6.7	6.3	6.3	6.4
TIFEAGLE	BG	6.0	7.0	5.7	6.2
OKC0805	BG	5.7	7.0	5.7	6.1
OKC3920	BG	6.3	5.0	6.3	5.9
TIFDWARF	BG	5.3	6.0	6.0	5.8
LSD VALUE		1.1	0.8	1.2	0.6
C.V. (%)		10.9	7.6	11.6	10.1

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

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

TABLE 13C.   FALL DENSITY RATINGS OF WARM-SEASON (ZOYSIAGRASS) CULTIVARS 1/
                              GROWN ON A GREEN
                                2023 DATA

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

NAME		CA3	FL3	VA6	MEAN
FZ 1710	ZG	8.0	8.7	6.7	7.8
FZ 1714	ZG	8.7	7.3	7.0	7.7
FZ 1717	ZG	7.7	8.7	6.7	7.7
DIAMOND	ZG	7.3	8.3	6.7	7.4
DALZ 1815	ZG	7.3	7.7	7.0	7.3
DALZ 1814	ZG	7.3	7.7	6.7	7.2
LSD VALUE		1.1	0.9	0.8	0.5
C.V. (%)		8.6	7.2	7.0	7.7

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

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

```
TABLE 13D.        FALL DENSITY RATINGS OF WARM-SEASON (SEASHORE PASPALUM) CULTIVARS  1/
                               GROWN ON A GREEN
                                 2023 DATA

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

              NAME                 CA3    FL3    VA6    MEAN

              UGA 17-622    SP      4.3    8.0     2     4.8
              SEASTAR       SP      4.3    7.0     2     4.4
              UGA 16-1105   SP      5.0    6.3     2     4.4
              UGA 17-653    SP      3.7    6.3     2     4.0

              LSD VALUE            0.8    0.7     0     0.3
              C.V. (%)            11.5    5.9     0     8.4
```

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

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

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME		MS1
FB 1901	BG	99.0
MINI-VERDE	BG	99.0
MSB-1050	BG	99.0
OKC0805	BG	99.0
TAHOMA 31	BG	99.0
TIFDWARF	BG	99.0
TIFEAGLE	BG	99.0
OKC0920	BG	92.7
DIAMOND	ZG	89.3
UGA 17-653	SP	86.3
DALZ 1814	ZG	83.0
DALZ 1815	ZG	83.0
SEASTAR	SP	83.0
OKC3920	BG	82.7
FZ 1717	ZG	60.0
UGA 16-1105	SP	53.3
UGA 17-622	SP	53.3
FZ 1710	ZG	46.7
FZ 1714	ZG	40.0
LSD VALUE		23.0
C.V. (%)		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 14B. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF WARM-SEASON (BERMUDAGRASS) CULTIVARS 1/
                              GROWN ON A GREEN
                                 2023 DATA

                   PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

                        NAME   MS1

                        FB 1901   BG   99.0
                        MINI-VERDE   BG   99.0
                        MSB-1050   BG   99.0
                        OKC0805   BG   99.0
                        TAHOMA 31   BG   99.0
                        TIFDWARF   BG   99.0
                        TIFEAGLE   BG   99.0
                        OKC0920   BG   92.7
                        OKC3920   BG   82.7

                        LSD VALUE   16.3
                        C.V. (%)   10.5

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 14C. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF WARM-SEASON (ZOYSIAGRASS) CULTIVARS 1/
                              GROWN ON A GREEN
                                 2023 DATA

                   PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

                        NAME   MS1

                        DIAMOND   ZG   89.3
                        DALZ 1814   ZG   83.0
                        DALZ 1815   ZG   83.0
                        FZ 1717   ZG   60.0
                        FZ 1710   ZG   46.7
                        FZ 1714   ZG   40.0

                        LSD VALUE   23.2
                        C.V. (%)   21.5

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 14D. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF WARM-SEASON (SEASHORE PASPALUM) CULTIVARS 1/
GROWN ON A GREEN
2023 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME		MS1
UGA 17-653	SP	86.3
SEASTAR	SP	83.0
UGA 16-1105	SP	53.3
UGA 17-622	SP	53.3
LSD VALUE		33.2
C.V. (%)		29.9

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 15A.   WINTER COLOR RATINGS OF WARM-SEASON CULTIVARS 1/
                                      GROWN ON A GREEN
                                         2023 DATA

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

                              NAME   VA6

                              FZ 1717   ZG   7.7
                              DALZ 1814   ZG   7.3
                              DALZ 1815   ZG   7.3
                              DIAMOND   ZG   7.0
                              MINI-VERDE   BG   7.0
                              TIFEAGLE   BG   7.0
                              FZ 1714   ZG   6.7
                              MSB-1050   BG   6.7
                              TIFDWARF   BG   6.7
                              TAHOMA 31   BG   6.3
                              OKC0805   BG   6.0
                              OKC0920   BG   5.7
                              OKC3920   BG   5.7
                              FZ 1710   ZG   5.3
                              FB 1901   BG   5.0
                              SEASTAR   SP   2.0
                              UGA 16-1105   SP   2.0
                              UGA 17-622   SP   2.0
                              UGA 17-653   SP   2.0

                              LSD VALUE   1.5
                              C.V. (%)   17.2

    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 15B.          WINTER COLOR RATINGS OF WARM-SEASON (BERMUDAGRASS) CULTIVARS  1/
                              GROWN ON A GREEN
                                 2023 DATA

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


                          NAME                VA6

                          MINI-VERDE    BG    7.0
                          TIFEAGLE      BG    7.0
                          MSB-1050      BG    6.7
                          TIFDWARF      BG    6.7
                          TAHOMA 31     BG    6.3
                          OKC0805       BG    6.0
                          OKC0920       BG    5.7
                          OKC3920       BG    5.7
                          FB 1901       BG    5.0

                          LSD VALUE           1.9
                          C.V. (%)           19.1
```

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 15C.          WINTER COLOR RATINGS OF WARM-SEASON (ZOYSIAGRASS) CULTIVARS  1/
                              GROWN ON A GREEN
                                 2023 DATA

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


                          NAME                VA6

                          FZ 1717       ZG    7.7
                          DALZ 1814     ZG    7.3
                          DALZ 1815     ZG    7.3
                          DIAMOND       ZG    7.0
                          FZ 1714       ZG    6.7
                          FZ 1710       ZG    5.3

                          LSD VALUE           1.4
                          C.V. (%)           12.8
```

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

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

```
TABLE 15D.          WINTER COLOR RATINGS OF WARM-SEASON (SEASHORE PASPALUM) CULTIVARS  1/
                              GROWN ON A GREEN
                                 2023 DATA

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


                         NAME                 VA6

                         SEASTAR        SP      2
                         UGA 16-1105    SP      2
                         UGA 17-622     SP      2
                         UGA 17-653     SP      2

                         LSD VALUE              0
                         C.V. (%)               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 16A.                    THATCH MEASUREMENTS OF WARM-SEASON CULTIVARS  1/
                                      GROWN ON A GREEN
                                        2023 DATA

                             THATCH MEASUREMENTS IN MILLIMETERS  2/


                             NAME                  FL3

                             MSB-1050       BG     77.0
                             FZ 1710        ZG     63.3
                             DALZ 1814      ZG     60.7
                             FZ 1717        ZG     58.0
                             FZ 1714        ZG     56.0
                             DIAMOND        ZG     50.3
                             DALZ 1815      ZG     48.3
                             UGA 17-622     SP     38.3
                             OKC0805        BG     35.3
                             TAHOMA 31      BG     34.7
                             UGA 16-1105    SP     28.3
                             OKC0920        BG     27.0
                             TIFEAGLE       BG     26.7
                             SEASTAR        SP     26.3
                             OKC3920        BG     22.7
                             FB 1901        BG     21.0
                             UGA 17-653     SP     21.0
                             MINI-VERDE     BG     16.7
                             TIFDWARF       BG     15.3


                             LSD VALUE             14.4
                             C.V. (%)              23.3
```

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

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

```
TABLE 16B.            THATCH MEASUREMENTS OF WARM-SEASON (BERMUDAGRASS) CULTIVARS  1/
                              GROWN ON A GREEN
                                 2023 DATA

                        THATCH MEASUREMENTS IN MILLIMETERS  2/


                        NAME                FL3

                        MSB-1050       BG    77.0
                        OKC0805        BG    35.3
                        TAHOMA 31      BG    34.7
                        OKC0920        BG    27.0
                        TIFEAGLE       BG    26.7
                        OKC3920        BG    22.7
                        FB 1901        BG    21.0
                        MINI-VERDE     BG    16.7
                        TIFDWARF       BG    15.3


                        LSD VALUE            11.0
                        C.V. (%)             22.2
```

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 16C.            THATCH MEASUREMENTS OF WARM-SEASON (ZOYSIAGRASS) CULTIVARS  1/
                              GROWN ON A GREEN
                                 2023 DATA

                        THATCH MEASUREMENTS IN MILLIMETERS  2/


                        NAME                FL3

                        FZ 1710        ZG    63.3
                        DALZ 1814      ZG    60.7
                        FZ 1717        ZG    58.0
                        FZ 1714        ZG    56.0
                        DIAMOND        ZG    50.3
                        DALZ 1815      ZG    48.3


                        LSD VALUE            20.7
                        C.V. (%)             22.9
```

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 16D.          THATCH MEASUREMENTS OF WARM-SEASON (SEASHORE PASPALUM) CULTIVARS  1/
                              GROWN ON A GREEN
                              2023 DATA

                    THATCH MEASUREMENTS IN MILLIMETERS  2/

                    NAME                 FL3

                    UGA 17-622    SP    38.3
                    UGA 16-1105   SP    28.3
                    SEASTAR       SP    26.3
                    UGA 17-653    SP    21.0

                    LSD VALUE            8.3
                    C.V. (%)            18.1
```

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

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

```
TABLE 17A.              FALL COLOR (OCTOBER) RATINGS OF WARM-SEASON CULTIVARS  1/
                                    GROWN ON A GREEN
                                      2023 DATA

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


                          NAME                   FL3

                          FZ 1710        ZG       8.7
                          DALZ 1815      ZG       8.0
                          FZ 1714        ZG       7.7
                          FZ 1717        ZG       7.7
                          MSB-1050       BG       7.7
                          TIFDWARF       BG       7.7
                          UGA 17-622     SP       7.7
                          DIAMOND        ZG       7.3
                          OKC3920        BG       7.3
                          DALZ 1814      ZG       7.0
                          MINI-VERDE     BG       7.0
                          SEASTAR        SP       7.0
                          TIFEAGLE       BG       7.0
                          UGA 17-653     SP       7.0
                          OKC0920        BG       6.7
                          TAHOMA 31      BG       6.7
                          UGA 16-1105    SP       6.7
                          FB 1901        BG       6.3
                          OKC0805        BG       6.3

                          LSD VALUE               0.9
                          C.V. (%)                7.3
```

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

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

```
TABLE 17B.          FALL COLOR (OCTOBER) RATINGS OF WARM-SEASON (BERMUDAGRASS) CULTIVARS  1/
                                    GROWN ON A GREEN
                                       2023 DATA

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

                            NAME                FL3

                            MSB-1050     BG     7.7
                            TIFDWARF     BG     7.7
                            OKC3920      BG     7.3
                            MINI-VERDE   BG     7.0
                            TIFEAGLE     BG     7.0
                            OKC0920      BG     6.7
                            TAHOMA 31    BG     6.7
                            FB 1901      BG     6.3
                            OKC0805      BG     6.3

                            LSD VALUE           1.0
                            C.V. (%)            8.7
```

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 17C.          FALL COLOR (OCTOBER) RATINGS OF WARM-SEASON (ZOYSIAGRASS) CULTIVARS  1/
                                    GROWN ON A GREEN
                                       2023 DATA

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

                            NAME                FL3

                            FZ 1710      ZG     8.7
                            DALZ 1815    ZG     8.0
                            FZ 1714      ZG     7.7
                            FZ 1717      ZG     7.7
                            DIAMOND      ZG     7.3
                            DALZ 1814    ZG     7.0

                            LSD VALUE           0.8
                            C.V. (%)            6.1
```

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

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

TABLE 17D.   FALL COLOR (OCTOBER) RATINGS OF WARM-SEASON (SEASHORE PASPALUM) CULTIVARS 1/
                                    GROWN ON A GREEN
                                        2023 DATA

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

                              NAME   FL3

                              UGA 17-622   SP   7.7
                              SEASTAR   SP   7.0
                              UGA 17-653   SP   7.0
                              UGA 16-1105   SP   6.7

                              LSD VALUE   0.7
                              C.V. (%)   5.8

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 18A.   FALL COLOR (NOVEMBER) RATINGS OF WARM-SEASON CULTIVARS 1/
                                     GROWN ON A GREEN
                                        2023 DATA

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

                              NAME   FL3

                              FZ 1710   ZG   8.0
                              DIAMOND   ZG   7.3
                              DALZ 1815   ZG   7.0
                              DALZ 1814   ZG   6.7
                              FZ 1717   ZG   6.7
                              FZ 1714   ZG   6.3
                              UGA 17-622   SP   6.3
                              OKC3920   BG   6.0
                              MSB-1050   BG   5.7
                              SEASTAR   SP   5.7
                              UGA 16-1105 SP   5.7
                              OKC0920   BG   5.3
                              TIFEAGLE   BG   5.3
                              TAHOMA 31   BG   5.0
                              MINI-VERDE   BG   4.7
                              TIFDWARF   BG   4.7
                              FB 1901   BG   4.3
                              OKC0805   BG   4.0
                              UGA 17-653   SP   4.0

                              LSD VALUE   0.9
                              C.V. (%)   10.1

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

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

TABLE 18B.   FALL COLOR (NOVEMBER) RATINGS OF WARM-SEASON (BERMUDAGRASS) CULTIVARS 1/
                            GROWN ON A GREEN
                                2023 DATA

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

                         NAME   FL3

                         OKC3920   BG   6.0
                         MSB-1050   BG   5.7
                         OKC0920   BG   5.3
                         TIFEAGLE   BG   5.3
                         TAHOMA 31   BG   5.0
                         MINI-VERDE   BG   4.7
                         TIFDWARF   BG   4.7
                         FB 1901   BG   4.3
                         OKC0805   BG   4.0

                         LSD VALUE   1.1
                         C.V. (%)   13.3

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

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

TABLE 18C.   FALL COLOR (NOVEMBER) RATINGS OF WARM-SEASON (ZOYSIAGRASS) CULTIVARS 1/
                            GROWN ON A GREEN
                                2023 DATA

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

                         NAME   FL3

                         FZ 1710   ZG   8.0
                         DIAMOND   ZG   7.3
                         DALZ 1815   ZG   7.0
                         DALZ 1814   ZG   6.7
                         FZ 1717   ZG   6.7
                         FZ 1714   ZG   6.3

                         LSD VALUE   0.8
                         C.V. (%)   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 18D.   FALL COLOR (NOVEMBER) RATINGS OF WARM-SEASON (SEASHORE PASPALUM) CULTIVARS 1/
                                    GROWN ON A GREEN
                                       2023 DATA

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

                              NAME   FL3

                              UGA 17-622   SP   6.3
                              SEASTAR   SP   5.7
                              UGA 16-1105   SP   5.7
                              UGA 17-653   SP   4.0

                              LSD VALUE   0.8
                              C.V. (%)   9.2

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

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

```
TABLE 19A.              FALL COLOR (DECEMBER) RATINGS OF WARM-SEASON CULTIVARS  1/
                                    GROWN ON A GREEN
                                       2023 DATA

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


                              NAME                CA3

                              FZ 1710       ZG     6.0
                              DALZ 1815     ZG     5.7
                              DALZ 1814     ZG     4.3
                              FZ 1714       ZG     4.0
                              FZ 1717       ZG     3.0
                              DIAMOND       ZG     2.0
                              MINI-VERDE    BG     2.0
                              TIFDWARF      BG     2.0
                              UGA 16-1105   SP     2.0
                              OKC3920       BG     1.7
                              TIFEAGLE      BG     1.7
                              FB 1901       BG     1.3
                              OKC0920       BG     1.3
                              MSB-1050      BG     1.0
                              OKC0805       BG     1.0
                              SEASTAR       SP     1.0
                              TAHOMA 31     BG     1.0
                              UGA 17-622    SP     1.0
                              UGA 17-653    SP     1.0


                              LSD VALUE            0.9
                              C.V. (%)            24.8
```

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 19B.        FALL COLOR (DECEMBER) RATINGS OF WARM-SEASON (BERMUDAGRASS) CULTIVARS  1/
                                    GROWN ON A GREEN
                                      2023 DATA

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

                              NAME                CA3

                              MINI-VERDE    BG    2.0
                              TIFDWARF      BG    2.0
                              OKC3920       BG    1.7
                              TIFEAGLE      BG    1.7
                              FB 1901       BG    1.3
                              OKC0920       BG    1.3
                              MSB-1050      BG    1.0
                              OKC0805       BG    1.0
                              TAHOMA 31     BG    1.0

                              LSD VALUE           0.6
                              C.V. (%)           26.6
```

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

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

```
TABLE 19C.        FALL COLOR (DECEMBER) RATINGS OF WARM-SEASON (ZOYSIAGRASS) CULTIVARS  1/
                                    GROWN ON A GREEN
                                      2023 DATA

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

                              NAME                CA3

                              FZ 1710       ZG    6.0
                              DALZ 1815     ZG    5.7
                              DALZ 1814     ZG    4.3
                              FZ 1714       ZG    4.0
                              FZ 1717       ZG    3.0
                              DIAMOND       ZG    2.0

                              LSD VALUE           1.3
                              C.V. (%)           18.8
```

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

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

TABLE 19D.   FALL COLOR (DECEMBER) RATINGS OF WARM-SEASON (SEASHORE PASPALUM) CULTIVARS 1/
                              GROWN ON A GREEN
                                 2023 DATA

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

                        NAME   CA3

                        UGA 16-1105   SP   2.0
                        SEASTAR   SP   1.0
                        UGA 17-622   SP   1.0
                        UGA 17-653   SP   1.0

                        LSD VALUE   0.8
                        C.V. (%)   40.0

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 20A.                          SEEDHEAD RATINGS OF WARM-SEASON CULTIVARS  1/
                                              GROWN ON A GREEN
                                                 2023 DATA

                                   SEEDHEAD RATINGS 1-9; 9=NONE  2/

                        NAME                    CA3    FL3    MEAN

                        FZ 1710      ZG         9.0    5.0    7.0
                        DALZ 1814    ZG         9.0    3.7    6.3
                        FZ 1717      ZG         9.0    3.3    6.2
                        SEASTAR      SP         9.0    2.7    5.8
                        FZ 1714      ZG         9.0    2.3    5.7
                        DALZ 1815    ZG         9.0    1.7    5.3
                        DIAMOND      ZG         9.0    1.0    5.0
                        FB 1901      BG         9.0    1.0    5.0
                        MINI-VERDE   BG         9.0    1.0    5.0
                        TIFEAGLE     BG         8.7    1.0    4.8
                        TAHOMA 31    BG         8.3    1.0    4.7
                        OKC0920      BG         8.0    1.0    4.5
                        OKC3920      BG         8.0    1.0    4.5
                        TIFDWARF     BG         8.0    1.0    4.5
                        UGA 17-622   SP         7.7    1.3    4.5
                        MSB-1050     BG         7.3    1.0    4.2
                        UGA 17-653   SP         7.0    1.0    4.0
                        OKC0805      BG         6.0    1.0    3.5
                        UGA 16-1105  SP         5.7    1.3    3.5

                        LSD VALUE               1.5    0.8    0.8
                        C.V. (%)               11.4   28.1   15.0
```

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

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

```
TABLE 20B.              SEEDHEAD RATINGS OF WARM-SEASON (BERMUDAGRASS) CULTIVARS  1/
                                   GROWN ON A GREEN
                                      2023 DATA

                        SEEDHEAD RATINGS 1-9; 9=NONE  2/

                 NAME                   CA3    FL3    MEAN

                 FB 1901      BG        9.0     1     5.0
                 MINI-VERDE   BG        9.0     1     5.0
                 TIFEAGLE     BG        8.7     1     4.8
                 TAHOMA 31    BG        8.3     1     4.7
                 OKC0920      BG        8.0     1     4.5
                 OKC3920      BG        8.0     1     4.5
                 TIFDWARF     BG        8.0     1     4.5
                 MSB-1050     BG        7.3     1     4.2
                 OKC0805      BG        6.0     1     3.5


                 LSD VALUE              1.3     0     0.7
                 C.V. (%)              10.2     0    12.8
```

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

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


```
TABLE 20C.              SEEDHEAD RATINGS OF WARM-SEASON (ZOYSIAGRASS) CULTIVARS  1/
                                   GROWN ON A GREEN
                                      2023 DATA

                        SEEDHEAD RATINGS 1-9; 9=NONE  2/

                 NAME                   CA3    FL3    MEAN

                 FZ 1710      ZG         9     5.0    7.0
                 DALZ 1814    ZG         9     3.7    6.3
                 FZ 1717      ZG         9     3.3    6.2
                 FZ 1714      ZG         9     2.3    5.7
                 DALZ 1815    ZG         9     1.7    5.3
                 DIAMOND      ZG         9     1.0    5.0


                 LSD VALUE              0     1.2    0.6
                 C.V. (%)               0    26.3    8.9
```

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

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

SEEDHEAD RATINGS OF WARM-SEASON (SEASHORE PASPALUM) CULTIVARS 1/
                              GROWN ON A GREEN
                              2023 DATA

                      SEEDHEAD RATINGS 1-9; 9=NONE 2/

NAME		CA3	FL3	MEAN
SEASTAR	SP	9.0	2.7	5.8
UGA 17-622	SP	7.7	1.3	4.5
UGA 17-653	SP	7.0	1.0	4.0
UGA 16-1105	SP	5.7	1.3	3.5
LSD VALUE		2.6	0.8	1.4
C.V. (%)		22.3	31.6	27.1

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

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

```
TABLE 21A.                          SEEDHEAD RATINGS OF WARM-SEASON CULTIVARS
                                              AT JAY, FL  1/
                                                2023 DATA


                               SEEDHEAD RATINGS 1-9; 9=NONE  2/

                   NAME                   APRIL      JUNE     OCTOBER     MEAN

                   FZ 1710      ZG         5.0        1.3       1.3        2.6
                   SEASTAR      SP         2.7        3.3       1.0        2.3
                   DALZ 1814    ZG         3.7        1.0       1.0        1.9
                   FZ 1717      ZG         3.3        1.0       1.0        1.8
                   UGA 17-653   SP         1.0        3.3       1.0        1.8
                   UGA 16-1105  SP         1.3        2.7       1.0        1.7
                   UGA 17-622   SP         1.3        2.3       1.0        1.6
                   FZ 1714      ZG         2.3        1.0       1.0        1.4
                   DALZ 1815    ZG         1.7        1.0       1.0        1.2
                   DIAMOND      ZG         1.0        1.0       1.0        1.0
                   FB 1901      BG         1.0        1.0       1.0        1.0
                   MINI-VERDE   BG         1.0        1.0       1.0        1.0
                   MSB-1050     BG         1.0        1.0       1.0        1.0
                   OKC0805      BG         1.0        1.0       1.0        1.0
                   OKC0920      BG         1.0        1.0       1.0        1.0
                   OKC3920      BG         1.0        1.0       1.0        1.0
                   TAHOMA 31    BG         1.0        1.0       1.0        1.0
                   TIFDWARF     BG         1.0        1.0       1.0        1.0
                   TIFEAGLE     BG         1.0        1.0       1.0        1.0

                   LSD VALUE               0.7        0.4       0.4        0.3
                   C.V. (%)               28.6       20.0      13.0       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 21B.   SEEDHEAD RATINGS OF WARM-SEASON (BERMUDAGRASS) CULTIVARS
                               AT JAY, FL 1/
                               2023 DATA

                          SEEDHEAD RATINGS 1-9; 9=NONE 2/

             NAME   APRIL   JUNE   OCTOBER   MEAN

             FB 1901   BG   1   1   1   1
             MINI-VERDE   BG   1   1   1   1
             MSB-1050   BG   1   1   1   1
             OKC0805   BG   1   1   1   1
             OKC0920   BG   1   1   1   1
             OKC3920   BG   1   1   1   1
             TAHOMA 31   BG   1   1   1   1
             TIFDWARF   BG   1   1   1   1
             TIFEAGLE   BG   1   1   1   1

             LSD VALUE   0   0   0   0
             C.V. (%)   0   0   0   0

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

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

TABLE 21C.   SEEDHEAD RATINGS OF WARM-SEASON (ZOYSIAGRASS) CULTIVARS
                               AT JAY, FL 1/
                               2023 DATA

                          SEEDHEAD RATINGS 1-9; 9=NONE 2/

             NAME   APRIL   JUNE   OCTOBER   MEAN

             FZ 1710   ZG   5.0   1.3   1.3   2.6
             DALZ 1814   ZG   3.7   1.0   1.0   1.9
             FZ 1717   ZG   3.3   1.0   1.0   1.8
             FZ 1714   ZG   2.3   1.0   1.0   1.4
             DALZ 1815   ZG   1.7   1.0   1.0   1.2
             DIAMOND   ZG   1.0   1.0   1.0   1.0

             LSD VALUE   1.3   0.6   0.6   0.6
             C.V. (%)   25.8   22.3   22.3   19.1

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 21D.              SEEDHEAD RATINGS OF WARM-SEASON (SEASHORE PASPALUM) CULTIVARS
                                   AT JAY, FL  1/
                                   2023 DATA

                            SEEDHEAD RATINGS 1-9; 9=NONE  2/

                    NAME                 APRIL      JUNE    OCTOBER     MEAN

                    SEASTAR      SP        2.7       3.3        1        2.3
                    UGA 17-653   SP        1.0       3.3        1        1.8
                    UGA 16-1105  SP        1.3       2.7        1        1.7
                    UGA 17-622   SP        1.3       2.3        1        1.6

                    LSD VALUE              1.0       0.6        0        0.2
                    C.V. (%)              29.8       9.9        0        6.8
```

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

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

```
TABLE 22A.                    WINTER DENSITY RATINGS OF WARM-SEASON CULTIVARS  1/
                                         GROWN ON A GREEN
                                            2023 DATA

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

                              NAME                    VA6

                              DALZ 1815       ZG      7.7
                              FZ 1717         ZG      7.3
                              DALZ 1814       ZG      7.0
                              DIAMOND         ZG      7.0
                              FZ 1714         ZG      7.0
                              MINI-VERDE      BG      7.0
                              MSB-1050        BG      6.7
                              TIFDWARF        BG      6.7
                              TIFEAGLE        BG      6.7
                              OKC0805         BG      6.3
                              TAHOMA 31       BG      6.3
                              FZ 1710         ZG      5.3
                              OKC0920         BG      5.3
                              FB 1901         BG      5.0
                              OKC3920         BG      5.0
                              SEASTAR         SP      2.0
                              UGA 16-1105     SP      2.0
                              UGA 17-622      SP      2.0
                              UGA 17-653      SP      2.0

                              LSD VALUE               1.7
                              C.V. (%)               19.6
```

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

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

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TABLE 22B.          WINTER DENSITY RATINGS OF WARM-SEASON (BERMUDAGRASS) CULTIVARS  1/
                                   GROWN ON A GREEN
                                     2023 DATA

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


                         NAME                VA6

                         MINI-VERDE    BG     7.0
                         MSB-1050      BG     6.7
                         TIFDWARF      BG     6.7
                         TIFEAGLE      BG     6.7
                         OKC0805       BG     6.3
                         TAHOMA 31     BG     6.3
                         OKC0920       BG     5.3
                         FB 1901       BG     5.0
                         OKC3920       BG     5.0


                         LSD VALUE            2.3
                         C.V. (%)            23.1
```

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

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


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TABLE 22C.          WINTER DENSITY RATINGS OF WARM-SEASON (ZOYSIAGRASS) CULTIVARS  1/
                                   GROWN ON A GREEN
                                     2023 DATA

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


                         NAME                VA6

                         DALZ 1815     ZG     7.7
                         FZ 1717       ZG     7.3
                         DALZ 1814     ZG     7.0
                         DIAMOND       ZG     7.0
                         FZ 1714       ZG     7.0
                         FZ 1710       ZG     5.3


                         LSD VALUE            1.3
                         C.V. (%)            11.9
```

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

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

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TABLE 22D.        WINTER DENSITY RATINGS OF WARM-SEASON (SEASHORE PASPALUM) CULTIVARS  1/
                              GROWN ON A GREEN
                                  2023 DATA

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

                          NAME                   VA6

                          SEASTAR         SP      2
                          UGA 16-1105     SP      2
                          UGA 17-622      SP      2
                          UGA 17-653      SP      2

                          LSD VALUE               0
                          C.V. (%)                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 23A.   BALL ROLL MEASUREMENTS RATINGS OF WARM-SEASON CULTIVARS
                             GROWN ON A GREEN AT RIVERSIDE, CA 1/
                             2023 DATA

                             BALL ROLL MEASURED IN INCHES

NAME		JUNE	JULY	AUGUST	MEAN
MSB-1050	BG	61.0	70.3	67.0	66.1
FB 1901	BG	60.3	64.0	62.0	62.1
MINI-VERDE	BG	62.0	60.7	60.7	61.1
TIFDWARF	BG	62.3	59.7	61.3	61.1
FZ 1717	ZG	59.0	61.0	62.7	60.9
FZ 1710	ZG	59.0	60.3	58.7	59.3
FZ 1714	ZG	56.0	60.0	60.7	58.9
OKC0805	BG	56.0	57.0	59.0	57.3
TIFEAGLE	BG	62.3	54.3	54.0	56.9
OKC0920	BG	57.7	55.3	56.0	56.3
DALZ 1815	ZG	58.7	54.7	53.0	55.4
TAHOMA 31	BG	56.0	52.0	53.3	53.8
UGA 16-1105	SP	54.0	52.3	54.3	53.6
DALZ 1814	ZG	56.0	52.0	50.3	52.8
SEASTAR	SP	49.7	52.3	53.3	51.8
OKC3920	BG	54.7	46.3	50.3	50.4
DIAMOND	ZG	49.3	50.0	51.7	50.3
UGA 17-653	SP	49.0	48.3	52.0	49.8
UGA 17-622	SP	51.0	48.7	48.0	49.2
LSD VALUE		8.6	9.2	7.3	5.6
C.V. (%)		8.0	9.5	7.6	6.1

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

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

TABLE 23B.   BALL ROLL MEASUREMENTS RATINGS OF WARM-SEASON (BERMUDAGRASS) CULTIVARS
                  GROWN ON A GREEN AT RIVERSIDE, CA 1/
                  2023 DATA

                        BALL ROLL MEASURED IN INCHES

NAME		JUNE	JULY	AUGUST	MEAN
MSB-1050	BG	61.0	70.3	67.0	66.1
FB 1901	BG	60.3	64.0	62.0	62.1
MINI-VERDE	BG	62.0	60.7	60.7	61.1
TIFDWARF	BG	62.3	59.7	61.3	61.1
OKC0805	BG	56.0	57.0	59.0	57.3
TIFEAGLE	BG	62.3	54.3	54.0	56.9
OKC0920	BG	57.7	55.3	56.0	56.3
TAHOMA 31	BG	56.0	52.0	53.3	53.8
OKC3920	BG	54.7	46.3	50.3	50.4
LSD VALUE		9.2	8.8	5.2	3.7
C.V. (%)		6.9	8.7	5.3	3.9

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 23C.   BALL ROLL MEASUREMENTS RATINGS OF WARM-SEASON (ZOYSIAGRASS) CULTIVARS
                  GROWN ON A GREEN AT RIVERSIDE, CA 1/
                  2023 DATA

                        BALL ROLL MEASURED IN INCHES

NAME		JUNE	JULY	AUGUST	MEAN
FZ 1717	ZG	59.0	61.0	62.7	60.9
FZ 1710	ZG	59.0	60.3	58.7	59.3
FZ 1714	ZG	56.0	60.0	60.7	58.9
DALZ 1815	ZG	58.7	54.7	53.0	55.4
DALZ 1814	ZG	56.0	52.0	50.3	52.8
DIAMOND	ZG	49.3	50.0	51.7	50.3
LSD VALUE		12.2	13.5	9.3	8.7
C.V. (%)		9.5	10.9	8.3	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 23D.   BALL ROLL MEASUREMENTS RATINGS OF WARM-SEASON (SEASHORE PASPALUM) CULTIVARS
GROWN ON A GREEN AT RIVERSIDE, CA 1/
2023 DATA

BALL ROLL MEASURED IN INCHES

NAME		JUNE	JULY	AUGUST	MEAN
UGA 16-1105	SP	54.0	52.3	54.3	53.6
SEASTAR	SP	49.7	52.3	53.3	51.8
UGA 17-653	SP	49.0	48.3	52.0	49.8
UGA 17-622	SP	51.0	48.7	48.0	49.2
LSD VALUE		7.2	8.4	12.0	6.8
C.V. (%)		6.3	7.3	10.1	5.9

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.

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            TABLE 24A.         BALL ROLL MEASUREMENTS RATINGS OF WARM-SEASON CULTIVARS
                               GROWN ON A GREEN AT MISS. ST., MS  1/
                                             2023 DATA

                               BALL ROLL MEASURED IN INCHES

       NAME                    MAY       JUNE      JULY      AUGUST    SEPTEMBER    OCTOBER     MEAN

       TIFDWARF      BG        73.7      93.3      104.7     106.0       116.7       106.7      100.2
       FB 1901       BG        73.0      98.3      103.0     105.7       112.0        97.7       98.3
       MINI-VERDE    BG        82.7      91.0       95.3      99.7       112.3       106.7       97.9
       TIFEAGLE      BG        77.3      84.0       95.0      98.0       106.3        92.7       92.2
       OKC3920       BG        67.0      78.7      108.7     101.0        99.7        89.3       90.7
       FZ 1710       ZG        76.3      82.3       92.7      98.0       106.7        87.7       90.6
       MSB-1050      BG        75.7      78.0       88.0      92.0        99.3        94.0       87.8
       FZ 1717       ZG        74.7      90.0       94.7      91.3        90.3        77.3       86.4
       FZ 1714       ZG        75.3      85.0       82.7      89.0        98.3        77.0       84.6
       OKC0805       BG        67.0      76.0       89.3      89.3        88.0        93.3       83.8
       UGA 17-653    SP        64.0      70.0      103.3      94.0        91.0        76.3       83.1
       DALZ 1815     ZG        64.7      75.0       93.3      92.0        93.3        76.3       82.4
       DALZ 1814     ZG        60.0      72.0       96.7      96.7        89.7        76.3       81.9
       TAHOMA 31     BG        61.3      80.7       94.0      91.0        83.7        79.7       81.7
       OKC0920       BG        69.3      79.7       82.7      84.3        85.7        85.0       81.1
       UGA 16-1105   SP        56.7      72.0       91.0      92.0        94.3        79.3       80.9
       SEASTAR       SP        53.3      73.0       94.7      92.0        90.3        76.7       80.0
       DIAMOND       ZG        48.3      66.7      106.3      93.3        82.7        74.3       78.6
       UGA 17-622    SP        57.0      72.0       94.3      87.7        81.0        74.0       77.7

       LSD VALUE               10.8      14.5       15.1      18.9        18.8        14.1       10.3
       C.V. (%)                 9.9      10.1        8.2       8.4        10.8         9.8        6.9
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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.

BALL ROLL MEASURED IN INCHES

NAME		MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	MEAN
TIFDWARF	BG	73.7	93.3	104.7	106.0	116.7	106.7	100.2
FB 1901	BG	73.0	98.3	103.0	105.7	112.0	97.7	98.3
MINI-VERDE	BG	82.7	91.0	95.3	99.7	112.3	106.7	97.9
TIFEAGLE	BG	77.3	84.0	95.0	98.0	106.3	92.7	92.2
OKC3920	BG	67.0	78.7	108.7	101.0	99.7	89.3	90.7
MSB-1050	BG	75.7	78.0	88.0	92.0	99.3	94.0	87.8
OKC0805	BG	67.0	76.0	89.3	89.3	88.0	93.3	83.8
TAHOMA 31	BG	61.3	80.7	94.0	91.0	83.7	79.7	81.7
OKC0920	BG	69.3	79.7	82.7	84.3	85.7	85.0	81.1
LSD VALUE		12.9	13.4	22.7	20.2	19.4	23.4	13.6
C.V. (%)		9.0	8.4	10.9	9.6	10.4	11.5	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.

BALL ROLL MEASURED IN INCHES

NAME		MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	MEAN
FZ 1710	ZG	76.3	82.3	92.7	98.0	106.7	87.7	90.6
FZ 1717	ZG	74.7	90.0	94.7	91.3	90.3	77.3	86.4
FZ 1714	ZG	75.3	85.0	82.7	89.0	98.3	77.0	84.6
DALZ 1815	ZG	64.7	75.0	93.3	92.0	93.3	76.3	82.4
DALZ 1814	ZG	60.0	72.0	96.7	96.7	89.7	76.3	81.9
DIAMOND	ZG	48.3	66.7	106.3	93.3	82.7	74.3	78.6
LSD VALUE		15.2	24.8	5.8	13.1	20.8	8.6	11.7
C.V. (%)		12.0	14.3	3.5	6.0	10.3	5.5	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.

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TABLE 24D.    BALL ROLL MEASUREMENTS RATINGS OF WARM-SEASON (SEASHORE PASPALUM) CULTIVARS
                      GROWN ON A GREEN AT MISS. ST., MS  1/
                                  2023 DATA

                         BALL ROLL MEASURED IN INCHES

        NAME                 MAY     JUNE    JULY    AUGUST  SEPTEMBER OCTOBER    MEAN

        UGA 17-653     SP    64.0    70.0    103.3   94.0    91.0      76.3      83.1
        UGA 16-1105    SP    56.7    72.0    91.0    92.0    94.3      79.3      80.9
        SEASTAR        SP    53.3    73.0    94.7    92.0    90.3      76.7      80.0
        UGA 17-622     SP    57.0    72.0    94.3    87.7    81.0      74.0      77.7

        LSD VALUE            8.1     13.1    12.1    8.6     15.2      16.1      5.5
        C.V. (%)             6.6     7.7     5.8     4.2     7.7       9.0       3.1
```

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

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

APPENDIX TABLE.   SUMMARY OF TURFGRASS QUALITY RATINGS FOR WARM-SEASON GRASSES CULTIVARS
GROWN ON A GREEN
2023 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME		QUALITY MEAN 1/	MAXIMUM IN TOP 25% 2/
DALZ 1814	ZG	5.7	20
DALZ 1815	ZG	5.7	60
DIAMOND	ZG	5.9	80
FB 1901	BG	5.2	0
FZ 1710	ZG	5.8	40
FZ 1714	ZG	5.5	20
FZ 1717	ZG	5.8	60
MINI-VERDE	BG	5.5	0
MSB-1050	BG	5.5	40
OKC0805	BG	5.0	0
OKC0920	BG	4.9	0
OKC3920	BG	5.2	20
SEASTAR	SP	4.8	20
TAHOMA 31	BG	5.4	0
TIFDWARF	BG	5.2	20
TIFEAGLE	BG	5.4	0
UGA 16-1105	SP	4.7	20
UGA 17-622	SP	4.4	0
UGA 17-653	SP	4.6	20
LSD VALUE		0.4	
C.V. (%)		10.1	

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

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

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

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