

NATIONAL TURFGRASS EVALUATION PROGRAM

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

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

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

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A Guide to NTEP Turfgrass Ratings

Introduction

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

General Considerations

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

Turfgrass Quality

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

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

Other Ratings

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

2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST

LOCATIONS SUBMITTING DATA FOR 2018

State	Location	Code
Approach 1 Locations (Rainout shelters)		
Arkansas	Fayetteville	AR1
Georgia	Griffin	GA1
Indiana	West Lafayette	IN1
Maryland	College Park	MD1
Massachusetts	Amherst	MA1
Approach 2 Locations (Zone level irrigation)		
California	Riverside	CA1
Colorado	Ft. Collins	CO1
Minnesota	St. Paul	MN1
New Mexico	Las Cruces	NM1
Utah	Logan	UT1

COOL-SEASON WATER USE/DROUGHT TOLERANCE TRIAL PROTOCOLS

Approach 1- Individual Plot Level Irrigation:

- a. Year 1- Plots are fully established under full irrigation levels (plot size is 1 meter x 1 meter or 10.76 sq. ft.)
- b. Years 2, 3, 4 - Following uniform irrigation of all plots to initiate the study, full scale, automated irrigation is terminated, and individual plots are thereafter monitored on a regular basis (*could be daily, bi-weekly, or weekly to correspond to particular watering frequencies allotted by the region or budget provided the cooperator*) during the morning hours of the dry-down 'season'.
- c. When quality attributes of a specific plot or plots are noted to have fallen below a defined threshold (*i.e. 50% wilt*), it is hand-irrigated with an amount of water necessary to recharge the root zone to field capacity (between ½" to 1"). Irrigation events are recorded on a per plot basis, so that total irrigation applied over the season can be calculated on a plot basis and statistics applied.
- d. A dry-down 'season' lasts around 100 days, then plots would be fully irrigated to assess recovery. Turf quality ratings will be collected as well during dry down and recovery.
- e. A rainout shelter is employed for this approach. Data produced through the work documents 1) 'water quantity required (inches) per entry' for each location, 2) turfgrass quality before and during dry-down, during and after recovery, and a 3) ranking of the entries used.

Approach 2- Zone Level Irrigation: Larger study area size (~3 to 4 times more area and plant material) is used for accommodating multiple studies or 'zones' of irrigation (3 ET levels x 3 entry reps/ET level x 10.76 sq. ft/plot). This trial is not conducted under rainout shelters due to size constraints.

- a. Year 1- Similar to Approach 1, a full set of replicated entries is established, but within each of 3 target irrigation ET levels (zones). Plots (1 m x 1 m or similar size) will be fully established under full irrigation levels.
- b. Years 2-4- Irrigation treatments imposed. ET levels will correspond to 3 levels of historical reference evapotranspiration (ET_o) for the location, the maximum of which should be near full water requirement (0.8 x ET_o for cool-season) and lowest of which should be ~1/2 of this maximum level. ET_o levels for this trial are:
 - i. Cool-season: 0.8 x ET_o, 0.6 x ET_o, 0.4 x ET_o applied 1-3x weekly (depends on location)
- c. Frequency of irrigation to plots would also be a constant 1 or 2 day per week irrigation schedule (*a single frequency should be decided on for all locations*).
- d. Irrigation 'season' is approximately 120 days.
- e. Irrigation scheduling to account for rainfall (determined by location)
 - i. Approach 1- Let system run regardless of rainfall, do not adjust irrigation
 - ii. Approach 2- Do not adjust schedule for any events <0.25". Account for 50% effective rainfall for all other events in adjusting irrigation applied for each zone. (For instance, if a 1" rainfall is received; all plots are turned off for one event. If ½" is received, only the low irrigation level may be turned off, but others receive appropriate % adjustments to account for ¼" effective rainfall.
 - iii. Ultimately, accounting of total water received within each zone on a weekly basis is most important.
- f. Quality attributes (*wilt/firing/% green cover, etc.*) of all plots within each irrigation level will be noted regularly during the study, just prior to an irrigation day during the morning hours.
- g. At the conclusion of the study, irrigation + rainfall for each zone would be totaled by week (~10-14 weeks in duration). Quality (>6) or other parameter (>75% green cover) of interest in determining acceptability would also be noted on a per plot basis for each week. Finally, the particular amount of water needed to sustain acceptable quality each week would be determined on a plot by plot basis and totaled for the study. This amount might fluctuate by week or month.
- h. This approach is best suited for areas of the US that likely see visible drought stress arise in summer months where irrigation is not applied, i.e. (New Mexico, California, Colorado, etc.).
- i. Repeating the studies over three years will allow for upper and lower end seasonal requirements to be determined for each location.
- j. Data produced through the work will document 1) 'water quantity required (inches)' per entry for each location, 2) turfgrass quality ratings at regular intervals, and a 3) ranking of the entries used.

2016 National Cool-Season Water Use/Drought Tolerance Test

Entries and Sponsors

Entry No.	Name	Species	Sponsor
*1	Barserati (BAR PP 110358)	Kentucky Bluegrass	Barenbrug USA
*2	Barrari	Kentucky bluegrass	Barenbrug USA
*3	Everest	Kentucky bluegrass	Jacklin Seed by Simplot®
*4	Blue Note	Kentucky bluegrass	Mountain View Seeds
*5	Babe	Kentucky bluegrass	Seeds, Inc.
6	NAI-13-132	Kentucky bluegrass	Columbia River Seed
7	NAI-13-14	Kentucky bluegrass	Columbia River Seed
*8	Blue Devil	Kentucky bluegrass	Columbia River Seed
*9	Dauntless	Kentucky bluegrass	Columbia River Seed
10	PST-K13-137	Kentucky bluegrass	Pure-Seed Testing, Inc.
*11	Orion (PST-K13-143)	Kentucky bluegrass	Dye Seed Ranch, Inc.
12	PST-K15-169	Kentucky bluegrass	Pure-Seed Testing, Inc.
13	PST-K11-118	Kentucky bluegrass	Pure-Seed Testing, Inc.
14	PST-K13-141	Kentucky bluegrass	Pure-Seed Testing, Inc.
*15	Midnight	Kentucky bluegrass	Standard entry
*16	SR 4650	perennial ryegrass	Standard entry
*17	BarRobusto	tall fescue	Barenbrug USA
18	BAR FA 121095	tall fescue	Barenbrug USA
19	DLFPS 321/3677	tall fescue	DLF Pickseed USA
20	DLFPS 321/3679	tall fescue	DLF Pickseed USA
21	DLFPS 321/3678	tall fescue	DLF Pickseed USA
*22	Nonet	tall fescue	Jacklin Seed by Simplot®
23	GO-AOMK	tall fescue	Grassland Oregon
*24	Supersonic	tall fescue	Mountain View Seeds
*25	Titanium 2LS	tall fescue	Mountain View Seeds
*26	Thor	tall fescue	Columbia Seeds
*27	Thunderstruck	tall fescue	Columbia Seeds
28	RS4	tall fescue	Landmark Turf & Native Seed
*29	Kingdom	tall fescue	Site One Landscape Supply
30	MRS� TF15	tall fescue	Site One Turf & Landscape Supply
*31	Catalyst	tall fescue	Standard entry
*32	Stetson II	tall fescue	Site One Landscape Supply
33	PST-5SDS	tall fescue	Pure-Seed Testing, Inc.
34	PST-R511	tall fescue	Pure-Seed Testing, Inc.
*35	Matisse (LTP-SYN-A3)	tall fescue	Lebanon Seaboard Corp.

*COMMERCIALY AVAILABLE IN THE USA IN 2019 OR ANY OTHER COUNTRY

TABLE 1A.

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FAYETTEVILLE, AR 1/
2018 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		PRE DROUGHT QUALITY			PERCENT GREEN COVER DURING DRY DOWN				
		MAY 5	JUNE 4	MEAN	JUNE 4	JUNE 7	JUNE 11	JUNE 14	JUNE 19
DAUNTLESS	KB	6.3	6.0	6.2	83.3	84.3	80.3	82.3	81.0
BLUE NOTE	KB	6.3	6.7	6.5	80.0	84.3	84.3	79.3	80.3
EVEREST	KB	6.3	6.7	6.5	82.3	78.7	74.7	80.7	79.7
MIDNIGHT	KB	6.3	6.3	6.3	77.3	73.0	79.0	84.7	82.3
NAI-13-14	KB	6.3	7.0	6.7	79.0	81.7	83.0	78.7	83.3
PST-5SDS	TF	7.7	6.7	7.2	80.7	81.7	79.7	81.0	75.0
RS4	TF	6.3	6.7	6.5	75.7	78.3	80.0	82.0	79.3
PST-K11-118	KB	6.7	6.7	6.7	77.0	81.3	71.3	85.0	79.0
BABE	KB	5.7	5.7	5.7	85.7	79.7	80.3	83.7	78.3
DLFPS 321/3679	TF	6.3	6.7	6.5	84.7	78.0	79.7	77.3	68.3
PST-K13-143	KB	6.3	5.7	6.0	75.7	82.0	77.7	79.7	78.0
PST-K15-169	KB	6.7	7.0	6.8	80.0	76.7	81.0	73.0	69.7
PST-K13-137	KB	5.7	6.0	5.8	68.7	74.3	69.3	74.0	75.3
KINGDOM	TF	6.3	6.0	6.2	78.0	80.0	79.0	77.3	82.3
NAI-13-132	KB	7.0	8.0	7.5	75.7	78.0	77.0	79.7	74.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.7	5.0	5.3	70.7	75.0	75.0	74.7	80.0
TITANIUM 2LS	TF	7.0	6.3	6.7	67.3	63.0	71.3	75.3	72.7
BAR FA 121095	TF	6.0	6.7	6.3	80.7	80.0	78.0	75.3	82.3
DLFPS 321/3678	TF	6.7	7.3	7.0	72.7	79.7	78.0	78.7	78.7
GO-AOMK	TF	6.3	6.3	6.3	75.0	78.7	75.0	74.7	73.0
NONET	TF	6.7	7.0	6.8	72.0	78.0	78.0	75.3	82.0
PST-K13-141	KB	6.7	7.7	7.2	75.0	73.7	78.7	72.7	82.0
PST-R511	TF	6.3	7.0	6.7	76.7	76.7	75.0	74.3	73.7
BAR PP 110358	KB	7.7	7.0	7.3	67.0	79.7	71.7	79.3	75.3
BARRARI	KB	6.0	5.7	5.8	70.0	71.0	71.0	66.0	72.0
CATALYST	TF	7.0	6.7	6.8	79.7	81.0	79.0	76.0	77.7
MRS1 TF15	TF	7.0	7.0	7.0	79.7	73.3	71.7	72.7	72.7
SUPERSONIC	TF	6.0	6.3	6.2	81.7	72.0	74.0	68.7	71.0
BLUE DEVIL	KB	6.7	7.0	6.8	72.3	81.3	77.0	67.0	76.7
BARROBUSTO	TF	6.3	6.7	6.5	61.7	74.3	79.3	77.7	80.0
THUNDERSTRUCK	TF	6.3	7.0	6.7	77.0	75.7	65.7	78.3	71.7
DLFPS 321/3677	TF	6.3	7.0	6.7	67.7	66.3	70.3	62.3	64.0
LTP-SYN-A3	TF	6.3	6.7	6.5	76.0	77.3	77.7	67.7	79.7
THOR	TF	7.0	7.0	7.0	69.0	70.3	70.7	71.3	71.7
STETSON II	TF	6.7	6.7	6.7	80.0	72.0	78.0	79.0	75.0
LSD VALUE		1.0	1.3	0.8	26.6	29.5	39.0	29.7	31.1
C.V. (%)		7.9	10.1	6.9	11.7	11.1	12.2	11.9	11.2

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

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

TABLE 1A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FAYETTEVILLE, AR 1/
2018 DATA

		TOTAL WATER APPLIED IN MM 2/							TOTAL WATER APPLIED (MM)
NAME		JUNE 21	JUNE 25	PERCENT GREEN COVER DURING DRY DOWN				JULY 12	
				JUNE 28	JULY 2	JULY 5	JULY 9		
DAUNTLESS	KB	82.0	84.3	84.0	80.7	85.3	82.7	76.7	4.3
BLUE NOTE	KB	79.0	79.0	82.7	80.3	78.7	83.0	78.7	17.0
EVEREST	KB	78.0	78.7	80.0	78.7	79.7	83.0	79.3	17.0
MIDNIGHT	KB	82.7	81.0	80.0	76.3	78.0	78.0	76.0	17.0
NAI-13-14	KB	77.0	72.3	76.0	75.3	77.3	75.3	79.0	21.0
PST-5SDS	TF	81.3	83.7	82.0	68.0	79.7	71.3	75.0	21.0
RS4	TF	76.7	62.3	77.7	82.3	84.7	85.0	86.3	25.3
PST-K11-118	KB	78.0	74.7	74.0	75.3	82.3	78.3	77.3	29.7
BABE	KB	73.0	73.7	76.7	68.3	74.7	79.7	77.0	34.0
DLFPS 321/3679	TF	77.0	81.3	76.0	71.7	70.0	67.3	68.0	34.0
PST-K13-143	KB	78.7	79.7	79.3	80.0	71.7	76.3	72.7	34.0
PST-K15-169	KB	78.7	79.3	84.0	72.0	67.7	76.0	78.3	38.0
PST-K13-137	KB	69.7	75.0	81.0	72.7	79.0	78.3	81.3	38.3
KINGDOM	TF	80.3	77.0	78.0	74.3	81.7	79.0	78.3	42.3
NAI-13-132	KB	63.7	81.0	70.0	71.7	71.7	76.0	72.7	42.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		83.7	78.7	79.7	74.7	75.3	80.3	77.7	42.3
TITANIUM 2LS	TF	81.3	77.7	70.0	59.0	72.7	78.7	71.0	42.3
BAR FA 121095	TF	71.7	72.0	71.0	69.3	77.3	72.0	76.7	46.7
DLFPS 321/3678	TF	82.0	80.3	82.7	81.3	77.3	75.0	78.0	46.7
GO-AOMK	TF	73.0	81.3	76.3	75.0	78.7	72.7	71.0	46.7
NONET	TF	78.7	72.3	77.7	75.7	81.3	77.7	77.0	46.7
PST-K13-141	KB	74.3	74.7	68.7	67.7	74.0	72.0	70.0	46.7
PST-R511	TF	72.0	68.0	75.7	79.3	73.0	81.0	70.3	46.7
BAR PP 110358	KB	76.0	77.3	80.0	73.7	76.7	71.7	67.7	50.7
BARRARI	KB	72.0	69.3	71.0	81.3	80.7	70.3	73.3	50.7
CATALYST	TF	77.3	81.3	80.0	75.0	74.0	79.7	73.3	50.7
MRSI TF15	TF	71.0	78.3	75.3	77.0	72.3	76.7	80.0	50.7
SUPERSONIC	TF	64.7	72.3	70.3	68.3	78.3	77.7	74.3	50.7
BLUE DEVIL	KB	72.7	74.0	66.0	75.7	74.3	71.3	67.0	51.0
BARROBUSTO	TF	79.3	72.7	76.0	76.7	77.3	74.0	71.3	55.0
THUNDERSTRUCK	TF	75.7	73.7	69.0	80.3	76.3	74.0	75.3	55.0
DLFPS 321/3677	TF	65.3	68.7	74.3	82.0	70.0	72.3	69.0	59.3
LTP-SYN-A3	TF	80.0	77.0	77.3	77.7	78.3	80.0	72.0	59.3
THOR	TF	73.0	70.0	72.0	71.0	67.3	77.0	78.3	67.7
STETSON II	TF	55.3	68.7	67.0	68.0	64.0	69.7	69.0	72.0
LSD VALUE		29.6	30.0	39.4	36.1	35.4	33.4	33.7	92.2
C.V. (%)		13.0	11.6	13.1	13.1	12.3	11.2	11.7	64.6

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 1B.

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FAYETTEVILLE, AR 1/
2018 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		PRE DROUGHT QUALITY			PERCENT GREEN COVER DURING DRY DOWN				
		MAY 5	JUNE 4	MEAN	JUNE 4	JUNE 7	JUNE 11	JUNE 14	JUNE 19
DAUNTLESS	KB	6.3	6.0	6.2	83.3	84.3	80.3	82.3	81.0
BLUE NOTE	KB	6.3	6.7	6.5	80.0	84.3	84.3	79.3	80.3
EVEREST	KB	6.3	6.7	6.5	82.3	78.7	74.7	80.7	79.7
MIDNIGHT	KB	6.3	6.3	6.3	77.3	73.0	79.0	84.7	82.3
NAI-13-14	KB	6.3	7.0	6.7	79.0	81.7	83.0	78.7	83.3
PST-K11-118	KB	6.7	6.7	6.7	77.0	81.3	71.3	85.0	79.0
BABE	KB	5.7	5.7	5.7	85.7	79.7	80.3	83.7	78.3
PST-K13-143	KB	6.3	5.7	6.0	75.7	82.0	77.7	79.7	78.0
PST-K15-169	KB	6.7	7.0	6.8	80.0	76.7	81.0	73.0	69.7
PST-K13-137	KB	5.7	6.0	5.8	68.7	74.3	69.3	74.0	75.3
NAI-13-132	KB	7.0	8.0	7.5	75.7	78.0	77.0	79.7	74.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.7	5.0	5.3	70.7	75.0	75.0	74.7	80.0
PST-K13-141	KB	6.7	7.7	7.2	75.0	73.7	78.7	72.7	82.0
BAR PP 110358	KB	7.7	7.0	7.3	67.0	79.7	71.7	79.3	75.3
BARRARI	KB	6.0	5.7	5.8	70.0	71.0	71.0	66.0	72.0
BLUE DEVIL	KB	6.7	7.0	6.8	72.3	81.3	77.0	67.0	76.7
LSD VALUE		1.0	1.2	0.8	29.4	20.5	28.3	22.2	22.4
C.V. (%)		8.3	10.7	7.3	13.1	9.1	11.8	11.2	9.5

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

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

TABLE 1B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FAYETTEVILLE, AR 1/
2018 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		JUNE 21	JUNE 25	PERCENT GREEN COVER DURING DRY DOWN					TOTAL WATER APPLIED (MM)
				JUNE 28	JULY 2	JULY 5	JULY 9	JULY 12	
DAUNTLESS	KB	82.0	84.3	84.0	80.7	85.3	82.7	76.7	4.3
BLUE NOTE	KB	79.0	79.0	82.7	80.3	78.7	83.0	78.7	17.0
EVEREST	KB	78.0	78.7	80.0	78.7	79.7	83.0	79.3	17.0
MIDNIGHT	KB	82.7	81.0	80.0	76.3	78.0	78.0	76.0	17.0
NAI-13-14	KB	77.0	72.3	76.0	75.3	77.3	75.3	79.0	21.0
PST-K11-118	KB	78.0	74.7	74.0	75.3	82.3	78.3	77.3	29.7
BABE	KB	73.0	73.7	76.7	68.3	74.7	79.7	77.0	34.0
PST-K13-143	KB	78.7	79.7	79.3	80.0	71.7	76.3	72.7	34.0
PST-K15-169	KB	78.7	79.3	84.0	72.0	67.7	76.0	78.3	38.0
PST-K13-137	KB	69.7	75.0	81.0	72.7	79.0	78.3	81.3	38.3
NAI-13-132	KB	63.7	81.0	70.0	71.7	71.7	76.0	72.7	42.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		83.7	78.7	79.7	74.7	75.3	80.3	77.7	42.3
PST-K13-141	KB	74.3	74.7	68.7	67.7	74.0	72.0	70.0	46.7
BAR PP 110358	KB	76.0	77.3	80.0	73.7	76.7	71.7	67.7	50.7
BARRARI	KB	72.0	69.3	71.0	81.3	80.7	70.3	73.3	50.7
BLUE DEVIL	KB	72.7	74.0	66.0	75.7	74.3	71.3	67.0	51.0
LSD VALUE		32.9	17.4	34.2	27.6	30.3	22.4	16.7	67.7
C.V. (%)		13.9	8.2	14.4	11.7	12.4	9.9	8.6	72.8

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 1C.

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FAYETTEVILLE, AR 1/
2018 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		PRE DROUGHT QUALITY			PERCENT GREEN COVER DURING DRY DOWN				
		MAY 5	JUNE 4	MEAN	JUNE 4	JUNE 7	JUNE 11	JUNE 14	JUNE 19
PST-5SDS	TF	7.7	6.7	7.2	80.7	81.7	79.7	81.0	75.0
RS4	TF	6.3	6.7	6.5	75.7	78.3	80.0	82.0	79.3
DLFPS 321/3679	TF	6.3	6.7	6.5	84.7	78.0	79.7	77.3	68.3
KINGDOM	TF	6.3	6.0	6.2	78.0	80.0	79.0	77.3	82.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.7	5.0	5.3	70.7	75.0	75.0	74.7	80.0
TITANIUM 2LS	TF	7.0	6.3	6.7	67.3	63.0	71.3	75.3	72.7
BAR FA 121095	TF	6.0	6.7	6.3	80.7	80.0	78.0	75.3	82.3
DLFPS 321/3678	TF	6.7	7.3	7.0	72.7	79.7	78.0	78.7	78.7
GO-AOMK	TF	6.3	6.3	6.3	75.0	78.7	75.0	74.7	73.0
NONET	TF	6.7	7.0	6.8	72.0	78.0	78.0	75.3	82.0
PST-R511	TF	6.3	7.0	6.7	76.7	76.7	75.0	74.3	73.7
CATALYST	TF	7.0	6.7	6.8	79.7	81.0	79.0	76.0	77.7
MRSI TF15	TF	7.0	7.0	7.0	79.7	73.3	71.7	72.7	72.7
SUPERSONIC	TF	6.0	6.3	6.2	81.7	72.0	74.0	68.7	71.0
BARROBUSTO	TF	6.3	6.7	6.5	61.7	74.3	79.3	77.7	80.0
THUNDERSTRUCK	TF	6.3	7.0	6.7	77.0	75.7	65.7	78.3	71.7
DLFPS 321/3677	TF	6.3	7.0	6.7	67.7	66.3	70.3	62.3	64.0
LTP-SYN-A3	TF	6.3	6.7	6.5	76.0	77.3	77.7	67.7	79.7
THOR	TF	7.0	7.0	7.0	69.0	70.3	70.7	71.3	71.7
STETSON II	TF	6.7	6.7	6.7	80.0	72.0	78.0	79.0	75.0
LSD VALUE		1.0	1.6	0.9	18.6	21.6	25.1	21.3	24.4
C.V. (%)		7.5	10.2	7.0	10.4	10.3	10.3	10.1	11.2

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

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

TABLE 1C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FAYETTEVILLE, AR 1/
2018 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		JUNE 21	JUNE 25	PERCENT GREEN COVER DURING DRY DOWN				JULY 12	TOTAL WATER APPLIED (MM)
				JUNE 28	JULY 2	JULY 5	JULY 9		
PST-5SDS	TF	81.3	83.7	82.0	68.0	79.7	71.3	75.0	21.0
RS4	TF	76.7	62.3	77.7	82.3	84.7	85.0	86.3	25.3
DLFPS 321/3679	TF	77.0	81.3	76.0	71.7	70.0	67.3	68.0	34.0
KINGDOM	TF	80.3	77.0	78.0	74.3	81.7	79.0	78.3	42.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		83.7	78.7	79.7	74.7	75.3	80.3	77.7	42.3
TITANIUM 2LS	TF	81.3	77.7	70.0	59.0	72.7	78.7	71.0	42.3
BAR FA 121095	TF	71.7	72.0	71.0	69.3	77.3	72.0	76.7	46.7
DLFPS 321/3678	TF	82.0	80.3	82.7	81.3	77.3	75.0	78.0	46.7
GO-AOMK	TF	73.0	81.3	76.3	75.0	78.7	72.7	71.0	46.7
NONET	TF	78.7	72.3	77.7	75.7	81.3	77.7	77.0	46.7
PST-R511	TF	72.0	68.0	75.7	79.3	73.0	81.0	70.3	46.7
CATALYST	TF	77.3	81.3	80.0	75.0	74.0	79.7	73.3	50.7
MRSI TF15	TF	71.0	78.3	75.3	77.0	72.3	76.7	80.0	50.7
SUPERSONIC	TF	64.7	72.3	70.3	68.3	78.3	77.7	74.3	50.7
BARROBUSTO	TF	79.3	72.7	76.0	76.7	77.3	74.0	71.3	55.0
THUNDERSTRUCK	TF	75.7	73.7	69.0	80.3	76.3	74.0	75.3	55.0
DLFPS 321/3677	TF	65.3	68.7	74.3	82.0	70.0	72.3	69.0	59.3
LTP-SYN-A3	TF	80.0	77.0	77.3	77.7	78.3	80.0	72.0	59.3
THOR	TF	73.0	70.0	72.0	71.0	67.3	77.0	78.3	67.7
STETSON II	TF	55.3	68.7	67.0	68.0	64.0	69.7	69.0	72.0
LSD VALUE		18.1	25.1	28.3	31.4	24.2	25.1	30.2	61.4
C.V. (%)		11.3	12.1	11.5	14.0	11.2	10.6	12.3	43.6

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 2A.

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT GRIFFIN, GA 1/
2018 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		PRE DROUGHT QUALITY	QUALITY RATINGS DURING DRY DOWN					QUALITY RATINGS RECOVERY PERIOD		MEAN
		MAY 29	JUNE 8	JUNE 19	JULY 3	JULY 26	AUGUST 14	SEPT 25	OCT 16	
PST-K13-143	KB	7.0	7.0	6.3	5.3	4.0	2.7	1.7	1.7	4.5
SUPERSONIC	TF	6.3	6.3	6.0	6.0	5.3	3.7	2.7	2.7	4.9
BABE	KB	6.7	6.7	6.7	5.0	4.3	3.0	2.3	2.3	4.6
NONET	TF	6.3	6.0	6.0	6.0	6.0	4.3	3.7	3.3	5.2
MIDNIGHT	KB	6.3	6.0	6.0	5.3	4.7	2.7	1.7	1.7	4.3
BARROBUSTO	TF	6.3	6.3	6.0	6.0	4.7	2.7	2.7	2.7	4.7
PST-5SDS	TF	7.0	6.7	6.0	5.3	4.3	3.7	3.0	3.0	4.9
CATALYST	TF	7.0	6.3	6.0	5.7	4.7	4.0	3.3	3.3	5.0
TITANIUM 2LS	TF	6.7	6.7	6.7	6.0	5.3	4.0	3.0	3.0	5.2
PST-R511	TF	7.0	6.7	6.3	6.0	4.3	4.0	3.7	3.7	5.2
MRSI TF15	TF	6.3	6.3	6.0	6.0	5.0	3.3	2.3	2.7	4.8
PST-K11-118	KB	7.0	7.0	6.3	5.3	4.3	2.0	1.7	1.7	4.4
PST-K13-141	KB	6.3	6.0	6.0	5.0	4.0	2.3	1.7	1.7	4.1
BLUE DEVIL	KB	6.7	6.7	6.3	5.3	3.7	2.7	2.0	2.0	4.4
STETSON II	TF	7.0	6.3	6.3	5.7	4.3	3.7	3.0	3.0	4.9
BAR FA 121095	TF	6.3	6.3	6.0	6.0	5.0	3.3	3.0	3.0	4.9
GO-AOMK	TF	6.7	6.7	6.7	6.0	4.3	3.0	3.0	3.0	4.9
KINGDOM	TF	6.7	6.7	6.3	6.0	5.7	4.3	3.7	3.7	5.4
THUNDERSTRUCK	TF	6.0	6.0	6.0	6.0	5.0	3.3	2.0	2.3	4.6
BAR PP 110358	KB	6.3	6.3	6.0	5.3	3.7	3.0	2.3	2.3	4.4
DLFPS 321/3679	TF	6.3	6.3	6.0	5.7	4.7	3.7	2.3	2.7	4.7
DAUNTLESS	KB	7.0	6.7	6.3	5.0	3.3	3.0	2.0	2.0	4.4
BLUE NOTE	KB	6.0	6.0	6.0	5.0	4.0	3.3	2.0	2.0	4.3
PST-K15-169	KB	6.7	6.7	6.0	5.0	3.3	3.0	2.7	2.7	4.5
RS4	TF	7.0	7.0	6.7	6.0	5.3	4.3	3.3	3.7	5.4
BARRARI	KB	6.3	6.3	6.3	5.3	3.3	2.3	2.0	2.0	4.3
DLFPS 321/3677	TF	6.0	6.0	6.0	6.0	5.3	3.0	3.0	3.0	4.8
LTP-SYN-A3	TF	7.0	7.0	6.3	6.0	4.0	3.0	2.7	3.0	4.9
NAI-13-14	KB	6.7	6.7	6.3	5.7	4.0	2.7	1.7	2.0	4.5
EVEREST	KB	6.0	6.0	6.0	5.0	3.7	2.3	2.0	2.0	4.1
PST-K13-137	KB	7.0	6.7	6.0	5.3	3.7	2.7	2.0	2.0	4.4
THOR	TF	6.3	6.3	6.0	6.0	4.7	3.0	2.3	2.3	4.6
DLFPS 321/3678	TF	6.3	6.3	6.0	6.0	4.3	3.7	2.3	2.7	4.7
NAI-13-132	KB	6.7	6.3	6.3	5.3	4.0	3.0	2.0	2.0	4.5
SR 4650 (P.RYEGRASS STANDARD ENTRY)		.	.	.	.	.	.	.	.	.
LSD VALUE		0.8	1.0	1.2	2.4	3.0	1.6	1.6	1.7	0.7
C.V. (%)		6.1	6.6	6.1	12.4	23.8	24.0	30.4	30.0	8.0

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

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

TABLE 2A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT GRIFFIN, GA 1/
2018 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		PERCENT GREEN COVER	PERCENT GREEN COVER DURING DRY DOWN							
		MAY 29	JUNE 8	JUNE 19	JUNE 25	JULY 3	JULY 17	JULY 26	AUG 2	AUG 14
PST-K13-143	KB	93.0	86.7	80.0	76.7	73.3	70.0	40.0	20.0	23.3
SUPERSONIC	TF	93.0	86.7	83.3	83.3	83.3	70.0	56.7	36.7	23.3
BABE	KB	96.0	93.0	90.0	86.7	80.0	76.7	56.7	40.0	33.3
NONET	TF	90.0	90.0	86.7	83.3	76.7	70.0	56.7	40.0	30.0
MIDNIGHT	KB	93.0	90.0	90.0	86.7	80.0	76.7	56.7	43.3	33.3
BARROBUSTO	TF	90.0	90.0	90.0	86.7	83.3	76.7	53.3	43.3	30.0
PST-5SDS	TF	90.0	86.7	76.7	70.0	63.3	53.3	46.7	33.3	20.0
CATALYST	TF	96.0	86.7	86.7	86.7	86.7	73.3	60.0	43.3	30.0
TITANIUM 2LS	TF	96.0	90.0	86.7	80.0	80.0	73.3	56.7	36.7	26.7
PST-R511	TF	96.0	90.0	76.7	66.7	63.3	43.3	40.0	30.0	16.7
MRSL TF15	TF	96.0	86.7	80.0	80.0	76.7	70.0	46.7	43.3	23.3
PST-K11-118	KB	89.7	83.3	80.0	73.3	66.7	63.3	46.7	33.3	30.0
PST-K13-141	KB	89.7	89.7	83.3	76.7	73.3	70.0	46.7	33.3	30.0
BLUE DEVIL	KB	96.0	90.0	90.0	83.3	73.3	66.7	43.3	33.3	26.7
STETSON II	TF	86.7	83.3	83.3	80.0	76.7	66.7	50.0	40.0	30.0
BAR FA 121095	TF	83.3	80.0	76.7	76.7	73.3	66.7	56.7	43.3	33.3
GO-AOMK	TF	86.7	86.7	80.0	76.7	70.0	53.3	46.7	33.3	26.7
KINGDOM	TF	99.0	90.0	90.0	86.7	83.3	80.0	63.3	50.0	36.7
THUNDERSTRUCK	TF	86.7	86.7	80.0	73.3	70.0	63.3	46.7	30.0	16.7
BAR PP 110358	KB	99.0	93.0	90.0	83.3	70.0	60.0	46.7	30.0	23.3
DLFPS 321/3679	TF	93.0	86.7	76.7	70.0	63.3	56.7	50.0	36.7	23.3
DAUNTLESS	KB	93.0	86.7	80.0	70.0	60.0	50.0	33.3	26.7	20.0
BLUE NOTE	KB	93.0	80.0	80.0	76.7	76.7	66.7	46.7	33.3	26.7
PST-K15-169	KB	99.0	89.7	80.0	66.7	63.3	60.0	40.0	26.7	20.0
RS4	TF	96.0	90.0	86.7	73.3	66.7	56.7	43.3	33.3	26.7
BARRARI	KB	96.0	93.0	93.0	86.7	80.0	70.0	36.7	26.7	16.7
DLFPS 321/3677	TF	93.0	83.3	80.0	73.3	66.7	60.0	50.0	46.7	30.0
LTP-SYN-A3	TF	99.0	90.0	80.0	73.3	66.7	50.0	43.3	33.3	26.7
NAI-13-14	KB	96.0	93.0	89.7	83.0	70.0	66.7	50.0	26.7	16.7
EVEREST	KB	96.0	89.7	80.0	66.7	63.3	53.3	36.7	23.3	16.7
PST-K13-137	KB	86.7	83.3	83.3	76.7	73.3	63.3	50.0	30.0	26.7
THOR	TF	92.7	86.7	80.0	70.0	63.3	56.7	43.3	33.3	16.7
DLFPS 321/3678	TF	89.7	83.3	73.3	66.7	63.3	53.3	40.0	36.7	20.0
NAI-13-132	KB	93.0	89.7	89.7	83.3	73.3	66.7	40.0	20.0	10.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		.	.	.	.	.	.	.	.	.
LSD VALUE		13.7	21.5	21.4	33.0	37.2	46.8	63.4	60.4	51.7
C.V. (%)		6.0	7.1	9.3	14.0	16.5	23.2	32.2	42.7	52.4

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 2A. PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS
(CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT GRIFFIN, GA 1/
2018 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		PERCENT GREEN COVER DURING DRY DOWN			PERCENT GREEN COVER RECOVERY		TOTAL WATER APPLIED (MM)
		AUG 21	AUG 28	SEPT 4	SEPT 25	OCT 16	
PST-K13-143	KB	13.3	6.7	6.7	10.0	10.0	123.0
SUPERSONIC	TF	23.3	23.3	23.3	26.7	30.0	135.3
BABE	KB	26.7	16.7	13.3	16.7	23.3	139.7
NONET	TF	30.0	30.0	33.3	33.3	43.3	144.0
MIDNIGHT	KB	20.0	10.0	6.7	6.7	6.7	152.3
BARROBUSTO	TF	13.3	10.0	10.0	16.7	23.3	152.7
PST-5SDS	TF	20.0	16.7	16.7	20.0	23.3	152.7
CATALYST	TF	23.3	20.0	20.0	16.7	30.0	156.3
TITANIUM 2LS	TF	23.3	23.3	23.3	26.7	33.3	156.7
PST-R511	TF	13.3	20.0	20.0	20.0	30.0	161.0
MRSI TF15	TF	20.0	16.7	20.0	20.0	23.3	169.3
PST-K11-118	KB	20.0	10.0	3.3	3.3	10.0	169.3
PST-K13-141	KB	16.7	6.7	6.7	6.7	13.3	169.7
BLUE DEVIL	KB	16.7	10.0	6.7	6.7	10.0	173.7
STETSON II	TF	16.7	20.0	20.0	23.3	33.3	173.7
BAR FA 121095	TF	23.3	16.7	16.7	23.3	30.0	177.7
GO-AOMK	TF	26.7	26.7	23.3	26.7	30.0	178.0
KINGDOM	TF	33.3	30.0	30.0	33.3	50.0	178.0
THUNDERSTRUCK	TF	16.7	16.7	13.3	10.0	16.7	186.3
BAR PP 110358	KB	20.0	16.7	16.7	16.7	20.0	194.7
DLFPS 321/3679	TF	20.0	23.3	20.0	23.3	26.7	194.7
DAUNTLESS	KB	16.7	13.3	13.3	13.3	13.3	207.7
BLUE NOTE	KB	20.0	16.7	13.3	16.7	16.7	211.3
PST-K15-169	KB	20.0	20.0	20.0	20.0	23.3	211.3
RS4	TF	26.7	30.0	30.0	30.0	40.0	211.7
BARRARI	KB	10.0	6.7	6.7	13.3	16.7	216.0
DLFPS 321/3677	TF	23.3	20.0	20.0	23.3	30.0	216.0
LTP-SYN-A3	TF	23.3	16.7	16.7	20.0	26.7	216.0
NAI-13-14	KB	13.3	6.7	6.7	10.0	13.3	216.0
EVEREST	KB	16.7	13.3	13.3	13.3	13.3	220.0
PST-K13-137	KB	23.3	16.7	13.3	20.0	20.0	220.0
THOR	TF	13.3	13.3	13.3	16.7	20.0	224.7
DLFPS 321/3678	TF	13.3	13.3	13.3	23.3	23.3	237.3
NAI-13-132	KB	10.0	10.0	10.0	10.0	16.7	262.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		.	.	.	.	.	.
LSD VALUE		39.0	26.5	22.8	33.1	24.7	206.6
C.V. (%)		53.7	59.1	61.3	64.4	51.4	31.9

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

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

TABLE 2B.

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT GRIFFIN, GA 1/
2018 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		PRE DROUGHT QUALITY	QUALITY RATINGS DURING DRY DOWN					QUALITY RATINGS RECOVERY PERIOD		MEAN
		MAY 29	JUNE 8	JUNE 19	JULY 3	JULY 26	AUGUST 14	SEPT 25	OCT 16	
PST-K13-143	KB	7.0	7.0	6.3	5.3	4.0	2.7	1.7	1.7	4.5
BABE	KB	6.7	6.7	6.7	5.0	4.3	3.0	2.3	2.3	4.6
MIDNIGHT	KB	6.3	6.0	6.0	5.3	4.7	2.7	1.7	1.7	4.3
PST-K11-118	KB	7.0	7.0	6.3	5.3	4.3	2.0	1.7	1.7	4.4
PST-K13-141	KB	6.3	6.0	6.0	5.0	4.0	2.3	1.7	1.7	4.1
BLUE DEVIL	KB	6.7	6.7	6.3	5.3	3.7	2.7	2.0	2.0	4.4
BAR PP 110358	KB	6.3	6.3	6.0	5.3	3.7	3.0	2.3	2.3	4.4
DAUNTLESS	KB	7.0	6.7	6.3	5.0	3.3	3.0	2.0	2.0	4.4
BLUE NOTE	KB	6.0	6.0	6.0	5.0	4.0	3.3	2.0	2.0	4.3
PST-K15-169	KB	6.7	6.7	6.0	5.0	3.3	3.0	2.7	2.7	4.5
BARRARI	KB	6.3	6.3	6.3	5.3	3.3	2.3	2.0	2.0	4.3
NAI-13-14	KB	6.7	6.7	6.3	5.7	4.0	2.7	1.7	2.0	4.5
EVEREST	KB	6.0	6.0	6.0	5.0	3.7	2.3	2.0	2.0	4.1
PST-K13-137	KB	7.0	6.7	6.0	5.3	3.7	2.7	2.0	2.0	4.4
NAI-13-132	KB	6.7	6.3	6.3	5.3	4.0	3.0	2.0	2.0	4.5
SR 4650 (P.RYEGRASS STANDARD ENTRY)		.	.	.	.	.	.	.	.	.
LSD VALUE		0.9	1.0	1.3	1.1	2.6	1.7	2.0	2.0	1.1
C.V. (%)		6.5	6.9	7.0	7.3	21.6	22.6	32.7	32.0	7.9

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

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

TABLE 2B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT GRIFFIN, GA 1/
2018 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		PERCENT GREEN COVER	PERCENT GREEN COVER DURING DRY DOWN							
		MAY 29	JUNE 8	JUNE 19	JUNE 25	JULY 3	JULY 17	JULY 26	AUG 2	AUG 14
PST-K13-143	KB	93.0	86.7	80.0	76.7	73.3	70.0	40.0	20.0	23.3
BABE	KB	96.0	93.0	90.0	86.7	80.0	76.7	56.7	40.0	33.3
MIDNIGHT	KB	93.0	90.0	90.0	86.7	80.0	76.7	56.7	43.3	33.3
PST-K11-118	KB	89.7	83.3	80.0	73.3	66.7	63.3	46.7	33.3	30.0
PST-K13-141	KB	89.7	89.7	83.3	76.7	73.3	70.0	46.7	33.3	30.0
BLUE DEVIL	KB	96.0	90.0	90.0	83.3	73.3	66.7	43.3	33.3	26.7
BAR PP 110358	KB	99.0	93.0	90.0	83.3	70.0	60.0	46.7	30.0	23.3
DAUNTLESS	KB	93.0	86.7	80.0	70.0	60.0	50.0	33.3	26.7	20.0
BLUE NOTE	KB	93.0	80.0	80.0	76.7	76.7	66.7	46.7	33.3	26.7
PST-K15-169	KB	99.0	89.7	80.0	66.7	63.3	60.0	40.0	26.7	20.0
BARRARI	KB	96.0	93.0	93.0	86.7	80.0	70.0	36.7	26.7	16.7
NAI-13-14	KB	96.0	93.0	89.7	83.0	70.0	66.7	50.0	26.7	16.7
EVEREST	KB	96.0	89.7	80.0	66.7	63.3	53.3	36.7	23.3	16.7
PST-K13-137	KB	86.7	83.3	83.3	76.7	73.3	63.3	50.0	30.0	26.7
NAI-13-132	KB	93.0	89.7	89.7	83.3	73.3	66.7	40.0	20.0	10.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		.	.	.	.	.	.	.	.	.
LSD VALUE		14.1	21.1	24.3	34.4	37.4	49.3	49.2	40.1	26.8
C.V. (%)		5.7	8.2	10.2	15.6	17.3	24.2	34.3	42.5	44.3

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 2B. PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
(CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT GRIFFIN, GA 1/
2018 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		PERCENT GREEN COVER DURING DRY DOWN			PERCENT GREEN COVER RECOVERY		TOTAL WATER APPLIED (MM)
		AUG 21	AUG 28	SEPT 4	SEPT 25	OCT 16	
PST-K13-143	KB	13.3	6.7	6.7	10.0	10.0	123.0
BABE	KB	26.7	16.7	13.3	16.7	23.3	139.7
MIDNIGHT	KB	20.0	10.0	6.7	6.7	6.7	152.3
PST-K11-118	KB	20.0	10.0	3.3	3.3	10.0	169.3
PST-K13-141	KB	16.7	6.7	6.7	6.7	13.3	169.7
BLUE DEVIL	KB	16.7	10.0	6.7	6.7	10.0	173.7
BAR PP 110358	KB	20.0	16.7	16.7	16.7	20.0	194.7
DAUNTLESS	KB	16.7	13.3	13.3	13.3	13.3	207.7
BLUE NOTE	KB	20.0	16.7	13.3	16.7	16.7	211.3
PST-K15-169	KB	20.0	20.0	20.0	20.0	23.3	211.3
BARRARI	KB	10.0	6.7	6.7	13.3	16.7	216.0
NAI-13-14	KB	13.3	6.7	6.7	10.0	13.3	216.0
EVEREST	KB	16.7	13.3	13.3	13.3	13.3	220.0
PST-K13-137	KB	23.3	16.7	13.3	20.0	20.0	220.0
NAI-13-132	KB	10.0	10.0	10.0	10.0	16.7	262.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		.	.	.	.	.	.
LSD VALUE		24.3	23.7	20.7	29.4	36.2	208.2
C.V. (%)		48.1	68.5	73.5	81.0	75.1	36.6

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 2C.

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT GRIFFIN, GA 1/
2018 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		PRE DROUGHT QUALITY	QUALITY RATINGS DURING DRY DOWN					QUALITY RATINGS RECOVERY PERIOD		MEAN
		MAY 29	JUNE 8	JUNE 19	JULY 3	JULY 26	AUGUST 14	SEPT 25	OCT 16	
SUPERSONIC	TF	6.3	6.3	6.0	6.0	5.3	3.7	2.7	2.7	4.9
NONET	TF	6.3	6.0	6.0	6.0	6.0	4.3	3.7	3.3	5.2
BARROBUSTO	TF	6.3	6.3	6.0	6.0	4.7	2.7	2.7	2.7	4.7
PST-5SDS	TF	7.0	6.7	6.0	5.3	4.3	3.7	3.0	3.0	4.9
CATALYST	TF	7.0	6.3	6.0	5.7	4.7	4.0	3.3	3.3	5.0
TITANIUM 2LS	TF	6.7	6.7	6.7	6.0	5.3	4.0	3.0	3.0	5.2
PST-R511	TF	7.0	6.7	6.3	6.0	4.3	4.0	3.7	3.7	5.2
MRSI TF15	TF	6.3	6.3	6.0	6.0	5.0	3.3	2.3	2.7	4.8
STETSON II	TF	7.0	6.3	6.3	5.7	4.3	3.7	3.0	3.0	4.9
BAR FA 121095	TF	6.3	6.3	6.0	6.0	5.0	3.3	3.0	3.0	4.9
GO-AOMK	TF	6.7	6.7	6.7	6.0	4.3	3.0	3.0	3.0	4.9
KINGDOM	TF	6.7	6.7	6.3	6.0	5.7	4.3	3.7	3.7	5.4
THUNDERSTRUCK	TF	6.0	6.0	6.0	6.0	5.0	3.3	2.0	2.3	4.6
DLFPS 321/3679	TF	6.3	6.3	6.0	5.7	4.7	3.7	2.3	2.7	4.7
RS4	TF	7.0	7.0	6.7	6.0	5.3	4.3	3.3	3.7	5.4
DLFPS 321/3677	TF	6.0	6.0	6.0	6.0	5.3	3.0	3.0	3.0	4.8
LTP-SYN-A3	TF	7.0	7.0	6.3	6.0	4.0	3.0	2.7	3.0	4.9
THOR	TF	6.3	6.3	6.0	6.0	4.7	3.0	2.3	2.3	4.6
DLFPS 321/3678	TF	6.3	6.3	6.0	6.0	4.3	3.7	2.3	2.7	4.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)	.	.	.	.	.	.	.	.	.	.
LSD VALUE		0.8	0.9	0.8	0.6	2.5	1.6	2.2	2.5	0.8
C.V. (%)		6.0	6.1	5.5	4.4	18.2	18.7	27.5	26.7	6.6

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

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

TABLE 2C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT GRIFFIN, GA 1/
2018 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		PERCENT GREEN COVER	PERCENT GREEN COVER DURING DRY DOWN							
		MAY 29	JUNE 8	JUNE 19	JUNE 25	JULY 3	JULY 17	JULY 26	AUG 2	AUG 14
SUPERSONIC	TF	93.0	86.7	83.3	83.3	83.3	70.0	56.7	36.7	23.3
NONET	TF	90.0	90.0	86.7	83.3	76.7	70.0	56.7	40.0	30.0
BARROBUSTO	TF	90.0	90.0	90.0	86.7	83.3	76.7	53.3	43.3	30.0
PST-5SDS	TF	90.0	86.7	76.7	70.0	63.3	53.3	46.7	33.3	20.0
CATALYST	TF	96.0	86.7	86.7	86.7	86.7	73.3	60.0	43.3	30.0
TITANIUM 2LS	TF	96.0	90.0	86.7	80.0	80.0	73.3	56.7	36.7	26.7
PST-R511	TF	96.0	90.0	76.7	66.7	63.3	43.3	40.0	30.0	16.7
MRSI TF15	TF	96.0	86.7	80.0	80.0	76.7	70.0	46.7	43.3	23.3
STETSON II	TF	86.7	83.3	83.3	80.0	76.7	66.7	50.0	40.0	30.0
BAR FA 121095	TF	83.3	80.0	76.7	76.7	73.3	66.7	56.7	43.3	33.3
GO-AOMK	TF	86.7	86.7	80.0	76.7	70.0	53.3	46.7	33.3	26.7
KINGDOM	TF	99.0	90.0	90.0	86.7	83.3	80.0	63.3	50.0	36.7
THUNDERSTRUCK	TF	86.7	86.7	80.0	73.3	70.0	63.3	46.7	30.0	16.7
DLFPS 321/3679	TF	93.0	86.7	76.7	70.0	63.3	56.7	50.0	36.7	23.3
RS4	TF	96.0	90.0	86.7	73.3	66.7	56.7	43.3	33.3	26.7
DLFPS 321/3677	TF	93.0	83.3	80.0	73.3	66.7	60.0	50.0	46.7	30.0
LTP-SYN-A3	TF	99.0	90.0	80.0	73.3	66.7	50.0	43.3	33.3	26.7
THOR	TF	92.7	86.7	80.0	70.0	63.3	56.7	43.3	33.3	16.7
DLFPS 321/3678	TF	89.7	83.3	73.3	66.7	63.3	53.3	40.0	36.7	20.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		.	.	.	.	.	.	.	.	.
LSD VALUE		9.8	15.3	17.3	24.4	24.5	30.6	40.6	44.6	41.0
C.V. (%)		5.3	5.9	8.5	12.6	14.7	21.1	25.9	33.9	47.9

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. PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT GRIFFIN, GA 1/
2018 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		PERCENT GREEN COVER DURING DRY DOWN			PERCENT GREEN COVER RECOVERY		TOTAL WATER APPLIED (MM)
		AUG 21	AUG 28	SEPT 4	SEPT 25	OCT 16	
SUPERSONIC	TF	23.3	23.3	23.3	26.7	30.0	135.3
NONET	TF	30.0	30.0	33.3	33.3	43.3	144.0
BARROBUSTO	TF	13.3	10.0	10.0	16.7	23.3	152.7
PST-5SDS	TF	20.0	16.7	16.7	20.0	23.3	152.7
CATALYST	TF	23.3	20.0	20.0	16.7	30.0	156.3
TITANIUM 2LS	TF	23.3	23.3	23.3	26.7	33.3	156.7
PST-R511	TF	13.3	20.0	20.0	20.0	30.0	161.0
MRSI TF15	TF	20.0	16.7	20.0	20.0	23.3	169.3
STETSON II	TF	16.7	20.0	20.0	23.3	33.3	173.7
BAR FA 121095	TF	23.3	16.7	16.7	23.3	30.0	177.7
GO-AOMK	TF	26.7	26.7	23.3	26.7	30.0	178.0
KINGDOM	TF	33.3	30.0	30.0	33.3	50.0	178.0
THUNDERSTRUCK	TF	16.7	16.7	13.3	10.0	16.7	186.3
DLFPS 321/3679	TF	20.0	23.3	20.0	23.3	26.7	194.7
RS4	TF	26.7	30.0	30.0	30.0	40.0	211.7
DLFPS 321/3677	TF	23.3	20.0	20.0	23.3	30.0	216.0
LTP-SYN-A3	TF	23.3	16.7	16.7	20.0	26.7	216.0
THOR	TF	13.3	13.3	13.3	16.7	20.0	224.7
DLFPS 321/3678	TF	13.3	13.3	13.3	23.3	23.3	237.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		.	.	.	.	.	.
LSD VALUE		34.2	35.1	34.8	44.4	34.3	110.2
C.V. (%)		51.6	54.9	56.1	57.1	42.7	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.

TABLE 3A.

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT WEST LAFAYETTE, IN 1/
2018 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		SPRING	LEAF	PRE DROUGHT	QUALITY RATINGS DURING DRY DOWN					QUALITY	RATINGS	MEAN
		GREENUP APRIL 13	TEXTURE	QUALITY MAY 30	JUNE 22	JULY 17	AUG 6	AUG 21	SEPT 5	DURING SEPT 28	RECOVERY OCT 31	
DLFPS 321/3678	TF	5.7	6.3	6.7	6.0	6.3	6.0	6.3	6.3	7.3	6.7	6.5
DLFPS 321/3677	TF	5.7	6.0	6.7	6.3	5.7	6.0	5.0	5.3	6.7	6.7	6.1
RS4	TF	5.7	6.3	6.0	6.3	5.7	5.3	6.3	6.0	7.3	7.0	6.3
BAR FA 121095	TF	4.7	5.7	6.0	5.7	5.7	6.3	6.3	6.3	7.0	6.3	6.3
THOR	TF	5.3	6.0	6.3	6.0	6.0	5.7	5.7	5.7	7.0	6.3	6.1
GO-AOMK	TF	5.3	5.7	6.0	7.0	6.3	6.7	6.7	6.0	7.0	7.0	6.6
DLFPS 321/3679	TF	5.7	5.3	6.7	6.0	6.0	6.0	6.3	6.0	7.0	6.7	6.4
SUPERSONIC	TF	5.7	6.0	6.7	7.0	6.0	5.7	6.3	5.7	8.0	6.7	6.6
BARRARI	KB	4.7	7.0	5.0	4.7	5.0	3.7	4.3	3.3	5.0	4.7	4.6
NAI-13-132	KB	4.3	6.7	5.3	5.7	5.7	4.7	4.3	4.3	5.7	6.0	5.3
NONET	TF	5.0	5.0	6.7	6.3	6.0	5.7	6.0	5.7	7.0	6.3	6.3
THUNDERSTRUCK	TF	5.3	5.3	6.3	7.0	6.3	7.0	6.0	5.7	7.0	7.0	6.6
TITANIUM 2LS	TF	6.0	5.3	6.7	5.3	5.7	5.7	6.0	5.7	6.7	7.0	6.2
NAI-13-14	KB	4.0	7.0	5.0	6.0	5.7	5.0	4.7	4.3	5.3	5.7	5.3
BLUE NOTE	KB	5.3	7.3	5.0	6.0	5.3	5.3	5.3	5.0	5.7	5.7	5.5
BABE	KB	5.3	7.3	5.7	5.7	5.3	5.3	5.0	5.0	6.0	6.0	5.6
BAR PP 110358	KB	6.0	7.0	5.7	5.3	5.0	4.7	5.0	5.0	5.3	5.7	5.3
KINGDOM	TF	5.0	6.0	6.7	6.3	6.3	6.3	6.3	6.0	6.7	7.0	6.5
EVEREST	KB	4.3	7.3	4.7	5.7	6.3	5.7	5.7	5.0	6.7	6.0	5.7
MRSI TF15	TF	4.7	5.3	5.7	6.7	5.7	6.3	6.0	6.3	7.0	7.0	6.3
PST-K11-118	KB	4.7	7.0	5.3	5.0	4.3	3.7	3.7	2.7	4.7	4.3	4.4
PST-K13-137	KB	4.3	7.0	5.0	5.7	6.0	5.0	5.7	5.3	6.0	6.0	5.6
PST-K15-169	KB	3.3	6.7	5.0	5.7	5.0	4.0	4.3	3.7	4.7	5.3	4.8
DAUNTLESS	KB	5.0	7.3	6.0	5.7	5.7	4.7	5.3	4.0	5.3	5.7	5.4
BARROBUSTO	TF	6.0	5.7	7.0	6.3	6.0	6.0	6.0	6.3	7.7	6.7	6.6
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.7	7.3	5.7	6.0	5.7	6.0	7.0	5.3	6.3	6.3	6.1
CATALYST	TF	5.3	5.7	6.0	5.3	5.7	6.0	5.7	6.0	6.7	6.3	6.0
MIDNIGHT	KB	3.7	7.0	5.0	5.7	6.0	5.7	5.3	4.7	6.0	6.3	5.6
PST-K13-141	KB	4.3	7.0	5.3	5.0	4.7	3.7	4.0	3.0	4.7	5.0	4.6
PST-5SDS	TF	5.7	5.7	6.7	6.3	6.0	5.0	5.3	6.3	7.0	6.3	6.2
STETSON II	TF	5.7	5.7	6.7	6.3	5.7	6.0	6.3	6.7	7.0	6.7	6.4
BLUE DEVIL	KB	5.0	6.7	5.3	5.7	6.0	4.7	4.7	4.3	6.0	5.7	5.4
PST-R511	TF	5.7	6.3	6.0	5.3	5.7	5.0	5.7	5.3	7.0	6.7	5.9
PST-K13-143	KB	4.7	7.3	5.7	6.3	5.7	6.3	5.7	5.0	5.7	5.7	5.8
LTP-SYN-A3	TF	5.0	5.7	5.7	6.3	6.0	6.0	6.0	5.3	6.7	7.0	6.1
LSD VALUE		1.6	0.7	0.9	1.2	1.2	1.3	0.8	1.2	1.0	1.1	0.5
C.V. (%)		15.6	7.4	8.9	10.6	9.8	14.1	9.7	14.5	9.6	10.1	5.3

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

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

TABLE 3A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT WEST LAFAYETTE, IN 1/
2018 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		PRE DROUGHT COVER		PERCENT GREEN COVER DURING DRY DOWN								
		JUNE 1	JUNE 5	JUNE 8	JUNE 12	JUNE 15	JUNE 19	JUNE 25	JUNE 29	JULY 2	JULY 5	JULY 9
DLFPS 321/3678	TF	86.7	85.0	85.3	82.3	71.7	63.7	64.0	65.0	69.7	60.7	62.3
DLFPS 321/3677	TF	84.7	84.3	83.3	81.3	76.0	71.0	61.7	69.0	67.3	66.7	57.7
RS4	TF	85.0	86.7	85.0	83.3	79.3	75.7	72.3	72.3	68.7	65.3	61.3
BAR FA 121095	TF	85.7	85.3	85.0	76.3	66.7	66.7	64.3	63.7	70.0	59.7	63.7
THOR	TF	85.3	84.0	84.3	78.3	67.3	61.7	63.3	64.3	67.0	55.7	64.0
GO-AOMK	TF	80.0	77.3	75.0	71.3	68.0	51.0	57.7	58.3	66.7	61.0	60.0
DLFPS 321/3679	TF	83.7	84.0	82.3	72.3	74.7	62.3	63.3	69.0	69.0	59.0	60.7
SUPERSONIC	TF	81.7	81.3	82.3	81.3	75.3	66.7	72.7	69.7	72.7	64.7	68.3
BARRARI	KB	79.7	82.3	84.0	85.3	81.3	68.0	63.0	65.3	62.7	61.0	56.3
NAI-13-132	KB	84.3	86.7	86.7	84.3	67.0	54.0	54.0	54.7	57.7	53.0	55.3
NONET	TF	78.0	78.3	77.3	75.3	67.0	58.0	67.7	63.0	67.7	59.0	57.0
THUNDERSTRUCK	TF	82.3	81.7	82.3	75.7	68.0	65.3	67.3	65.3	66.7	56.0	62.0
TITANIUM 2LS	TF	89.3	89.0	88.3	84.3	77.3	57.0	60.3	63.0	62.3	64.0	63.3
NAI-13-14	KB	74.7	69.0	71.0	60.3	55.3	55.0	52.0	54.0	55.0	52.0	53.3
BLUE NOTE	KB	93.0	93.0	92.3	91.0	86.7	65.7	59.3	63.7	59.0	61.3	63.0
BABE	KB	88.0	80.7	80.3	76.0	68.3	64.3	61.0	64.0	64.3	62.0	60.3
BAR PP 110358	KB	91.0	91.3	90.3	88.7	80.0	67.7	61.3	65.0	56.7	57.7	55.3
KINGDOM	TF	84.3	83.0	81.3	73.7	70.3	53.7	59.3	65.0	67.7	57.7	63.0
EVEREST	KB	82.7	83.7	84.7	74.3	65.0	55.0	55.0	57.3	60.0	57.3	60.3
MRS L TF15	TF	72.3	74.3	71.7	66.0	58.3	57.3	64.0	62.3	67.3	61.3	63.3
PST-K11-118	KB	92.7	91.7	90.0	86.3	73.0	57.7	60.7	54.0	52.0	50.3	50.0
PST-K13-137	KB	81.3	84.0	77.3	78.0	64.0	56.7	62.3	63.7	64.0	61.3	62.3
PST-K15-169	KB	78.0	76.7	75.3	72.7	62.7	52.3	53.3	51.0	50.3	50.7	47.3
DAUNTLESS	KB	89.0	87.7	87.0	82.7	67.3	53.0	56.7	57.3	59.3	60.3	62.0
BARROBUSTO	TF	86.7	87.0	85.3	79.7	70.7	59.7	64.7	63.0	66.7	62.7	59.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		80.7	75.0	71.7	63.3	59.3	51.0	52.3	52.3	53.7	49.0	48.3
CATALYST	TF	84.3	86.3	83.7	77.7	66.3	53.0	56.3	61.0	68.7	62.3	55.0
MIDNIGHT	KB	85.0	86.3	85.7	79.7	68.0	51.3	53.7	56.3	59.7	57.3	62.0
PST-K13-141	KB	90.7	89.3	89.0	87.0	68.7	50.3	54.7	54.3	55.7	55.0	56.3
PST-5SDS	TF	88.7	88.7	88.3	85.3	72.7	57.3	66.3	60.3	61.3	64.7	53.3
STETSON II	TF	79.7	79.3	76.7	72.3	65.7	53.7	62.7	63.0	67.3	60.0	59.7
BLUE DEVIL	KB	90.0	88.3	88.3	84.3	67.3	51.7	54.0	54.7	56.0	57.3	56.3
PST-R511	TF	88.0	88.3	87.3	83.7	76.7	59.7	57.7	61.3	63.0	65.3	62.7
PST-K13-143	KB	88.0	86.7	86.7	84.3	70.0	56.0	61.3	59.7	65.3	57.7	56.0
LTP-SYN-A3	TF	82.3	82.7	83.0	78.7	69.3	64.0	65.7	60.3	69.3	57.0	65.0
LSD VALUE		14.5	14.4	12.5	14.0	19.5	20.3	12.3	10.5	10.1	16.5	15.5
C.V. (%)		7.5	7.9	7.6	9.5	12.3	14.7	10.1	9.1	9.0	10.8	11.0

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 3A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT WEST LAFAYETTE, IN 1/
2018 DATA

TOTAL WATER APPLIED IN MM 2/

		PERCENT GREEN COVER DURING DRY DOWN									
NAME		JULY 12	JULY 16	JULY 20	JULY 23	JULY 26	JULY 30	AUG 3	AUG 6	AUG 9	AUG 13
DLFPS 321/3678	TF	61.3	65.7	56.3	63.3	62.7	60.0	65.7	66.0	55.7	57.0
DLFPS 321/3677	TF	64.3	53.7	56.0	62.0	58.7	63.0	64.3	66.7	65.0	65.7
RS4	TF	61.3	58.7	58.7	64.0	62.7	63.7	68.3	61.0	56.0	59.7
BAR FA 121095	TF	61.0	66.0	55.7	61.0	54.0	59.7	63.7	65.7	62.3	62.0
THOR	TF	61.3	66.0	60.7	64.7	61.7	62.7	67.3	65.7	61.3	63.0
GO-AOMK	TF	60.3	64.3	57.0	60.3	58.0	59.3	62.0	64.0	57.3	60.3
DLFPS 321/3679	TF	63.0	60.3	56.3	62.0	61.7	63.3	67.7	61.7	60.7	62.0
SUPERSONIC	TF	64.7	67.0	59.7	64.0	63.0	64.7	67.0	60.3	59.3	62.0
BARRARI	KB	57.3	55.3	49.0	47.3	42.3	39.7	40.0	40.0	34.7	33.0
NAI-13-132	KB	53.0	53.0	48.3	48.7	45.3	43.3	44.7	43.3	41.0	40.0
NONET	TF	61.3	62.7	61.3	63.7	58.3	64.3	66.7	59.3	60.0	62.0
THUNDERSTRUCK	TF	62.7	65.3	56.0	62.7	62.0	59.0	66.0	66.3	59.3	61.0
TITANIUM 2LS	TF	66.7	65.0	59.7	59.3	57.3	56.7	61.7	61.3	60.0	59.3
NAI-13-14	KB	51.0	53.7	49.0	48.7	45.3	44.7	43.0	43.3	39.7	36.0
BLUE NOTE	KB	62.3	58.3	53.3	58.3	62.7	57.3	58.3	52.0	53.0	53.3
BABE	KB	57.0	56.7	49.3	55.0	52.3	53.3	53.7	54.3	51.0	51.0
BAR PP 110358	KB	58.0	56.0	56.7	60.3	55.3	53.3	63.7	58.0	57.3	59.0
KINGDOM	TF	55.7	58.3	54.7	60.3	57.3	63.7	65.7	64.7	62.3	63.3
EVEREST	KB	57.3	60.3	59.7	55.0	52.3	53.3	53.7	50.0	47.3	49.3
MRL TF15	TF	56.0	59.7	51.7	57.0	56.0	60.7	65.3	66.0	63.3	58.3
PST-K11-118	KB	45.7	43.7	39.0	39.7	34.0	36.3	33.7	31.0	29.3	25.3
PST-K13-137	KB	62.0	61.7	54.0	59.7	58.0	54.3	54.3	54.7	52.7	53.0
PST-K15-169	KB	46.3	44.3	39.0	41.7	38.3	39.0	39.0	38.7	37.0	35.7
DAUNTLESS	KB	59.7	61.0	57.3	57.3	57.0	53.3	52.7	51.0	45.3	44.0
BARROBUSTO	TF	64.3	64.3	56.0	63.0	65.7	64.0	66.3	58.3	59.0	63.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		47.3	48.7	48.3	53.7	51.7	58.0	65.3	61.3	55.3	56.0
CATALYST	TF	61.3	65.7	54.3	59.7	58.7	62.7	66.7	64.3	57.7	63.0
MIDNIGHT	KB	59.3	62.7	59.0	60.7	53.7	59.3	55.0	55.0	51.7	49.0
PST-K13-141	KB	55.0	54.7	47.0	47.0	46.3	39.3	40.7	37.7	32.3	32.0
PST-5SDS	TF	59.7	62.0	62.0	66.7	60.7	66.7	68.7	60.7	56.0	53.3
STETSON II	TF	59.3	64.0	51.3	57.0	54.0	57.7	62.7	64.7	59.7	62.0
BLUE DEVIL	KB	54.7	55.3	52.7	54.0	49.0	50.3	48.3	46.3	43.3	43.3
PST-R511	TF	63.0	64.0	56.7	66.0	57.0	65.3	64.3	62.7	56.7	60.0
PST-K13-143	KB	56.0	58.0	57.3	58.7	55.7	58.7	62.0	63.0	55.7	55.0
LTP-SYN-A3	TF	55.0	56.0	54.0	63.3	56.7	65.0	66.0	67.7	59.7	59.7
LSD VALUE		10.2	10.0	15.5	9.7	9.9	9.0	8.6	9.4	8.3	8.4
C.V. (%)		9.3	9.6	12.9	10.0	10.9	10.1	9.6	10.8	10.3	10.4

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

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

TABLE 3A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT WEST LAFAYETTE, IN 1/
2018 DATA

		TOTAL WATER APPLIED IN MM 2/								PERCENT GREEN COVER RECOVERY		TOTAL WATER APPLIED (MM)
		PERCENT GREEN COVER DURING DRY DOWN								SEPT 20		
NAME		AUG 16	AUG 20	AUG 23	AUG 27	AUG 30	SEPT 3	SEPT 6	SEPT 10	SEPT 20		
DLFPS 321/3678	TF	62.3	66.7	62.3	64.7	64.0	61.3	66.7	69.3	79.0		161.0
DLFPS 321/3677	TF	65.0	64.0	62.0	65.0	65.3	59.0	63.7	65.0	76.7		173.7
RS4	TF	63.3	65.0	66.0	64.3	66.3	59.7	67.0	68.0	85.0		175.7
BAR FA 121095	TF	63.3	69.3	67.0	63.7	66.3	57.3	64.7	66.7	81.3		178.0
THOR	TF	64.0	66.7	62.3	61.3	63.7	63.7	64.7	64.0	83.3		190.3
GO-AOMK	TF	60.0	68.0	68.0	64.0	69.0	55.3	60.3	65.0	83.7		199.0
DLFPS 321/3679	TF	64.3	68.0	64.3	65.0	66.0	55.3	62.3	66.7	78.0		203.3
SUPERSONIC	TF	67.0	69.0	71.7	66.0	60.7	61.7	66.7	67.0	86.3		207.3
BARRARI	KB	33.3	35.7	39.3	38.7	41.3	37.0	43.7	51.7	60.3		216.0
NAI-13-132	KB	39.0	44.0	40.3	45.0	48.0	46.3	51.3	55.7	78.7		216.3
NONET	TF	65.0	65.0	62.0	65.7	66.0	50.7	59.7	61.3	75.7		216.3
THUNDERSTRUCK	TF	62.3	63.3	58.3	62.7	64.0	59.3	62.7	65.7	81.0		216.3
TITANIUM 2LS	TF	61.7	69.7	66.3	65.3	67.3	55.0	64.7	67.3	82.7		220.3
NAI-13-14	KB	40.0	38.0	38.7	40.3	40.7	38.7	41.3	46.0	64.7		228.7
BLUE NOTE	KB	56.3	58.0	57.7	59.0	58.0	55.0	59.0	61.7	73.3		233.0
BABE	KB	51.7	52.7	52.7	52.7	53.7	50.0	54.7	58.0	71.0		237.0
BAR PP 110358	KB	59.3	55.0	59.7	59.3	60.3	59.0	62.7	66.0	81.3		237.0
KINGDOM	TF	65.7	64.3	61.3	64.7	62.7	57.3	63.3	63.3	71.0		237.0
EVEREST	KB	51.0	51.3	50.3	52.0	50.7	49.0	54.3	58.3	79.0		241.3
MRSI TF15	TF	63.7	64.3	59.7	60.7	64.0	61.3	66.0	68.3	82.3		245.7
PST-K11-118	KB	27.3	26.3	27.7	28.3	28.0	26.7	33.3	39.0	64.0		270.7
PST-K13-137	KB	54.0	55.0	56.7	57.3	58.0	55.0	57.0	61.0	71.7		275.0
PST-K15-169	KB	35.7	36.0	37.7	37.7	39.0	34.0	39.0	44.0	57.0		279.7
DAUNTLESS	KB	46.3	46.3	48.3	47.7	50.0	44.7	48.3	54.0	66.7		287.7
BARROBUSTO	TF	66.7	65.7	62.7	62.7	64.0	61.0	67.0	66.7	86.7		288.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		59.0	69.7	74.0	61.7	70.0	50.0	52.0	54.0	68.0		288.0
CATALYST	TF	66.0	68.7	64.7	60.7	59.7	58.0	64.7	63.0	73.0		292.3
MIDNIGHT	KB	51.3	50.0	48.3	50.7	49.7	48.0	51.0	52.7	76.7		300.7
PST-K13-141	KB	33.0	30.7	34.0	34.0	32.0	28.3	36.3	39.3	55.7		300.7
PST-5SDS	TF	58.7	62.7	60.0	63.7	65.3	62.0	68.7	70.7	83.3		305.0
STETSON II	TF	64.3	64.0	62.0	62.7	67.0	61.3	65.3	65.0	78.0		309.3
BLUE DEVIL	KB	45.0	44.0	44.3	45.3	46.0	42.7	48.3	51.7	66.3		313.3
PST-R511	TF	65.0	67.7	66.0	66.0	55.0	54.7	63.3	66.0	85.3		313.3
PST-K13-143	KB	56.7	59.7	58.0	59.3	61.3	56.3	61.0	62.7	61.7		313.7
LTP-SYN-A3	TF	64.3	65.7	59.7	66.0	62.0	64.0	65.3	62.0	78.3		317.7
LSD VALUE		8.5	8.6	9.0	8.3	8.1	9.4	8.0	8.1	19.2		46.5
C.V. (%)		10.1	10.0	10.5	9.7	9.4	11.6	9.2	8.7	13.1		12.1

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

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

TABLE 3B.

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT WEST LAFAYETTE, IN 1/
2018 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		SPRING		PRE DROUGHT		QUALITY RATINGS DURING DRY DOWN				QUALITY RATINGS DURING RECOVERY			MEAN
		GREENUP	LEAF	QUALITY									
		4/13	TEXTURE	MAY 30	JUNE 22	JULY 17	AUG 6	AUG 21	SEPT 5	SEPT 28	OCT 31		
BARRARI	KB	4.7	7.0	5.0	4.7	5.0	3.7	4.3	3.3	5.0	4.7		4.6
NAI-13-132	KB	4.3	6.7	5.3	5.7	5.7	4.7	4.3	4.3	5.7	6.0		5.3
NAI-13-14	KB	4.0	7.0	5.0	6.0	5.7	5.0	4.7	4.3	5.3	5.7		5.3
BLUE NOTE	KB	5.3	7.3	5.0	6.0	5.3	5.3	5.3	5.0	5.7	5.7		5.5
BABE	KB	5.3	7.3	5.7	5.7	5.3	5.3	5.0	5.0	6.0	6.0		5.6
BAR PP 110358	KB	6.0	7.0	5.7	5.3	5.0	4.7	5.0	5.0	5.3	5.7		5.3
EVEREST	KB	4.3	7.3	4.7	5.7	6.3	5.7	5.7	5.0	6.7	6.0		5.7
PST-K11-118	KB	4.7	7.0	5.3	5.0	4.3	3.7	3.7	2.7	4.7	4.3		4.4
PST-K13-137	KB	4.3	7.0	5.0	5.7	6.0	5.0	5.7	5.3	6.0	6.0		5.6
PST-K15-169	KB	3.3	6.7	5.0	5.7	5.0	4.0	4.3	3.7	4.7	5.3		4.8
DAUNTLESS	KB	5.0	7.3	6.0	5.7	5.7	4.7	5.3	4.0	5.3	5.7		5.4
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.7	7.3	5.7	6.0	5.7	6.0	7.0	5.3	6.3	6.3		6.1
MIDNIGHT	KB	3.7	7.0	5.0	5.7	6.0	5.7	5.3	4.7	6.0	6.3		5.6
PST-K13-141	KB	4.3	7.0	5.3	5.0	4.7	3.7	4.0	3.0	4.7	5.0		4.6
BLUE DEVIL	KB	5.0	6.7	5.3	5.7	6.0	4.7	4.7	4.3	6.0	5.7		5.4
PST-K13-143	KB	4.7	7.3	5.7	6.3	5.7	6.3	5.7	5.0	5.7	5.7		5.8
LSD VALUE		2.1	1.2	1.5	1.2	1.1	0.9	0.8	1.4	1.6	1.5		0.6
C.V. (%)		19.9	6.1	10.8	9.6	10.6	11.0	9.7	17.8	13.3	12.0		6.9

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

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

TABLE 3B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT WEST LAFAYETTE, IN 1/
2018 DATA

		TOTAL WATER APPLIED IN MM 2/										
		PRE DROUGHT COVER	PERCENT GREEN COVER DURING DRY DOWN									
NAME		JUNE 1	JUNE 5	JUNE 8	JUNE 12	JUNE 15	JUNE 19	JUNE 25	JUNE 29	JULY 2	JULY 5	JULY 9
BARRARI	KB	79.7	82.3	84.0	85.3	81.3	68.0	63.0	65.3	62.7	61.0	56.3
NAI-13-132	KB	84.3	86.7	86.7	84.3	67.0	54.0	54.0	54.7	57.7	53.0	55.3
NAI-13-14	KB	74.7	69.0	71.0	60.3	55.3	55.0	52.0	54.0	55.0	52.0	53.3
BLUE NOTE	KB	93.0	93.0	92.3	91.0	86.7	65.7	59.3	63.7	59.0	61.3	63.0
BABE	KB	88.0	80.7	80.3	76.0	68.3	64.3	61.0	64.0	64.3	62.0	60.3
BAR PP 110358	KB	91.0	91.3	90.3	88.7	80.0	67.7	61.3	65.0	56.7	57.7	55.3
EVEREST	KB	82.7	83.7	84.7	74.3	65.0	55.0	55.0	57.3	60.0	57.3	60.3
PST-K11-118	KB	92.7	91.7	90.0	86.3	73.0	57.7	60.7	54.0	52.0	50.3	50.0
PST-K13-137	KB	81.3	84.0	77.3	78.0	64.0	56.7	62.3	63.7	64.0	61.3	62.3
PST-K15-169	KB	78.0	76.7	75.3	72.7	62.7	52.3	53.3	51.0	50.3	50.7	47.3
DAUNTLESS	KB	89.0	87.7	87.0	82.7	67.3	53.0	56.7	57.3	59.3	60.3	62.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		80.7	75.0	71.7	63.3	59.3	51.0	52.3	52.3	53.7	49.0	48.3
MIDNIGHT	KB	85.0	86.3	85.7	79.7	68.0	51.3	53.7	56.3	59.7	57.3	62.0
PST-K13-141	KB	90.7	89.3	89.0	87.0	68.7	50.3	54.7	54.3	55.7	55.0	56.3
BLUE DEVIL	KB	90.0	88.3	88.3	84.3	67.3	51.7	54.0	54.7	56.0	57.3	56.3
PST-K13-143	KB	88.0	86.7	86.7	84.3	70.0	56.0	61.3	59.7	65.3	57.7	56.0
LSD VALUE		19.5	17.8	16.6	15.1	12.5	17.7	13.9	9.0	14.0	11.4	14.8
C.V. (%)		9.3	9.6	9.4	10.3	10.2	13.8	9.9	8.3	10.3	9.3	11.5

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

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

TABLE 3B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT WEST LAFAYETTE, IN 1/
2018 DATA

		TOTAL WATER APPLIED IN MM 2/									
NAME		PERCENT GREEN COVER DURING DRY DOWN									
		JULY 12	JULY 16	JULY 20	JULY 23	JULY 26	JULY 30	AUG 3	AUG 6	AUG 9	AUG 13
BARRARI	KB	57.3	55.3	49.0	47.3	42.3	39.7	40.0	40.0	34.7	33.0
NAI-13-132	KB	53.0	53.0	48.3	48.7	45.3	43.3	44.7	43.3	41.0	40.0
NAI-13-14	KB	51.0	53.7	49.0	48.7	45.3	44.7	43.0	43.3	39.7	36.0
BLUE NOTE	KB	62.3	58.3	53.3	58.3	62.7	57.3	58.3	52.0	53.0	53.3
BABE	KB	57.0	56.7	49.3	55.0	52.3	53.3	53.7	54.3	51.0	51.0
BAR PP 110358	KB	58.0	56.0	56.7	60.3	55.3	53.3	63.7	58.0	57.3	59.0
EVEREST	KB	57.3	60.3	59.7	55.0	52.3	53.3	53.7	50.0	47.3	49.3
PST-K11-118	KB	45.7	43.7	39.0	39.7	34.0	36.3	33.7	31.0	29.3	25.3
PST-K13-137	KB	62.0	61.7	54.0	59.7	58.0	54.3	54.3	54.7	52.7	53.0
PST-K15-169	KB	46.3	44.3	39.0	41.7	38.3	39.0	39.0	38.7	37.0	35.7
DAUNTLESS	KB	59.7	61.0	57.3	57.3	57.0	53.3	52.7	51.0	45.3	44.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		47.3	48.7	48.3	53.7	51.7	58.0	65.3	61.3	55.3	56.0
MIDNIGHT	KB	59.3	62.7	59.0	60.7	53.7	59.3	55.0	55.0	51.7	49.0
PST-K13-141	KB	55.0	54.7	47.0	47.0	46.3	39.3	40.7	37.7	32.3	32.0
BLUE DEVIL	KB	54.7	55.3	52.7	54.0	49.0	50.3	48.3	46.3	43.3	43.3
PST-K13-143	KB	56.0	58.0	57.3	58.7	55.7	58.7	62.0	63.0	55.7	55.0
LSD VALUE		11.9	13.1	11.8	13.1	11.4	12.5	12.3	11.0	9.4	10.0
C.V. (%)		10.6	11.6	12.2	12.9	13.0	14.2	14.4	13.6	12.8	13.9

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

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

TABLE 3B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT WEST LAFAYETTE, IN 1/
2018 DATA

		TOTAL WATER APPLIED IN MM 2/								PERCENT GREEN COVER RECOVERY	TOTAL WATER APPLIED (MM)
		PERCENT GREEN COVER DURING DRY DOWN								SEPT 20	
NAME		AUG 16	AUG 20	AUG 23	AUG 27	AUG 30	SEPT 3	SEPT 6	SEPT 10		
BARRARI	KB	33.3	35.7	39.3	38.7	41.3	37.0	43.7	51.7	60.3	216.0
NAI-13-132	KB	39.0	44.0	40.3	45.0	48.0	46.3	51.3	55.7	78.7	216.3
NAI-13-14	KB	40.0	38.0	38.7	40.3	40.7	38.7	41.3	46.0	64.7	228.7
BLUE NOTE	KB	56.3	58.0	57.7	59.0	58.0	55.0	59.0	61.7	73.3	233.0
BABE	KB	51.7	52.7	52.7	52.7	53.7	50.0	54.7	58.0	71.0	237.0
BAR PP 110358	KB	59.3	55.0	59.7	59.3	60.3	59.0	62.7	66.0	81.3	237.0
EVEREST	KB	51.0	51.3	50.3	52.0	50.7	49.0	54.3	58.3	79.0	241.3
PST-K11-118	KB	27.3	26.3	27.7	28.3	28.0	26.7	33.3	39.0	64.0	270.7
PST-K13-137	KB	54.0	55.0	56.7	57.3	58.0	55.0	57.0	61.0	71.7	275.0
PST-K15-169	KB	35.7	36.0	37.7	37.7	39.0	34.0	39.0	44.0	57.0	279.7
DAUNTLESS	KB	46.3	46.3	48.3	47.7	50.0	44.7	48.3	54.0	66.7	287.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		59.0	69.7	74.0	61.7	70.0	50.0	52.0	54.0	68.0	288.0
MIDNIGHT	KB	51.3	50.0	48.3	50.7	49.7	48.0	51.0	52.7	76.7	300.7
PST-K13-141	KB	33.0	30.7	34.0	34.0	32.0	28.3	36.3	39.3	55.7	300.7
BLUE DEVIL	KB	45.0	44.0	44.3	45.3	46.0	42.7	48.3	51.7	66.3	313.3
PST-K13-143	KB	56.7	59.7	58.0	59.3	61.3	56.3	61.0	62.7	61.7	313.7
LSD VALUE		10.3	10.8	9.6	9.8	9.3	9.5	10.7	10.9	29.8	46.3
C.V. (%)		13.9	14.4	12.8	12.8	12.1	13.3	13.0	12.0	17.1	10.3

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

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

TABLE 3C.

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT WEST LAFAYETTE, IN 1/
2018 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		SPRING	LEAF	PRE DROUGHT	QUALITY RATINGS DURING DRY DOWN					QUALITY RATINGS		
		GREENUP		QUALITY	JUNE 22	JULY 17	AUG 6	AUG 21	SEPT 5	DURING	RECOVERY	MEAN
		4/13	TEXTURE	MAY 30						SEPT 28	OCT 31	
DLFPS 321/3678	TF	5.7	6.3	6.7	6.0	6.3	6.0	6.3	6.3	7.3	6.7	6.5
DLFPS 321/3677	TF	5.7	6.0	6.7	6.3	5.7	6.0	5.0	5.3	6.7	6.7	6.1
RS4	TF	5.7	6.3	6.0	6.3	5.7	5.3	6.3	6.0	7.3	7.0	6.3
BAR FA 121095	TF	4.7	5.7	6.0	5.7	5.7	6.3	6.3	6.3	7.0	6.3	6.3
THOR	TF	5.3	6.0	6.3	6.0	6.0	5.7	5.7	5.7	7.0	6.3	6.1
GO-AOMK	TF	5.3	5.7	6.0	7.0	6.3	6.7	6.7	6.0	7.0	7.0	6.6
DLFPS 321/3679	TF	5.7	5.3	6.7	6.0	6.0	6.0	6.3	6.0	7.0	6.7	6.4
SUPERSONIC	TF	5.7	6.0	6.7	7.0	6.0	5.7	6.3	5.7	8.0	6.7	6.6
NONET	TF	5.0	5.0	6.7	6.3	6.0	5.7	6.0	5.7	7.0	6.3	6.3
THUNDERSTRUCK	TF	5.3	5.3	6.3	7.0	6.3	7.0	6.0	5.7	7.0	7.0	6.6
TITANIUM 2LS	TF	6.0	5.3	6.7	5.3	5.7	5.7	6.0	5.7	6.7	7.0	6.2
KINGDOM	TF	5.0	6.0	6.7	6.3	6.3	6.3	6.3	6.0	6.7	7.0	6.5
MRSI TF15	TF	4.7	5.3	5.7	6.7	5.7	6.3	6.0	6.3	7.0	7.0	6.3
BARROBUSTO	TF	6.0	5.7	7.0	6.3	6.0	6.0	6.0	6.3	7.7	6.7	6.6
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.7	7.3	5.7	6.0	5.7	6.0	7.0	5.3	6.3	6.3	6.1
CATALYST	TF	5.3	5.7	6.0	5.3	5.7	6.0	5.7	6.0	6.7	6.3	6.0
PST-5SDS	TF	5.7	5.7	6.7	6.3	6.0	5.0	5.3	6.3	7.0	6.3	6.2
STETSON II	TF	5.7	5.7	6.7	6.3	5.7	6.0	6.3	6.7	7.0	6.7	6.4
PST-R511	TF	5.7	6.3	6.0	5.3	5.7	5.0	5.7	5.3	7.0	6.7	5.9
LTP-SYN-A3	TF	5.0	5.7	5.7	6.3	6.0	6.0	6.0	5.3	6.7	7.0	6.1
LSD VALUE		2.6	0.9	1.2	1.7	1.7	2.6	1.2	1.8	1.0	1.7	0.6
C.V. (%)		14.5	8.8	8.5	11.2	8.8	14.4	9.2	10.9	6.7	7.9	4.0

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

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

TABLE 3C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT WEST LAFAYETTE, IN 1/
2018 DATA

		TOTAL WATER APPLIED IN MM 2/										
NAME		PRE DROUGHT COVER		PERCENT GREEN COVER DURING DRY DOWN								
		JUNE 1	JUNE 5	JUNE 8	JUNE 12	JUNE 15	JUNE 19	JUNE 25	JUNE 29	JULY 2	JULY 5	JULY 9
DLFPS 321/3678	TF	86.7	85.0	85.3	82.3	71.7	63.7	64.0	65.0	69.7	60.7	62.3
DLFPS 321/3677	TF	84.7	84.3	83.3	81.3	76.0	71.0	61.7	69.0	67.3	66.7	57.7
RS4	TF	85.0	86.7	85.0	83.3	79.3	75.7	72.3	72.3	68.7	65.3	61.3
BAR FA 121095	TF	85.7	85.3	85.0	76.3	66.7	66.7	64.3	63.7	70.0	59.7	63.7
THOR	TF	85.3	84.0	84.3	78.3	67.3	61.7	63.3	64.3	67.0	55.7	64.0
GO-AOMK	TF	80.0	77.3	75.0	71.3	68.0	51.0	57.7	58.3	66.7	61.0	60.0
DLFPS 321/3679	TF	83.7	84.0	82.3	72.3	74.7	62.3	63.3	69.0	69.0	59.0	60.7
SUPERSONIC	TF	81.7	81.3	82.3	81.3	75.3	66.7	72.7	69.7	72.7	64.7	68.3
NONET	TF	78.0	78.3	77.3	75.3	67.0	58.0	67.7	63.0	67.7	59.0	57.0
THUNDERSTRUCK	TF	82.3	81.7	82.3	75.7	68.0	65.3	67.3	65.3	66.7	56.0	62.0
TITANIUM 2LS	TF	89.3	89.0	88.3	84.3	77.3	57.0	60.3	63.0	62.3	64.0	63.3
KINGDOM	TF	84.3	83.0	81.3	73.7	70.3	53.7	59.3	65.0	67.7	57.7	63.0
MRSI TF15	TF	72.3	74.3	71.7	66.0	58.3	57.3	64.0	62.3	67.3	61.3	63.3
BARROBUSTO	TF	86.7	87.0	85.3	79.7	70.7	59.7	64.7	63.0	66.7	62.7	59.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		80.7	75.0	71.7	63.3	59.3	51.0	52.3	52.3	53.7	49.0	48.3
CATALYST	TF	84.3	86.3	83.7	77.7	66.3	53.0	56.3	61.0	68.7	62.3	55.0
PST-5SDS	TF	88.7	88.7	88.3	85.3	72.7	57.3	66.3	60.3	61.3	64.7	53.3
STETSON II	TF	79.7	79.3	76.7	72.3	65.7	53.7	62.7	63.0	67.3	60.0	59.7
PST-R511	TF	88.0	88.3	87.3	83.7	76.7	59.7	57.7	61.3	63.0	65.3	62.7
LTP-SYN-A3	TF	82.3	82.7	83.0	78.7	69.3	64.0	65.7	60.3	69.3	57.0	65.0
LSD VALUE		12.9	13.2	10.1	10.9	26.1	22.9	14.0	13.9	11.3	19.8	15.9
C.V. (%)		6.5	6.9	6.4	7.7	13.1	15.4	10.0	9.3	7.6	11.5	10.6

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

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

TABLE 3C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT WEST LAFAYETTE, IN 1/
2018 DATA

		TOTAL WATER APPLIED IN MM 2/									
		PERCENT GREEN COVER DURING DRY DOWN									
NAME		JULY 12	JULY 16	JULY 20	JULY 23	JULY 26	JULY 30	AUG 3	AUG 6	AUG 9	AUG 13
DLFPS 321/3678	TF	61.3	65.7	56.3	63.3	62.7	60.0	65.7	66.0	55.7	57.0
DLFPS 321/3677	TF	64.3	53.7	56.0	62.0	58.7	63.0	64.3	66.7	65.0	65.7
RS4	TF	61.3	58.7	58.7	64.0	62.7	63.7	68.3	61.0	56.0	59.7
BAR FA 121095	TF	61.0	66.0	55.7	61.0	54.0	59.7	63.7	65.7	62.3	62.0
THOR	TF	61.3	66.0	60.7	64.7	61.7	62.7	67.3	65.7	61.3	63.0
GO-AOMK	TF	60.3	64.3	57.0	60.3	58.0	59.3	62.0	64.0	57.3	60.3
DLFPS 321/3679	TF	63.0	60.3	56.3	62.0	61.7	63.3	67.7	61.7	60.7	62.0
SUPERSONIC	TF	64.7	67.0	59.7	64.0	63.0	64.7	67.0	60.3	59.3	62.0
NONET	TF	61.3	62.7	61.3	63.7	58.3	64.3	66.7	59.3	60.0	62.0
THUNDERSTRUCK	TF	62.7	65.3	56.0	62.7	62.0	59.0	66.0	66.3	59.3	61.0
TITANIUM 2LS	TF	66.7	65.0	59.7	59.3	57.3	56.7	61.7	61.3	60.0	59.3
KINGDOM	TF	55.7	58.3	54.7	60.3	57.3	63.7	65.7	64.7	62.3	63.3
MRS� TF15	TF	56.0	59.7	51.7	57.0	56.0	60.7	65.3	66.0	63.3	58.3
BARROBUSTO	TF	64.3	64.3	56.0	63.0	65.7	64.0	66.3	58.3	59.0	63.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		47.3	48.7	48.3	53.7	51.7	58.0	65.3	61.3	55.3	56.0
CATALYST	TF	61.3	65.7	54.3	59.7	58.7	62.7	66.7	64.3	57.7	63.0
PST-5SDS	TF	59.7	62.0	62.0	66.7	60.7	66.7	68.7	60.7	56.0	53.3
STETSON II	TF	59.3	64.0	51.3	57.0	54.0	57.7	62.7	64.7	59.7	62.0
PST-R511	TF	63.0	64.0	56.7	66.0	57.0	65.3	64.3	62.7	56.7	60.0
LTP-SYN-A3	TF	55.0	56.0	54.0	63.3	56.7	65.0	66.0	67.7	59.7	59.7
LSD VALUE		10.4	9.8	22.2	13.0	15.0	13.2	12.3	13.9	13.5	10.1
C.V. (%)		8.3	8.2	12.1	7.9	9.4	7.6	5.8	7.4	7.7	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 3C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT WEST LAFAYETTE, IN 1/
2018 DATA

		TOTAL WATER APPLIED IN MM 2/									
		PERCENT GREEN COVER DURING DRY DOWN								PERCENT GREEN COVER RECOVERY	TOTAL WATER APPLIED (MM)
NAME		AUG 16	AUG 20	AUG 23	AUG 27	AUG 30	SEPT 3	SEPT 6	SEPT 10	SEPT 20	
DLFPS 321/3678	TF	62.3	66.7	62.3	64.7	64.0	61.3	66.7	69.3	79.0	161.0
DLFPS 321/3677	TF	65.0	64.0	62.0	65.0	65.3	59.0	63.7	65.0	76.7	173.7
RS4	TF	63.3	65.0	66.0	64.3	66.3	59.7	67.0	68.0	85.0	175.7
BAR FA 121095	TF	63.3	69.3	67.0	63.7	66.3	57.3	64.7	66.7	81.3	178.0
THOR	TF	64.0	66.7	62.3	61.3	63.7	63.7	64.7	64.0	83.3	190.3
GO-AOMK	TF	60.0	68.0	68.0	64.0	69.0	55.3	60.3	65.0	83.7	199.0
DLFPS 321/3679	TF	64.3	68.0	64.3	65.0	66.0	55.3	62.3	66.7	78.0	203.3
SUPERSONIC	TF	67.0	69.0	71.7	66.0	60.7	61.7	66.7	67.0	86.3	207.3
NONET	TF	65.0	65.0	62.0	65.7	66.0	50.7	59.7	61.3	75.7	216.3
THUNDERSTRUCK	TF	62.3	63.3	58.3	62.7	64.0	59.3	62.7	65.7	81.0	216.3
TITANIUM 2LS	TF	61.7	69.7	66.3	65.3	67.3	55.0	64.7	67.3	82.7	220.3
KINGDOM	TF	65.7	64.3	61.3	64.7	62.7	57.3	63.3	63.3	71.0	237.0
MRS� TF15	TF	63.7	64.3	59.7	60.7	64.0	61.3	66.0	68.3	82.3	245.7
BARROBUSTO	TF	66.7	65.7	62.7	62.7	64.0	61.0	67.0	66.7	86.7	288.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		59.0	69.7	74.0	61.7	70.0	50.0	52.0	54.0	68.0	288.0
CATALYST	TF	66.0	68.7	64.7	60.7	59.7	58.0	64.7	63.0	73.0	292.3
PST-5SDS	TF	58.7	62.7	60.0	63.7	65.3	62.0	68.7	70.7	83.3	305.0
STETSON II	TF	64.3	64.0	62.0	62.7	67.0	61.3	65.3	65.0	78.0	309.3
PST-R511	TF	65.0	67.7	66.0	66.0	55.0	54.7	63.3	66.0	85.3	313.3
LTP-SYN-A3	TF	64.3	65.7	59.7	66.0	62.0	64.0	65.3	62.0	78.3	317.7
LSD VALUE		12.1	11.9	12.2	14.5	9.6	14.9	8.6	8.3	23.6	50.4
C.V. (%)		6.4	6.0	8.3	6.4	6.7	9.9	6.5	6.2	10.5	13.5

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

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

TABLE 4A.

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT COLLEGE PARK, MD 1/
2018 DATA

NAME		TOTAL WATER APPLIED IN MM 2/ PRE DROUGHT QUALITY								
		4/25	6/22	6/25	6/28	7/2	7/5	7/9	7/12	7/16
RS4	TF	7.0	78.3	81.0	79.7	61.0	62.0	66.0	62.3	60.3
CATALYST	TF	6.7	77.0	77.0	77.0	53.3	57.3	60.0	58.0	59.3
NONET	TF	6.7	74.7	75.3	74.0	55.7	59.7	63.0	62.7	62.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.3	53.3	69.0	68.3	57.7	62.7	66.0	67.7	66.3
LTP-SYN-A3	TF	7.0	75.7	77.7	77.0	57.0	58.3	63.7	65.3	63.0
BAR PP 110358	KB	6.3	76.3	79.7	74.0	53.0	53.3	56.7	57.7	63.0
TITANIUM 2LS	TF	7.3	80.7	83.0	81.7	63.0	61.3	60.7	60.7	64.0
BAR FA 121095	TF	6.0	74.3	76.3	73.0	53.0	57.0	58.3	58.0	61.3
DLFPS 321/3679	TF	7.3	77.3	78.3	76.0	54.7	59.0	61.0	59.0	60.0
DLFPS 321/3677	TF	7.0	77.3	78.7	77.3	57.3	60.3	61.7	60.0	61.3
DLFPS 321/3678	TF	6.7	77.3	78.0	77.0	57.3	61.7	64.3	60.0	61.0
KINGDOM	TF	6.0	77.7	78.3	76.7	58.0	63.3	64.0	62.7	64.3
SUPERSONIC	TF	7.0	75.0	76.7	75.7	50.3	55.3	58.3	61.0	65.7
MRSI TF15	TF	6.3	76.7	76.3	73.7	51.3	54.7	59.3	60.3	63.0
PST-5SDS	TF	6.7	75.7	77.3	75.0	52.7	57.0	60.0	59.0	61.0
THOR	TF	7.0	76.0	79.3	76.3	55.3	58.3	59.7	61.7	63.3
BARROBUSTO	TF	7.0	73.3	77.0	75.0	55.7	57.7	60.7	62.7	63.0
PST-R511	TF	7.0	75.3	78.0	74.0	49.0	54.7	57.0	57.3	61.0
PST-K13-141	KB	6.0	71.0	76.3	72.0	60.0	63.7	69.3	66.7	68.7
BLUE DEVIL	KB	5.3	77.7	79.3	75.7	52.0	50.0	59.3	62.7	64.0
GO-AOMK	TF	6.3	77.0	77.0	75.3	55.0	53.3	54.3	55.0	57.7
NAI-13-14	KB	5.3	82.3	81.3	76.7	52.3	56.3	64.3	65.7	63.0
STETSON II	TF	7.0	76.0	76.3	75.0	58.3	60.0	62.0	64.3	62.7
NAI-13-132	KB	5.0	82.0	82.7	80.7	49.0	57.0	61.7	60.3	62.7
EVEREST	KB	5.3	77.0	77.7	72.0	42.3	47.3	55.0	59.0	62.7
MIDNIGHT	KB	5.7	79.3	79.0	73.3	45.3	51.7	55.3	57.7	61.7
PST-K11-118	KB	6.3	71.3	80.0	76.7	57.7	59.0	64.0	59.0	59.3
BABE	KB	6.0	56.7	72.3	70.7	57.7	59.3	63.7	61.0	60.0
BLUE NOTE	KB	6.7	73.0	77.7	71.3	38.0	38.0	47.7	53.0	58.7
PST-K13-137	KB	6.3	68.7	77.0	75.3	57.3	58.0	63.0	61.3	61.0
BARRARI	KB	7.0	59.3	73.0	69.7	45.3	44.7	50.0	54.3	55.3
PST-K13-143	KB	7.0	54.0	72.7	69.0	57.7	62.0	64.7	63.7	62.0
THUNDERSTRUCK	TF	5.7	70.7	76.7	72.3	53.7	59.7	59.3	63.7	63.3
PST-K15-169	KB	4.7	71.7	76.0	69.0	50.3	53.0	52.3	50.7	51.3
DAUNTLESS	KB	6.3	42.0	72.0	68.0	54.0	55.0	60.0	61.0	62.3
LSD VALUE		1.2	6.8	7.2	7.3	15.7	14.9	11.2	13.6	13.0
C.V. (%)		10.7	6.2	4.5	5.0	12.7	12.0	9.1	8.7	7.5

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

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

TABLE 4A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT COLLEGE PARK, MD 1/
2018 DATA

		TOTAL WATER APPLIED IN MM 2/										
		PERCENT GROUND COVER DURING DRY DOWN										
NAME		7/19	7/23	7/26	7/30	8/2	8/6	8/10	8/13	8/16	8/20	8/23
RS4	TF	58.7	65.7	68.7	64.3	67.0	69.7	62.7	62.3	59.0	63.3	67.0
CATALYST	TF	62.3	64.7	68.0	70.0	70.0	62.7	53.3	61.0	63.0	63.7	66.0
NONET	TF	61.3	65.0	68.3	66.3	67.7	64.3	62.7	64.3	62.3	67.3	63.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		58.7	60.3	70.7	61.7	65.0	65.3	56.0	62.3	63.0	69.3	67.3
LTP-SYN-A3	TF	63.0	66.3	64.3	61.0	63.3	59.0	53.3	62.3	63.7	69.0	67.0
BAR PP 110358	KB	56.0	60.7	66.3	64.0	64.0	57.3	54.0	56.0	58.0	59.3	60.7
TITANIUM 2LS	TF	58.3	61.3	68.0	65.3	66.3	59.0	55.0	62.0	63.3	66.7	65.3
BAR FA 121095	TF	61.0	66.0	67.7	62.3	64.7	60.7	58.0	62.0	60.7	60.3	64.3
DLFPS 321/3679	TF	60.3	65.3	66.0	65.3	67.7	64.7	64.3	69.0	66.7	65.3	60.3
DLFPS 321/3677	TF	61.7	66.3	66.3	65.0	69.0	63.3	46.7	60.3	61.3	65.3	66.0
DLFPS 321/3678	TF	63.0	68.7	66.3	62.7	64.7	61.0	56.3	61.0	60.7	63.0	67.7
KINGDOM	TF	61.7	65.0	67.0	65.0	67.3	64.3	62.7	64.3	64.7	67.7	65.3
SUPERSONIC	TF	64.7	67.0	67.0	60.3	60.7	62.0	60.7	65.0	63.3	67.3	64.0
MRSI TF15	TF	59.7	63.0	64.3	65.3	66.3	63.0	58.7	60.0	60.0	63.0	64.7
PST-5SDS	TF	62.7	67.0	67.7	67.0	67.3	63.7	58.7	63.7	64.7	65.7	66.3
THOR	TF	61.3	64.7	65.3	65.7	65.3	63.7	62.0	63.3	63.7	68.0	62.7
BARROBUSTO	TF	55.7	62.0	65.3	66.3	65.7	59.3	56.3	61.3	62.0	65.0	63.7
PST-R511	TF	62.0	66.0	66.3	66.0	66.3	65.7	60.0	62.0	57.3	59.3	60.3
PST-K13-141	KB	59.7	60.3	62.7	65.0	66.0	65.7	52.3	58.3	57.3	60.3	62.7
BLUE DEVIL	KB	52.0	56.3	64.3	59.7	60.3	60.0	54.0	60.0	59.3	63.0	66.0
GO-AOMK	TF	56.3	61.0	65.0	64.3	66.0	60.3	55.3	54.7	54.0	55.3	60.3
NAI-13-14	KB	58.3	60.0	65.3	66.3	62.7	57.7	51.7	58.3	55.7	59.3	62.7
STETSON II	TF	61.0	63.3	62.3	64.3	65.7	64.3	56.7	58.3	57.7	61.3	61.3
NAI-13-132	KB	63.0	65.7	65.3	65.0	63.3	58.3	50.3	52.7	52.3	57.3	60.3
EVEREST	KB	59.7	62.3	66.3	62.3	61.0	58.7	54.7	61.0	62.0	63.3	67.0
MIDNIGHT	KB	59.7	62.3	65.3	59.0	56.7	56.7	52.7	56.0	57.0	61.7	63.3
PST-K11-118	KB	53.3	57.0	60.3	59.7	60.0	61.0	55.3	62.0	61.0	66.3	68.7
BABE	KB	56.0	60.3	64.0	61.3	61.0	60.0	54.7	57.3	56.3	61.3	63.7
BLUE NOTE	KB	57.3	61.0	62.3	63.7	61.0	61.0	56.3	62.0	62.0	64.7	70.3
PST-K13-137	KB	57.7	59.3	66.0	56.0	57.0	56.0	53.3	55.3	54.0	57.0	60.0
BARRARI	KB	49.7	55.0	57.0	61.0	60.3	57.0	51.7	57.3	60.0	58.0	63.3
PST-K13-143	KB	57.3	61.0	63.0	61.0	61.3	61.7	57.7	59.3	56.7	61.0	65.7
THUNDERSTRUCK	TF	58.3	60.7	66.3	61.7	61.7	56.3	51.7	53.7	54.0	57.3	59.3
PST-K15-169	KB	46.0	48.3	54.3	51.3	50.0	51.7	44.0	45.7	44.3	46.3	52.7
DAUNTLESS	KB	55.0	57.3	60.3	56.0	53.7	51.3	45.7	51.0	49.7	53.0	56.7
LSD VALUE		9.4	9.2	8.7	12.8	10.0	18.6	25.8	20.1	16.9	12.0	16.5
C.V. (%)		8.0	7.5	6.2	8.1	7.9	10.3	14.4	11.7	11.2	9.4	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 4A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT COLLEGE PARK, MD 1/
2018 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		PERCENT GREEN COVER				QUALITY RATINGS DURING DRY DOWN				QUALITY RECOVERY PERIOD	TOTAL WATER APPLIED (MM)
		8/27	8/30	9/4	9/6	6/15	6/30	7/30	9/11	10/22	
RS4	TF	63.7	61.7	61.3	64.0	7.7	7.3	6.7	6.0	7.3	156.7
CATALYST	TF	65.7	63.3	60.0	61.3	7.3	7.0	7.0	6.0	6.7	165.0
NONET	TF	63.7	60.3	58.7	61.7	7.3	6.7	7.0	6.3	6.0	165.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		58.7	63.3	60.7	66.7	4.0	5.3	6.0	5.7	5.7	165.0
LTP-SYN-A3	TF	62.0	60.0	62.7	64.3	7.0	7.0	6.7	6.0	7.7	165.3
BAR PP 110358	KB	54.7	59.0	58.0	58.0	7.7	6.7	6.7	6.0	7.7	169.3
TITANIUM 2LS	TF	63.7	64.0	58.3	62.0	7.7	7.7	7.0	6.0	7.3	169.3
BAR FA 121095	TF	59.7	62.3	65.0	65.0	7.0	7.0	6.7	5.7	6.0	173.7
DLFPS 321/3679	TF	61.3	63.0	66.0	63.7	7.3	7.0	6.7	6.7	6.7	173.7
DLFPS 321/3677	TF	64.7	68.0	59.3	63.3	7.7	7.0	6.7	6.7	6.0	177.7
DLFPS 321/3678	TF	58.3	58.3	54.7	57.7	7.7	7.0	6.3	6.0	7.3	182.0
KINGDOM	TF	61.3	62.3	63.7	67.0	7.3	7.7	7.0	6.0	6.3	182.3
SUPERSONIC	TF	64.0	64.3	61.3	63.7	7.3	7.0	6.3	6.3	6.7	186.7
MRSI TF15	TF	60.0	63.7	63.0	64.3	7.0	7.0	7.0	5.3	5.7	190.3
PST-5SDS	TF	60.7	62.0	57.7	60.3	6.3	7.0	6.3	5.7	6.3	190.7
THOR	TF	59.7	57.3	56.3	58.7	7.0	6.7	6.7	6.0	6.3	194.7
BARROBUSTO	TF	63.0	63.7	63.7	65.7	7.3	7.0	6.7	5.7	6.3	195.0
PST-R511	TF	59.0	62.7	62.0	62.3	7.3	7.3	7.3	6.0	6.0	195.0
PST-K13-141	KB	57.7	58.7	57.3	58.7	7.3	6.7	7.0	6.3	7.0	199.3
BLUE DEVIL	KB	62.7	66.3	60.3	61.0	7.7	6.3	6.7	6.0	6.3	203.3
GO-AOMK	TF	64.3	66.3	63.0	67.7	7.0	6.7	6.7	5.7	5.7	203.3
NAI-13-14	KB	61.0	62.3	58.7	64.0	7.7	6.7	6.7	6.7	7.0	207.3
STETSON II	TF	61.7	62.3	61.7	60.0	7.3	7.0	7.0	5.3	5.3	207.3
NAI-13-132	KB	58.0	61.7	61.0	64.0	7.7	6.7	6.7	6.0	6.7	207.7
EVEREST	KB	63.7	66.0	61.3	64.0	7.0	6.3	7.0	6.3	6.0	216.0
MIDNIGHT	KB	62.0	66.0	59.7	62.7	7.3	7.0	7.0	6.3	7.0	216.0
PST-K11-118	KB	63.0	63.0	58.7	61.3	7.3	7.7	6.3	6.7	8.0	216.0
BABE	KB	61.3	62.3	58.7	61.0	7.7	6.3	6.7	6.0	7.0	220.0
BLUE NOTE	KB	63.7	66.0	57.3	57.7	7.3	6.7	6.7	6.3	7.0	220.3
PST-K13-137	KB	61.0	62.0	60.7	63.3	7.0	6.7	6.0	5.3	6.7	228.3
BARRARI	KB	57.3	57.0	54.3	55.3	7.7	6.3	6.3	6.0	5.7	237.0
PST-K13-143	KB	59.7	59.7	55.7	59.0	7.0	6.7	6.7	6.3	6.7	241.3
THUNDERSTRUCK	TF	58.7	60.3	60.3	60.7	7.0	6.7	6.3	5.3	4.7	241.3
PST-K15-169	KB	50.7	51.3	52.7	56.7	7.0	6.0	6.3	4.3	5.3	249.7
DAUNTLESS	KB	53.0	53.3	52.7	53.7	7.0	6.3	6.0	5.3	5.7	275.0
LSD VALUE		11.7	8.8	7.9	11.5	0.8	1.0	1.6	1.1	1.2	54.0
C.V. (%)		7.7	6.9	6.4	7.5	7.1	7.5	7.9	9.5	10.8	14.7

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

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

TABLE 4B.

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT COLLEGE PARK, MD 1/
2018 DATA

		TOTAL WATER APPLIED IN MM 2/								
NAME		PRE DROUGHT QUALITY	PERCENT GROUND COVER DURING DRY DOWN							
		4/25	6/22	6/25	6/28	7/2	7/5	7/9	7/12	7/16
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.3	53.3	69.0	68.3	57.7	62.7	66.0	67.7	66.3
BAR PP 110358	KB	6.3	76.3	79.7	74.0	53.0	53.3	56.7	57.7	63.0
PST-K13-141	KB	6.0	71.0	76.3	72.0	60.0	63.7	69.3	66.7	68.7
BLUE DEVIL	KB	5.3	77.7	79.3	75.7	52.0	50.0	59.3	62.7	64.0
NAI-13-14	KB	5.3	82.3	81.3	76.7	52.3	56.3	64.3	65.7	63.0
NAI-13-132	KB	5.0	82.0	82.7	80.7	49.0	57.0	61.7	60.3	62.7
EVEREST	KB	5.3	77.0	77.7	72.0	42.3	47.3	55.0	59.0	62.7
MIDNIGHT	KB	5.7	79.3	79.0	73.3	45.3	51.7	55.3	57.7	61.7
PST-K11-118	KB	6.3	71.3	80.0	76.7	57.7	59.0	64.0	59.0	59.3
BABE	KB	6.0	56.7	72.3	70.7	57.7	59.3	63.7	61.0	60.0
BLUE NOTE	KB	6.7	73.0	77.7	71.3	38.0	38.0	47.7	53.0	58.7
PST-K13-137	KB	6.3	68.7	77.0	75.3	57.3	58.0	63.0	61.3	61.0
BARRARI	KB	7.0	59.3	73.0	69.7	45.3	44.7	50.0	54.3	55.3
PST-K13-143	KB	7.0	54.0	72.7	69.0	57.7	62.0	64.7	63.7	62.0
PST-K15-169	KB	4.7	71.7	76.0	69.0	50.3	53.0	52.3	50.7	51.3
DAUNTLESS	KB	6.3	42.0	72.0	68.0	54.0	55.0	60.0	61.0	62.3
LSD VALUE		1.3	9.0	7.3	9.4	15.5	15.2	11.9	11.8	12.0
C.V. (%)		11.6	8.5	5.0	6.0	14.3	13.9	10.5	9.3	8.5

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

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

TABLE 4B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT COLLEGE PARK, MD 1/
2018 DATA

TOTAL WATER APPLIED IN MM 2/												
PERCENT GROUND COVER DURING DRY DOWN												
NAME		7/19	7/23	7/26	7/30	8/2	8/6	8/10	8/13	8/16	8/20	8/23
SR 4650 (P.RYEGRASS STANDARD ENTRY)		58.7	60.3	70.7	61.7	65.0	65.3	56.0	62.3	63.0	69.3	67.3
BAR PP 110358	KB	56.0	60.7	66.3	64.0	64.0	57.3	54.0	56.0	58.0	59.3	60.7
PST-K13-141	KB	59.7	60.3	62.7	65.0	66.0	65.7	52.3	58.3	57.3	60.3	62.7
BLUE DEVIL	KB	52.0	56.3	64.3	59.7	60.3	60.0	54.0	60.0	59.3	63.0	66.0
NAI-13-14	KB	58.3	60.0	65.3	66.3	62.7	57.7	51.7	58.3	55.7	59.3	62.7
NAI-13-132	KB	63.0	65.7	65.3	65.0	63.3	58.3	50.3	52.7	52.3	57.3	60.3
EVEREST	KB	59.7	62.3	66.3	62.3	61.0	58.7	54.7	61.0	62.0	63.3	67.0
MIDNIGHT	KB	59.7	62.3	65.3	59.0	56.7	56.7	52.7	56.0	57.0	61.7	63.3
PST-K11-118	KB	53.3	57.0	60.3	59.7	60.0	61.0	55.3	62.0	61.0	66.3	68.7
BABE	KB	56.0	60.3	64.0	61.3	61.0	60.0	54.7	57.3	56.3	61.3	63.7
BLUE NOTE	KB	57.3	61.0	62.3	63.7	61.0	61.0	56.3	62.0	62.0	64.7	70.3
PST-K13-137	KB	57.7	59.3	66.0	56.0	57.0	56.0	53.3	55.3	54.0	57.0	60.0
BARRARI	KB	49.7	55.0	57.0	61.0	60.3	57.0	51.7	57.3	60.0	58.0	63.3
PST-K13-143	KB	57.3	61.0	63.0	61.0	61.3	61.7	57.7	59.3	56.7	61.0	65.7
PST-K15-169	KB	46.0	48.3	54.3	51.3	50.0	51.7	44.0	45.7	44.3	46.3	52.7
DAUNTLESS	KB	55.0	57.3	60.3	56.0	53.7	51.3	45.7	51.0	49.7	53.0	56.7
LSD VALUE		13.7	17.0	8.8	10.5	10.1	15.4	22.4	16.1	14.3	12.2	10.0
C.V. (%)		10.3	10.6	6.9	7.9	8.0	10.2	13.8	11.3	11.2	10.0	7.9

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

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

TABLE 4B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT COLLEGE PARK, MD 1/
2018 DATA

TOTAL WATER APPLIED IN MM 2/										QUALITY	TOTAL WATER APPLIED (MM)
NAME		PERCENT 8/27	GREEN COVER 8/30	DURING DRY 9/4	DOWN 9/6	QUALITY 6/15	RATINGS 6/30	DURING DRY 7/30	DOWN 9/11	RECOVERY PERIOD 10/22	
SR 4650 (P.RYEGRASS STANDARD ENTRY)		58.7	63.3	60.7	66.7	4.0	5.3	6.0	5.7	5.7	165.0
BAR PP 110358	KB	54.7	59.0	58.0	58.0	7.7	6.7	6.7	6.0	7.7	169.3
PST-K13-141	KB	57.7	58.7	57.3	58.7	7.3	6.7	7.0	6.3	7.0	199.3
BLUE DEVIL	KB	62.7	66.3	60.3	61.0	7.7	6.3	6.7	6.0	6.3	203.3
NAI-13-14	KB	61.0	62.3	58.7	64.0	7.7	6.7	6.7	6.7	7.0	207.3
NAI-13-132	KB	58.0	61.7	61.0	64.0	7.7	6.7	6.7	6.0	6.7	207.7
EVEREST	KB	63.7	66.0	61.3	64.0	7.0	6.3	7.0	6.3	6.0	216.0
MIDNIGHT	KB	62.0	66.0	59.7	62.7	7.3	7.0	7.0	6.3	7.0	216.0
PST-K11-118	KB	63.0	63.0	58.7	61.3	7.3	7.7	6.3	6.7	8.0	216.0
BABE	KB	61.3	62.3	58.7	61.0	7.7	6.3	6.7	6.0	7.0	220.0
BLUE NOTE	KB	63.7	66.0	57.3	57.7	7.3	6.7	6.7	6.3	7.0	220.3
PST-K13-137	KB	61.0	62.0	60.7	63.3	7.0	6.7	6.0	5.3	6.7	228.3
BARRARI	KB	57.3	57.0	54.3	55.3	7.7	6.3	6.3	6.0	5.7	237.0
PST-K13-143	KB	59.7	59.7	55.7	59.0	7.0	6.7	6.7	6.3	6.7	241.3
PST-K15-169	KB	50.7	51.3	52.7	56.7	7.0	6.0	6.3	4.3	5.3	249.7
DAUNTLESS	KB	53.0	53.3	52.7	53.7	7.0	6.3	6.0	5.3	5.7	275.0
LSD VALUE		7.2	7.4	11.1	10.9	0.7	0.9	1.7	1.0	1.3	56.6
C.V. (%)		6.5	6.7	7.4	7.8	6.3	7.6	9.1	8.9	10.5	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 4C. PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT COLLEGE PARK, MD 1/
2018 DATA

		TOTAL WATER APPLIED IN MM 2/								
NAME		PRE DROUGHT QUALITY	PERCENT GROUND COVER DURING DRY DOWN							
		4/25	6/22	6/25	6/28	7/2	7/5	7/9	7/12	7/16
RS4	TF	7.0	78.3	81.0	79.7	61.0	62.0	66.0	62.3	60.3
CATALYST	TF	6.7	77.0	77.0	77.0	53.3	57.3	60.0	58.0	59.3
NONET	TF	6.7	74.7	75.3	74.0	55.7	59.7	63.0	62.7	62.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.3	53.3	69.0	68.3	57.7	62.7	66.0	67.7	66.3
LTP-SYN-A3	TF	7.0	75.7	77.7	77.0	57.0	58.3	63.7	65.3	63.0
TITANIUM 2LS	TF	7.3	80.7	83.0	81.7	63.0	61.3	60.7	60.7	64.0
BAR FA 121095	TF	6.0	74.3	76.3	73.0	53.0	57.0	58.3	58.0	61.3
DLFPS 321/3679	TF	7.3	77.3	78.3	76.0	54.7	59.0	61.0	59.0	60.0
DLFPS 321/3677	TF	7.0	77.3	78.7	77.3	57.3	60.3	61.7	60.0	61.3
DLFPS 321/3678	TF	6.7	77.3	78.0	77.0	57.3	61.7	64.3	60.0	61.0
KINGDOM	TF	6.0	77.7	78.3	76.7	58.0	63.3	64.0	62.7	64.3
SUPERSONIC	TF	7.0	75.0	76.7	75.7	50.3	55.3	58.3	61.0	65.7
MRSL TF15	TF	6.3	76.7	76.3	73.7	51.3	54.7	59.3	60.3	63.0
PST-5SDS	TF	6.7	75.7	77.3	75.0	52.7	57.0	60.0	59.0	61.0
THOR	TF	7.0	76.0	79.3	76.3	55.3	58.3	59.7	61.7	63.3
BARROBUSTO	TF	7.0	73.3	77.0	75.0	55.7	57.7	60.7	62.7	63.0
PST-R511	TF	7.0	75.3	78.0	74.0	49.0	54.7	57.0	57.3	61.0
GO-AOMK	TF	6.3	77.0	77.0	75.3	55.0	53.3	54.3	55.0	57.7
STETSON II	TF	7.0	76.0	76.3	75.0	58.3	60.0	62.0	64.3	62.7
THUNDERSTRUCK	TF	5.7	70.7	76.7	72.3	53.7	59.7	59.3	63.7	63.3
LSD VALUE		1.8	5.3	6.1	6.5	18.0	18.9	12.7	14.5	12.8
C.V. (%)		10.1	4.5	3.9	4.2	10.8	9.7	7.6	8.2	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 4C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT COLLEGE PARK, MD 1/
2018 DATA

		TOTAL WATER APPLIED IN MM 2/										
		PERCENT GROUND COVER DURING DRY DOWN										
NAME		7/19	7/23	7/26	7/30	8/2	8/6	8/10	8/13	8/16	8/20	8/23
RS4	TF	58.7	65.7	68.7	64.3	67.0	69.7	62.7	62.3	59.0	63.3	67.0
CATALYST	TF	62.3	64.7	68.0	70.0	70.0	62.7	53.3	61.0	63.0	63.7	66.0
NONET	TF	61.3	65.0	68.3	66.3	67.7	64.3	62.7	64.3	62.3	67.3	63.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		58.7	60.3	70.7	61.7	65.0	65.3	56.0	62.3	63.0	69.3	67.3
LTP-SYN-A3	TF	63.0	66.3	64.3	61.0	63.3	59.0	53.3	62.3	63.7	69.0	67.0
TITANIUM 2LS	TF	58.3	61.3	68.0	65.3	66.3	59.0	55.0	62.0	63.3	66.7	65.3
BAR FA 121095	TF	61.0	66.0	67.7	62.3	64.7	60.7	58.0	62.0	60.7	60.3	64.3
DLFPS 321/3679	TF	60.3	65.3	66.0	65.3	67.7	64.7	64.3	69.0	66.7	65.3	60.3
DLFPS 321/3677	TF	61.7	66.3	66.3	65.0	69.0	63.3	46.7	60.3	61.3	65.3	66.0
DLFPS 321/3678	TF	63.0	68.7	66.3	62.7	64.7	61.0	56.3	61.0	60.7	63.0	67.7
KINGDOM	TF	61.7	65.0	67.0	65.0	67.3	64.3	62.7	64.3	64.7	67.7	65.3
SUPERSONIC	TF	64.7	67.0	67.0	60.3	60.7	62.0	60.7	65.0	63.3	67.3	64.0
MRS� TF15	TF	59.7	63.0	64.3	65.3	66.3	63.0	58.7	60.0	60.0	63.0	64.7
PST-5SDS	TF	62.7	67.0	67.7	67.0	67.3	63.7	58.7	63.7	64.7	65.7	66.3
THOR	TF	61.3	64.7	65.3	65.7	65.3	65.3	62.0	63.3	63.7	68.0	62.7
BARROBUSTO	TF	55.7	62.0	65.3	66.3	65.7	59.3	56.3	61.3	62.0	65.0	63.7
PST-R511	TF	62.0	66.0	66.3	66.0	66.3	65.7	60.0	62.0	57.3	59.3	60.3
GO-AOMK	TF	56.3	61.0	65.0	64.3	66.0	60.3	55.3	54.7	54.0	55.3	60.3
STETSON II	TF	61.0	63.3	62.3	64.3	65.7	64.3	56.7	58.3	57.7	61.3	61.3
THUNDERSTRUCK	TF	58.3	60.7	66.3	61.7	61.7	56.3	51.7	53.7	54.0	57.3	59.3
LSD VALUE		10.6	8.8	8.0	19.8	17.5	21.6	29.1	26.2	21.7	13.9	16.6
C.V. (%)		6.2	5.4	4.4	8.5	7.6	10.2	15.3	12.2	10.9	8.6	8.0

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

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

TABLE 4C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT COLLEGE PARK, MD 1/
2018 DATA

		TOTAL WATER APPLIED IN MM 2/								QUALITY RECOVERY PERIOD	TOTAL WATER APPLIED (MM)
NAME		PERCENT GREEN COVER 8/27	8/30	DURING DRY DOWN 9/4	9/6	QUALITY RATINGS 6/15	6/30	DURING DRY DOWN 7/30	9/11	10/22	
RS4	TF	63.7	61.7	61.3	64.0	7.7	7.3	6.7	6.0	7.3	156.7
CATALYST	TF	65.7	63.3	60.0	61.3	7.3	7.0	7.0	6.0	6.7	165.0
NONET	TF	63.7	60.3	58.7	61.7	7.3	6.7	7.0	6.3	6.0	165.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		58.7	63.3	60.7	66.7	4.0	5.3	6.0	5.7	5.7	165.0
LTP-SYN-A3	TF	62.0	60.0	62.7	64.3	7.0	7.0	6.7	6.0	7.7	165.3
TITANIUM 2LS	TF	63.7	64.0	58.3	62.0	7.7	7.7	7.0	6.0	7.3	169.3
BAR FA 121095	TF	59.7	62.3	65.0	65.0	7.0	7.0	6.7	5.7	6.0	173.7
DLFPS 321/3679	TF	61.3	63.0	66.0	63.7	7.3	7.0	6.7	6.7	6.7	173.7
DLFPS 321/3677	TF	64.7	68.0	59.3	63.3	7.7	7.0	6.7	6.7	6.0	177.7
DLFPS 321/3678	TF	58.3	58.3	54.7	57.7	7.7	7.0	6.3	6.0	7.3	182.0
KINGDOM	TF	61.3	62.3	63.7	67.0	7.3	7.7	7.0	6.0	6.3	182.3
SUPERSONIC	TF	64.0	64.3	61.3	63.7	7.3	7.0	6.3	6.3	6.7	186.7
MRSI TF15	TF	60.0	63.7	63.0	64.3	7.0	7.0	7.0	5.3	5.7	190.3
PST-5SDS	TF	60.7	62.0	57.7	60.3	6.3	7.0	6.3	5.7	6.3	190.7
THOR	TF	59.7	57.3	56.3	58.7	7.0	6.7	6.7	6.0	6.3	194.7
BARROBUSTO	TF	63.0	63.7	63.7	65.7	7.3	7.0	6.7	5.7	6.3	195.0
PST-R511	TF	59.0	62.7	62.0	62.3	7.3	7.3	7.3	6.0	6.0	195.0
GO-AOMK	TF	64.3	66.3	63.0	67.7	7.0	6.7	6.7	5.7	5.7	203.3
STETSON II	TF	61.7	62.3	61.7	60.0	7.3	7.0	7.0	5.3	5.3	207.3
THUNDERSTRUCK	TF	58.7	60.3	60.3	60.7	7.0	6.7	6.3	5.3	4.7	241.3
LSD VALUE		16.4	11.8	6.9	12.1	0.9	1.0	1.4	1.5	1.3	73.7
C.V. (%)		7.8	6.6	5.5	6.9	7.7	7.4	7.6	9.6	11.6	15.6

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 5A.

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT AMHERST, MA 1/
2018 DATA

		TOTAL WATER APPLIED IN MM 2/											
NAME		PRE DROUGHT QUALITY	QUALITY DURING DRY DOWN	QUALITY MEAN	PERCENT GREEN COVER PRE DROUGHT			PERCENT GREEN COVER DURING DRY DOWN					
		6/14	4/5		5/2	5/29	6/13	6/19	6/26	7/3	7/5	7/9	7/10
BAR PP 110358	KB	4.3	5.3	4.8	57.3	93.3	93.3	78.3	81.0	82.0	77.0	46.0	.
BLUE NOTE	KB	4.3	6.0	5.2	67.7	93.0	93.0	86.0	87.3	85.3	81.3	48.0	27
DLFPS 321/3678	TF	6.0	6.3	6.2	71.3	93.7	93.7	90.7	88.7	84.0	81.3	57.0	44
GO-AOMK	TF	5.0	5.7	5.3	66.7	92.3	92.3	89.7	86.7	83.0	79.0	48.0	55
KINGDOM	TF	5.3	6.7	6.0	67.3	93.7	93.7	91.7	89.3	84.7	81.0	81.0	69
RS4	TF	5.7	6.7	6.2	81.3	93.3	93.3	90.0	88.0	84.0	79.0	79.0	.
BARRARI	KB	6.0	5.3	5.7	66.7	94.0	94.0	85.0	84.0	77.3	65.3	43.3	26
BARROBUSTO	TF	5.3	5.7	5.5	73.7	92.3	92.3	90.0	87.0	78.7	68.3	47.7	36
BLUE DEVIL	KB	4.7	4.3	4.5	64.0	94.7	94.7	94.7	91.7	75.0	60.7	39.5	.
CATALYST	TF	5.0	5.3	5.2	74.3	90.3	90.3	88.3	85.0	76.3	62.0	62.0	.
DLFPS 321/3677	TF	5.3	5.7	5.5	76.0	96.0	96.0	92.7	90.3	84.7	74.7	37.3	.
DLFPS 321/3679	TF	5.7	5.3	5.5	77.0	92.7	92.7	90.3	87.3	79.3	68.0	26.3	.
EVEREST	KB	4.7	4.3	4.5	52.7	93.3	93.3	95.3	95.3	86.3	67.0	39.5	.
MRSI TF15	TF	5.7	5.3	5.5	75.0	92.7	92.7	90.7	88.3	75.3	59.7	59.7	.
NONET	TF	5.0	6.3	5.7	68.7	92.0	92.0	90.0	87.0	81.0	76.3	50.0	.
PST-5SDS	TF	4.7	5.3	5.0	73.0	92.7	92.7	91.0	88.3	83.3	75.3	75.3	.
PST-K11-118	KB	5.7	5.3	5.5	72.7	94.3	94.3	89.0	90.0	86.0	72.3	41.7	.
PST-K13-137	KB	4.0	4.3	4.2	64.3	87.3	87.3	89.3	87.7	82.7	70.3	40.7	.
PST-K13-141	KB	5.3	5.3	5.3	80.0	94.3	94.3	93.0	92.0	83.3	65.7	41.7	18
PST-R511	TF	5.3	5.3	5.3	77.0	91.7	91.7	87.3	84.7	70.3	65.7	65.7	66
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.0	5.7	5.8	79.0	94.0	94.0	90.7	84.3	78.3	73.0	66.0	48
STETSON II	TF	5.3	5.7	5.5	71.0	93.0	93.0	90.7	87.0	79.7	72.3	72.3	.
THOR	TF	6.0	6.0	6.0	77.3	94.3	94.3	91.0	89.0	81.7	73.3	73.3	89
THUNDERSTRUCK	TF	5.7	5.7	5.7	71.7	92.7	92.7	91.0	88.3	79.7	70.3	70.3	.
TITANIUM 2LS	TF	5.3	6.0	5.7	70.7	93.7	93.7	92.3	90.3	86.0	78.0	78.0	68
BABE	KB	4.7	5.0	4.8	70.7	92.7	92.7	87.3	88.0	82.0	63.0	50.7	.
BAR FA 121095	TF	5.7	5.0	5.3	55.7	92.7	92.7	90.7	87.0	73.3	62.0	53.7	73
DAUNTLESS	KB	4.7	4.7	4.7	74.7	92.7	92.7	87.3	88.3	80.0	59.3	41.7	.
LTP-SYN-A3	TF	5.3	5.7	5.5	72.7	92.7	92.7	91.0	88.7	74.7	62.0	62.0	.
MIDNIGHT	KB	4.0	4.0	4.0	59.0	91.7	91.7	94.0	93.3	81.0	62.0	39.7	.
NAI-13-132	KB	3.3	3.7	3.5	41.7	83.7	83.7	92.0	92.3	78.3	55.3	35.3	.
NAI-13-14	KB	5.3	5.0	5.2	70.7	94.7	94.7	96.0	95.3	85.0	57.3	48.7	60
PST-K13-143	KB	6.0	4.7	5.3	75.3	92.3	92.3	85.7	83.7	74.7	55.0	46.7	35
PST-K15-169	KB	4.7	3.7	4.2	45.7	89.3	89.3	87.7	86.7	58.0	37.7	60.0	.
SUPERSONIC	TF	5.7	4.3	5.0	77.3	91.3	91.3	89.7	87.0	70.3	49.3	55.0	.
LSD VALUE		1.3	2.2	1.3	16.0	3.7	3.7	3.3	4.0	36.9	60.1	27.1	.
C.V. (%)		13.4	18.5	12.9	13.1	2.3	2.3	2.4	2.8	13.1	25.8	26.5	.

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 5A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT AMHERST, MA 1/
2018 DATA

		TOTAL WATER APPLIED IN MM 2/								TOTAL	
		PERCENT GREEN COVER DURING RECOVERY								WATER	
NAME		7/9	7/18	8/3	8/07	8/10	8/14	8/17	8/23	8/28	APPLIED (MM)
BAR PP 110358	KB	.	53.0	72.7	82.7	69.7	73.7	78.7	89.0	80.7	51.0
BLUE NOTE	KB	.	60.3	83.0	79.0	79.7	82.0	58.3	81.3	89.7	51.0
DLFPS 321/3678	TF	.	60.0	81.3	77.0	81.7	86.0	76.3	73.3	80.3	51.0
GO-AOMK	TF	.	62.0	82.0	73.3	81.7	84.0	71.7	64.3	88.7	51.0
KINGDOM	TF	.	47.7	77.0	75.7	81.7	84.0	66.3	69.3	64.3	51.0
RS4	TF	.	45.7	78.3	85.7	83.3	87.3	87.3	58.0	87.3	51.0
BARRARI	KB	.	56.7	69.7	85.0	57.3	58.3	59.7	83.7	90.7	60.0
BARROBUSTO	TF	.	54.0	77.0	58.7	80.3	84.7	74.7	61.3	63.7	60.0
BLUE DEVIL	KB	22.0	44.0	72.0	82.3	64.3	66.3	69.3	91.3	46.3	60.0
CATALYST	TF	.	53.7	73.7	76.7	77.3	84.3	64.0	73.7	82.7	60.0
DLFPS 321/3677	TF	.	53.7	85.3	83.7	87.0	90.3	88.7	78.7	56.7	60.0
DLFPS 321/3679	TF	.	39.0	80.3	80.0	80.3	86.3	72.7	90.3	70.0	60.0
EVEREST	KB	26.0	39.0	73.7	74.3	69.0	70.0	87.7	82.0	49.7	60.0
MRSI TF15	TF	.	39.7	83.0	80.7	85.3	88.3	87.7	74.0	78.7	60.0
NONET	TF	.	64.7	83.7	75.3	85.0	87.7	87.0	68.0	89.0	60.0
PST-5SDS	TF	.	64.7	85.7	85.3	84.7	89.3	83.7	75.3	74.3	60.0
PST-K11-118	KB	.	55.0	64.7	69.3	56.7	60.3	78.3	88.3	51.7	60.0
PST-K13-137	KB	.	50.0	71.7	86.7	66.3	70.7	82.3	73.7	74.3	60.0
PST-K13-141	KB	.	56.0	73.7	76.3	64.7	64.3	74.0	79.7	58.3	60.0
PST-R511	TF	.	57.7	90.3	77.7	89.7	92.0	84.3	77.7	81.0	60.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)	.	.	72.7	89.3	79.0	86.7	91.0	77.0	86.0	73.3	60.0
STETSON II	TF	.	46.7	74.7	89.0	79.0	84.0	70.0	69.0	83.7	60.0
THOR	TF	.	65.7	87.3	80.3	86.7	89.3	70.7	85.0	83.0	60.0
THUNDERSTRUCK	TF	.	38.3	66.0	81.3	70.0	74.3	68.0	66.3	80.0	60.0
TITANIUM 2LS	TF	.	68.0	88.7	80.3	87.7	89.3	84.3	80.3	63.7	60.0
BABE	KB	.	71.3	77.7	83.7	67.0	67.7	76.0	67.3	69.3	69.0
BAR FA 121095	TF	.	71.3	85.7	76.0	83.3	86.7	69.7	79.3	77.0	69.0
DAUNTLESS	KB	.	51.7	57.3	86.0	42.3	43.0	84.3	85.3	79.0	69.0
LTP-SYN-A3	TF	.	61.7	87.7	73.7	85.3	89.3	83.0	58.3	88.3	69.0
MIDNIGHT	KB	.	58.3	81.7	77.0	75.0	76.7	74.0	84.0	51.0	69.0
NAI-13-132	KB	.	53.3	85.0	70.7	84.0	86.3	87.7	63.3	69.7	69.0
NAI-13-14	KB	.	57.7	79.7	72.0	75.0	77.0	66.7	78.0	79.3	69.0
PST-K13-143	KB	.	56.7	71.7	64.3	69.0	71.3	84.3	66.7	66.3	69.0
PST-K15-169	KB	13.5	37.0	56.0	67.7	52.3	55.0	90.0	56.3	72.7	69.0
SUPERSONIC	TF	19.0	74.3	90.7	85.3	88.0	91.3	88.0	92.3	87.0	78.0
CV	.	.	29.4	11.6	15.4	10.8	9.2	19.0	24.7	26.6	19.2
LSD	.	.	49.0	16.6	42.3	12.9	11.1	46.6	67.7	57.8	41.1

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 5B.

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT AMHERST, MA 1/
2018 DATA

		TOTAL WATER APPLIED IN MM 2/											
		PRE DROUGHT QUALITY	QUALITY DURING DRY DOWN	QUALITY MEAN	GREEN COVER	PERCENT PRE DROUGHT	PERCENT GREEN COVER DURING DRY DOWN						
NAME		6/14	4/5	MEAN	5/2	5/29	6/13	6/19	6/26	7/3	7/5	7/9	7/10
BAR PP 110358	KB	4.3	5.3	4.8	57.3	93.3	93.3	78.3	81.0	82.0	77.0	46.0	.
BLUE NOTE	KB	4.3	6.0	5.2	67.7	93.0	93.0	86.0	87.3	85.3	81.3	48.0	27
BARRARI	KB	6.0	5.3	5.7	66.7	94.0	94.0	85.0	84.0	77.3	65.3	43.3	26
BLUE DEVIL	KB	4.7	4.3	4.5	64.0	94.7	94.7	94.7	91.7	75.0	60.7	39.5	.
EVEREST	KB	4.7	4.3	4.5	52.7	93.3	93.3	95.3	95.3	86.3	67.0	39.5	.
PST-K11-118	KB	5.7	5.3	5.5	72.7	94.3	94.3	89.0	90.0	86.0	72.3	41.7	.
PST-K13-137	KB	4.0	4.3	4.2	64.3	87.3	87.3	89.3	87.7	82.7	70.3	40.7	.
PST-K13-141	KB	5.3	5.3	5.3	80.0	94.3	94.3	93.0	92.0	83.3	65.7	41.7	18
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.0	5.7	5.8	79.0	94.0	94.0	90.7	84.3	78.3	73.0	66.0	48
BABE	KB	4.7	5.0	4.8	70.7	92.7	92.7	87.3	88.0	82.0	63.0	50.7	.
DAUNTLESS	KB	4.7	4.7	4.7	74.7	92.7	92.7	87.3	88.3	80.0	59.3	41.7	.
MIDNIGHT	KB	4.0	4.0	4.0	59.0	91.7	91.7	94.0	93.3	81.0	62.0	39.7	.
NAI-13-132	KB	3.3	3.7	3.5	41.7	83.7	83.7	92.0	92.3	78.3	55.3	35.3	.
NAI-13-14	KB	5.3	5.0	5.2	70.7	94.7	94.7	96.0	95.3	85.0	57.3	48.7	60
PST-K13-143	KB	6.0	4.7	5.3	75.3	92.3	92.3	85.7	83.7	74.7	55.0	46.7	35
PST-K15-169	KB	4.7	3.7	4.2	45.7	89.3	89.3	87.7	86.7	58.0	37.7	60.0	.
LSD VALUE		1.3	2.2	1.4	20.7	4.6	4.6	4.0	4.7	35.3	56.4	38.9	.
C.V. (%)		14.8	19.5	14.4	17.0	2.8	2.8	2.8	3.3	15.3	29.9	28.0	.

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 5B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT AMHERST, MA 1/
2018 DATA

		TOTAL WATER APPLIED IN MM 2/									TOTAL WATER APPLIED (MM)
		PERCENT GREEN COVER DURING RECOVERY									
NAME		7/9	7/18	8/3	8/07	8/10	8/14	8/17	8/23	8/28	
BAR PP 110358	KB	.	53.0	72.7	82.7	69.7	73.7	78.7	89.0	80.7	51.0
BLUE NOTE	KB	.	60.3	83.0	79.0	79.7	82.0	58.3	81.3	89.7	51.0
BARRARI	KB	.	56.7	69.7	85.0	57.3	58.3	59.7	83.7	90.7	60.0
BLUE DEVIL	KB	22.0	44.0	72.0	82.3	64.3	66.3	69.3	91.3	46.3	60.0
EVEREST	KB	26.0	39.0	73.7	74.3	69.0	70.0	87.7	82.0	49.7	60.0
PST-K11-118	KB	.	55.0	64.7	69.3	56.7	60.3	78.3	88.3	51.7	60.0
PST-K13-137	KB	.	50.0	71.7	86.7	66.3	70.7	82.3	73.7	74.3	60.0
PST-K13-141	KB	.	56.0	73.7	76.3	64.7	64.3	74.0	79.7	58.3	60.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)	.	.	72.7	89.3	79.0	86.7	91.0	77.0	86.0	73.3	60.0
BABE	KB	.	71.3	77.7	83.7	67.0	67.7	76.0	67.3	69.3	69.0
DAUNTLESS	KB	.	51.7	57.3	86.0	42.3	43.0	84.3	85.3	79.0	69.0
MIDNIGHT	KB	.	58.3	81.7	77.0	75.0	76.7	74.0	84.0	51.0	69.0
NAI-13-132	KB	.	53.3	85.0	70.7	84.0	86.3	87.7	63.3	69.7	69.0
NAI-13-14	KB	.	57.7	79.7	72.0	75.0	77.0	66.7	78.0	79.3	69.0
PST-K13-143	KB	.	56.7	71.7	64.3	69.0	71.3	84.3	66.7	66.3	69.0
PST-K15-169	KB	13.5	37.0	56.0	67.7	52.3	55.0	90.0	56.3	72.7	69.0
LSD VALUE		.	30.6	16.7	30.4	17.0	15.5	36.8	43.9	54.2	29.8
C.V. (%)		.	23.8	12.1	14.6	14.5	13.2	18.7	20.8	30.6	17.0

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

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

TABLE 5C.

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT AMHERST, MA 1/
2018 DATA

		TOTAL WATER APPLIED IN MM 2/											
NAME		PRE DROUGHT QUALITY	QUALITY DURING DRY DOWN	QUALITY MEAN	GREEN COVER	PERCENT PRE DROUGHT	PERCENT GREEN COVER	DURING DRY	DOWN	7/9	7/10		
		6/14	4/5	5/2	5/29	6/13	6/19	6/26	7/3	7/5	7/9	7/10	
DLFPS 321/3678	TF	6.0	6.3	6.2	71.3	93.7	93.7	90.7	88.7	84.0	81.3	57.0	44
GO-AOMK	TF	5.0	5.7	5.3	66.7	92.3	92.3	89.7	86.7	83.0	79.0	48.0	55
KINGDOM	TF	5.3	6.7	6.0	67.3	93.7	93.7	91.7	89.3	84.7	81.0	81.0	69
RS4	TF	5.7	6.7	6.2	81.3	93.3	93.3	90.0	88.0	84.0	79.0	79.0	.
BARROBUSTO	TF	5.3	5.7	5.5	73.7	92.3	92.3	90.0	87.0	78.7	68.3	47.7	36
CATALYST	TF	5.0	5.3	5.2	74.3	90.3	90.3	88.3	85.0	76.3	62.0	62.0	.
DLFPS 321/3677	TF	5.3	5.7	5.5	76.0	96.0	96.0	92.7	90.3	84.7	74.7	37.3	.
DLFPS 321/3679	TF	5.7	5.3	5.5	77.0	92.7	92.7	90.3	87.3	79.3	68.0	26.3	.
MRSI TF15	TF	5.7	5.3	5.5	75.0	92.7	92.7	90.7	88.3	75.3	59.7	59.7	.
NONET	TF	5.0	6.3	5.7	68.7	92.0	92.0	90.0	87.0	81.0	76.3	50.0	.
PST-5SDS	TF	4.7	5.3	5.0	73.0	92.7	92.7	91.0	88.3	83.3	75.3	75.3	.
PST-R511	TF	5.3	5.3	5.3	77.0	91.7	91.7	87.3	84.7	70.3	65.7	65.7	66
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.0	5.7	5.8	79.0	94.0	94.0	90.7	84.3	78.3	73.0	66.0	48
STETSON II	TF	5.3	5.7	5.5	71.0	93.0	93.0	90.7	87.0	79.7	72.3	72.3	.
THOR	TF	6.0	6.0	6.0	77.3	94.3	94.3	91.0	89.0	81.7	73.3	73.3	89
THUNDERSTRUCK	TF	5.7	5.7	5.7	71.7	92.7	92.7	91.0	88.3	79.7	70.3	70.3	.
TITANIUM 2LS	TF	5.3	6.0	5.7	70.7	93.7	93.7	92.3	90.3	86.0	78.0	78.0	68
BAR FA 121095	TF	5.7	5.0	5.3	55.7	92.7	92.7	90.7	87.0	73.3	62.0	53.7	73
LTP-SYN-A3	TF	5.3	5.7	5.5	72.7	92.7	92.7	91.0	88.7	74.7	62.0	62.0	.
SUPERSONIC	TF	5.7	4.3	5.0	77.3	91.3	91.3	89.7	87.0	70.3	49.3	55.0	.
LSD VALUE		2.0	2.3	1.6	13.8	3.7	3.7	3.5	3.8	26.4	42.4	27.9	.
C.V. (%)		11.9	15.0	9.9	9.1	1.7	1.7	1.7	2.2	10.8	20.4	24.0	.

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 5C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT AMHERST, MA 1/
2018 DATA

TOTAL WATER APPLIED IN MM 2/

PERCENT GREEN COVER DURING RECOVERY											TOTAL WATER APPLIED (MM)
NAME		7/9	7/18	8/3	8/07	8/10	8/14	8/17	8/23	8/28	
DLFPS 321/3678	TF	.	60.0	81.3	77.0	81.7	86.0	76.3	73.3	80.3	51.0
GO-AOMK	TF	.	62.0	82.0	73.3	81.7	84.0	71.7	64.3	88.7	51.0
KINGDOM	TF	.	47.7	77.0	75.7	81.7	84.0	66.3	69.3	64.3	51.0
RS4	TF	.	45.7	78.3	85.7	83.3	87.3	87.3	58.0	87.3	51.0
BARROBUSTO	TF	.	54.0	77.0	58.7	80.3	84.7	74.7	61.3	63.7	60.0
CATALYST	TF	.	53.7	73.7	76.7	77.3	84.3	64.0	73.7	82.7	60.0
DLFPS 321/3677	TF	.	53.7	85.3	83.7	87.0	90.3	88.7	78.7	56.7	60.0
DLFPS 321/3679	TF	.	39.0	80.3	80.0	80.3	86.3	72.7	90.3	70.0	60.0
MRSI TF15	TF	.	39.7	83.0	80.7	85.3	88.3	87.7	74.0	78.7	60.0
NONET	TF	.	64.7	83.7	75.3	85.0	87.7	87.0	68.0	89.0	60.0
PST-5SDS	TF	.	64.7	85.7	85.3	84.7	89.3	83.7	75.3	74.3	60.0
PST-R511	TF	.	57.7	90.3	77.7	89.7	92.0	84.3	77.7	81.0	60.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)	.	.	72.7	89.3	79.0	86.7	91.0	77.0	86.0	73.3	60.0
STETSON II	TF	.	46.7	74.7	89.0	79.0	84.0	70.0	69.0	83.7	60.0
THOR	TF	.	65.7	87.3	80.3	86.7	89.3	70.7	85.0	83.0	60.0
THUNDERSTRUCK	TF	.	38.3	66.0	81.3	70.0	74.3	68.0	66.3	80.0	60.0
TITANIUM 2LS	TF	.	68.0	88.7	80.3	87.7	89.3	84.3	80.3	63.7	60.0
BAR FA 121095	TF	.	71.3	85.7	76.0	83.3	86.7	69.7	79.3	77.0	69.0
LTP-SYN-A3	TF	.	61.7	87.7	73.7	85.3	89.3	83.0	58.3	88.3	69.0
SUPERSONIC	TF	19	74.3	90.7	85.3	88.0	91.3	88.0	92.3	87.0	78.0
LSD VALUE	.	.	51.7	21.9	40.9	16.3	11.4	49.5	67.8	52.6	35.0
C.V. (%)	.	.	32.2	10.9	16.0	7.8	5.8	20.1	27.4	22.2	19.3

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

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

TABLE 6A.

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2018 DATA

		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/										
NAME		GENETIC	QUALITY RATINGS DURING DRY DOWN									
		COLOR	5/31	6/7	6/14	6/21	6/28	7/5	7/12	7/19	7/26	8/2
DLFPS 321/3678	TF	8.3	5.3	5.7	5.3	5.3	5.0	5.3	5.0	5.7	5.7	4.7
DLFPS 321/3679	TF	7.3	5.7	5.7	5.3	5.3	5.3	5.3	5.0	5.3	5.3	5.0
SUPERSONIC	TF	8.3	5.3	5.7	5.3	5.3	5.3	5.3	4.7	4.7	4.7	4.3
GO-AOMK	TF	8.7	5.7	5.7	5.0	5.3	5.3	5.3	4.3	5.0	5.0	4.7
PST-5SDS	TF	8.7	5.3	5.7	5.3	5.0	5.0	5.3	4.7	5.3	5.3	5.0
BAR FA 121095	TF	8.0	5.0	5.3	5.3	5.0	5.0	5.0	4.3	5.0	5.0	4.7
BARRARI	KB	8.0	5.0	5.3	4.3	5.0	4.7	4.7	4.3	4.3	4.3	4.7
KINGDOM	TF	8.3	5.0	5.7	5.3	4.7	5.0	5.0	4.7	4.7	4.7	4.3
LTP-SYN-A3	TF	7.7	4.7	5.3	5.3	4.7	4.7	5.0	4.3	5.0	5.0	4.7
MIDNIGHT	KB	7.7	4.0	5.3	5.0	4.7	4.7	5.0	4.3	4.7	4.7	4.3
MRSI TF15	TF	7.7	5.0	5.3	5.0	5.0	5.0	5.0	4.3	5.0	5.0	4.0
PST-K11-118	KB	8.0	5.0	5.3	5.0	4.7	4.7	5.0	4.3	4.3	4.3	4.7
BLUE DEVIL	KB	8.0	5.0	5.0	5.0	4.7	4.3	4.7	4.0	4.7	4.7	4.3
DAUNTLESS	KB	8.3	5.0	5.3	5.0	4.3	4.7	5.3	3.7	4.3	4.3	4.3
NAI-13-14	KB	7.7	5.0	5.0	5.0	5.0	4.7	4.0	4.3	4.3	4.3	4.7
NONET	TF	8.0	5.3	5.7	4.7	4.0	4.3	4.3	4.3	4.7	4.7	4.3
PST-K13-141	KB	8.0	5.0	5.0	5.0	4.7	4.7	4.7	4.0	4.3	4.3	4.3
BARROBUSTO	TF	7.7	5.0	5.7	5.0	5.0	5.0	4.7	4.3	3.7	3.7	4.7
CATALYST	TF	9.0	4.3	5.0	5.0	4.7	5.0	4.7	4.7	5.0	5.0	3.7
DLFPS 321/3677	TF	6.7	5.3	5.0	5.0	5.0	4.7	5.0	3.7	4.3	4.3	4.0
PST-K13-137	KB	6.3	4.3	4.7	4.3	4.3	4.3	4.7	4.3	4.3	4.3	4.3
STETSON II	TF	8.0	4.3	5.0	5.3	4.3	5.0	4.7	4.3	4.7	4.7	4.0
THOR	TF	8.3	5.0	5.0	5.0	5.3	5.3	5.0	4.0	4.0	4.0	4.0
BLUE NOTE	KB	7.7	4.7	5.0	4.3	4.7	4.3	3.3	4.0	4.3	4.3	4.0
PST-K13-143	KB	7.3	4.3	4.7	4.7	3.3	4.0	4.7	4.3	4.0	4.0	4.0
PST-R511	TF	6.7	4.0	5.0	4.7	4.7	5.0	5.0	4.0	4.3	4.3	4.0
BABE	KB	7.0	4.3	5.3	5.0	4.7	4.7	4.0	3.3	4.0	4.0	4.0
BAR PP 110358	KB	7.7	5.7	5.0	4.7	4.7	4.7	4.7	4.0	3.7	3.7	4.0
EVEREST	KB	8.0	4.3	5.3	4.3	4.3	4.3	4.7	4.0	4.3	4.3	3.7
PST-K15-169	KB	7.7	4.3	4.7	4.3	4.3	4.3	4.3	3.7	4.0	4.0	4.0
RS4	TF	8.3	5.3	4.7	5.0	4.7	4.0	4.7	4.3	4.3	4.3	4.0
NAI-13-132	KB	8.0	4.7	4.3	4.3	4.3	3.7	4.0	3.7	4.0	4.0	3.7
THUNDERSTRUCK	TF	7.7	4.7	4.7	4.7	4.7	4.3	4.3	3.0	4.7	4.7	3.7
TITANIUM 2LS	TF	7.0	5.0	4.7	4.3	4.7	4.3	4.3	3.7	4.3	4.3	3.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		8.0	4.0	5.3	4.0	4.0	4.3	4.0	4.0	3.7	3.7	3.0
LSD VALUE		3.8	1.6	1.6	1.0	1.7	2.6	2.2	3.8	2.3	2.3	1.4
C.V. (%)		13.6	13.4	11.1	9.7	13.3	15.6	15.8	22.0	16.9	16.9	13.8

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

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

TABLE 6A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2018 DATA

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

		QUALITY RATINGS DURING DRY DOWN						QUALITY RATINGS DURING RECOVERY PERIOD				MEAN
NAME		8/9	8/23	8/30	9/6	9/13	9/20	9/27	10/4	11/2	12/3	
DLFPS 321/3678	TF	4.0	3.0	3.3	4.3	4.7	4.3	3.3	4.7	5.7	6.0	4.9
DLFPS 321/3679	TF	4.0	3.3	3.0	4.3	4.3	4.0	3.0	4.7	6.3	6.3	4.9
SUPERSONIC	TF	4.0	4.0	4.3	4.3	4.7	4.3	3.3	4.7	5.3	6.0	4.9
GO-AOMK	TF	4.0	3.0	3.3	4.3	4.3	4.0	3.3	4.3	6.0	6.0	4.8
PST-5SDS	TF	4.0	3.3	3.0	4.0	4.7	4.0	3.3	4.0	5.7	6.3	4.8
BAR FA 121095	TF	4.0	2.3	3.0	4.0	4.3	4.0	3.0	4.3	5.7	6.0	4.6
BARRARI	KB	4.0	3.0	3.7	4.3	4.3	4.0	3.0	4.7	5.7	6.7	4.6
KINGDOM	TF	4.0	3.3	3.0	4.0	4.7	4.3	3.3	4.0	5.7	6.0	4.6
LTP-SYN-A3	TF	4.0	3.3	3.7	4.0	4.3	4.0	3.0	4.0	5.3	6.0	4.6
MIDNIGHT	KB	4.0	3.0	3.7	4.3	4.3	4.0	3.0	4.7	5.7	6.3	4.6
MRSI TF15	TF	4.0	3.0	3.3	4.0	4.0	4.0	3.0	4.7	5.7	6.3	4.6
PST-K11-118	KB	4.0	3.3	4.0	4.3	4.3	4.0	3.0	4.7	5.7	6.3	4.6
BLUE DEVIL	KB	4.0	3.0	3.3	4.3	4.3	4.0	3.0	4.0	5.3	6.0	4.5
DAUNTLESS	KB	4.0	3.0	4.0	4.3	4.7	4.0	3.0	4.0	5.3	6.3	4.5
NAI-13-14	KB	4.0	3.3	3.3	4.0	4.0	4.0	3.0	5.0	5.7	6.3	4.5
NONET	TF	4.0	3.0	3.7	4.3	4.7	4.0	3.0	4.0	5.3	5.7	4.5
PST-K13-141	KB	4.0	3.0	3.3	4.7	4.3	4.0	3.0	4.3	5.3	5.7	4.5
BARROBUSTO	TF	4.0	2.7	2.7	4.0	4.3	3.7	3.0	4.0	5.3	5.7	4.4
CATALYST	TF	4.0	2.3	3.0	4.0	4.0	4.0	3.0	4.0	5.7	6.0	4.4
DLFPS 321/3677	TF	4.0	2.7	2.7	4.0	4.3	4.3	3.3	4.0	5.0	5.7	4.4
PST-K13-137	KB	4.0	3.0	3.7	4.3	4.3	4.0	3.0	4.3	5.3	6.0	4.4
STETSON II	TF	3.7	3.0	3.3	3.7	4.0	4.0	3.0	3.7	5.3	5.7	4.4
THOR	TF	4.0	2.7	3.3	3.7	4.0	4.0	3.0	4.0	5.0	5.3	4.4
BLUE NOTE	KB	4.0	3.3	3.7	4.0	4.0	3.7	3.0	4.3	5.3	5.7	4.3
PST-K13-143	KB	4.0	3.3	3.7	4.3	4.3	4.0	3.0	4.3	5.3	6.0	4.3
PST-R511	TF	3.0	3.0	3.0	4.3	4.3	4.0	3.3	3.7	5.0	6.0	4.3
BABE	KB	3.7	2.7	3.3	3.7	3.7	3.7	3.0	4.0	5.3	6.0	4.2
BAR PP 110358	KB	4.0	2.7	2.7	3.7	3.7	3.7	3.0	3.7	5.3	6.0	4.2
EVEREST	KB	3.7	3.3	3.3	4.0	4.0	4.0	3.0	3.7	5.0	5.7	4.2
PST-K15-169	KB	3.7	3.0	3.7	4.0	4.3	4.0	3.0	4.3	5.0	5.0	4.2
RS4	TF	3.7	2.3	3.3	4.0	4.0	4.0	3.0	4.0	5.0	5.0	4.2
NAI-13-132	KB	4.0	3.0	3.0	3.7	4.0	3.7	3.0	4.0	5.3	5.7	4.1
THUNDERSTRUCK	TF	3.7	2.3	3.0	3.3	4.0	4.0	3.0	4.3	5.0	5.3	4.1
TITANIUM 2LS	TF	3.7	2.7	2.7	4.0	4.0	4.0	3.0	3.7	4.7	5.3	4.1
SR 4650 (P.RYEGRASS STANDARD ENTRY)		3.0	2.7	3.7	3.7	4.3	4.0	3.0	3.7	5.0	5.0	3.9
LSD VALUE		0.5	2.5	1.7	2.0	2.2	1.0	0.9	1.4	2.8	2.1	1.1
C.V. (%)		6.7	22.8	18.1	13.3	13.1	7.4	8.2	12.8	12.9	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.

TABLE 6A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2018 DATA

		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/											
		PRE DROUGHT PERCENT COVER		PERCENT GREEN COVER DURING DRY DOWN									
NAME		1/8	5/9	5/31	6/7	6/14	6/21	6/28	7/5	7/12	7/19	7/26	8/2
DLFPS 321/3678	TF	84.0	90.3	88.7	92.3	93.3	94.7	94.7	89.3	82.7	62.3	15.3	41.3
DLFPS 321/3679	TF	84.0	92.7	94.3	96.0	95.7	97.3	96.7	92.3	90.0	74.3	24.3	48.0
SUPERSONIC	TF	79.7	89.7	91.0	93.3	92.3	94.0	93.3	85.3	71.7	50.0	13.0	31.3
GO-AOMK	TF	84.7	90.0	89.7	91.7	92.3	94.3	93.3	82.7	74.0	55.7	18.0	43.3
PST-5SDS	TF	85.3	93.7	95.0	94.3	93.7	95.3	94.3	87.3	80.0	56.3	15.7	41.0
BAR FA 121095	TF	79.7	91.3	90.3	92.7	93.0	94.7	93.3	86.0	77.0	57.7	17.7	35.0
BARRARI	KB	82.7	93.3	89.3	92.0	86.0	87.0	85.3	68.3	53.0	36.0	8.3	13.7
KINGDOM	TF	81.3	91.7	93.7	93.7	92.0	93.3	92.3	82.7	71.7	55.0	17.7	31.7
LTP-SYN-A3	TF	83.3	91.3	91.0	93.3	94.3	96.3	95.3	89.3	76.0	53.7	14.3	39.0
MIDNIGHT	KB	83.3	88.0	86.7	88.0	84.3	86.0	89.0	80.3	75.3	59.0	18.3	36.0
MRS� TF15	TF	85.3	90.7	90.7	93.3	93.3	95.0	94.3	88.0	80.7	61.7	20.3	50.7
PST-K11-118	KB	82.3	94.3	92.3	93.0	90.0	89.0	88.3	76.0	65.7	50.0	12.7	25.7
BLUE DEVIL	KB	86.7	89.0	91.0	91.0	88.7	90.7	88.0	72.7	61.0	41.0	8.3	23.0
DAUNTLESS	KB	81.0	91.3	89.0	89.0	84.3	87.7	79.0	65.7	65.7	40.0	10.0	22.3
NAI-13-14	KB	91.7	89.7	91.3	92.7	90.3	90.3	90.3	76.7	68.3	50.3	11.3	28.7
NONET	TF	76.0	90.0	89.7	87.3	84.7	88.0	82.3	67.3	54.7	40.0	11.0	32.7
PST-K13-141	KB	78.3	91.3	90.7	91.0	87.7	88.3	85.3	72.7	68.7	50.0	14.0	35.7
BARROBUSTO	TF	84.0	89.3	90.0	91.7	89.0	91.0	89.3	77.3	63.0	46.0	13.3	36.3
CATALYST	TF	75.0	90.0	92.3	89.7	91.7	93.7	92.7	85.7	76.7	60.3	16.0	41.0
DLFPS 321/3677	TF	81.7	92.3	92.7	93.3	91.0	92.0	89.7	77.7	61.3	40.0	12.0	22.3
PST-K13-137	KB	87.3	79.0	81.7	84.7	84.7	86.3	85.3	74.0	68.3	46.0	10.3	26.3
STETSON II	TF	81.3	86.7	86.3	87.3	85.3	89.0	87.7	78.0	71.7	57.0	16.0	32.7
THOR	TF	79.0	88.7	89.7	85.3	81.3	82.0	82.0	71.0	56.3	37.3	9.7	19.0
BLUE NOTE	KB	80.7	87.3	88.3	90.0	87.0	86.7	85.7	68.7	54.3	35.0	5.7	20.7
PST-K13-143	KB	80.3	87.3	82.7	84.7	82.0	85.7	84.0	72.3	64.0	44.7	14.3	19.7
PST-R511	TF	62.0	85.0	87.3	90.7	87.7	93.3	91.0	80.3	71.7	51.0	14.0	32.7
BABE	KB	74.0	79.0	81.3	84.3	81.7	82.7	79.7	61.3	45.3	29.3	6.0	17.7
BAR PP 110358	KB	86.0	90.3	90.3	89.7	84.3	83.7	79.0	62.0	54.0	39.3	6.7	21.3
EVEREST	KB	78.0	84.7	84.7	83.0	77.3	76.3	80.3	70.7	57.0	37.7	8.3	20.0
PST-K15-169	KB	74.7	89.7	86.3	80.0	78.3	81.0	84.3	76.0	63.3	44.0	11.0	29.3
RS4	TF	78.7	92.7	92.3	83.0	84.7	85.7	88.0	79.3	63.3	40.3	8.0	15.7
NAI-13-132	KB	85.3	83.3	88.3	88.3	84.0	82.3	84.0	66.7	53.3	38.3	7.7	19.7
THUNDERSTRUCK	TF	72.7	83.3	83.3	78.0	75.7	80.7	81.3	74.7	59.3	39.3	10.0	29.0
TITANIUM 2LS	TF	69.7	91.3	93.3	93.0	85.7	85.7	85.7	72.0	59.3	46.7	11.0	30.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		68.0	83.0	78.7	79.3	79.0	83.3	81.3	66.7	66.7	53.3	21.7	35.3
LSD VALUE		19.9	12.9	8.3	22.5	25.0	28.9	19.4	29.7	54.9	56.6	11.8	22.6
C.V. (%)		10.2	5.9	4.8	8.3	9.6	10.0	8.5	15.2	25.3	35.2	43.0	37.0

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

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

TABLE 6A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2018 DATA

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

NAME		8/9	8/16	PERCENT GREEN COVER DURING DRY DOWN					9/27	10/4	PERCENT COVER DURING RECOVERY PERIOD	
				8/23	8/30	9/6	9/13	9/20			11/2	12/3
DLFPS 321/3678	TF	32.0	28.7	25.0	24.3	33.7	30.0	9.7	24.3	46.0	61.0	62.3
DLFPS 321/3679	TF	38.7	32.7	30.3	23.0	32.3	22.3	5.0	16.0	49.3	61.0	62.3
SUPERSONIC	TF	30.7	30.0	28.7	28.0	36.7	32.0	8.7	20.3	39.0	60.3	62.0
GO-AOMK	TF	35.0	34.3	29.3	24.7	36.7	27.7	6.3	22.3	49.7	61.7	60.7
PST-5SDS	TF	31.3	30.0	27.7	23.7	33.3	27.0	11.0	18.0	45.7	62.0	62.7
BAR FA 121095	TF	27.3	27.3	25.0	18.7	30.0	22.7	7.7	18.7	46.0	62.7	60.0
BARRARI	KB	16.3	20.7	16.7	17.3	29.7	27.7	10.0	16.0	46.3	62.3	57.0
KINGDOM	TF	24.0	20.7	22.7	22.7	34.7	24.7	9.3	16.3	49.3	58.7	58.7
LTP-SYN-A3	TF	32.3	30.0	26.0	23.0	32.3	25.3	12.3	17.3	45.3	62.3	65.0
MIDNIGHT	KB	30.3	29.3	27.3	23.0	31.3	30.7	11.0	23.0	50.7	57.7	58.3
MRSI TF15	TF	36.7	31.0	26.0	22.0	33.7	29.0	10.0	19.7	56.0	56.3	58.7
PST-K11-118	KB	26.0	24.0	22.3	19.0	31.3	29.3	14.0	19.7	50.3	62.7	62.3
BLUE DEVIL	KB	28.0	31.3	28.0	24.7	31.0	26.0	6.3	17.7	52.7	55.0	53.3
DAUNTLESS	KB	20.7	24.0	20.3	25.0	31.7	27.7	11.0	17.3	36.3	62.7	58.7
NAI-13-14	KB	27.7	29.0	24.7	22.0	33.3	32.3	11.0	17.7	56.3	55.3	55.0
NONET	TF	33.3	34.0	27.0	23.7	33.3	28.3	7.3	23.3	35.7	65.0	65.7
PST-K13-141	KB	29.7	30.7	24.0	21.0	31.7	25.3	8.0	21.3	41.7	69.3	61.3
BARROBUSTO	TF	34.7	31.0	23.7	19.7	30.0	21.3	4.3	16.3	41.7	64.0	66.7
CATALYST	TF	28.0	24.0	21.0	18.7	32.3	24.7	6.7	20.7	44.7	63.7	65.7
DLFPS 321/3677	TF	24.0	22.3	19.7	16.3	29.0	22.0	6.7	16.3	38.7	64.0	66.0
PST-K13-137	KB	26.7	29.7	26.0	20.3	30.7	25.7	5.7	15.3	46.3	50.0	46.7
STETSON II	TF	27.7	25.3	22.7	18.7	27.0	18.3	4.3	16.3	29.7	66.7	68.3
THOR	TF	19.3	18.3	17.3	16.3	27.7	19.0	5.7	15.3	30.3	55.7	63.0
BLUE NOTE	KB	25.7	29.3	24.7	19.7	29.7	24.0	6.3	11.3	37.3	71.7	62.0
PST-K13-143	KB	19.7	21.7	18.7	15.0	30.3	24.7	8.3	24.0	40.7	58.0	50.0
PST-R511	TF	28.3	26.3	24.3	17.3	29.3	21.0	6.3	30.0	39.0	71.0	73.7
BABE	KB	18.0	17.3	15.7	18.3	28.0	22.0	8.0	18.3	31.3	56.3	62.3
BAR PP 110358	KB	21.0	23.3	16.7	14.7	25.0	23.0	10.0	19.0	39.7	56.0	64.0
EVEREST	KB	26.0	25.0	23.0	21.0	28.7	24.0	6.7	15.7	33.7	53.3	55.3
PST-K15-169	KB	32.0	26.3	23.3	17.7	26.3	21.0	6.0	18.3	34.0	62.0	60.3
RS4	TF	16.7	13.7	14.0	13.3	26.3	20.7	9.3	13.3	31.3	62.7	67.0
NAI-13-132	KB	24.7	24.0	20.7	17.7	23.3	22.3	4.3	10.3	30.3	52.7	57.0
THUNDERSTRUCK	TF	24.7	21.3	18.3	16.3	28.0	23.3	9.0	11.7	32.7	62.3	62.0
TITANIUM 2LS	TF	19.7	16.7	14.7	12.7	21.0	16.3	3.7	15.0	29.3	59.3	65.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		27.3	23.0	19.7	13.7	21.7	17.7	3.7	24.3	30.7	66.3	70.7
LSD VALUE		23.6	23.0	25.6	25.6	38.0	27.8	12.1	36.4	52.0	10.1	9.3
C.V. (%)		31.6	30.6	33.3	35.4	28.9	30.7	52.2	48.0	35.5	8.8	8.6

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

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

TABLE 6B.

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2018 DATA

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

NAME		GENETIC COLOR	5/31	6/7	6/14	6/21	6/28	7/5	7/12	7/19	7/26	8/2
BARRARI	KB	8.0	5.0	5.3	4.3	5.0	4.7	4.7	4.3	4.3	4.3	4.7
MIDNIGHT	KB	7.7	4.0	5.3	5.0	4.7	4.7	5.0	4.3	4.7	4.7	4.3
PST-K11-118	KB	8.0	5.0	5.3	5.0	4.7	4.7	5.0	4.3	4.3	4.3	4.7
BLUE DEVIL	KB	8.0	5.0	5.0	5.0	4.7	4.3	4.7	4.0	4.7	4.7	4.3
DAUNTLESS	KB	8.3	5.0	5.3	5.0	4.3	4.7	5.3	3.7	4.3	4.3	4.3
NAI-13-14	KB	7.7	5.0	5.0	5.0	5.0	4.7	4.0	4.3	4.3	4.3	4.7
PST-K13-141	KB	8.0	5.0	5.0	5.0	4.7	4.7	4.7	4.0	4.3	4.3	4.3
PST-K13-137	KB	6.3	4.3	4.7	4.3	4.3	4.3	4.7	4.3	4.3	4.3	4.3
BLUE NOTE	KB	7.7	4.7	5.0	4.3	4.7	4.3	3.3	4.0	4.3	4.3	4.0
PST-K13-143	KB	7.3	4.3	4.7	4.7	3.3	4.0	4.7	4.3	4.0	4.0	4.0
BABE	KB	7.0	4.3	5.3	5.0	4.7	4.7	4.0	3.3	4.0	4.0	4.0
BAR PP 110358	KB	7.7	5.7	5.0	4.7	4.7	4.7	4.7	4.0	3.7	3.7	4.0
EVEREST	KB	8.0	4.3	5.3	4.3	4.3	4.3	4.7	4.0	4.3	4.3	3.7
PST-K15-169	KB	7.7	4.3	4.7	4.3	4.3	4.3	4.3	3.7	4.0	4.0	4.0
NAI-13-132	KB	8.0	4.7	4.3	4.3	4.3	3.7	4.0	3.7	4.0	4.0	3.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		8.0	4.0	5.3	4.0	4.0	4.3	4.0	4.0	3.7	3.7	3.0
LSD VALUE		3.8	2.0	1.7	1.1	2.2	2.0	2.4	3.3	1.8	1.8	1.6
C.V. (%)		15.0	15.7	11.5	10.1	16.6	14.0	19.0	23.3	14.0	14.0	15.7

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

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

TABLE 6B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2018 DATA

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

NAME		8/9	QUALITY RATINGS DURING DRY DOWN					9/27	QUALITY RATINGS DURING RECOVERY PERIOD			MEAN
			8/23	8/30	9/6	9/13	9/20		10/4	11/2	12/3	
BARRARI	KB	4.0	3.0	3.7	4.3	4.3	4.0	3	4.7	5.7	6.7	4.6
MIDNIGHT	KB	4.0	3.0	3.7	4.3	4.3	4.0	3	4.7	5.7	6.3	4.6
PST-K11-118	KB	4.0	3.3	4.0	4.3	4.3	4.0	3	4.7	5.7	6.3	4.6
BLUE DEVIL	KB	4.0	3.0	3.3	4.3	4.3	4.0	3	4.0	5.3	6.0	4.5
DAUNTLESS	KB	4.0	3.0	4.0	4.3	4.7	4.0	3	4.0	5.3	6.3	4.5
NAI-13-14	KB	4.0	3.3	3.3	4.0	4.0	4.0	3	5.0	5.7	6.3	4.5
PST-K13-141	KB	4.0	3.0	3.3	4.7	4.3	4.0	3	4.3	5.3	5.7	4.5
PST-K13-137	KB	4.0	3.0	3.7	4.3	4.3	4.0	3	4.3	5.3	6.0	4.4
BLUE NOTE	KB	4.0	3.3	3.7	4.0	4.0	3.7	3	4.3	5.3	5.7	4.3
PST-K13-143	KB	4.0	3.3	3.7	4.3	4.3	4.0	3	4.3	5.3	6.0	4.3
BABE	KB	3.7	2.7	3.3	3.7	3.7	3.7	3	4.0	5.3	6.0	4.2
BAR PP 110358	KB	4.0	2.7	2.7	3.7	3.7	3.7	3	3.7	5.3	6.0	4.2
EVEREST	KB	3.7	3.3	3.3	4.0	4.0	4.0	3	3.7	5.0	5.7	4.2
PST-K15-169	KB	3.7	3.0	3.7	4.0	4.3	4.0	3	4.3	5.0	5.0	4.2
NAI-13-132	KB	4.0	3.0	3.0	3.7	4.0	3.7	3	4.0	5.3	5.7	4.1
SR 4650 (P.RYEGRASS STANDARD ENTRY)		3.0	2.7	3.7	3.7	4.3	4.0	3	3.7	5.0	5.0	3.9
LSD VALUE		0.4	2.5	2.0	1.9	2.0	0.9	0	1.5	2.8	2.0	1.3
C.V. (%)		6.0	23.5	19.2	15.4	14.8	7.6	0	14.0	14.4	12.7	9.6

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

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

TABLE 6B. PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 40% OF ET
(CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2018 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/													
NAME		PRE DROUGHT PERCENT COVER		PERCENT GREEN COVER DURING DRY DOWN									
		1/8	5/9	5/31	6/7	6/14	6/21	6/28	7/5	7/12	7/19	7/26	8/2
BARRARI	KB	82.7	93.3	89.3	92.0	86.0	87.0	85.3	68.3	53.0	36.0	8.3	13.7
MIDNIGHT	KB	83.3	88.0	86.7	88.0	84.3	86.0	89.0	80.3	75.3	59.0	18.3	36.0
PST-K11-118	KB	82.3	94.3	92.3	93.0	90.0	89.0	88.3	76.0	65.7	50.0	12.7	25.7
BLUE DEVIL	KB	86.7	89.0	91.0	91.0	88.7	90.7	88.0	72.7	61.0	41.0	8.3	23.0
DAUNTLESS	KB	81.0	91.3	89.0	89.0	84.3	87.7	79.0	65.7	65.7	40.0	10.0	22.3
NAI-13-14	KB	91.7	89.7	91.3	92.7	90.3	90.3	90.3	76.7	68.3	50.3	11.3	28.7
PST-K13-141	KB	78.3	91.3	90.7	91.0	87.7	88.3	85.3	72.7	68.7	50.0	14.0	35.7
PST-K13-137	KB	87.3	79.0	81.7	84.7	84.7	86.3	85.3	74.0	68.3	46.0	10.3	26.3
BLUE NOTE	KB	80.7	87.3	88.3	90.0	87.0	86.7	85.7	68.7	54.3	35.0	5.7	20.7
PST-K13-143	KB	80.3	87.3	82.7	84.7	82.0	85.7	84.0	72.3	64.0	44.7	14.3	19.7
BABE	KB	74.0	79.0	81.3	84.3	81.7	82.7	79.7	61.3	45.3	29.3	6.0	17.7
BAR PP 110358	KB	86.0	90.3	90.3	89.7	84.3	83.7	79.0	62.0	54.0	39.3	6.7	21.3
EVEREST	KB	78.0	84.7	84.7	83.0	77.3	76.3	80.3	70.7	57.0	37.7	8.3	20.0
PST-K15-169	KB	74.7	89.7	86.3	80.0	78.3	81.0	84.3	76.0	63.3	44.0	11.0	29.3
NAI-13-132	KB	85.3	83.3	88.3	88.3	84.0	82.3	84.0	66.7	53.3	38.3	7.7	19.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		68.0	83.0	78.7	79.3	79.0	83.3	81.3	66.7	66.7	53.3	21.7	35.3
LSD VALUE		18.8	12.6	8.4	13.6	19.2	24.0	16.8	35.0	40.0	41.0	10.4	28.8
C.V. (%)		9.8	6.5	5.0	6.7	8.1	9.0	7.2	15.8	22.7	32.4	46.2	43.5

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 6B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2018 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN								DURING 10/4	PERCENT COVER RECOVERY PERIOD	
		8/9	8/16	8/23	8/30	9/6	9/13	9/20	9/27		11/2	12/3
BARRARI	KB	16.3	20.7	16.7	17.3	29.7	27.7	10.0	16.0	46.3	62.3	57.0
MIDNIGHT	KB	30.3	29.3	27.3	23.0	31.3	30.7	11.0	23.0	50.7	57.7	58.3
PST-K11-118	KB	26.0	24.0	22.3	19.0	31.3	29.3	14.0	19.7	50.3	62.7	62.3
BLUE DEVIL	KB	28.0	31.3	28.0	24.7	31.0	26.0	6.3	17.7	52.7	55.0	53.3
DAUNTLESS	KB	20.7	24.0	20.3	25.0	31.7	27.7	11.0	17.3	36.3	62.7	58.7
NAI-13-14	KB	27.7	29.0	24.7	22.0	33.3	32.3	11.0	17.7	56.3	55.3	55.0
PST-K13-141	KB	29.7	30.7	24.0	21.0	31.7	25.3	8.0	21.3	41.7	69.3	61.3
PST-K13-137	KB	26.7	29.7	26.0	20.3	30.7	25.7	5.7	15.3	46.3	50.0	46.7
BLUE NOTE	KB	25.7	29.3	24.7	19.7	29.7	24.0	6.3	11.3	37.3	71.7	62.0
PST-K13-143	KB	19.7	21.7	18.7	15.0	30.3	24.7	8.3	24.0	40.7	58.0	50.0
BABE	KB	18.0	17.3	15.7	18.3	28.0	22.0	8.0	18.3	31.3	56.3	62.3
BAR PP 110358	KB	21.0	23.3	16.7	14.7	25.0	23.0	10.0	19.0	39.7	56.0	64.0
EVEREST	KB	26.0	25.0	23.0	21.0	28.7	24.0	6.7	15.7	33.7	53.3	55.3
PST-K15-169	KB	32.0	26.3	23.3	17.7	26.3	21.0	6.0	18.3	34.0	62.0	60.3
NAI-13-132	KB	24.7	24.0	20.7	17.7	23.3	22.3	4.3	10.3	30.3	52.7	57.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		27.3	23.0	19.7	13.7	21.7	17.7	3.7	24.3	30.7	66.3	70.7
LSD VALUE		24.1	25.0	22.5	26.4	33.9	27.2	11.1	31.7	53.0	8.8	12.0
C.V. (%)		33.1	31.7	33.8	41.1	33.2	33.3	52.6	52.6	41.5	8.5	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 6C.

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2018 DATA

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

NAME		GENETIC COLOR	5/31	QUALITY RATINGS DURING DRY DOWN					7/5	7/12	7/19	7/26	8/2
				6/7	6/14	6/21	6/28						
DLFPS 321/3678	TF	8.3	5.3	5.7	5.3	5.3	5.0	5.3	5.0	5.7	5.7	4.7	
DLFPS 321/3679	TF	7.3	5.7	5.7	5.3	5.3	5.3	5.3	5.0	5.3	5.3	5.0	
SUPERSONIC	TF	8.3	5.3	5.7	5.3	5.3	5.3	5.3	4.7	4.7	4.7	4.3	
GO-AOMK	TF	8.7	5.7	5.7	5.0	5.3	5.3	5.3	4.3	5.0	5.0	4.7	
PST-5SDS	TF	8.7	5.3	5.7	5.3	5.0	5.0	5.3	4.7	5.3	5.3	5.0	
BAR FA 121095	TF	8.0	5.0	5.3	5.3	5.0	5.0	5.0	4.3	5.0	5.0	4.7	
KINGDOM	TF	8.3	5.0	5.7	5.3	4.7	5.0	5.0	4.7	4.7	4.7	4.3	
LTP-SYN-A3	TF	7.7	4.7	5.3	5.3	4.7	4.7	5.0	4.3	5.0	5.0	4.7	
MRS� TF15	TF	7.7	5.0	5.3	5.0	5.0	5.0	5.0	4.3	5.0	5.0	4.0	
NONET	TF	8.0	5.3	5.7	4.7	4.0	4.3	4.3	4.3	4.7	4.7	4.3	
BARROBUSTO	TF	7.7	5.0	5.7	5.0	5.0	5.0	4.7	4.3	3.7	3.7	4.7	
CATALYST	TF	9.0	4.3	5.0	5.0	4.7	5.0	4.7	4.7	5.0	5.0	3.7	
DLFPS 321/3677	TF	6.7	5.3	5.0	5.0	5.0	4.7	5.0	3.7	4.3	4.3	4.0	
STETSON II	TF	8.0	4.3	5.0	5.3	4.3	5.0	4.7	4.3	4.7	4.7	4.0	
THOR	TF	8.3	5.0	5.0	5.0	5.3	5.3	5.0	4.0	4.0	4.0	4.0	
PST-R511	TF	6.7	4.0	5.0	4.7	4.7	5.0	5.0	4.0	4.3	4.3	4.0	
RS4	TF	8.3	5.3	4.7	5.0	4.7	4.0	4.7	4.3	4.3	4.3	4.0	
THUNDERSTRUCK	TF	7.7	4.7	4.7	4.7	4.7	4.3	4.3	3.0	4.7	4.7	3.7	
TITANIUM 2LS	TF	7.0	5.0	4.7	4.3	4.7	4.3	4.3	3.7	4.3	4.3	3.7	
SR 4650 (P.RYEGRASS STANDARD ENTRY)		8.0	4.0	5.3	4.0	4.0	4.3	4.0	4.0	3.7	3.7	3.0	
LSD VALUE		2.5	1.2	1.6	1.0	1.1	2.6	1.7	2.9	2.5	2.5	0.9	
C.V. (%)		12.2	11.6	11.0	9.3	10.3	16.3	12.6	21.1	18.7	18.7	11.7	

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

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

TABLE 6C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2018 DATA

		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/										
		QUALITY RATINGS DURING DRY DOWN						QUALITY RATINGS DURING RECOVERY PERIOD				MEAN
NAME		8/9	8/23	8/30	9/6	9/13	9/20	9/27	10/4	11/2	12/3	
DLFPS 321/3678	TF	4.0	3.0	3.3	4.3	4.7	4.3	3.3	4.7	5.7	6.0	4.9
DLFPS 321/3679	TF	4.0	3.3	3.0	4.3	4.3	4.0	3.0	4.7	6.3	6.3	4.9
SUPERSONIC	TF	4.0	4.0	4.3	4.3	4.7	4.3	3.3	4.7	5.3	6.0	4.9
GO-AOMK	TF	4.0	3.0	3.3	4.3	4.3	4.0	3.3	4.3	6.0	6.0	4.8
PST-5SDS	TF	4.0	3.3	3.0	4.0	4.7	4.0	3.3	4.0	5.7	6.3	4.8
BAR FA 121095	TF	4.0	2.3	3.0	4.0	4.3	4.0	3.0	4.3	5.7	6.0	4.6
KINGDOM	TF	4.0	3.3	3.0	4.0	4.7	4.3	3.3	4.0	5.7	6.0	4.6
LTP-SYN-A3	TF	4.0	3.3	3.7	4.0	4.3	4.0	3.0	4.0	5.3	6.0	4.6
MRS� TF15	TF	4.0	3.0	3.3	4.0	4.0	4.0	3.0	4.7	5.7	6.3	4.6
NONET	TF	4.0	3.0	3.7	4.3	4.7	4.0	3.0	4.0	5.3	5.7	4.5
BARROBUSTO	TF	4.0	2.7	2.7	4.0	4.3	3.7	3.0	4.0	5.3	5.7	4.4
CATALYST	TF	4.0	2.3	3.0	4.0	4.0	4.0	3.0	4.0	5.7	6.0	4.4
DLFPS 321/3677	TF	4.0	2.7	2.7	4.0	4.3	4.3	3.3	4.0	5.0	5.7	4.4
STETSON II	TF	3.7	3.0	3.3	3.7	4.0	4.0	3.0	3.7	5.3	5.7	4.4
THOR	TF	4.0	2.7	3.3	3.7	4.0	4.0	3.0	4.0	5.0	5.3	4.4
PST-R511	TF	3.0	3.0	3.0	4.3	4.3	4.0	3.3	3.7	5.0	6.0	4.3
RS4	TF	3.7	2.3	3.3	4.0	4.0	4.0	3.0	4.0	5.0	5.0	4.2
THUNDERSTRUCK	TF	3.7	2.3	3.0	3.3	4.0	4.0	3.0	4.3	5.0	5.3	4.1
TITANIUM 2LS	TF	3.7	2.7	2.7	4.0	4.0	4.0	3.0	3.7	4.7	5.3	4.1
SR 4650 (P.RYEGRASS STANDARD ENTRY)		3.0	2.7	3.7	3.7	4.3	4.0	3.0	3.7	5.0	5.0	3.9
LSD VALUE		0.4	1.4	1.1	1.6	1.5	0.8	1.1	1.1	1.6	1.4	0.8
C.V. (%)		6.9	20.5	16.0	12.6	11.0	7.0	10.5	11.4	11.5	9.9	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.

TABLE 6C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2018 DATA

		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/											
		PRE DROUGHT PERCENT COVER		PERCENT GREEN COVER DURING DRY DOWN									
NAME		1/8	5/9	5/31	6/7	6/14	6/21	6/28	7/5	7/12	7/19	7/26	8/2
DLFPS 321/3678	TF	84.0	90.3	88.7	92.3	93.3	94.7	94.7	89.3	82.7	62.3	15.3	41.3
DLFPS 321/3679	TF	84.0	92.7	94.3	96.0	95.7	97.3	96.7	92.3	90.0	74.3	24.3	48.0
SUPERSONIC	TF	79.7	89.7	91.0	93.3	92.3	94.0	93.3	85.3	71.7	50.0	13.0	31.3
GO-AOMK	TF	84.7	90.0	89.7	91.7	92.3	94.3	93.3	82.7	74.0	55.7	18.0	43.3
PST-5SDS	TF	85.3	93.7	95.0	94.3	93.7	95.3	94.3	87.3	80.0	56.3	15.7	41.0
BAR FA 121095	TF	79.7	91.3	90.3	92.7	93.0	94.7	93.3	86.0	77.0	57.7	17.7	35.0
KINGDOM	TF	81.3	91.7	93.7	93.7	92.0	93.3	92.3	82.7	71.7	55.0	17.7	31.7
LTP-SYN-A3	TF	83.3	91.3	91.0	93.3	94.3	96.3	95.3	89.3	76.0	53.7	14.3	39.0
MRS� TF15	TF	85.3	90.7	90.7	93.3	93.3	95.0	94.3	88.0	80.7	61.7	20.3	50.7
NONET	TF	76.0	90.0	89.7	87.3	84.7	88.0	82.3	67.3	54.7	40.0	11.0	32.7
BARROBUSTO	TF	84.0	89.3	90.0	91.7	89.0	91.0	89.3	77.3	63.0	46.0	13.3	36.3
CATALYST	TF	75.0	90.0	92.3	89.7	91.7	93.7	92.7	85.7	76.7	60.3	16.0	41.0
DLFPS 321/3677	TF	81.7	92.3	92.7	93.3	91.0	92.0	89.7	77.7	61.3	40.0	12.0	22.3
STETSON II	TF	81.3	86.7	86.3	87.3	85.3	89.0	87.7	78.0	71.7	57.0	16.0	32.7
THOR	TF	79.0	88.7	89.7	85.3	81.3	82.0	82.0	71.0	56.3	37.3	9.7	19.0
PST-R511	TF	62.0	85.0	87.3	90.7	87.7	93.3	91.0	80.3	71.7	51.0	14.0	32.7
RS4	TF	78.7	92.7	92.3	83.0	84.7	85.7	88.0	79.3	63.3	40.3	8.0	15.7
THUNDERSTRUCK	TF	72.7	83.3	83.3	78.0	75.7	80.7	81.3	74.7	59.3	39.3	10.0	29.0
TITANIUM 2LS	TF	69.7	91.3	93.3	93.0	85.7	85.7	85.7	72.0	59.3	46.7	11.0	30.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		68.0	83.0	78.7	79.3	79.0	83.3	81.3	66.7	66.7	53.3	21.7	35.3
LSD VALUE		19.0	12.1	8.4	22.3	25.3	28.3	22.1	30.5	57.1	52.5	13.1	23.2
C.V. (%)		10.6	5.1	4.7	8.9	10.1	10.1	8.9	14.2	25.7	33.1	37.4	31.3

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 6C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2018 DATA

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

		PERCENT GREEN COVER DURING DRY DOWN								PERCENT COVER		
NAME		8/9	8/16	8/23	8/30	9/6	9/13	9/20	9/27	DURING RECOVERY PERIOD		
										10/4	11/2	12/3
DLFPS 321/3678	TF	32.0	28.7	25.0	24.3	33.7	30.0	9.7	24.3	46.0	61.0	62.3
DLFPS 321/3679	TF	38.7	32.7	30.3	23.0	32.3	22.3	5.0	16.0	49.3	61.0	62.3
SUPERSONIC	TF	30.7	30.0	28.7	28.0	36.7	32.0	8.7	20.3	39.0	60.3	62.0
GO-AOMK	TF	35.0	34.3	29.3	24.7	36.7	27.7	6.3	22.3	49.7	61.7	60.7
PST-5SDS	TF	31.3	30.0	27.7	23.7	33.3	27.0	11.0	18.0	45.7	62.0	62.7
BAR FA 121095	TF	27.3	27.3	25.0	18.7	30.0	22.7	7.7	18.7	46.0	62.7	60.0
KINGDOM	TF	24.0	20.7	22.7	22.7	34.7	24.7	9.3	16.3	49.3	58.7	58.7
LTP-SYN-A3	TF	32.3	30.0	26.0	23.0	32.3	25.3	12.3	17.3	45.3	62.3	65.0
MRS� TF15	TF	36.7	31.0	26.0	22.0	33.7	29.0	10.0	19.7	56.0	56.3	58.7
NONET	TF	33.3	34.0	27.0	23.7	33.3	28.3	7.3	23.3	35.7	65.0	65.7
BARROBUSTO	TF	34.7	31.0	23.7	19.7	30.0	21.3	4.3	16.3	41.7	64.0	66.7
CATALYST	TF	28.0	24.0	21.0	18.7	32.3	24.7	6.7	20.7	44.7	63.7	65.7
DLFPS 321/3677	TF	24.0	22.3	19.7	16.3	29.0	22.0	6.7	16.3	38.7	64.0	66.0
STETSON II	TF	27.7	25.3	22.7	18.7	27.0	18.3	4.3	16.3	29.7	66.7	68.3
THOR	TF	19.3	18.3	17.3	16.3	27.7	19.0	5.7	15.3	30.3	55.7	63.0
PST-R511	TF	28.3	26.3	24.3	17.3	29.3	21.0	6.3	30.0	39.0	71.0	73.7
RS4	TF	16.7	13.7	14.0	13.3	26.3	20.7	9.3	13.3	31.3	62.7	67.0
THUNDERSTRUCK	TF	24.7	21.3	18.3	16.3	28.0	23.3	9.0	11.7	32.7	62.3	62.0
TITANIUM 2LS	TF	19.7	16.7	14.7	12.7	21.0	16.3	3.7	15.0	29.3	59.3	65.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		27.3	23.0	19.7	13.7	21.7	17.7	3.7	24.3	30.7	66.3	70.7
LSD VALUE		22.0	13.1	14.2	10.1	19.0	16.5	8.5	24.1	32.3	12.9	8.0
C.V. (%)		30.2	25.1	26.6	24.9	22.6	27.0	47.5	42.0	30.1	8.2	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 7A.

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2018 DATA

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

NAME		GENETIC COLOR	5/31	6/7	6/14	6/21	6/28	7/5	7/12	7/19	7/26	8/2
RS4	TF	8.0	6.0	5.7	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.3
KINGDOM	TF	8.7	5.7	6.0	6.0	6.0	5.7	6.0	5.7	5.3	5.3	6.7
PST-K13-141	KB	8.3	6.0	6.0	6.0	6.3	6.7	7.0	6.3	5.7	5.7	6.0
THOR	TF	8.0	6.0	6.0	5.7	5.7	5.7	5.7	5.3	5.3	5.3	6.3
MIDNIGHT	KB	8.0	6.0	5.7	5.7	6.0	6.3	6.0	5.7	6.0	6.0	6.0
PST-K11-118	KB	7.3	6.0	6.0	6.0	5.3	6.0	6.3	6.0	5.7	5.7	6.3
MRSL TF15	TF	8.0	6.3	5.7	5.3	5.3	5.7	6.0	5.3	5.0	5.0	6.3
DLFPS 321/3678	TF	8.3	6.0	5.7	5.3	5.7	5.7	5.7	5.3	5.0	5.0	5.7
PST-R511	TF	7.0	5.7	5.3	5.7	5.3	5.7	5.7	5.7	5.3	5.3	6.0
SUPERSONIC	TF	8.3	5.3	5.3	5.0	5.0	5.3	5.7	5.3	5.7	5.7	5.7
THUNDERSTRUCK	TF	7.0	5.7	5.7	5.7	5.7	5.7	6.0	5.0	5.3	5.3	6.0
BAR FA 121095	TF	8.3	5.7	5.3	5.3	5.0	5.3	5.3	5.0	5.0	5.0	5.3
BARRARI	KB	8.0	5.7	5.7	4.7	5.7	5.7	5.7	5.0	5.0	5.0	6.0
CATALYST	TF	8.7	5.7	5.7	5.3	5.3	5.3	6.0	5.0	5.3	5.3	5.7
DLFPS 321/3679	TF	7.0	5.7	5.7	5.3	5.3	5.3	5.7	5.3	5.0	5.0	5.7
LTP-SYN-A3	TF	7.7	5.7	5.7	5.3	5.7	5.7	5.3	5.0	5.0	5.0	5.7
PST-5SDS	TF	8.3	5.7	5.3	5.3	5.7	5.7	5.7	5.0	5.3	5.3	5.7
PST-K13-143	KB	7.7	5.0	5.3	5.0	5.3	5.3	5.7	5.3	6.0	6.0	5.3
BLUE DEVIL	KB	8.3	5.3	5.3	5.7	5.7	6.0	6.0	5.7	5.0	5.0	5.3
BLUE NOTE	KB	8.3	5.3	5.7	5.3	5.7	5.7	6.0	5.0	4.7	4.7	5.7
DAUNTLESS	KB	7.3	5.7	5.3	5.7	5.0	5.7	5.7	5.3	5.0	5.0	5.7
DLFPS 321/3677	TF	8.3	5.3	5.3	5.3	5.0	5.3	5.3	5.0	5.3	5.3	5.3
GO-AOMK	TF	8.0	5.0	5.3	5.3	5.0	5.3	5.3	5.3	5.0	5.0	5.7
NAI-13-14	KB	7.7	5.0	5.3	5.3	5.3	5.3	5.7	5.3	5.0	5.0	5.3
PST-K15-169	KB	8.0	5.3	6.0	5.3	6.0	5.7	6.0	5.3	5.3	5.3	5.3
STETSON II	TF	7.3	5.3	5.7	4.7	5.3	5.3	5.3	5.0	5.3	5.3	5.0
BAR PP 110358	KB	7.7	6.0	5.0	5.3	5.0	5.0	5.7	4.7	5.0	5.0	5.7
BARROBUSTO	TF	7.3	5.7	5.3	5.3	5.3	5.0	5.3	5.0	5.0	5.0	5.3
EVEREST	KB	7.7	5.0	5.3	5.0	5.0	5.0	5.3	5.0	5.0	5.0	5.3
NONET	TF	8.0	5.0	5.0	4.7	5.0	5.0	5.0	4.7	5.0	5.0	5.3
TITANIUM 2LS	TF	7.0	5.0	5.3	5.0	5.0	5.0	5.7	4.7	5.0	5.0	5.3
NAI-13-132	KB	8.3	5.0	5.3	4.7	5.0	5.3	5.3	5.0	4.7	4.7	4.7
BABE	KB	6.7	5.3	5.7	3.7	5.0	4.7	5.3	4.3	4.7	4.7	4.7
PST-K13-137	KB	8.3	4.3	4.7	4.0	4.7	4.3	5.0	4.3	4.7	4.7	4.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		7.7	5.3	5.3	4.3	4.3	4.3	4.3	4.0	4.0	4.0	4.0
LSD VALUE		3.9	1.1	2.9	1.2	2.8	1.7	1.6	2.2	2.0	2.0	1.9
C.V. (%)		13.0	9.6	12.4	11.7	14.6	12.4	11.1	14.6	12.7	12.7	13.7

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

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

TABLE 7A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2018 DATA

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

QUALITY RATINGS DURING DRY DOWN										QUALITY RATINGS DURING RECOVERY PERIOD			
NAME		8/9	8/16	8/23	8/30	9/6	9/13	9/20	9/27	10/4	11/2	12/3	MEAN
RS4	TF	5.3	.	5.7	5.3	5.7	5.3	5.3	5.0	5.7	6.7	7.0	5.9
KINGDOM	TF	5.3	.	5.3	5.0	5.7	6.0	5.7	5.0	5.3	6.3	6.7	5.8
PST-K13-141	KB	5.0	6	5.3	5.0	5.7	5.0	5.0	4.7	5.3	5.7	6.3	5.8
THOR	TF	5.7	.	5.7	5.0	5.7	5.3	5.3	5.3	5.7	7.0	7.0	5.8
MIDNIGHT	KB	5.3	5	5.3	5.0	5.7	5.3	5.7	5.3	5.0	6.0	6.0	5.7
PST-K11-118	KB	5.3	6	5.0	5.3	5.7	5.0	5.0	5.0	5.0	5.3	6.3	5.7
MRSL TF15	TF	5.7	.	4.7	4.3	5.3	5.3	5.3	4.7	5.3	7.0	6.7	5.6
DLFPS 321/3678	TF	5.3	.	5.0	4.7	5.3	5.0	5.0	5.0	5.3	6.7	7.0	5.5
PST-R511	TF	5.3	.	4.7	4.7	5.3	5.7	5.3	4.7	5.3	6.3	7.0	5.5
SUPERSONIC	TF	5.3	.	4.7	4.7	5.3	5.7	5.3	5.0	5.3	6.7	6.7	5.5
THUNDERSTRUCK	TF	5.0	.	5.0	4.3	5.7	5.3	5.3	4.7	5.3	6.3	6.7	5.5
BAR FA 121095	TF	5.0	.	5.0	4.7	5.7	5.7	5.3	4.0	5.0	6.3	6.7	5.4
BARRARI	KB	5.0	5	5.3	5.0	5.3	4.7	5.0	5.0	5.3	6.3	6.3	5.4
CATALYST	TF	5.0	.	4.7	4.7	5.3	5.3	5.3	5.0	5.3	6.3	6.7	5.4
DLFPS 321/3679	TF	5.3	.	4.7	4.7	5.3	5.3	5.0	4.7	5.3	6.3	6.7	5.4
LTP-SYN-A3	TF	5.3	.	5.0	4.3	5.0	5.3	5.0	4.7	5.0	6.3	6.3	5.4
PST-5SDS	TF	5.0	.	4.7	4.0	5.0	5.0	5.0	5.0	5.7	6.3	6.7	5.4
PST-K13-143	KB	5.3	6	5.7	5.7	5.0	5.0	5.0	5.0	5.0	5.7	5.3	5.4
BLUE DEVIL	KB	5.0	6	4.7	4.7	5.0	5.0	5.0	5.0	5.0	6.0	6.0	5.3
BLUE NOTE	KB	5.3	5	4.7	5.3	5.0	5.0	5.3	4.7	5.0	5.3	6.0	5.3
DAUNTLESS	KB	5.3	5	5.0	5.0	5.0	4.7	5.0	5.0	5.0	5.7	6.0	5.3
DLFPS 321/3677	TF	5.3	.	4.0	4.7	5.0	5.0	5.0	5.0	5.0	7.0	6.7	5.3
GO-AOMK	TF	5.3	.	4.3	4.3	5.3	5.3	5.3	5.0	5.3	6.3	6.0	5.3
NAI-13-14	KB	5.0	6	5.0	5.0	5.3	5.0	5.0	5.0	5.0	6.0	6.3	5.3
PST-K15-169	KB	5.0	6	4.7	4.7	5.3	5.3	5.3	5.0	4.7	5.3	5.3	5.3
STETSON II	TF	5.0	.	4.3	4.7	5.3	5.3	5.3	5.0	5.3	6.3	6.3	5.3
BAR PP 110358	KB	4.7	6	4.3	4.3	5.0	4.7	5.0	5.0	5.3	6.0	6.3	5.2
BARROBUSTO	TF	5.0	.	4.0	4.7	5.3	5.3	5.0	4.3	5.3	5.7	6.3	5.2
EVEREST	KB	5.3	5	4.7	4.3	5.0	5.3	5.3	5.0	5.3	5.7	6.3	5.2
NONET	TF	4.7	.	4.3	4.3	5.3	5.0	5.3	5.0	5.3	6.7	6.7	5.1
TITANIUM 2LS	TF	5.0	.	4.0	4.3	5.0	5.3	5.3	4.7	5.0	6.3	6.3	5.1
NAI-13-132	KB	5.0	6	4.3	3.7	5.0	4.7	5.0	5.0	4.7	5.0	5.0	4.9
BABE	KB	4.7	6	4.0	4.3	5.0	4.7	4.7	4.7	4.7	5.3	5.7	4.8
PST-K13-137	KB	5.0	6	5.0	4.7	5.3	5.3	5.3	5.0	5.0	4.7	5.0	4.8
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.0	6	4.0	4.7	5.3	5.3	5.3	5.0	4.3	5.3	5.7	4.7
LSD VALUE		1.7	.	1.9	1.5	2.9	1.4	1.6	2.2	1.7	1.6	1.5	1.3
C.V. (%)		10.2	.	14.9	12.3	11.9	9.3	8.1	10.9	9.8	12.0	10.8	8.2

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

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

TABLE 7A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2018 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/													
NAME		PRE DROUGHT PERCENT COVER		PERCENT GREEN COVER DURING DRY DOWN									
		1/8	5/9	5/31	6/7	6/14	6/21	6/28	7/5	7/12	7/19	7/26	8/2
RS4	TF	85.3	96.3	95.0	97.0	96.7	98.0	97.3	95.7	95.7	87.3	31.3	75.3
KINGDOM	TF	84.3	93.0	92.0	94.7	95.3	96.7	95.3	90.3	90.0	72.0	31.7	67.7
PST-K13-141	KB	90.7	96.7	95.0	96.7	97.0	98.7	99.0	98.0	96.3	88.7	30.7	77.7
THOR	TF	87.3	94.7	94.3	95.3	94.3	94.7	92.7	90.7	84.3	70.7	29.3	66.0
MIDNIGHT	KB	92.7	94.0	94.7	95.7	95.3	97.0	97.3	95.7	94.0	82.0	37.3	76.7
PST-K11-118	KB	91.3	97.3	96.0	96.7	96.3	98.0	98.3	97.3	95.7	85.7	32.3	68.3
MRS L TF15	TF	87.0	93.7	93.0	94.3	95.0	96.7	96.0	93.3	89.7	76.7	29.7	70.3
DLFPS 321/3678	TF	77.7	93.7	93.0	95.3	95.0	96.7	96.7	93.3	91.0	78.0	26.7	64.3
PST-R511	TF	82.3	94.3	93.3	96.3	96.7	97.7	97.3	95.0	91.0	74.3	30.0	68.0
SUPERSONIC	TF	78.0	93.7	91.3	94.3	95.0	96.7	97.0	94.7	92.7	81.0	33.3	75.0
THUNDERSTRUCK	TF	83.3	94.0	92.3	94.7	94.0	95.7	95.0	90.0	87.7	71.3	26.0	64.7
BAR FA 121095	TF	77.0	93.0	91.3	93.7	93.7	96.3	95.7	90.0	87.0	72.7	22.3	65.0
BARRARI	KB	91.0	94.3	93.0	92.7	90.0	95.3	97.0	94.3	92.0	79.7	24.0	62.7
CATALYST	TF	75.3	92.0	90.3	93.7	94.7	96.0	95.3	88.0	83.3	71.7	24.0	65.7
DLFPS 321/3679	TF	84.7	94.7	94.0	96.3	96.7	97.3	96.3	88.7	84.7	66.3	27.3	57.0
LTP-SYN-A3	TF	82.0	94.3	93.0	95.0	95.0	96.7	96.3	90.3	84.7	74.0	27.7	67.0
PST-5SDS	TF	72.7	93.7	94.3	96.0	95.3	97.0	95.7	91.0	87.0	74.0	23.0	64.7
PST-K13-143	KB	89.3	94.7	89.7	91.7	92.3	96.7	97.0	95.7	93.7	85.7	39.7	68.0
BLUE DEVIL	KB	93.7	91.0	90.7	93.7	93.7	96.3	96.7	94.7	93.7	84.0	33.7	72.0
BLUE NOTE	KB	92.3	92.3	91.3	94.7	93.3	96.7	97.3	94.7	90.7	79.3	20.7	56.7
DAUNTLESS	KB	90.7	94.7	89.7	89.3	90.0	93.7	95.3	91.0	87.0	74.7	21.7	64.0
DLFPS 321/3677	TF	73.3	94.0	92.7	95.3	95.7	96.3	97.0	94.3	92.3	82.3	27.7	70.0
GO-AOMK	TF	76.3	91.7	88.0	91.7	91.7	94.7	95.3	92.3	91.0	77.0	31.3	67.3
NAI-13-14	KB	93.7	86.7	89.7	92.3	93.3	95.7	96.0	93.3	90.0	83.0	28.7	65.7
PST-K15-169	KB	86.7	95.3	94.0	97.0	96.0	96.7	97.3	95.7	92.0	77.3	35.7	58.7
STETSON II	TF	82.3	93.7	91.7	93.3	94.0	95.7	95.3	92.3	90.0	78.3	26.3	67.0
BAR PP 110358	KB	91.0	89.0	91.3	88.3	82.3	91.0	95.3	85.3	74.7	66.3	18.7	53.0
BARROBUSTO	TF	83.0	92.0	93.3	92.3	89.7	92.0	91.7	86.3	81.3	73.0	23.0	66.0
EVEREST	KB	90.7	90.3	91.0	92.3	91.7	94.7	96.3	93.7	91.7	82.0	35.3	71.7
NONET	TF	72.0	88.7	89.7	92.3	92.0	94.7	94.3	89.0	82.0	68.7	20.3	62.0
TITANIUM 2LS	TF	78.7	94.3	94.0	96.0	93.7	94.3	93.7	91.7	85.0	72.7	24.3	63.7
NAI-13-132	KB	90.7	88.7	91.0	92.7	93.0	95.3	96.0	93.7	91.3	78.7	32.0	68.3
BABE	KB	85.7	89.7	83.7	82.0	82.0	89.7	91.7	87.0	82.0	66.7	18.7	50.0
PST-K13-137	KB	89.7	84.7	80.3	85.7	88.3	93.3	93.0	91.7	92.3	85.0	37.3	78.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		75.7	92.0	88.7	90.7	90.7	94.7	93.0	83.7	82.7	66.3	29.7	52.7
LSD VALUE		10.4	5.5	5.6	6.2	12.0	9.0	7.1	22.0	45.4	58.2	26.8	55.3
C.V. (%)		7.2	3.2	3.4	3.6	5.2	3.2	2.7	6.7	12.1	18.1	31.1	21.0

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 7A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2018 DATA

		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/								PERCENT COVER		
		PERCENT GREEN COVER DURING DRY DOWN								DURING	RECOVERY	PERIOD
NAME		8/9	8/16	8/23	8/30	9/6	9/13	9/20	9/27	10/4	11/2	12/3
RS4	TF	76.7	69.0	66.0	65.0	70.0	61.0	41.3	45.7	77.7	60.3	69.7
KINGDOM	TF	73.3	66.3	63.0	63.0	64.7	61.3	52.0	60.0	76.3	58.0	65.7
PST-K13-141	KB	79.7	72.0	68.7	67.3	61.7	62.3	59.0	63.3	76.7	67.0	65.7
THOR	TF	70.0	67.0	64.3	62.7	64.0	58.0	46.3	60.7	76.7	60.3	67.3
MIDNIGHT	KB	74.0	62.0	57.3	55.0	55.7	54.3	42.7	54.7	75.3	51.7	57.0
PST-K11-118	KB	71.0	64.7	56.7	58.7	58.3	54.0	36.3	49.0	66.0	66.0	66.0
MRS L TF15	TF	65.7	62.7	55.7	53.0	59.3	49.3	31.7	53.7	72.0	56.3	64.3
DLFPS 321/3678	TF	68.0	63.7	58.7	57.0	63.0	56.0	42.0	54.7	74.3	58.3	66.0
PST-R511	TF	73.3	66.3	60.7	57.0	61.0	57.3	44.7	61.7	79.0	66.7	71.7
SUPERSONIC	TF	74.3	65.3	59.3	59.3	63.7	57.0	42.3	58.7	77.0	58.7	69.0
THUNDERSTRUCK	TF	66.3	65.3	58.7	53.3	59.7	56.0	36.7	50.7	71.0	58.7	64.0
BAR FA 121095	TF	68.7	67.0	63.7	61.0	63.7	58.0	38.3	56.7	74.3	61.0	65.7
BARRARI	KB	66.0	68.7	64.7	65.0	60.3	59.3	36.3	42.7	69.3	62.7	58.3
CATALYST	TF	70.0	68.7	64.3	60.7	63.7	56.0	34.0	57.0	73.0	61.3	68.7
DLFPS 321/3679	TF	62.7	57.7	52.7	51.0	57.3	51.7	34.0	47.3	72.3	60.3	67.3
LTP-SYN-A3	TF	69.7	64.7	60.3	58.3	60.3	56.7	34.0	53.0	71.0	61.7	68.7
PST-5SDS	TF	66.7	66.0	62.3	62.3	65.0	57.3	45.7	52.0	74.3	65.3	72.7
PST-K13-143	KB	74.7	67.7	63.3	61.3	59.3	60.0	44.7	56.7	67.0	56.0	54.3
BLUE DEVIL	KB	71.3	63.7	60.3	56.7	53.7	51.3	44.3	53.7	63.0	54.0	57.7
BLUE NOTE	KB	67.3	64.3	58.7	58.3	62.0	57.7	39.7	53.7	74.0	64.3	61.7
DAUNTLESS	KB	73.7	68.7	60.3	57.7	57.3	60.0	55.7	56.0	74.0	63.3	59.0
DLFPS 321/3677	TF	67.3	63.7	57.7	55.3	60.0	53.0	33.0	47.0	73.3	60.0	66.0
GO-AOMK	TF	66.3	60.7	55.0	52.7	58.7	52.3	36.0	47.3	70.7	58.0	67.0
NAI-13-14	KB	71.7	67.7	61.7	64.3	61.3	61.0	53.7	58.3	78.7	51.0	54.3
PST-K15-169	KB	59.7	54.3	48.0	46.3	48.7	42.7	33.3	44.0	60.3	60.7	58.3
STETSON II	TF	72.7	65.0	59.3	57.3	62.0	56.3	38.0	55.0	73.3	60.7	61.7
BAR PP 110358	KB	53.7	52.7	49.3	48.3	53.7	50.0	38.0	52.0	71.0	59.3	62.3
BARROBUSTO	TF	69.3	61.0	52.3	48.7	59.3	52.7	38.7	28.3	70.0	65.7	71.3
EVEREST	KB	74.0	64.0	60.0	57.7	59.3	55.7	45.3	54.0	76.0	56.0	55.7
NONET	TF	61.0	62.3	57.0	53.3	60.0	56.3	44.0	50.0	70.0	63.7	68.7
TITANIUM 2LS	TF	65.3	63.3	56.7	52.3	59.3	52.0	39.3	48.3	67.3	61.7	69.7
NAI-13-132	KB	61.7	56.0	50.0	44.3	40.7	37.3	29.3	33.3	47.0	55.0	61.3
BABE	KB	57.3	56.7	51.0	48.3	51.3	48.7	31.0	41.7	59.7	68.3	66.7
PST-K13-137	KB	80.7	67.7	65.3	62.0	54.3	51.0	40.3	51.0	62.3	58.7	59.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		60.7	53.3	45.3	43.7	49.0	43.7	26.0	51.0	59.0	59.7	65.3
LSD VALUE		44.5	27.2	30.3	32.2	18.9	33.3	56.4	37.5	38.0	8.4	7.2
C.V. (%)		17.1	12.7	15.8	17.8	12.9	17.8	36.2	23.4	16.3	7.4	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 7B.

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2018 DATA

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

NAME		GENETIC	QUALITY RATINGS DURING DRY DOWN									
		COLOR	5/31	6/7	6/14	6/21	6/28	7/5	7/12	7/19	7/26	8/2
PST-K13-141	KB	8.3	6.0	6.0	6.0	6.3	6.7	7.0	6.3	5.7	5.7	6.0
MIDNIGHT	KB	8.0	6.0	5.7	5.7	6.0	6.3	6.0	5.7	6.0	6.0	6.0
PST-K11-118	KB	7.3	6.0	6.0	6.0	5.3	6.0	6.3	6.0	5.7	5.7	6.3
BARRARI	KB	8.0	5.7	5.7	4.7	5.7	5.7	5.7	5.0	5.0	5.0	6.0
PST-K13-143	KB	7.7	5.0	5.3	5.0	5.3	5.3	5.7	5.3	6.0	6.0	5.3
BLUE DEVIL	KB	8.3	5.3	5.3	5.7	5.7	6.0	6.0	5.7	5.0	5.0	5.3
BLUE NOTE	KB	8.3	5.3	5.7	5.3	5.7	5.7	6.0	5.0	4.7	4.7	5.7
DAUNTLESS	KB	7.3	5.7	5.3	5.7	5.0	5.7	5.7	5.3	5.0	5.0	5.7
NAI-13-14	KB	7.7	5.0	5.3	5.3	5.3	5.3	5.7	5.3	5.0	5.0	5.3
PST-K15-169	KB	8.0	5.3	6.0	5.3	6.0	5.7	6.0	5.3	5.3	5.3	5.3
BAR PP 110358	KB	7.7	6.0	5.0	5.3	5.0	5.0	5.7	4.7	5.0	5.0	5.7
EVEREST	KB	7.7	5.0	5.3	5.0	5.0	5.0	5.3	5.0	5.0	5.0	5.3
NAI-13-132	KB	8.3	5.0	5.3	4.7	5.0	5.3	5.3	5.0	4.7	4.7	4.7
BABE	KB	6.7	5.3	5.7	3.7	5.0	4.7	5.3	4.3	4.7	4.7	4.7
PST-K13-137	KB	8.3	4.3	4.7	4.0	4.7	4.3	5.0	4.3	4.7	4.7	4.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		7.7	5.3	5.3	4.3	4.3	4.3	4.3	4.0	4.0	4.0	4.0
LSD VALUE		3.7	1.0	2.6	1.4	2.4	1.4	1.4	1.6	0.8	0.8	1.0
C.V. (%)		14.2	9.3	14.6	13.9	16.2	13.2	11.7	14.7	8.9	8.9	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 7B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2018 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN								QUALITY RATINGS DURING RECOVERY PERIOD			MEAN
		8/9	8/16	8/23	8/30	9/6	9/13	9/20	9/27	10/4	11/2	12/3	
PST-K13-141	KB	5.0	6	5.3	5.0	5.7	5.0	5.0	4.7	5.3	5.7	6.3	5.8
MIDNIGHT	KB	5.3	5	5.3	5.0	5.7	5.3	5.7	5.3	5.0	6.0	6.0	5.7
PST-K11-118	KB	5.3	6	5.0	5.3	5.7	5.0	5.0	5.0	5.0	5.3	6.3	5.7
BARRARI	KB	5.0	5	5.3	5.0	5.3	4.7	5.0	5.0	5.3	6.3	6.3	5.4
PST-K13-143	KB	5.3	6	5.7	5.7	5.0	5.0	5.0	5.0	5.0	5.7	5.3	5.4
BLUE DEVIL	KB	5.0	6	4.7	4.7	5.0	5.0	5.0	5.0	5.0	6.0	6.0	5.3
BLUE NOTE	KB	5.3	5	4.7	5.3	5.0	5.0	5.3	4.7	5.0	5.3	6.0	5.3
DAUNTLESS	KB	5.3	5	5.0	5.0	5.0	4.7	5.0	5.0	5.0	5.7	6.0	5.3
NAI-13-14	KB	5.0	6	5.0	5.0	5.3	5.0	5.0	5.0	5.0	6.0	6.3	5.3
PST-K15-169	KB	5.0	6	4.7	4.7	5.3	5.3	5.3	5.0	4.7	5.3	5.3	5.3
BAR PP 110358	KB	4.7	6	4.3	4.3	5.0	4.7	5.0	5.0	5.3	6.0	6.3	5.2
EVEREST	KB	5.3	5	4.7	4.3	5.0	5.3	5.3	5.0	5.3	5.7	6.3	5.2
NAI-13-132	KB	5.0	6	4.3	3.7	5.0	4.7	5.0	5.0	4.7	5.0	5.0	4.9
BABE	KB	4.7	6	4.0	4.3	5.0	4.7	4.7	4.7	4.7	5.3	5.7	4.8
PST-K13-137	KB	5.0	6	5.0	4.7	5.3	5.3	5.3	5.0	5.0	4.7	5.0	4.8
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.0	6	4.0	4.7	5.3	5.3	5.3	5.0	4.3	5.3	5.7	4.7
LSD VALUE		0.8	.	1.8	1.3	2.6	1.6	0.9	0.9	1.4	1.6	1.2	0.8
C.V. (%)		7.7	.	15.1	12.5	14.4	10.5	6.9	6.0	9.9	11.2	9.9	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 7B. PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 60% OF ET
(CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2018 DATA

		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/											
		PRE DROUGHT PERCENT COVER		PERCENT GREEN COVER DURING DRY DOWN									
NAME		1/8	5/9	5/31	6/7	6/14	6/21	6/28	7/5	7/12	7/19	7/26	8/2
PST-K13-141	KB	90.7	96.7	95.0	96.7	97.0	98.7	99.0	98.0	96.3	88.7	30.7	77.7
MIDNIGHT	KB	92.7	94.0	94.7	95.7	95.3	97.0	97.3	95.7	94.0	82.0	37.3	76.7
PST-K11-118	KB	91.3	97.3	96.0	96.7	96.3	98.0	98.3	97.3	95.7	85.7	32.3	68.3
BARRARI	KB	91.0	94.3	93.0	92.7	90.0	95.3	97.0	94.3	92.0	79.7	24.0	62.7
PST-K13-143	KB	89.3	94.7	89.7	91.7	92.3	96.7	97.0	95.7	93.7	85.7	39.7	68.0
BLUE DEVIL	KB	93.7	91.0	90.7	93.7	93.7	96.3	96.7	94.7	93.7	84.0	33.7	72.0
BLUE NOTE	KB	92.3	92.3	91.3	94.7	93.3	96.7	97.3	94.7	90.7	79.3	20.7	56.7
DAUNTLESS	KB	90.7	94.7	89.7	89.3	90.0	93.7	95.3	91.0	87.0	74.7	21.7	64.0
NAI-13-14	KB	93.7	86.7	89.7	92.3	93.3	95.7	96.0	93.3	90.0	83.0	28.7	65.7
PST-K15-169	KB	86.7	95.3	94.0	97.0	96.0	96.7	97.3	95.7	92.0	77.3	35.7	58.7
BAR PP 110358	KB	91.0	89.0	91.3	88.3	82.3	91.0	95.3	85.3	74.7	66.3	18.7	53.0
EVEREST	KB	90.7	90.3	91.0	92.3	91.7	94.7	96.3	93.7	91.7	82.0	35.3	71.7
NAI-13-132	KB	90.7	88.7	91.0	92.7	93.0	95.3	96.0	93.7	91.3	78.7	32.0	68.3
BABE	KB	85.7	89.7	83.7	82.0	82.0	89.7	91.7	87.0	82.0	66.7	18.7	50.0
PST-K13-137	KB	89.7	84.7	80.3	85.7	88.3	93.3	93.0	91.7	92.3	85.0	37.3	78.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		75.7	92.0	88.7	90.7	90.7	94.7	93.0	83.7	82.7	66.3	29.7	52.7
LSD VALUE		7.1	6.9	7.8	10.0	17.1	8.9	4.7	12.0	25.2	23.7	13.3	16.2
C.V. (%)		4.4	4.0	4.5	5.2	7.3	3.7	2.4	5.7	10.4	12.5	23.6	13.4

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

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

TABLE 7B. PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 60% OF ET
(CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2018 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/												
		PERCENT GREEN COVER DURING DRY DOWN								PERCENT COVER		
NAME		8/9	8/16	8/23	8/30	9/6	9/13	9/20	9/27	DURING RECOVERY PERIOD		
										10/4	11/2	12/3
PST-K13-141	KB	79.7	72.0	68.7	67.3	61.7	62.3	59.0	63.3	76.7	67.0	65.7
MIDNIGHT	KB	74.0	62.0	57.3	55.0	55.7	54.3	42.7	54.7	75.3	51.7	57.0
PST-K11-118	KB	71.0	64.7	56.7	58.7	58.3	54.0	36.3	49.0	66.0	66.0	66.0
BARRARI	KB	66.0	68.7	64.7	65.0	60.3	59.3	36.3	42.7	69.3	62.7	58.3
PST-K13-143	KB	74.7	67.7	63.3	61.3	59.3	60.0	44.7	56.7	67.0	56.0	54.3
BLUE DEVIL	KB	71.3	63.7	60.3	56.7	53.7	51.3	44.3	53.7	63.0	54.0	57.7
BLUE NOTE	KB	67.3	64.3	58.7	58.3	62.0	57.7	39.7	53.7	74.0	64.3	61.7
DAUNTLESS	KB	73.7	68.7	60.3	57.7	57.3	60.0	55.7	56.0	74.0	63.3	59.0
NAI-13-14	KB	71.7	67.7	61.7	64.3	61.3	61.0	53.7	58.3	78.7	51.0	54.3
PST-K15-169	KB	59.7	54.3	48.0	46.3	48.7	42.7	33.3	44.0	60.3	60.7	58.3
BAR PP 110358	KB	53.7	52.7	49.3	48.3	53.7	50.0	38.0	52.0	71.0	59.3	62.3
EVEREST	KB	74.0	64.0	60.0	57.7	59.3	55.7	45.3	54.0	76.0	56.0	55.7
NAI-13-132	KB	61.7	56.0	50.0	44.3	40.7	37.3	29.3	33.3	47.0	55.0	61.3
BABE	KB	57.3	56.7	51.0	48.3	51.3	48.7	31.0	41.7	59.7	68.3	66.7
PST-K13-137	KB	80.7	67.7	65.3	62.0	54.3	51.0	40.3	51.0	62.3	58.7	59.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		60.7	53.3	45.3	43.7	49.0	43.7	26.0	51.0	59.0	59.7	65.3
LSD VALUE		30.3	28.0	31.2	32.9	25.8	29.6	43.7	44.3	45.5	8.5	7.6
C.V. (%)		17.4	16.3	19.8	21.8	17.2	21.2	38.4	28.5	23.1	8.0	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 7C.

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2018 DATA

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

NAME		GENETIC	QUALITY RATINGS DURING DRY DOWN									
		COLOR	5/31	6/7	6/14	6/21	6/28	7/5	7/12	7/19	7/26	8/2
RS4	TF	8.0	6.0	5.7	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.3
KINGDOM	TF	8.7	5.7	6.0	6.0	6.0	5.7	6.0	5.7	5.3	5.3	6.7
THOR	TF	8.0	6.0	6.0	5.7	5.7	5.7	5.7	5.3	5.3	5.3	6.3
MRS L TF15	TF	8.0	6.3	5.7	5.3	5.3	5.7	6.0	5.3	5.0	5.0	6.3
DLFPS 321/3678	TF	8.3	6.0	5.7	5.3	5.7	5.7	5.7	5.3	5.0	5.0	5.7
PST-R511	TF	7.0	5.7	5.3	5.7	5.3	5.7	5.7	5.7	5.3	5.3	6.0
SUPERSONIC	TF	8.3	5.3	5.3	5.0	5.0	5.3	5.7	5.3	5.7	5.7	5.7
THUNDERSTRUCK	TF	7.0	5.7	5.7	5.7	5.7	5.7	6.0	5.0	5.3	5.3	6.0
BAR FA 121095	TF	8.3	5.7	5.3	5.3	5.0	5.3	5.3	5.0	5.0	5.0	5.3
CATALYST	TF	8.7	5.7	5.7	5.3	5.3	5.3	6.0	5.0	5.3	5.3	5.7
DLFPS 321/3679	TF	7.0	5.7	5.7	5.3	5.3	5.3	5.7	5.3	5.0	5.0	5.7
LTP-SYN-A3	TF	7.7	5.7	5.7	5.3	5.7	5.7	5.3	5.0	5.0	5.0	5.7
PST-5SDS	TF	8.3	5.7	5.3	5.3	5.7	5.7	5.7	5.0	5.3	5.3	5.7
DLFPS 321/3677	TF	8.3	5.3	5.3	5.3	5.0	5.3	5.3	5.0	5.3	5.3	5.3
GO-AOMK	TF	8.0	5.0	5.3	5.3	5.0	5.3	5.3	5.3	5.0	5.0	5.7
STETSON II	TF	7.3	5.3	5.7	4.7	5.3	5.3	5.3	5.0	5.3	5.3	5.0
BARROBUSTO	TF	7.3	5.7	5.3	5.3	5.3	5.0	5.3	5.0	5.0	5.0	5.3
NONET	TF	8.0	5.0	5.0	4.7	5.0	5.0	5.0	4.7	5.0	5.0	5.3
TITANIUM 2LS	TF	7.0	5.0	5.3	5.0	5.0	5.0	5.7	4.7	5.0	5.0	5.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		7.7	5.3	5.3	4.3	4.3	4.3	4.3	4.0	4.0	4.0	4.0
LSD VALUE		3.2	1.4	2.0	1.2	1.5	1.5	1.2	1.3	1.9	1.9	1.6
C.V. (%)		13.2	9.7	10.2	9.9	10.9	10.6	9.5	10.8	12.4	12.4	12.9

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

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

TABLE 7C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2018 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/												
		QUALITY RATINGS DURING DRY DOWN					QUALITY RATINGS DURING RECOVERY PERIOD					
NAME		8/9	8/23	8/30	9/6	9/13	9/20	9/27	10/4	11/2	12/3	MEAN
RS4	TF	5.3	5.7	5.3	5.7	5.3	5.3	5.0	5.7	6.7	7.0	5.9
KINGDOM	TF	5.3	5.3	5.0	5.7	6.0	5.7	5.0	5.3	6.3	6.7	5.8
THOR	TF	5.7	5.7	5.0	5.7	5.3	5.3	5.3	5.7	7.0	7.0	5.8
MRSI TF15	TF	5.7	4.7	4.3	5.3	5.3	5.3	4.7	5.3	7.0	6.7	5.6
DLFPS 321/3678	TF	5.3	5.0	4.7	5.3	5.0	5.0	5.0	5.3	6.7	7.0	5.5
PST-R511	TF	5.3	4.7	4.7	5.3	5.7	5.3	4.7	5.3	6.3	7.0	5.5
SUPERSONIC	TF	5.3	4.7	4.7	5.3	5.7	5.3	5.0	5.3	6.7	6.7	5.5
THUNDERSTRUCK	TF	5.0	5.0	4.3	5.7	5.3	5.3	4.7	5.3	6.3	6.7	5.5
BAR FA 121095	TF	5.0	5.0	4.7	5.7	5.7	5.3	4.0	5.0	6.3	6.7	5.4
CATALYST	TF	5.0	4.7	4.7	5.3	5.3	5.3	5.0	5.3	6.3	6.7	5.4
DLFPS 321/3679	TF	5.3	4.7	4.7	5.3	5.3	5.0	4.7	5.3	6.3	6.7	5.4
LTP-SYN-A3	TF	5.3	5.0	4.3	5.0	5.3	5.0	4.7	5.0	6.3	6.3	5.4
PST-5SDS	TF	5.0	4.7	4.0	5.0	5.0	5.0	5.0	5.7	6.3	6.7	5.4
DLFPS 321/3677	TF	5.3	4.0	4.7	5.0	5.0	5.0	5.0	5.0	7.0	6.7	5.3
GO-AOMK	TF	5.3	4.3	4.3	5.3	5.3	5.3	5.0	5.3	6.3	6.0	5.3
STETSON II	TF	5.0	4.3	4.7	5.3	5.3	5.3	5.0	5.3	6.3	6.3	5.3
BARROBUSTO	TF	5.0	4.0	4.7	5.3	5.3	5.0	4.3	5.3	5.7	6.3	5.2
NONET	TF	4.7	4.3	4.3	5.3	5.0	5.3	5.0	5.3	6.7	6.7	5.1
TITANIUM 2LS	TF	5.0	4.0	4.3	5.0	5.3	5.3	4.7	5.0	6.3	6.3	5.1
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.0	4.0	4.7	5.3	5.3	5.3	5.0	4.3	5.3	5.7	4.7
LSD VALUE		1.2	1.5	1.5	1.5	1.3	1.8	2.3	1.3	2.4	2.5	1.0
C.V. (%)		9.8	14.2	10.9	8.5	8.1	9.2	13.6	9.1	11.7	11.0	7.2

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

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

TABLE 7C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2018 DATA

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

		PRE DROUGHT		PERCENT GREEN COVER DURING DRY DOWN									
		PERCENT COVER											
NAME		1/8	5/9	5/31	6/7	6/14	6/21	6/28	7/5	7/12	7/19	7/26	8/2
RS4	TF	85.3	96.3	95.0	97.0	96.7	98.0	97.3	95.7	95.7	87.3	31.3	75.3
KINGDOM	TF	84.3	93.0	92.0	94.7	95.3	96.7	95.3	90.3	90.0	72.0	31.7	67.7
THOR	TF	87.3	94.7	94.3	95.3	94.3	94.7	92.7	90.7	84.3	70.7	29.3	66.0
MRS L TF15	TF	87.0	93.7	93.0	94.3	95.0	96.7	96.0	93.3	89.7	76.7	29.7	70.3
DLFPS 321/3678	TF	77.7	93.7	93.0	95.3	95.0	96.7	96.7	93.3	91.0	78.0	26.7	64.3
PST-R511	TF	82.3	94.3	93.3	96.3	96.7	97.7	97.3	95.0	91.0	74.3	30.0	68.0
SUPERSONIC	TF	78.0	93.7	91.3	94.3	95.0	96.7	97.0	94.7	92.7	81.0	33.3	75.0
THUNDERSTRUCK	TF	83.3	94.0	92.3	94.7	94.0	95.7	95.0	90.0	87.7	71.3	26.0	64.7
BAR FA 121095	TF	77.0	93.0	91.3	93.7	93.7	96.3	95.7	90.0	87.0	72.7	22.3	65.0
CATALYST	TF	75.3	92.0	90.3	93.7	94.7	96.0	95.3	88.0	83.3	71.7	24.0	65.7
DLFPS 321/3679	TF	84.7	94.7	94.0	96.3	96.7	97.3	96.3	88.7	84.7	66.3	27.3	57.0
LTP-SYN-A3	TF	82.0	94.3	93.0	95.0	95.0	96.7	96.3	90.3	84.7	74.0	27.7	67.0
PST-5SDS	TF	72.7	93.7	94.3	96.0	95.3	97.0	95.7	91.0	87.0	74.0	23.0	64.7
DLFPS 321/3677	TF	73.3	94.0	92.7	95.3	95.7	96.3	97.0	94.3	92.3	82.3	27.7	70.0
GO-AOMK	TF	76.3	91.7	88.0	91.7	91.7	94.7	95.3	92.3	91.0	77.0	31.3	67.3
STETSON II	TF	82.3	93.7	91.7	93.3	94.0	95.7	95.3	92.3	90.0	78.3	26.3	67.0
BARROBUSTO	TF	83.0	92.0	93.3	92.3	89.7	92.0	91.7	86.3	81.3	73.0	23.0	66.0
NONET	TF	72.0	88.7	89.7	92.3	92.0	94.7	94.3	89.0	82.0	68.7	20.3	62.0
TITANIUM 2LS	TF	78.7	94.3	94.0	96.0	93.7	94.3	93.7	91.7	85.0	72.7	24.3	63.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		75.7	92.0	88.7	90.7	90.7	94.7	93.0	83.7	82.7	66.3	29.7	52.7
LSD VALUE		16.0	4.7	3.4	2.0	3.9	4.8	7.0	16.4	30.7	40.1	26.8	48.6
C.V. (%)		8.3	2.2	2.0	1.3	2.2	2.0	2.7	5.9	10.1	15.5	28.5	19.9

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 7C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2018 DATA

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

		PERCENT GREEN COVER DURING DRY DOWN								PERCENT COVER		
NAME		8/9	8/16	8/23	8/30	9/6	9/13	9/20	9/27	DURING RECOVERY PERIOD		
										10/4	11/2	12/3
RS4	TF	76.7	69.0	66.0	65.0	70.0	61.0	41.3	45.7	77.7	60.3	69.7
KINGDOM	TF	73.3	66.3	63.0	63.0	64.7	61.3	52.0	60.0	76.3	58.0	65.7
THOR	TF	70.0	67.0	64.3	62.7	64.0	58.0	46.3	60.7	76.7	60.3	67.3
MRS L TF15	TF	65.7	62.7	55.7	53.0	59.3	49.3	31.7	53.7	72.0	56.3	64.3
DLFPS 321/3678	TF	68.0	63.7	58.7	57.0	63.0	56.0	42.0	54.7	74.3	58.3	66.0
PST-R511	TF	73.3	66.3	60.7	57.0	61.0	57.3	44.7	61.7	79.0	66.7	71.7
SUPERSONIC	TF	74.3	65.3	59.3	59.3	63.7	57.0	42.3	58.7	77.0	58.7	69.0
THUNDERSTRUCK	TF	66.3	65.3	58.7	53.3	59.7	56.0	36.7	50.7	71.0	58.7	64.0
BAR FA 121095	TF	68.7	67.0	63.7	61.0	63.7	58.0	38.3	56.7	74.3	61.0	65.7
CATALYST	TF	70.0	68.7	64.3	60.7	63.7	56.0	34.0	57.0	73.0	61.3	68.7
DLFPS 321/3679	TF	62.7	57.7	52.7	51.0	57.3	51.7	34.0	47.3	72.3	60.3	67.3
LTP-SYN-A3	TF	69.7	64.7	60.3	58.3	60.3	56.7	34.0	53.0	71.0	61.7	68.7
PST-SSDS	TF	66.7	66.0	62.3	62.3	65.0	57.3	45.7	52.0	74.3	65.3	72.7
DLFPS 321/3677	TF	67.3	63.7	57.7	55.3	60.0	53.0	33.0	47.0	73.3	60.0	66.0
GO-AOMK	TF	66.3	60.7	55.0	52.7	58.7	52.3	36.0	47.3	70.7	58.0	67.0
STETSON II	TF	72.7	65.0	59.3	57.3	62.0	56.3	38.0	55.0	73.3	60.7	61.7
BARROBUSTO	TF	69.3	61.0	52.3	48.7	59.3	52.7	38.7	28.3	70.0	65.7	71.3
NONET	TF	61.0	62.3	57.0	53.3	60.0	56.3	44.0	50.0	70.0	63.7	68.7
TITANIUM 2LS	TF	65.3	63.3	56.7	52.3	59.3	52.0	39.3	48.3	67.3	61.7	69.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		60.7	53.3	45.3	43.7	49.0	43.7	26.0	51.0	59.0	59.7	65.3
LSD VALUE		36.9	14.1	17.3	19.7	16.0	30.3	49.8	21.4	24.2	9.9	6.1
C.V. (%)		15.0	8.6	11.9	13.8	10.0	16.0	36.0	18.2	10.8	6.5	4.6

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

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

TABLE 8A.

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2018 DATA

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

NAME		GENETIC COLOR	5/31	6/7	6/14	6/21	6/28	7/5	7/12	7/19	7/26	8/2
DLFPS 321/3678	TF	8.0	5.7	6.0	6.7	6.7	6.3	6.3	6.7	6.0	6.0	7.0
DLFPS 321/3679	TF	8.0	5.3	5.7	6.3	6.3	6.0	6.0	6.7	6.0	6.0	7.0
PST-K13-141	KB	8.3	5.7	6.0	6.0	6.0	6.0	6.7	6.7	6.7	6.7	7.7
PST-R511	TF	8.7	5.3	6.0	6.3	6.3	6.0	6.3	6.3	6.3	6.3	6.7
BAR FA 121095	TF	8.0	5.3	6.3	6.3	5.7	6.3	6.3	6.3	6.0	6.0	6.7
GO-AOMK	TF	8.0	5.7	6.7	6.3	6.3	6.0	6.3	6.7	6.0	6.0	6.7
MRS� TF15	TF	7.7	5.7	5.7	6.3	6.0	6.0	6.3	6.7	5.7	5.7	6.7
THUNDERSTRUCK	TF	8.3	5.7	6.3	6.0	6.0	6.0	6.0	6.3	6.0	6.0	7.0
KINGDOM	TF	8.3	5.7	5.7	6.0	6.0	5.7	6.3	6.3	6.0	6.0	7.0
PST-5SDS	TF	7.7	5.7	6.0	6.3	6.0	6.0	6.0	6.0	6.0	6.0	7.0
RS4	TF	8.3	5.3	5.7	5.0	5.0	5.7	6.0	6.0	6.0	6.0	7.0
SUPERSONIC	TF	8.0	5.3	6.0	6.7	6.3	6.0	6.3	6.3	5.7	5.7	6.7
CATALYST	TF	8.0	5.7	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.7
DLFPS 321/3677	TF	8.0	5.7	6.7	6.0	6.3	6.0	6.0	5.7	5.7	5.7	6.0
LTP-SYN-A3	TF	8.0	5.0	5.3	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.3
THOR	TF	8.0	5.3	6.0	5.7	5.7	6.0	6.3	6.3	5.7	5.7	6.3
NONET	TF	8.7	5.3	6.0	5.7	5.7	5.7	5.7	6.3	6.0	6.0	5.7
STETSON II	TF	8.0	5.3	5.7	6.0	5.7	6.0	6.0	5.7	6.0	6.0	6.3
BLUE DEVIL	KB	8.3	5.7	6.0	6.0	6.0	6.0	6.3	6.0	5.7	5.7	6.0
BLUE NOTE	KB	6.7	5.7	5.3	5.7	5.0	6.0	6.0	6.3	6.3	6.3	6.7
PST-K11-118	KB	8.3	5.7	5.7	5.3	5.7	5.3	6.0	6.0	6.0	6.0	6.3
PST-K13-143	KB	8.3	5.7	5.3	5.3	5.7	6.0	6.0	5.7	5.7	5.7	7.0
MIDNIGHT	KB	7.3	5.0	5.3	5.7	6.0	5.7	5.7	5.7	6.0	6.0	6.3
EVEREST	KB	8.0	5.7	5.0	5.3	5.3	5.7	5.7	6.0	6.0	6.0	6.3
PST-K15-169	KB	8.0	6.0	5.3	5.7	5.0	5.3	5.7	6.0	5.7	5.7	6.7
BARROBUSTO	TF	8.0	5.3	5.7	5.7	5.3	5.7	5.7	5.0	4.7	4.7	5.3
DAUNTLESS	KB	8.0	5.7	5.3	5.3	6.0	6.0	6.3	5.3	5.7	5.7	6.0
PST-K13-137	KB	7.7	5.0	5.0	5.3	5.3	6.3	5.3	5.7	5.7	5.7	5.7
NAI-13-14	KB	8.0	5.7	5.3	5.3	6.0	6.0	5.3	5.7	5.0	5.0	5.7
TITANIUM 2LS	TF	7.7	5.3	5.7	5.7	5.3	5.7	5.7	5.3	4.7	4.7	5.3
BABE	KB	8.0	5.7	5.0	5.3	5.0	6.0	6.0	5.3	5.0	5.0	6.0
BAR PP 110358	KB	8.0	6.0	5.7	5.3	6.0	5.7	6.0	5.3	4.7	4.7	5.7
BARRARI	KB	8.3	5.3	5.7	5.0	5.0	5.7	5.7	5.3	5.0	5.0	5.7
NAI-13-132	KB	8.3	5.3	5.0	5.0	5.0	5.3	5.3	5.3	4.7	4.7	5.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		7.7	4.7	5.0	5.0	5.3	5.0	5.0	4.3	4.0	4.0	5.0
LSD VALUE		3.2	2.1	1.8	1.9	2.6	2.0	1.5	1.6	1.5	1.5	2.0
C.V. (%)		9.8	9.9	11.5	12.1	13.9	9.2	9.1	12.0	12.6	12.6	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 8A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2018 DATA

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

FORNARD QUALITY RATING AND OTHER RATINGS 1 9/ 9 BEST 2/										QUALITY RATINGS			
		QUALITY RATINGS DURING DRY DOWN								DURING RECOVERY PERIOD			
NAME		8/9	8/16	8/23	8/30	9/6	9/13	9/20	9/27	10/4	11/2	12/3	MEAN
DLFPS 321/3678	TF	6.7	6.3	5.7	6.3	7.3	7.0	7.0	6.7	6.7	8.0	8.0	6.6
DLFPS 321/3679	TF	6.3	7.0	6.3	6.3	7.3	7.0	7.0	6.3	7.0	7.7	7.7	6.6
PST-K13-141	KB	7.0	7.0	7.0	6.7	7.0	7.0	7.0	6.0	6.0	6.0	6.3	6.6
PST-R511	TF	6.3	7.0	6.0	6.3	7.3	7.3	7.3	7.0	7.0	7.7	7.7	6.6
BAR FA 121095	TF	6.7	6.7	6.3	6.7	7.0	6.7	7.0	7.0	6.7	7.3	7.0	6.5
GO-AOMK	TF	6.3	6.7	6.0	6.3	7.3	6.3	7.0	7.0	7.0	7.0	7.0	6.5
MRSI TF15	TF	6.7	6.7	6.0	6.3	7.0	7.0	7.0	7.0	7.0	7.3	7.3	6.5
THUNDERSTRUCK	TF	7.0	7.0	6.3	6.7	7.3	7.0	7.0	7.0	7.0	7.0	6.7	6.5
KINGDOM	TF	6.3	7.0	5.3	6.7	7.0	6.3	7.0	7.0	7.0	7.7	7.0	6.4
PST-5SDS	TF	6.0	6.7	5.7	6.0	7.3	6.3	7.0	7.0	7.0	7.7	7.0	6.4
RS4	TF	6.7	7.0	6.7	6.3	7.7	7.0	7.3	7.0	6.7	8.0	6.7	6.4
SUPERSONIC	TF	6.0	6.7	6.0	6.0	7.0	7.0	6.7	5.7	7.0	7.7	7.3	6.4
CATALYST	TF	6.3	6.0	5.3	6.3	7.0	6.7	7.0	7.0	6.7	7.3	7.0	6.3
DLFPS 321/3677	TF	6.3	6.7	6.0	6.0	7.0	6.3	6.7	6.7	6.3	8.0	7.7	6.3
LTP-SYN-A3	TF	6.3	6.7	6.3	6.0	7.0	6.7	7.0	6.7	7.0	7.3	7.3	6.3
THOR	TF	6.7	6.7	5.7	6.0	7.0	6.3	7.0	7.0	6.3	8.0	7.3	6.3
NONET	TF	6.0	6.3	5.3	6.0	7.0	6.3	6.7	6.0	6.3	6.7	7.0	6.1
STETSON II	TF	5.7	6.3	5.7	5.7	6.7	6.3	7.0	7.0	6.7	7.0	7.0	6.1
BLUE DEVIL	KB	5.7	6.3	5.0	6.0	6.3	5.7	6.0	5.7	5.7	6.3	6.7	6.0
BLUE NOTE	KB	6.3	6.7	6.0	5.7	6.7	6.3	6.3	5.7	5.7	5.7	6.0	6.0
PST-K11-118	KB	6.0	6.3	5.7	6.0	6.3	6.3	6.0	5.3	5.7	6.3	6.3	6.0
PST-K13-143	KB	6.0	6.7	6.0	6.0	6.7	6.3	6.0	5.3	6.0	6.0	6.7	6.0
MIDNIGHT	KB	6.0	6.0	5.7	6.0	6.3	6.0	6.0	5.3	5.7	6.3	6.3	5.9
EVEREST	KB	5.7	6.3	5.3	5.7	6.3	6.0	6.0	5.7	5.7	6.0	6.0	5.8
PST-K15-169	KB	6.0	6.7	5.3	5.7	6.3	6.0	6.0	5.3	5.3	6.0	6.0	5.8
BARROBUSTO	TF	5.7	6.0	5.3	5.3	6.3	6.3	6.3	6.0	6.3	6.7	6.7	5.7
DAUNTLESS	KB	5.7	6.0	5.0	5.3	6.0	5.3	5.7	5.7	5.7	6.0	5.7	5.7
PST-K13-137	KB	5.7	6.0	5.3	5.3	6.3	6.0	6.0	5.3	5.7	6.0	5.7	5.7
NAI-13-14	KB	5.7	6.0	5.0	5.7	6.0	6.0	6.0	5.7	5.3	5.7	6.0	5.6
TITANIUM 2LS	TF	5.3	5.3	5.0	5.3	6.0	5.7	6.0	5.7	6.0	6.7	6.3	5.6
BABE	KB	5.7	6.0	5.0	5.0	5.7	5.7	5.7	5.0	5.3	5.3	6.0	5.5
BAR PP 110358	KB	5.0	5.7	5.0	4.7	5.7	5.7	6.0	5.7	5.7	5.3	6.0	5.5
BARRARI	KB	5.3	5.3	5.0	5.3	5.7	5.7	5.7	5.7	5.7	6.0	6.0	5.5
NAI-13-132	KB	4.7	5.3	4.7	4.7	5.3	5.0	5.0	4.7	5.0	5.3	5.3	5.1
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.3	5.3	5.0	5.7	5.7	5.7	5.7	5.3	5.3	6.3	6.3	5.1
LSD VALUE		1.6	1.8	2.1	1.6	1.9	1.4	1.1	1.4	1.3	1.2	1.1	1.1
C.V. (%)		12.6	11.4	14.3	11.9	12.1	10.6	9.6	12.4	11.2	10.5	9.4	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.

TABLE 8A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2018 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/													
		PRE DROUGHT PERCENT COVER		PERCENT GREEN COVER DURING DRY DOWN									
NAME		1/8	5/9	5/31	6/7	6/14	6/21	6/28	7/5	7/12	7/19	7/26	8/2
DLFPS 321/3678	TF	90.7	94.3	95.0	96.0	96.3	98.0	97.7	97.0	97.3	86.3	46.0	84.3
DLFPS 321/3679	TF	88.3	94.7	94.3	96.0	96.7	98.3	97.7	97.3	96.7	86.0	43.0	81.0
PST-K13-141	KB	85.7	96.0	95.0	97.3	97.3	98.7	98.7	99.0	98.3	90.7	43.7	88.3
PST-R511	TF	89.3	94.7	94.3	96.3	97.0	98.7	98.7	97.7	97.7	85.7	42.0	81.0
BAR FA 121095	TF	89.3	91.7	93.0	93.7	94.3	96.0	96.3	95.7	95.3	86.3	37.7	79.3
GO-AOMK	TF	84.0	93.7	93.7	95.0	95.7	97.3	97.0	96.3	95.7	82.7	44.0	79.3
MRS� TF15	TF	90.3	93.7	94.7	96.3	96.3	97.3	97.7	97.0	96.3	81.7	43.3	77.7
THUNDERSTRUCK	TF	88.3	94.3	94.3	95.0	95.7	96.7	96.7	95.7	96.0	85.0	43.7	81.7
KINGDOM	TF	87.3	92.7	94.7	95.3	94.7	96.0	96.3	96.0	95.3	84.7	44.3	84.0
PST-5SDS	TF	85.7	94.0	95.0	96.0	96.3	97.3	97.7	96.7	96.7	88.0	39.3	87.0
RS4	TF	89.0	95.7	94.0	95.7	95.0	96.7	97.3	97.0	97.3	89.0	44.0	86.0
SUPERSONIC	TF	81.0	92.3	94.0	95.7	96.3	98.3	98.0	97.3	96.0	81.3	43.0	81.7
CATALYST	TF	86.0	94.3	95.0	96.0	96.3	98.0	97.3	96.3	96.0	86.7	41.3	85.7
DLFPS 321/3677	TF	87.0	94.7	95.3	96.0	95.7	96.7	97.0	95.3	94.7	83.0	38.7	76.7
LTP-SYN-A3	TF	86.0	95.7	92.7	95.0	96.0	98.0	98.0	97.3	97.3	89.3	35.3	86.0
THOR	TF	88.0	94.0	92.7	94.7	95.7	97.3	97.7	97.3	97.7	89.0	44.3	88.3
NONET	TF	86.3	92.0	92.7	94.0	94.0	96.3	96.0	96.0	96.0	85.7	38.7	81.0
STETSON II	TF	86.7	93.7	93.3	94.3	95.0	96.7	96.0	94.7	94.7	86.7	37.0	79.7
BLUE DEVIL	KB	81.7	94.7	94.3	96.0	95.3	97.3	97.0	97.3	95.7	85.0	40.0	78.7
BLUE NOTE	KB	84.7	95.0	96.3	96.7	97.0	98.0	98.0	97.7	97.3	87.3	42.7	83.0
PST-K11-118	KB	86.7	95.3	94.3	95.7	96.3	98.0	97.7	98.0	97.3	88.3	40.7	84.7
PST-K13-143	KB	84.3	94.7	91.7	94.0	94.7	97.3	97.7	97.3	96.3	85.3	43.0	81.0
MIDNIGHT	KB	81.7	92.0	91.3	93.3	94.3	96.7	97.3	97.3	97.3	85.0	46.7	81.7
EVEREST	KB	79.0	93.3	94.3	95.7	96.0	97.7	98.0	97.7	97.3	83.7	49.0	83.3
PST-K15-169	KB	84.7	93.3	95.3	95.3	95.0	96.7	96.7	95.7	93.7	81.7	44.7	78.0
BARROBUSTO	TF	76.3	90.3	92.7	91.7	87.0	91.7	93.7	91.3	74.3	65.3	24.3	63.7
DAUNTLESS	KB	78.3	93.7	94.3	94.3	93.3	95.7	96.0	95.0	94.0	86.0	33.3	79.3
PST-K13-137	KB	75.0	92.0	90.7	93.7	95.3	97.3	97.3	96.7	97.0	86.0	47.0	84.7
NAI-13-14	KB	80.7	93.3	93.0	94.3	94.0	96.0	96.7	96.3	94.7	84.3	42.0	83.3
TITANIUM 2LS	TF	83.0	93.7	94.3	94.7	92.3	95.0	96.3	94.7	89.3	73.0	26.0	74.0
BABE	KB	74.3	93.3	92.0	93.0	90.3	95.0	96.3	94.7	81.7	75.0	30.3	71.0
BAR PP 110358	KB	82.0	95.3	95.7	96.7	95.3	97.7	98.0	96.3	82.3	67.7	26.7	60.7
BARRARI	KB	82.3	93.0	92.3	94.0	90.7	94.3	95.0	93.0	91.3	83.3	28.7	75.0
NAI-13-132	KB	79.3	92.0	92.0	93.7	90.0	94.3	96.7	95.7	87.7	75.0	34.0	71.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		85.3	93.3	87.3	90.7	92.0	92.3	92.7	86.3	88.7	80.3	39.3	65.7
LSD VALUE		23.1	3.7	5.1	5.0	8.9	6.9	3.7	5.5	28.7	45.5	19.5	36.1
C.V. (%)		8.5	1.8	2.4	2.1	3.5	2.5	1.7	2.8	9.4	13.9	21.0	14.0

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

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

TABLE 8A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2018 DATA

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

		PERCENT GREEN COVER DURING DRY DOWN								PERCENT COVER		
NAME		8/9	8/16	8/23	8/30	9/6	9/13	9/20	9/27	DURING RECOVERY PERIOD		
										10/4	11/2	12/3
DLFPS 321/3678	TF	84.3	50.0	63.3	64.0	64.0	62.7	83.7	81.3	86.7	63.7	67.3
DLFPS 321/3679	TF	83.7	49.7	62.0	64.0	61.3	62.3	86.7	85.7	86.0	66.3	70.7
PST-K13-141	KB	89.7	59.0	73.3	76.0	72.0	71.7	79.0	81.7	86.0	68.3	66.7
PST-R511	TF	84.0	52.7	64.3	65.3	64.7	66.3	89.0	60.7	86.7	72.7	71.0
BAR FA 121095	TF	85.3	53.7	66.0	66.7	64.3	65.7	84.3	80.3	84.0	68.3	69.7
GO-AOMK	TF	81.7	48.0	60.7	61.7	60.7	62.0	84.7	77.3	84.3	61.3	65.0
MRS L TF15	TF	80.0	47.3	57.7	59.3	60.0	61.0	83.7	81.3	86.3	64.3	69.0
THUNDERSTRUCK	TF	83.0	47.7	60.3	61.7	61.0	62.0	84.3	84.0	84.0	62.7	68.7
KINGDOM	TF	84.7	54.7	65.3	67.3	63.7	64.7	83.7	85.7	84.7	65.7	67.0
PST-SSDS	TF	86.7	57.3	68.0	69.0	67.0	66.3	85.3	83.7	84.3	67.3	72.0
RS4	TF	86.7	51.3	65.0	67.7	64.0	65.3	89.0	78.0	86.7	65.7	69.3
SUPERSONIC	TF	83.0	46.7	59.3	61.7	62.3	61.3	84.3	86.7	85.3	66.3	66.0
CATALYST	TF	87.3	57.3	69.0	70.7	69.3	67.7	84.7	81.7	83.7	66.7	72.7
DLFPS 321/3677	TF	82.7	51.7	63.7	64.0	63.0	62.3	85.0	83.0	85.3	59.3	63.0
LTP-SYN-A3	TF	86.3	54.7	67.0	66.7	67.3	66.0	86.0	83.3	85.3	65.3	70.7
THOR	TF	87.0	54.0	66.0	67.3	66.7	65.7	85.7	76.7	84.7	64.3	70.0
NONET	TF	81.7	54.0	65.7	66.0	65.7	65.3	74.3	83.3	81.0	66.0	68.7
STETSON II	TF	83.0	54.3	66.0	67.7	67.7	67.3	79.0	81.3	83.0	67.3	68.0
BLUE DEVIL	KB	81.0	53.7	65.7	67.7	63.3	61.7	75.3	78.0	82.3	63.3	66.3
BLUE NOTE	KB	86.7	58.3	70.0	69.3	65.0	65.0	73.7	66.3	81.0	69.7	71.0
PST-K11-118	KB	86.7	56.7	71.0	70.3	67.7	65.7	75.7	77.0	81.3	69.0	68.7
PST-K13-143	KB	83.3	52.0	65.0	68.0	64.7	64.7	84.0	80.3	83.0	62.3	61.7
MIDNIGHT	KB	82.7	49.7	65.3	66.0	62.7	62.3	81.3	77.3	84.3	59.7	62.7
EVEREST	KB	81.3	50.3	64.3	64.7	63.0	63.3	79.0	75.3	83.7	63.3	66.7
PST-K15-169	KB	79.0	50.3	63.3	63.3	60.3	59.7	72.0	81.3	79.0	59.7	61.0
BARROBUSTO	TF	70.0	49.0	54.0	61.0	59.3	58.3	67.7	76.0	78.7	71.7	72.7
DAUNTLESS	KB	81.7	57.7	69.0	69.3	60.3	60.3	64.3	67.3	74.3	68.3	66.0
PST-K13-137	KB	85.0	50.7	65.0	66.0	61.3	62.3	81.0	75.3	82.3	62.0	64.7
NAI-13-14	KB	82.0	54.3	65.7	67.0	63.0	64.0	79.7	54.0	83.3	63.3	67.7
TITANIUM 2LS	TF	74.3	55.0	64.7	66.7	66.3	61.0	61.7	81.7	79.7	66.0	71.3
BABE	KB	72.0	52.3	58.0	61.3	56.7	56.0	58.3	67.0	75.7	70.3	70.0
BAR PP 110358	KB	64.3	47.3	56.0	56.3	57.3	56.0	63.0	71.7	66.3	70.7	72.0
BARRARI	KB	77.7	56.0	69.7	68.3	68.0	66.0	71.0	63.7	80.7	66.0	62.7
NAI-13-132	KB	67.3	48.3	60.7	61.7	61.7	59.3	57.7	65.3	75.3	62.0	64.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		82.3	50.0	65.7	69.7	63.3	63.0	70.7	81.7	81.7	63.0	71.7
LSD VALUE		45.6	23.6	33.3	32.2	35.7	38.1	47.6	44.5	26.7	7.7	7.1
C.V. (%)		14.2	12.3	13.1	12.0	12.6	13.1	19.0	17.4	9.2	6.0	5.4

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

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

TABLE 8B.

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2018 DATA

		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/										
NAME		GENETIC	QUALITY RATINGS DURING DRY DOWN									
		COLOR	5/31	6/7	6/14	6/21	6/28	7/5	7/12	7/19	7/26	8/2
PST-K13-141	KB	8.3	5.7	6.0	6.0	6.0	6.0	6.7	6.7	6.7	6.7	7.7
BLUE DEVIL	KB	8.3	5.7	6.0	6.0	6.0	6.0	6.3	6.0	5.7	5.7	6.0
BLUE NOTE	KB	6.7	5.7	5.3	5.7	5.0	6.0	6.0	6.3	6.3	6.3	6.7
PST-K11-118	KB	8.3	5.7	5.7	5.3	5.7	5.3	6.0	6.0	6.0	6.0	6.3
PST-K13-143	KB	8.3	5.7	5.3	5.3	5.7	6.0	6.0	5.7	5.7	5.7	7.0
MIDNIGHT	KB	7.3	5.0	5.3	5.7	6.0	5.7	5.7	5.7	6.0	6.0	6.3
EVEREST	KB	8.0	5.7	5.0	5.3	5.3	5.7	5.7	6.0	6.0	6.0	6.3
PST-K15-169	KB	8.0	6.0	5.3	5.7	5.0	5.3	5.7	6.0	5.7	5.7	6.7
DAUNTLESS	KB	8.0	5.7	5.3	5.3	6.0	6.0	6.3	5.3	5.7	5.7	6.0
PST-K13-137	KB	7.7	5.0	5.0	5.3	5.3	6.3	5.3	5.7	5.7	5.7	5.7
NAI-13-14	KB	8.0	5.7	5.3	5.3	6.0	6.0	5.3	5.7	5.0	5.0	5.7
BABE	KB	8.0	5.7	5.0	5.3	5.0	6.0	6.0	5.3	5.0	5.0	6.0
BAR PP 110358	KB	8.0	6.0	5.7	5.3	6.0	5.7	6.0	5.3	4.7	4.7	5.7
BARRARI	KB	8.3	5.3	5.7	5.0	5.0	5.7	5.7	5.3	5.0	5.0	5.7
NAI-13-132	KB	8.3	5.3	5.0	5.0	5.0	5.3	5.3	5.3	4.7	4.7	5.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		7.7	4.7	5.0	5.0	5.3	5.0	5.0	4.3	4.0	4.0	5.0
LSD VALUE		2.7	1.5	1.8	2.4	2.3	1.7	1.4	1.9	1.9	1.9	2.5
C.V. (%)		11.2	10.3	11.6	13.6	14.4	10.6	10.1	13.6	15.6	15.6	16.4

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

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

TABLE 8B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2018 DATA

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

QUALITY RATINGS DURING DRY DOWN										QUALITY RATINGS DURING RECOVERY PERIOD			
NAME		8/9	8/16	8/23	8/30	9/6	9/13	9/20	9/27	10/4	11/2	12/3	MEAN
PST-K13-141	KB	7.0	7.0	7.0	6.7	7.0	7.0	7.0	6.0	6.0	6.0	6.3	6.6
BLUE DEVIL	KB	5.7	6.3	5.0	6.0	6.3	5.7	6.0	5.7	5.7	6.3	6.7	6.0
BLUE NOTE	KB	6.3	6.7	6.0	5.7	6.7	6.3	6.3	5.7	5.7	5.7	6.0	6.0
PST-K11-118	KB	6.0	6.3	5.7	6.0	6.3	6.3	6.0	5.3	5.7	6.3	6.3	6.0
PST-K13-143	KB	6.0	6.7	6.0	6.0	6.7	6.3	6.0	5.3	6.0	6.0	6.7	6.0
MIDNIGHT	KB	6.0	6.0	5.7	6.0	6.3	6.0	6.0	5.3	5.7	6.3	6.3	5.9
EVEREST	KB	5.7	6.3	5.3	5.7	6.3	6.0	6.0	5.7	5.7	6.0	6.0	5.8
PST-K15-169	KB	6.0	6.7	5.3	5.7	6.3	6.0	6.0	5.3	5.3	6.0	6.0	5.8
DAUNTLESS	KB	5.7	6.0	5.0	5.3	6.0	5.3	5.7	5.7	5.7	6.0	5.7	5.7
PST-K13-137	KB	5.7	6.0	5.3	5.3	6.3	6.0	6.0	5.3	5.7	6.0	5.7	5.7
NAI-13-14	KB	5.7	6.0	5.0	5.7	6.0	6.0	6.0	5.7	5.3	5.7	6.0	5.6
BABE	KB	5.7	6.0	5.0	5.0	5.7	5.7	5.7	5.0	5.3	5.3	6.0	5.5
BAR PP 110358	KB	5.0	5.7	5.0	4.7	5.7	5.7	6.0	5.7	5.7	5.3	6.0	5.5
BARRARI	KB	5.3	5.3	5.0	5.3	5.7	5.7	5.7	5.7	5.7	6.0	6.0	5.5
NAI-13-132	KB	4.7	5.3	4.7	4.7	5.3	5.0	5.0	4.7	5.0	5.3	5.3	5.1
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.3	5.3	5.0	5.7	5.7	5.7	5.7	5.3	5.3	6.3	6.3	5.1
LSD VALUE		1.3	2.2	2.3	2.0	2.5	1.6	1.9	2.4	3.1	2.2	2.0	1.6
C.V. (%)		12.0	13.3	16.5	14.2	13.9	11.1	11.5	13.4	15.4	12.1	10.9	10.3

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

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

TABLE 8B. PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 80% OF ET
(CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2018 DATA

		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/											
		PRE DROUGHT PERCENT COVER		PERCENT GREEN COVER DURING DRY DOWN									
NAME		1/8	5/9	5/31	6/7	6/14	6/21	6/28	7/5	7/12	7/19	7/26	8/2
PST-K13-141	KB	85.7	96.0	95.0	97.3	97.3	98.7	98.7	99.0	98.3	90.7	43.7	88.3
BLUE DEVIL	KB	81.7	94.7	94.3	96.0	95.3	97.3	97.0	97.3	95.7	85.0	40.0	78.7
BLUE NOTE	KB	84.7	95.0	96.3	96.7	97.0	98.0	98.0	97.7	97.3	87.3	42.7	83.0
PST-K11-118	KB	86.7	95.3	94.3	95.7	96.3	98.0	97.7	98.0	97.3	88.3	40.7	84.7
PST-K13-143	KB	84.3	94.7	91.7	94.0	94.7	97.3	97.7	97.3	96.3	85.3	43.0	81.0
MIDNIGHT	KB	81.7	92.0	91.3	93.3	94.3	96.7	97.3	97.3	97.3	85.0	46.7	81.7
EVEREST	KB	79.0	93.3	94.3	95.7	96.0	97.7	98.0	97.7	97.3	83.7	49.0	83.3
PST-K15-169	KB	84.7	93.3	95.3	95.3	95.0	96.7	96.7	95.7	93.7	81.7	44.7	78.0
DAUNTLESS	KB	78.3	93.7	94.3	94.3	93.3	95.7	96.0	95.0	94.0	86.0	33.3	79.3
PST-K13-137	KB	75.0	92.0	90.7	93.7	95.3	97.3	97.3	96.7	97.0	86.0	47.0	84.7
NAI-13-14	KB	80.7	93.3	93.0	94.3	94.0	96.0	96.7	96.3	94.7	84.3	42.0	83.3
BABE	KB	74.3	93.3	92.0	93.0	90.3	95.0	96.3	94.7	81.7	75.0	30.3	71.0
BAR PP 110358	KB	82.0	95.3	95.7	96.7	95.3	97.7	98.0	96.3	82.3	67.7	26.7	60.7
BARRARI	KB	82.3	93.0	92.3	94.0	90.7	94.3	95.0	93.0	91.3	83.3	28.7	75.0
NAI-13-132	KB	79.3	92.0	92.0	93.7	90.0	94.3	96.7	95.7	87.7	75.0	34.0	71.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		85.3	93.3	87.3	90.7	92.0	92.3	92.7	86.3	88.7	80.3	39.3	65.7
LSD VALUE		24.7	5.1	5.7	5.0	8.7	6.5	3.7	6.3	30.9	44.7	20.2	43.5
C.V. (%)		9.6	2.1	2.9	2.3	3.6	2.6	1.8	3.3	11.0	16.4	22.5	18.5

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 8B. (CONT'D)		PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 80% OF ET IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/ 2018 DATA										
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/												
NAME		8/9	8/16	PERCENT GREEN COVER DURING DRY DOWN					PERCENT COVER			
				8/23	8/30	9/6	9/13	9/20	9/27	DURING 10/4	RECOVERY 11/2	PERIOD 12/3
PST-K13-141	KB	89.7	59.0	73.3	76.0	72.0	71.7	79.0	81.7	86.0	68.3	66.7
BLUE DEVIL	KB	81.0	53.7	65.7	67.7	63.3	61.7	75.3	78.0	82.3	63.3	66.3
BLUE NOTE	KB	86.7	58.3	70.0	69.3	65.0	65.0	73.7	66.3	81.0	69.7	71.0
PST-K11-118	KB	86.7	56.7	71.0	70.3	67.7	65.7	75.7	77.0	81.3	69.0	68.7
PST-K13-143	KB	83.3	52.0	65.0	68.0	64.7	64.7	84.0	80.3	83.0	62.3	61.7
MIDNIGHT	KB	82.7	49.7	65.3	66.0	62.7	62.3	81.3	77.3	84.3	59.7	62.7
EVEREST	KB	81.3	50.3	64.3	64.7	63.0	63.3	79.0	75.3	83.7	63.3	66.7
PST-K15-169	KB	79.0	50.3	63.3	63.3	60.3	59.7	72.0	81.3	79.0	59.7	61.0
DAUNTLESS	KB	81.7	57.7	69.0	69.3	60.3	60.3	64.3	67.3	74.3	68.3	66.0
PST-K13-137	KB	85.0	50.7	65.0	66.0	61.3	62.3	81.0	75.3	82.3	62.0	64.7
NAI-13-14	KB	82.0	54.3	65.7	67.0	63.0	64.0	79.7	54.0	83.3	63.3	67.7
BABE	KB	72.0	52.3	58.0	61.3	56.7	56.0	58.3	67.0	75.7	70.3	70.0
BAR PP 110358	KB	64.3	47.3	56.0	56.3	57.3	56.0	63.0	71.7	66.3	70.7	72.0
BARRARI	KB	77.7	56.0	69.7	68.3	68.0	66.0	71.0	63.7	80.7	66.0	62.7
NAI-13-132	KB	67.3	48.3	60.7	61.7	61.7	59.3	57.7	65.3	75.3	62.0	64.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		82.3	50.0	65.7	69.7	63.3	63.0	70.7	81.7	81.7	63.0	71.7
LSD VALUE		46.6	27.0	34.2	34.4	36.5	36.1	51.9	48.1	33.0	7.0	6.8
C.V. (%)		18.3	15.7	16.0	15.7	16.7	16.7	23.0	21.7	13.0	5.8	5.4

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

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

TABLE 8C.

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2018 DATA

		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/										
		GENETIC	QUALITY RATINGS DURING DRY DOWN									
NAME		COLOR	5/31	6/7	6/14	6/21	6/28	7/5	7/12	7/19	7/26	8/2
DLFPS 321/3678	TF	8.0	5.7	6.0	6.7	6.7	6.3	6.3	6.7	6.0	6.0	7.0
DLFPS 321/3679	TF	8.0	5.3	5.7	6.3	6.3	6.0	6.0	6.7	6.0	6.0	7.0
PST-R511	TF	8.7	5.3	6.0	6.3	6.3	6.0	6.3	6.3	6.3	6.3	6.7
BAR FA 121095	TF	8.0	5.3	6.3	6.3	5.7	6.3	6.3	6.3	6.0	6.0	6.7
GO-AOMK	TF	8.0	5.7	6.7	6.3	6.3	6.0	6.3	6.7	6.0	6.0	6.7
MRSI TF15	TF	7.7	5.7	5.7	6.3	6.0	6.0	6.3	6.7	5.7	5.7	6.7
THUNDERSTRUCK	TF	8.3	5.7	6.3	6.0	6.0	6.0	6.0	6.3	6.0	6.0	7.0
KINGDOM	TF	8.3	5.7	5.7	6.0	6.0	5.7	6.3	6.3	6.0	6.0	7.0
PST-5SDS	TF	7.7	5.7	6.0	6.3	6.0	6.0	6.0	6.0	6.0	6.0	7.0
RS4	TF	8.3	5.3	5.7	5.0	5.0	5.7	6.0	6.0	6.0	6.0	7.0
SUPERSONIC	TF	8.0	5.3	6.0	6.7	6.3	6.0	6.3	6.3	5.7	5.7	6.7
CATALYST	TF	8.0	5.7	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.7
DLFPS 321/3677	TF	8.0	5.7	6.7	6.0	6.3	6.0	6.0	5.7	5.7	5.7	6.0
LTP-SYN-A3	TF	8.0	5.0	5.3	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.3
THOR	TF	8.0	5.3	6.0	5.7	5.7	6.0	6.3	6.3	5.7	5.7	6.3
NONET	TF	8.7	5.3	6.0	5.7	5.7	5.7	5.7	6.3	6.0	6.0	5.7
STETSON II	TF	8.0	5.3	5.7	6.0	5.7	6.0	6.0	5.7	6.0	6.0	6.3
BARROBUSTO	TF	8.0	5.3	5.7	5.7	5.3	5.7	5.7	5.0	4.7	4.7	5.3
TITANIUM 2LS	TF	7.7	5.3	5.7	5.7	5.3	5.7	5.7	5.3	4.7	4.7	5.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		7.7	4.7	5.0	5.0	5.3	5.0	5.0	4.3	4.0	4.0	5.0
LSD VALUE		2.5	1.3	1.8	1.7	2.8	1.4	1.2	1.3	1.0	1.0	1.6
C.V. (%)		8.5	8.1	11.0	11.0	14.5	8.0	8.1	10.8	9.8	9.8	11.6

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

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

TABLE 8C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2018 DATA

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

		QUALITY RATINGS DURING DRY DOWN								QUALITY RATINGS DURING RECOVERY PERIOD				
NAME		8/9	8/16	8/23	8/30	9/6	9/13	9/20	9/27	10/4	11/2	12/3	MEAN	
DLFPS 321/3678	TF	6.7	6.3	5.7	6.3	7.3	7.0	7.0	6.7	6.7	8.0	8.0	6.6	
DLFPS 321/3679	TF	6.3	7.0	6.3	6.3	7.3	7.0	7.0	6.3	7.0	7.7	7.7	6.6	
PST-R511	TF	6.3	7.0	6.0	6.3	7.3	7.3	7.3	7.0	7.0	7.7	7.7	6.6	
BAR FA 121095	TF	6.7	6.7	6.3	6.7	7.0	6.7	7.0	7.0	6.7	7.3	7.0	6.5	
GO-AOMK	TF	6.3	6.7	6.0	6.3	7.3	6.3	7.0	7.0	7.0	7.0	7.0	6.5	
MRSI TF15	TF	6.7	6.7	6.0	6.3	7.0	7.0	7.0	7.0	7.0	7.3	7.3	6.5	
THUNDERSTRUCK	TF	7.0	7.0	6.3	6.7	7.3	7.0	7.0	7.0	7.0	7.0	6.7	6.5	
KINGDOM	TF	6.3	7.0	5.3	6.7	7.0	6.3	7.0	7.0	7.0	7.7	7.0	6.4	
PST-5SDS	TF	6.0	6.7	5.7	6.0	7.3	6.3	7.0	7.0	7.0	7.7	7.0	6.4	
RS4	TF	6.7	7.0	6.7	6.3	7.7	7.0	7.3	7.0	6.7	8.0	6.7	6.4	
SUPERSONIC	TF	6.0	6.7	6.0	6.0	7.0	7.0	6.7	5.7	7.0	7.7	7.3	6.4	
CATALYST	TF	6.3	6.0	5.3	6.3	7.0	6.7	7.0	7.0	6.7	7.3	7.0	6.3	
DLFPS 321/3677	TF	6.3	6.7	6.0	6.0	7.0	6.3	6.7	6.7	6.3	8.0	7.7	6.3	
LTP-SYN-A3	TF	6.3	6.7	6.3	6.0	7.0	6.7	7.0	6.7	7.0	7.3	7.3	6.3	
THOR	TF	6.7	6.7	5.7	6.0	7.0	6.3	7.0	7.0	6.3	8.0	7.3	6.3	
NONET	TF	6.0	6.3	5.3	6.0	7.0	6.3	6.7	6.0	6.3	6.7	7.0	6.1	
STETSON II	TF	5.7	6.3	5.7	5.7	6.7	6.3	7.0	7.0	6.7	7.0	7.0	6.1	
BARROBUSTO	TF	5.7	6.0	5.3	5.3	6.3	6.3	6.3	6.0	6.3	6.7	6.7	5.7	
TITANIUM 2LS	TF	5.3	5.3	5.0	5.3	6.0	5.7	6.0	5.7	6.0	6.7	6.3	5.6	
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.3	5.3	5.0	5.7	5.7	5.7	5.7	5.3	5.3	6.3	6.3	5.1	
LSD VALUE		1.9	1.5	1.7	1.6	2.0	1.5	1.2	1.7	1.1	1.5	1.4	1.0	
C.V. (%)		13.0	10.0	11.6	9.7	10.6	9.4	7.7	11.1	7.9	8.9	8.5	7.4	

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

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

TABLE 8C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2018 DATA

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

NAME		PRE DROUGHT PERCENT COVER		PERCENT GREEN COVER DURING DRY DOWN									
		1/8	5/9	5/31	6/7	6/14	6/21	6/28	7/5	7/12	7/19	7/26	8/2
DLFPS 321/3678	TF	90.7	94.3	95.0	96.0	96.3	98.0	97.7	97.0	97.3	86.3	46.0	84.3
DLFPS 321/3679	TF	88.3	94.7	94.3	96.0	96.7	98.3	97.7	97.3	96.7	86.0	43.0	81.0
PST-R511	TF	89.3	94.7	94.3	96.3	97.0	98.7	98.7	97.7	97.7	85.7	42.0	81.0
BAR FA 121095	TF	89.3	91.7	93.0	93.7	94.3	96.0	96.3	95.7	95.3	86.3	37.7	79.3
GO-AOMK	TF	84.0	93.7	93.7	95.0	95.7	97.3	97.0	96.3	95.7	82.7	44.0	79.3
MRS� TF15	TF	90.3	93.7	94.7	96.3	96.3	97.3	97.7	97.0	96.3	81.7	43.3	77.7
THUNDERSTRUCK	TF	88.3	94.3	94.3	95.0	95.7	96.7	96.7	95.7	96.0	85.0	43.7	81.7
KINGDOM	TF	87.3	92.7	94.7	95.3	94.7	96.0	96.3	96.0	95.3	84.7	44.3	84.0
PST-5SDS	TF	85.7	94.0	95.0	96.0	96.3	97.3	97.7	96.7	96.7	88.0	39.3	87.0
RS4	TF	89.0	95.7	94.0	95.7	95.0	96.7	97.3	97.0	97.3	89.0	44.0	86.0
SUPERSONIC	TF	81.0	92.3	94.0	95.7	96.3	98.3	98.0	97.3	96.0	81.3	43.0	81.7
CATALYST	TF	86.0	94.3	95.0	96.0	96.3	98.0	97.3	96.3	96.0	86.7	41.3	85.7
DLFPS 321/3677	TF	87.0	94.7	95.3	96.0	95.7	96.7	97.0	95.3	94.7	83.0	38.7	76.7
LTP-SYN-A3	TF	86.0	95.7	92.7	95.0	96.0	98.0	98.0	97.3	97.3	89.3	35.3	86.0
THOR	TF	88.0	94.0	92.7	94.7	95.7	97.3	97.7	97.3	97.7	89.0	44.3	88.3
NONET	TF	86.3	92.0	92.7	94.0	94.0	96.3	96.0	96.0	96.0	85.7	38.7	81.0
STETSON II	TF	86.7	93.7	93.3	94.3	95.0	96.7	96.0	94.7	94.7	86.7	37.0	79.7
BARROBUSTO	TF	76.3	90.3	92.7	91.7	87.0	91.7	93.7	91.3	74.3	65.3	24.3	63.7
TITANIUM 2LS	TF	83.0	93.7	94.3	94.7	92.3	95.0	96.3	94.7	89.3	73.0	26.0	74.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		85.3	93.3	87.3	90.7	92.0	92.3	92.7	86.3	88.7	80.3	39.3	65.7
LSD VALUE		21.1	2.7	4.1	5.3	8.0	7.2	3.6	5.8	18.6	28.5	16.8	16.4
C.V. (%)		7.6	1.5	2.1	2.2	3.4	2.9	1.8	3.0	7.9	11.6	18.7	9.6

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

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

TABLE 8C. PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 80% OF ET
(CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2018 DATA

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

		PERCENT GREEN COVER DURING DRY DOWN								PERCENT COVER		
NAME		8/9	8/16	8/23	8/30	9/6	9/13	9/20	9/27	DURING RECOVERY PERIOD		
										10/4	11/2	12/3
DLFPS 321/3678	TF	84.3	50.0	63.3	64.0	64.0	62.7	83.7	81.3	86.7	63.7	67.3
DLFPS 321/3679	TF	83.7	49.7	62.0	64.0	61.3	62.3	86.7	85.7	86.0	66.3	70.7
PST-R511	TF	84.0	52.7	64.3	65.3	64.7	66.3	89.0	60.7	86.7	72.7	71.0
BAR FA 121095	TF	85.3	53.7	66.0	66.7	64.3	65.7	84.3	80.3	84.0	68.3	69.7
GO-AOMK	TF	81.7	48.0	60.7	61.7	60.7	62.0	84.7	77.3	84.3	61.3	65.0
MRSI TF15	TF	80.0	47.3	57.7	59.3	60.0	61.0	83.7	81.3	86.3	64.3	69.0
THUNDERSTRUCK	TF	83.0	47.7	60.3	61.7	61.0	62.0	84.3	84.0	84.0	62.7	68.7
KINGDOM	TF	84.7	54.7	65.3	67.3	63.7	64.7	83.7	85.7	84.7	65.7	67.0
PST-5SDS	TF	86.7	57.3	68.0	69.0	67.0	66.3	85.3	83.7	84.3	67.3	72.0
RS4	TF	86.7	51.3	65.0	67.7	64.0	65.3	89.0	78.0	86.7	65.7	69.3
SUPERSONIC	TF	83.0	46.7	59.3	61.7	62.3	61.3	84.3	86.7	85.3	66.3	66.0
CATALYST	TF	87.3	57.3	69.0	70.7	69.3	67.7	84.7	81.7	83.7	66.7	72.7
DLFPS 321/3677	TF	82.7	51.7	63.7	64.0	63.0	62.3	85.0	83.0	85.3	59.3	63.0
LTP-SYN-A3	TF	86.3	54.7	67.0	66.7	67.3	66.0	86.0	83.3	85.3	65.3	70.7
THOR	TF	87.0	54.0	66.0	67.3	66.7	65.7	85.7	76.7	84.7	64.3	70.0
NONET	TF	81.7	54.0	65.7	66.0	65.7	65.3	74.3	83.3	81.0	66.0	68.7
STETSON II	TF	83.0	54.3	66.0	67.7	67.7	67.3	79.0	81.3	83.0	67.3	68.0
BARROBUSTO	TF	70.0	49.0	54.0	61.0	59.3	58.3	67.7	76.0	78.7	71.7	72.7
TITANIUM 2LS	TF	74.3	55.0	64.7	66.7	66.3	61.0	61.7	81.7	79.7	66.0	71.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		82.3	50.0	65.7	69.7	63.3	63.0	70.7	81.7	81.7	63.0	71.7
LSD VALUE		25.0	11.4	18.6	12.2	16.3	19.9	30.6	33.2	15.6	8.9	8.2
C.V. (%)		9.6	8.9	9.9	7.1	8.1	8.9	13.9	13.0	5.6	6.0	5.0

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

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

TABLE 9A.

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

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

NAME		GENETIC COLOR	SPRING GREENUP	PREDROUGHT QUALITY RATINGS				QUALITY RATINGS DURING DRY DOWN			
				4/30	5/10	5/24	5/30	6/5	6/14	6/19	6/26
SR 4650 (P.RYEGRASS STANDARD ENTRY)		8.7	66.7	6.3	8.0	8.3	9.0	9.0	9.0	9.0	9.0
PST-5SDS	TF	7.0	56.7	6.7	7.3	8.0	7.7	7.3	8.0	7.7	8.0
CATALYST	TF	7.3	51.7	6.7	7.0	7.0	7.0	7.0	7.7	7.7	8.0
DLFPS 321/3678	TF	7.3	51.7	5.3	7.0	7.0	7.7	7.3	7.7	8.0	8.0
PST-R511	TF	7.3	51.7	6.7	7.0	7.0	7.3	7.0	8.0	8.0	8.0
THOR	TF	6.7	46.7	5.7	7.3	7.7	7.7	7.3	8.0	8.0	8.0
DLFPS 321/3677	TF	7.0	56.7	6.3	7.0	7.3	7.3	7.3	7.7	7.7	8.0
LTP-SYN-A3	TF	7.3	55.0	6.7	7.3	7.0	7.3	7.0	7.7	8.0	8.0
BARROBUSTO	TF	6.7	53.3	6.3	7.0	7.0	7.7	6.7	7.7	7.7	7.7
PST-K11-118	KB	5.7	55.0	4.0	7.3	7.7	7.3	6.7	6.0	6.7	7.7
RS4	TF	6.7	53.3	6.0	6.7	6.7	7.3	7.0	7.3	8.0	8.0
SUPERSONIC	TF	7.3	56.7	6.7	7.3	7.7	7.3	7.3	7.3	7.7	7.3
THUNDERSTRUCK	TF	7.0	51.7	5.3	7.0	7.3	7.7	8.0	8.0	8.0	8.0
TITANIUM 2LS	TF	7.0	51.7	6.3	6.7	7.3	8.0	7.7	7.0	7.7	7.7
KINGDOM	TF	7.0	51.7	4.7	6.7	6.0	7.0	7.0	7.0	8.0	8.0
NONET	TF	7.0	53.3	6.0	6.7	7.0	7.0	7.0	7.3	7.7	7.3
PST-K13-141	KB	6.3	51.7	3.7	6.7	7.0	6.7	6.3	5.3	6.7	7.7
DLFPS 321/3679	TF	6.7	53.3	5.7	7.0	7.0	7.7	7.7	7.7	7.3	8.0
STETSON II	TF	7.0	51.7	6.3	7.0	7.3	7.3	7.0	7.3	7.7	8.0
GO-AOMK	TF	7.3	53.3	5.7	6.7	7.3	7.7	7.3	7.3	7.3	8.0
PST-K15-169	KB	5.3	60.0	4.0	6.7	7.0	7.3	6.3	6.7	6.3	7.7
BARRARI	KB	5.3	53.3	4.7	6.3	6.7	6.7	6.0	5.3	5.7	6.7
BLUE NOTE	KB	5.7	58.3	4.3	7.0	7.0	6.7	5.7	5.0	6.0	6.0
MRS� TF15	TF	7.3	51.7	5.7	7.0	6.3	6.7	7.3	7.3	7.7	7.3
NAI-13-14	KB	5.7	58.3	2.7	6.7	8.0	8.3	7.0	5.7	6.3	7.7
BAR FA 121095	TF	7.3	50.0	5.0	6.3	5.7	6.3	6.0	6.0	7.0	7.3
BAR PP 110358	KB	5.7	53.3	4.3	7.0	7.7	7.7	7.3	6.3	6.7	6.3
MIDNIGHT	KB	5.7	51.7	2.7	6.7	8.0	8.7	7.0	4.7	5.3	8.0
BLUE DEVIL	KB	5.0	51.7	3.3	6.7	7.3	7.7	6.0	4.7	6.0	7.3
PST-K13-143	KB	5.7	50.0	4.7	6.7	6.3	6.3	5.0	4.0	4.7	6.0
DAUNTLESS	KB	5.0	55.0	3.7	7.0	6.7	6.7	4.7	4.7	5.3	6.0
EVEREST	KB	5.3	51.7	3.0	5.7	6.7	7.7	6.3	5.0	6.7	7.7
BABE	KB	5.0	51.7	3.3	6.7	6.3	7.0	5.3	3.7	4.7	6.7
NAI-13-132	KB	6.0	48.3	2.3	6.0	7.0	7.7	6.0	4.3	5.3	7.0
PST-K13-137	KB	6.0	60.0	3.3	7.0	6.7	7.0	6.3	5.0	6.0	7.0
LSD VALUE		1.0	7.9	0.8	1.1	1.3	1.7	1.5	1.2	1.1	0.9
C.V. (%)		9.9	7.7	11.2	7.4	9.3	10.2	12.5	11.9	9.9	7.2

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

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

TABLE 9A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

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

NAME		7/4	7/10	7/17	QUALITY RATINGS DURING DRY DOWN						9/13
					7/24	7/30	8/5	8/14	8/19	8/27	
SR 4650 (P.RYEGRASS STANDARD ENTRY)		7.7	5.3	5.3	5.0	4.7	5.7	4.7	4.3	4.3	4.7
PST-5SDS	TF	7.3	7.0	7.0	5.7	5.7	6.0	4.7	4.3	5.0	4.7
CATALYST	TF	8.0	6.3	6.7	5.3	5.7	6.0	5.0	4.3	5.0	5.0
DLFPS 321/3678	TF	7.7	6.7	6.3	5.7	5.3	5.3	4.7	4.7	5.0	4.7
PST-R511	TF	7.3	5.7	6.0	5.3	5.3	5.3	4.7	4.7	5.3	4.3
THOR	TF	7.7	7.0	6.7	5.3	5.3	5.3	5.0	4.0	5.0	5.0
DLFPS 321/3677	TF	7.7	6.7	6.3	5.3	4.7	5.7	4.7	4.3	4.7	4.3
LTP-SYN-A3	TF	7.7	6.3	6.7	5.3	5.3	5.3	5.0	4.3	5.0	4.3
BARROBUSTO	TF	7.7	6.3	6.3	5.0	5.3	5.7	4.7	4.3	4.7	4.3
PST-K11-118	KB	7.0	5.3	5.3	4.7	5.0	5.7	4.0	4.0	5.0	4.7
RS4	TF	7.0	6.0	6.0	5.0	4.7	5.7	4.7	4.3	4.7	4.3
SUPERSONIC	TF	7.0	6.3	6.0	5.0	5.0	5.7	4.7	4.0	4.7	4.3
THUNDERSTRUCK	TF	7.3	6.3	5.7	4.7	5.0	5.0	5.0	4.3	4.7	4.3
TITANIUM 2LS	TF	7.3	5.3	5.7	4.3	4.7	5.0	5.0	4.3	4.7	4.7
KINGDOM	TF	7.3	6.0	6.3	5.0	5.0	5.3	4.3	4.3	4.7	4.3
NONET	TF	7.0	6.0	6.7	5.7	4.7	5.7	4.7	4.0	4.7	4.3
PST-K13-141	KB	7.3	5.0	6.0	5.7	5.7	5.3	4.3	4.3	4.7	4.3
DLFPS 321/3679	TF	7.0	5.7	6.0	4.7	4.7	5.0	4.0	4.0	4.3	4.0
STETSON II	TF	7.3	5.3	5.7	5.0	4.3	5.0	4.3	3.3	4.3	3.7
GO-AOMK	TF	7.3	5.3	5.7	4.7	4.3	5.0	4.0	3.3	3.3	3.3
PST-K15-169	KB	7.0	5.0	5.3	4.7	4.3	4.3	4.0	4.0	4.0	4.0
BARRARI	KB	7.0	5.0	5.3	4.7	5.0	4.3	4.0	3.0	3.0	3.0
BLUE NOTE	KB	6.0	4.7	4.3	4.7	5.3	5.0	3.7	3.3	4.0	3.3
MRSI TF15	TF	6.3	5.0	5.3	4.0	4.3	4.7	4.0	3.3	4.0	3.7
NAI-13-14	KB	6.7	4.7	4.7	5.0	4.3	5.0	3.7	3.7	4.0	3.3
BAR FA 121095	TF	7.0	5.0	5.7	4.7	4.3	4.7	3.7	4.0	4.0	3.7
BAR PP 110358	KB	6.0	4.3	4.3	4.0	4.3	4.7	3.3	3.3	4.0	3.3
MIDNIGHT	KB	6.3	4.3	4.3	5.0	4.7	5.3	4.0	3.7	4.0	3.7
BLUE DEVIL	KB	6.7	4.0	4.3	4.3	4.3	5.3	3.7	4.0	4.3	3.3
PST-K13-143	KB	6.0	3.7	5.0	4.7	5.0	4.7	3.7	3.0	4.0	3.0
DAUNTLESS	KB	6.0	4.0	5.0	4.7	5.0	5.0	3.3	3.3	3.3	3.7
EVEREST	KB	7.0	4.3	4.7	4.0	4.7	5.0	3.3	3.0	3.3	3.3
BABE	KB	6.3	4.7	4.7	4.3	5.0	4.7	3.7	3.3	4.0	3.7
NAI-13-132	KB	7.0	3.7	4.0	4.0	4.3	4.7	3.3	3.3	3.3	3.3
PST-K13-137	KB	6.3	4.0	4.7	4.0	4.3	4.3	3.7	3.3	3.0	2.7
LSD VALUE		1.2	1.2	1.5	1.1	1.6	1.9	1.2	1.2	1.2	0.9
C.V. (%)		8.9	14.1	14.8	11.9	12.7	13.4	14.5	15.5	15.5	13.8

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

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

TABLE 9A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

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

NAME		QUALITY RATINGS 9/12	9/17	DURING DRY DOWN 9/25	10/17	QUALITY RATINGS 10/3	10/9	DURING RECOVERY PERIOD 10/17	10/22	10/29	11/25	MEAN
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.0	4.0	4.0	5.0	4.3	4.7	5.0	5.3	5.0	5.0	6.0
PST-5SDS	TF	3.3	3.3	3.3	4.0	3.3	3.7	4.0	3.3	3.7	1.7	5.6
CATALYST	TF	4.0	3.7	3.3	3.7	2.7	3.3	3.7	3.3	3.7	2.0	5.4
DLFPS 321/3678	TF	3.3	3.3	3.3	4.0	3.3	3.3	4.0	3.3	3.7	1.3	5.4
PST-R511	TF	3.3	3.0	3.7	3.7	3.0	3.3	3.7	3.7	4.3	2.3	5.4
THOR	TF	4.0	3.3	3.3	3.7	3.3	3.3	3.7	3.0	3.3	1.7	5.4
DLFPS 321/3677	TF	3.3	3.0	3.3	3.7	3.0	3.3	3.7	3.0	3.3	1.3	5.3
LTP-SYN-A3	TF	2.7	3.0	3.3	3.7	2.7	3.3	3.7	3.3	3.7	1.3	5.3
BARROBUSTO	TF	3.3	2.7	3.0	3.3	2.7	3.0	3.3	3.3	3.3	1.3	5.2
PST-K11-118	KB	4.0	3.7	4.0	4.7	3.3	3.3	4.7	4.7	4.7	1.7	5.2
RS4	TF	3.3	3.3	3.7	4.0	3.0	3.3	4.0	3.3	4.0	2.0	5.2
SUPERSONIC	TF	3.3	3.3	3.3	3.7	2.3	3.3	3.7	3.3	4.0	2.0	5.2
THUNDERSTRUCK	TF	3.0	2.7	3.0	3.3	2.3	3.3	3.3	3.3	3.3	1.3	5.2
TITANIUM 2LS	TF	3.3	3.0	3.3	3.3	3.0	3.3	3.3	3.0	3.3	1.7	5.1
KINGDOM	TF	3.3	2.7	3.3	3.7	2.7	2.7	3.7	3.0	3.0	1.3	5.0
NONET	TF	3.0	3.0	3.0	3.3	2.0	2.3	3.3	2.7	3.0	1.3	5.0
PST-K13-141	KB	3.3	3.0	3.3	4.3	3.0	3.3	4.3	4.0	4.3	2.0	5.0
DLFPS 321/3679	TF	2.3	2.0	3.0	3.3	2.0	2.7	3.3	3.3	3.0	1.3	4.9
STETSON II	TF	2.7	2.3	2.7	3.0	2.3	2.3	3.0	3.3	3.3	1.3	4.9
GO-AOMK	TF	2.0	2.0	2.0	3.0	2.0	2.3	3.0	3.0	3.0	1.3	4.7
PST-K15-169	KB	3.3	2.7	3.3	3.3	2.3	2.7	3.3	3.3	3.3	1.7	4.7
BARRARI	KB	2.7	2.3	3.3	4.7	3.0	3.0	4.7	4.7	4.7	2.7	4.6
BLUE NOTE	KB	3.3	2.3	3.3	4.0	2.7	3.3	4.0	4.0	4.0	1.7	4.6
MRSI TF15	TF	2.3	2.7	2.3	3.0	2.3	2.3	3.0	3.0	3.0	1.3	4.6
NAI-13-14	KB	2.7	2.3	3.0	3.3	2.0	2.7	3.3	3.0	3.3	1.0	4.6
BAR FA 121095	TF	2.0	2.3	2.3	3.7	2.0	2.3	3.7	3.0	2.7	1.3	4.5
BAR PP 110358	KB	3.0	2.7	3.0	3.3	2.3	2.3	3.3	3.7	3.7	1.7	4.5
MIDNIGHT	KB	3.0	2.7	3.3	3.0	2.3	2.7	3.0	3.0	3.0	1.3	4.5
BLUE DEVIL	KB	2.7	2.7	2.7	3.3	2.3	2.7	3.3	3.0	3.3	1.7	4.4
PST-K13-143	KB	2.7	2.7	3.3	4.3	3.0	3.0	4.3	4.3	4.0	1.0	4.4
DAUNTLESS	KB	3.3	3.0	3.0	3.3	2.7	3.0	3.3	3.7	3.7	1.0	4.3
EVEREST	KB	3.0	2.0	2.7	3.3	2.0	2.0	3.3	3.7	4.0	1.3	4.3
BABE	KB	2.7	2.3	3.0	3.3	2.3	2.7	3.3	3.3	3.3	1.0	4.2
NAI-13-132	KB	2.7	2.0	2.3	3.3	2.0	2.3	3.3	3.0	3.7	1.0	4.1
PST-K13-137	KB	3.3	1.7	1.7	3.3	1.7	2.0	3.3	3.0	3.3	1.3	4.1
LSD VALUE		1.6	1.1	1.1	0.9	1.0	0.9	0.9	0.7	0.9	0.8	0.5
C.V. (%)		22.1	21.2	18.3	13.7	21.7	18.1	13.7	13.2	14.0	29.9	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 9A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

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

		PERCENT GREEN COVER DURING DRY DOWN										
NAME		6/6	6/13	6/20	6/28	7/4	7/11	7/18	7/28	8/1	8/7	8/16
SR 4650 (P.RYEGRASS STANDARD ENTRY)		93.3	95.0	93.3	93.3	78.3	78.3	71.7	65.0	73.3	70.0	45.0
PST-5SDS	TF	95.0	93.3	95.0	93.3	86.7	88.3	83.3	78.3	75.0	68.3	41.7
CATALYST	TF	93.3	88.3	95.0	95.0	88.3	81.7	81.7	76.7	80.0	68.3	41.7
DLFPS 321/3678	TF	95.0	91.7	95.0	95.0	86.7	83.3	78.3	78.3	76.7	60.0	40.0
PST-R511	TF	93.3	88.3	95.0	95.0	86.7	81.7	78.3	71.7	73.3	61.7	38.3
THOR	TF	95.0	91.7	95.0	95.0	86.7	85.0	78.3	76.7	76.7	65.0	46.7
DLFPS 321/3677	TF	95.0	90.0	95.0	93.3	86.7	86.7	81.7	75.0	76.7	60.0	46.7
LTP-SYN-A3	TF	95.0	91.7	95.0	95.0	90.0	86.7	83.3	75.0	76.7	58.3	41.7
BARROBUSTO	TF	93.3	88.3	95.0	95.0	90.0	85.0	81.7	73.3	71.7	56.7	38.3
PST-K11-118	KB	76.7	60.0	93.3	90.0	70.0	61.7	66.7	71.7	78.3	73.3	45.0
RS4	TF	91.7	90.0	95.0	95.0	85.0	80.0	76.7	73.3	73.3	63.3	41.7
SUPERSONIC	TF	91.7	90.0	95.0	93.3	86.7	83.3	76.7	71.7	75.0	65.0	43.3
THUNDERSTRUCK	TF	95.0	88.3	95.0	93.3	86.7	81.7	78.3	73.3	75.0	55.0	35.0
TITANIUM 2LS	TF	93.3	86.7	95.0	93.3	83.3	78.3	78.3	70.0	75.0	55.0	40.0
KINGDOM	TF	91.7	88.3	95.0	93.3	86.7	83.3	80.0	76.7	80.0	63.3	40.0
NONET	TF	88.3	88.3	95.0	93.3	85.0	86.7	80.0	75.0	75.0	63.3	46.7
PST-K13-141	KB	81.7	71.7	93.3	90.0	78.3	63.3	75.0	76.7	78.3	66.7	41.7
DLFPS 321/3679	TF	93.3	90.0	95.0	93.3	86.7	78.3	78.3	73.3	70.0	53.3	30.0
STETSON II	TF	93.3	88.3	95.0	93.3	83.3	81.7	75.0	73.3	71.7	56.7	36.7
GO-AOMK	TF	93.3	85.0	95.0	93.3	83.3	76.7	75.0	68.3	70.0	53.3	31.7
PST-K15-169	KB	83.3	80.0	95.0	93.3	68.3	63.3	70.0	68.3	75.0	58.3	38.3
BARRARI	KB	76.7	68.3	90.0	86.7	78.3	65.0	70.0	68.3	70.0	66.7	41.7
BLUE NOTE	KB	73.3	65.0	91.7	83.3	71.7	63.3	65.0	70.0	75.0	68.3	40.0
MRSI TF15	TF	91.7	86.7	95.0	90.0	81.7	78.3	73.3	68.3	71.7	48.3	31.7
NAI-13-14	KB	83.3	66.7	91.7	91.7	71.7	63.3	68.3	68.3	71.7	56.7	40.0
BAR FA 121095	TF	81.7	78.3	95.0	93.3	83.3	78.3	76.7	71.7	75.0	48.3	36.7
BAR PP 110358	KB	88.3	80.0	93.3	83.3	61.7	56.7	66.7	65.0	65.0	66.7	40.0
MIDNIGHT	KB	75.0	58.3	90.0	85.0	66.7	60.0	66.7	63.3	70.0	61.7	38.3
BLUE DEVIL	KB	73.3	66.7	88.3	88.3	63.3	58.3	63.3	65.0	71.7	58.3	36.7
PST-K13-143	KB	60.0	50.0	81.7	81.7	61.7	56.7	66.7	71.7	76.7	66.7	38.3
DAUNTLESS	KB	63.3	56.7	83.3	81.7	65.0	56.7	63.3	70.0	73.3	60.0	35.0
EVEREST	KB	80.0	70.0	91.7	90.0	70.0	55.0	66.7	68.3	75.0	65.0	43.3
BABE	KB	63.3	46.7	83.3	80.0	63.3	58.3	65.0	71.7	73.3	60.0	41.7
NAI-13-132	KB	68.3	65.0	88.3	88.3	65.0	53.3	65.0	66.7	75.0	63.3	43.3
PST-K13-137	KB	80.0	63.3	91.7	88.3	60.0	60.0	63.3	66.7	66.7	58.3	33.3
LSD VALUE		9.3	14.2	4.6	4.5	9.4	13.4	8.5	10.1	13.2	19.3	24.3
C.V. (%)		7.1	11.6	3.1	3.2	7.8	11.6	7.1	6.8	6.6	13.1	18.4

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

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

TABLE 9A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN					PERCENT GREEN COVER DURING RECOVERY					10/31	11/25
		8/22	8/29	9/7	9/13	9/20	9/27	10/4	10/11	10/18	10/24		
SR 4650 (P.RYEGRASS STANDARD ENTRY)		66.7	65.0	60.0	46.7	68.3	65.0	48.3	70.0	60.0	66.7	48.3	38.3
PST-5SDS	TF	60.0	48.3	40.0	36.7	36.7	35.0	26.7	33.3	26.7	36.7	31.7	6.7
CATALYST	TF	60.0	51.7	41.7	31.7	41.7	40.0	23.3	36.7	30.0	38.3	36.7	10.0
DLFPS 321/3678	TF	58.3	50.0	40.0	33.3	41.7	35.0	25.0	36.7	28.3	33.3	38.3	10.0
PST-R511	TF	58.3	48.3	40.0	35.0	41.7	38.3	26.7	38.3	31.7	40.0	40.0	13.3
THOR	TF	63.3	53.3	45.0	33.3	35.0	36.7	25.0	35.0	31.7	38.3	36.7	8.3
DLFPS 321/3677	TF	55.0	45.0	38.3	30.0	38.3	26.7	18.3	31.7	26.7	35.0	35.0	6.7
LTP-SYN-A3	TF	53.3	45.0	40.0	30.0	36.7	31.7	20.0	30.0	28.3	36.7	36.7	6.7
BARROBUSTO	TF	51.7	43.3	36.7	28.3	36.7	30.0	20.0	30.0	25.0	31.7	36.7	6.7
PST-K11-118	KB	58.3	55.0	51.7	38.3	58.3	45.0	40.0	51.7	40.0	55.0	48.3	20.0
RS4	TF	58.3	51.7	40.0	33.3	45.0	38.3	23.3	36.7	28.3	38.3	36.7	11.7
SUPERSONIC	TF	56.7	43.3	41.7	31.7	41.7	38.3	21.7	35.0	30.0	40.0	35.0	8.3
THUNDERSTRUCK	TF	55.0	40.0	40.0	28.3	40.0	31.7	20.0	31.7	26.7	35.0	33.3	5.0
TITANIUM 2LS	TF	53.3	46.7	38.3	31.7	38.3	35.0	25.0	35.0	26.7	36.7	36.7	6.7
KINGDOM	TF	56.7	48.3	40.0	31.7	36.7	33.3	21.7	30.0	28.3	31.7	36.7	6.7
NONET	TF	53.3	50.0	40.0	30.0	38.3	31.7	21.7	26.7	23.3	31.7	33.3	6.7
PST-K13-141	KB	55.0	46.7	46.7	31.7	50.0	36.7	23.3	41.7	38.3	48.3	41.7	11.7
DLFPS 321/3679	TF	48.3	41.7	35.0	23.3	35.0	26.7	16.7	30.0	23.3	31.7	33.3	5.0
STETSON II	TF	48.3	43.3	35.0	23.3	33.3	26.7	18.3	28.3	25.0	31.7	35.0	8.3
GO-AOMK	TF	40.0	31.7	28.3	18.3	28.3	21.7	15.0	23.3	20.0	30.0	30.0	6.7
PST-K15-169	KB	51.7	51.7	45.0	31.7	46.7	31.7	26.7	38.3	31.7	43.3	43.3	8.3
BARRARI	KB	45.0	40.0	38.3	33.3	50.0	40.0	33.3	43.3	46.7	60.0	46.7	25.0
BLUE NOTE	KB	55.0	53.3	43.3	30.0	48.3	38.3	35.0	46.7	40.0	55.0	40.0	10.0
MRS� TF15	TF	45.0	41.7	36.7	28.3	31.7	28.3	20.0	28.3	23.3	31.7	33.3	5.0
NAI-13-14	KB	51.7	45.0	38.3	28.3	41.7	35.0	21.7	36.7	28.3	36.7	38.3	6.7
BAR FA 121095	TF	50.0	40.0	33.3	23.3	33.3	26.7	15.0	28.3	23.3	30.0	31.7	6.7
BAR PP 110358	KB	51.7	50.0	46.7	26.7	50.0	31.7	21.7	33.3	31.7	41.7	41.7	10.0
MIDNIGHT	KB	53.3	50.0	41.7	26.7	40.0	31.7	21.7	28.3	26.7	38.3	38.3	5.0
BLUE DEVIL	KB	55.0	48.3	41.7	30.0	45.0	36.7	26.7	35.0	30.0	36.7	40.0	8.3
PST-K13-143	KB	53.3	46.7	38.3	26.7	50.0	43.3	33.3	46.7	46.7	55.0	41.7	5.0
DAUNTLESS	KB	51.7	46.7	41.7	21.7	50.0	41.7	28.3	41.7	33.3	46.7	38.3	6.7
EVEREST	KB	56.7	55.0	48.3	31.7	53.3	36.7	26.7	41.7	35.0	50.0	45.0	13.3
BABE	KB	53.3	46.7	41.7	31.7	41.7	36.7	26.7	38.3	30.0	46.7	41.7	5.0
NAI-13-132	KB	53.3	48.3	43.3	30.0	46.7	40.0	31.7	38.3	33.3	46.7	43.3	10.0
PST-K13-137	KB	50.0	46.7	40.0	26.7	45.0	38.3	25.0	40.0	31.7	43.3	40.0	6.7
LSD VALUE		20.1	16.3	12.4	17.6	12.3	14.1	11.4	10.7	8.5	12.9	13.0	6.9
C.V. (%)		13.9	15.5	15.2	23.5	16.9	21.6	26.2	18.1	17.3	18.9	15.3	45.9

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 9B.

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

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

NAME		GENETIC	SPRING	PREDROUGHT QUALITY RATINGS				QUALITY RATINGS DURING DRY DOWN			
		COLOR	GREENUP	4/30	5/10	5/24	5/30	6/5	6/14	6/19	6/26
SR 4650 (P.RYEGRASS STANDARD ENTRY)		8.7	66.7	6.3	8.0	8.3	9.0	9.0	9.0	9.0	9.0
PST-K11-118	KB	5.7	55.0	4.0	7.3	7.7	7.3	6.7	6.0	6.7	7.7
PST-K13-141	KB	6.3	51.7	3.7	6.7	7.0	6.7	6.3	5.3	6.7	7.7
PST-K15-169	KB	5.3	60.0	4.0	6.7	7.0	7.3	6.3	6.7	6.3	7.7
BARRARI	KB	5.3	53.3	4.7	6.3	6.7	6.7	6.0	5.3	5.7	6.7
BLUE NOTE	KB	5.7	58.3	4.3	7.0	7.0	6.7	5.7	5.0	6.0	6.0
NAI-13-14	KB	5.7	58.3	2.7	6.7	8.0	8.3	7.0	5.7	6.3	7.7
BAR PP 110358	KB	5.7	53.3	4.3	7.0	7.7	7.7	7.3	6.3	6.7	6.3
MIDNIGHT	KB	5.7	51.7	2.7	6.7	8.0	8.7	7.0	4.7	5.3	8.0
BLUE DEVIL	KB	5.0	51.7	3.3	6.7	7.3	7.7	6.0	4.7	6.0	7.3
PST-K13-143	KB	5.7	50.0	4.7	6.7	6.3	6.3	5.0	4.0	4.7	6.0
DAUNTLESS	KB	5.0	55.0	3.7	7.0	6.7	6.7	4.7	4.7	5.3	6.0
EVEREST	KB	5.3	51.7	3.0	5.7	6.7	7.7	6.3	5.0	6.7	7.7
BABE	KB	5.0	51.7	3.3	6.7	6.3	7.0	5.3	3.7	4.7	6.7
NAI-13-132	KB	6.0	48.3	2.3	6.0	7.0	7.7	6.0	4.3	5.3	7.0
PST-K13-137	KB	6.0	60.0	3.3	7.0	6.7	7.0	6.3	5.0	6.0	7.0
LSD VALUE		1.0	5.8	0.9	1.0	1.7	2.0	2.4	1.7	1.4	1.3
C.V. (%)		10.3	6.4	15.0	7.9	10.6	12.7	18.5	18.4	13.3	10.3

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

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

TABLE 9B. PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 40% OF ET
(CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/											
NAME		7/4	7/10	7/17	QUALITY RATINGS DURING DRY DOWN			8/14	8/19	8/27	9/13
					7/24	7/30	8/5				
SR 4650 (P.RYEGRASS STANDARD ENTRY)		7.7	5.3	5.3	5.0	4.7	5.7	4.7	4.3	4.3	4.7
PST-K11-118	KB	7.0	5.3	5.3	4.7	5.0	5.7	4.0	4.0	5.0	4.7
PST-K13-141	KB	7.3	5.0	6.0	5.7	5.7	5.3	4.3	4.3	4.7	4.3
PST-K15-169	KB	7.0	5.0	5.3	4.7	4.3	4.3	4.0	4.0	4.0	4.0
BARRARI	KB	7.0	5.0	5.3	4.7	5.0	4.3	4.0	3.0	3.0	3.0
BLUE NOTE	KB	6.0	4.7	4.3	4.7	5.3	5.0	3.7	3.3	4.0	3.3
NAI-13-14	KB	6.7	4.7	4.7	5.0	4.3	5.0	3.7	3.7	4.0	3.3
BAR PP 110358	KB	6.0	4.3	4.3	4.0	4.3	4.7	3.3	3.3	4.0	3.3
MIDNIGHT	KB	6.3	4.3	4.3	5.0	4.7	5.3	4.0	3.7	4.0	3.7
BLUE DEVIL	KB	6.7	4.0	4.3	4.3	4.3	5.3	3.7	4.0	4.3	3.3
PST-K13-143	KB	6.0	3.7	5.0	4.7	5.0	4.7	3.7	3.0	4.0	3.0
DAUNTLESS	KB	6.0	4.0	5.0	4.7	5.0	5.0	3.3	3.3	3.3	3.7
EVEREST	KB	7.0	4.3	4.7	4.0	4.7	5.0	3.3	3.0	3.3	3.3
BABE	KB	6.3	4.7	4.7	4.3	5.0	4.7	3.7	3.3	4.0	3.7
NAI-13-132	KB	7.0	3.7	4.0	4.0	4.3	4.7	3.3	3.3	3.3	3.3
PST-K13-137	KB	6.3	4.0	4.7	4.0	4.3	4.3	3.7	3.3	3.0	2.7
LSD VALUE		1.0	1.1	1.4	1.1	1.8	2.0	2.3	1.7	1.6	1.0
C.V. (%)		7.8	12.7	13.2	11.8	13.8	15.0	19.8	18.7	18.4	14.7

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

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

TABLE 9B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN				QUALITY RATINGS DURING RECOVERY PERIOD				10/29	11/25	MEAN
		9/12	9/17	9/25	10/17	10/3	10/9	10/17	10/22			
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.0	4.0	4.0	5.0	4.3	4.7	5.0	5.3	5.0	5.0	6.0
PST-K11-118	KB	4.0	3.7	4.0	4.7	3.3	3.3	4.7	4.7	4.7	1.7	5.2
PST-K13-141	KB	3.3	3.0	3.3	4.3	3.0	3.3	4.3	4.0	4.3	2.0	5.0
PST-K15-169	KB	3.3	2.7	3.3	3.3	2.3	2.7	3.3	3.3	3.3	1.7	4.7
BARRARI	KB	2.7	2.3	3.3	4.7	3.0	3.0	4.7	4.7	4.7	2.7	4.6
BLUE NOTE	KB	3.3	2.3	3.3	4.0	2.7	3.3	4.0	4.0	4.0	1.7	4.6
NAI-13-14	KB	2.7	2.3	3.0	3.3	2.0	2.7	3.3	3.0	3.3	1.0	4.6
BAR PP 110358	KB	3.0	2.7	3.0	3.3	2.3	2.3	3.3	3.7	3.7	1.7	4.5
MIDNIGHT	KB	3.0	2.7	3.3	3.0	2.3	2.7	3.0	3.0	3.0	1.3	4.5
BLUE DEVIL	KB	2.7	2.7	2.7	3.3	2.3	2.7	3.3	3.0	3.3	1.7	4.4
PST-K13-143	KB	2.7	2.7	3.3	4.3	3.0	3.0	4.3	4.3	4.0	1.0	4.4
DAUNTLESS	KB	3.3	3.0	3.0	3.3	2.7	3.0	3.3	3.7	3.7	1.0	4.3
EVEREST	KB	3.0	2.0	2.7	3.3	2.0	2.0	3.3	3.7	4.0	1.3	4.3
BABE	KB	2.7	2.3	3.0	3.3	2.3	2.7	3.3	3.3	3.3	1.0	4.2
NAI-13-132	KB	2.7	2.0	2.3	3.3	2.0	2.3	3.3	3.0	3.7	1.0	4.1
PST-K13-137	KB	3.3	1.7	1.7	3.3	1.7	2.0	3.3	3.0	3.3	1.3	4.1
LSD VALUE		2.0	1.1	1.2	0.9	1.0	0.9	0.9	0.8	1.0	0.9	0.5
C.V. (%)		23.7	22.5	20.0	14.0	21.3	18.3	14.0	13.6	14.0	33.3	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 9B. PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 40% OF ET
(CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/												
		PERCENT GREEN COVER DURING DRY DOWN										
NAME		6/6	6/13	6/20	6/28	7/4	7/11	7/18	7/28	8/1	8/7	8/16
SR 4650 (P.RYEGRASS STANDARD ENTRY)		93.3	95.0	93.3	93.3	78.3	78.3	71.7	65.0	73.3	70.0	45.0
PST-K11-118	KB	76.7	60.0	93.3	90.0	70.0	61.7	66.7	71.7	78.3	73.3	45.0
PST-K13-141	KB	81.7	71.7	93.3	90.0	78.3	63.3	75.0	76.7	78.3	66.7	41.7
PST-K15-169	KB	83.3	80.0	95.0	93.3	68.3	63.3	70.0	68.3	75.0	58.3	38.3
BARRARI	KB	76.7	68.3	90.0	86.7	78.3	65.0	70.0	68.3	70.0	66.7	41.7
BLUE NOTE	KB	73.3	65.0	91.7	83.3	71.7	63.3	65.0	70.0	75.0	68.3	40.0
NAI-13-14	KB	83.3	66.7	91.7	91.7	71.7	63.3	68.3	68.3	71.7	56.7	40.0
BAR PP 110358	KB	88.3	80.0	93.3	83.3	61.7	56.7	66.7	65.0	65.0	66.7	40.0
MIDNIGHT	KB	75.0	58.3	90.0	85.0	66.7	60.0	66.7	63.3	70.0	61.7	38.3
BLUE DEVIL	KB	73.3	66.7	88.3	88.3	63.3	58.3	63.3	65.0	71.7	58.3	36.7
PST-K13-143	KB	60.0	50.0	81.7	81.7	61.7	56.7	66.7	71.7	76.7	66.7	38.3
DAUNTLESS	KB	63.3	56.7	83.3	81.7	65.0	56.7	63.3	70.0	73.3	60.0	35.0
EVEREST	KB	80.0	70.0	91.7	90.0	70.0	55.0	66.7	68.3	75.0	65.0	43.3
BABE	KB	63.3	46.7	83.3	80.0	63.3	58.3	65.0	71.7	73.3	60.0	41.7
NAI-13-132	KB	68.3	65.0	88.3	88.3	65.0	53.3	65.0	66.7	75.0	63.3	43.3
PST-K13-137	KB	80.0	63.3	91.7	88.3	60.0	60.0	63.3	66.7	66.7	58.3	33.3
LSD VALUE		15.0	24.0	8.3	6.0	16.0	20.5	19.1	15.5	14.2	20.7	20.8
C.V. (%)		10.9	18.6	4.7	4.0	10.8	13.6	9.4	8.2	7.7	12.2	16.8

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

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

TABLE 9B. PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 40% OF ET
(CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN					PERCENT GREEN COVER DURING RECOVERY					10/31	11/25
		8/22	8/29	9/7	9/13	9/20	9/27	10/4	10/11	10/18	10/24		
SR 4650 (P.RYEGRASS STANDARD ENTRY)		66.7	65.0	60.0	46.7	68.3	65.0	48.3	70.0	60.0	66.7	48.3	38.3
PST-K11-118	KB	58.3	55.0	51.7	38.3	58.3	45.0	40.0	51.7	40.0	55.0	48.3	20.0
PST-K13-141	KB	55.0	46.7	46.7	31.7	50.0	36.7	23.3	41.7	38.3	48.3	41.7	11.7
PST-K15-169	KB	51.7	51.7	45.0	31.7	46.7	31.7	26.7	38.3	31.7	43.3	43.3	8.3
BARRARI	KB	45.0	40.0	38.3	33.3	50.0	40.0	33.3	43.3	46.7	60.0	46.7	25.0
BLUE NOTE	KB	55.0	53.3	43.3	30.0	48.3	38.3	35.0	46.7	40.0	55.0	40.0	10.0
NAI-13-14	KB	51.7	45.0	38.3	28.3	41.7	35.0	21.7	36.7	28.3	36.7	38.3	6.7
BAR PP 110358	KB	51.7	50.0	46.7	26.7	50.0	31.7	21.7	33.3	31.7	41.7	41.7	10.0
MIDNIGHT	KB	53.3	50.0	41.7	26.7	40.0	31.7	21.7	28.3	26.7	38.3	38.3	5.0
BLUE DEVIL	KB	55.0	48.3	41.7	30.0	45.0	36.7	26.7	35.0	30.0	36.7	40.0	8.3
PST-K13-143	KB	53.3	46.7	38.3	26.7	50.0	43.3	33.3	46.7	46.7	55.0	41.7	5.0
DAUNTLESS	KB	51.7	46.7	41.7	21.7	50.0	41.7	28.3	41.7	33.3	46.7	38.3	6.7
EVEREST	KB	56.7	55.0	48.3	31.7	53.3	36.7	26.7	41.7	35.0	50.0	45.0	13.3
BABE	KB	53.3	46.7	41.7	31.7	41.7	36.7	26.7	38.3	30.0	46.7	41.7	5.0
NAI-13-132	KB	53.3	48.3	43.3	30.0	46.7	40.0	31.7	38.3	33.3	46.7	43.3	10.0
PST-K13-137	KB	50.0	46.7	40.0	26.7	45.0	38.3	25.0	40.0	31.7	43.3	40.0	6.7
LSD VALUE		19.7	16.8	17.1	9.3	18.4	13.3	15.7	14.9	12.0	20.9	23.7	7.7
C.V. (%)		13.6	14.8	16.8	16.8	17.3	18.6	26.9	19.9	19.3	20.7	17.4	41.3

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 9C.

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

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

NAME		GENETIC COLOR	SPRING GREENUP	PREDROUGHT QUALITY RATINGS				QUALITY RATINGS DURING DRY DOWN			
				4/30	5/10	5/24	5/30	6/5	6/14	6/19	6/26
SR 4650 (P.RYEGRASS STANDARD ENTRY)		8.7	66.7	6.3	8.0	8.3	9.0	9.0	9.0	9.0	9.0
PST-5SDS	TF	7.0	56.7	6.7	7.3	8.0	7.7	7.3	8.0	7.7	8.0
CATALYST	TF	7.3	51.7	6.7	7.0	7.0	7.0	7.0	7.7	7.7	8.0
DLFPS 321/3678	TF	7.3	51.7	5.3	7.0	7.0	7.7	7.3	7.7	8.0	8.0
PST-R511	TF	7.3	51.7	6.7	7.0	7.0	7.3	7.0	8.0	8.0	8.0
THOR	TF	6.7	46.7	5.7	7.3	7.7	7.7	7.3	8.0	8.0	8.0
DLFPS 321/3677	TF	7.0	56.7	6.3	7.0	7.3	7.3	7.3	7.7	7.7	8.0
LTP-SYN-A3	TF	7.3	55.0	6.7	7.3	7.0	7.3	7.0	7.7	8.0	8.0
BARROBUSTO	TF	6.7	53.3	6.3	7.0	7.0	7.7	6.7	7.7	7.7	7.7
RS4	TF	6.7	53.3	6.0	6.7	6.7	7.3	7.0	7.3	8.0	8.0
SUPERSONIC	TF	7.3	56.7	6.7	7.3	7.7	7.3	7.3	7.3	7.7	7.3
THUNDERSTRUCK	TF	7.0	51.7	5.3	7.0	7.3	7.7	8.0	8.0	8.0	8.0
TITANIUM 2LS	TF	7.0	51.7	6.3	6.7	7.3	8.0	7.7	7.0	7.7	7.7
KINGDOM	TF	7.0	51.7	4.7	6.7	6.0	7.0	7.0	7.0	8.0	8.0
NONET	TF	7.0	53.3	6.0	6.7	7.0	7.0	7.0	7.3	7.7	7.3
DLFPS 321/3679	TF	6.7	53.3	5.7	7.0	7.0	7.7	7.7	7.7	7.3	8.0
STETSON II	TF	7.0	51.7	6.3	7.0	7.3	7.3	7.0	7.3	7.7	8.0
GO-AOMK	TF	7.3	53.3	5.7	6.7	7.3	7.7	7.3	7.3	7.3	8.0
MRLS TF15	TF	7.3	51.7	5.7	7.0	6.3	6.7	7.3	7.3	7.7	7.3
BAR FA 121095	TF	7.3	50.0	5.0	6.3	5.7	6.3	6.0	6.0	7.0	7.3
LSD VALUE		1.1	8.0	0.8	1.1	1.0	1.0	0.7	1.0	1.1	0.5
C.V. (%)		7.3	7.8	7.9	6.6	7.7	7.1	5.7	7.2	6.2	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.

TABLE 9C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN									
		7/4	7/10	7/17	7/24	7/30	8/5	8/14	8/19	8/27	9/13
SR 4650 (P.RYEGRASS STANDARD ENTRY)		7.7	5.3	5.3	5.0	4.7	5.7	4.7	4.3	4.3	4.7
PST-5SDS	TF	7.3	7.0	7.0	5.7	5.7	6.0	4.7	4.3	5.0	4.7
CATALYST	TF	8.0	6.3	6.7	5.3	5.7	6.0	5.0	4.3	5.0	5.0
DLFPS 321/3678	TF	7.7	6.7	6.3	5.7	5.3	5.3	4.7	4.7	5.0	4.7
PST-R511	TF	7.3	5.7	6.0	5.3	5.3	5.3	4.7	4.7	5.3	4.3
THOR	TF	7.7	7.0	6.7	5.3	5.3	5.3	5.0	4.0	5.0	5.0
DLFPS 321/3677	TF	7.7	6.7	6.3	5.3	4.7	5.7	4.7	4.3	4.7	4.3
LTP-SYN-A3	TF	7.7	6.3	6.7	5.3	5.3	5.3	5.0	4.3	5.0	4.3
BARROBUSTO	TF	7.7	6.3	6.3	5.0	5.3	5.7	4.7	4.3	4.7	4.3
RS4	TF	7.0	6.0	6.0	5.0	4.7	5.7	4.7	4.3	4.7	4.3
SUPERSONIC	TF	7.0	6.3	6.0	5.0	5.0	5.7	4.7	4.0	4.7	4.3
THUNDERSTRUCK	TF	7.3	6.3	5.7	4.7	5.0	5.0	5.0	4.3	4.7	4.3
TITANIUM 2LS	TF	7.3	5.3	5.7	4.3	4.7	5.0	5.0	4.3	4.7	4.7
KINGDOM	TF	7.3	6.0	6.3	5.0	5.0	5.3	4.3	4.3	4.7	4.3
NONET	TF	7.0	6.0	6.7	5.7	4.7	5.7	4.7	4.0	4.7	4.3
DLFPS 321/3679	TF	7.0	5.7	6.0	4.7	4.7	5.0	4.0	4.0	4.3	4.0
STETSON II	TF	7.3	5.3	5.7	5.0	4.3	5.0	4.3	3.3	4.3	3.7
GO-AOMK	TF	7.3	5.3	5.7	4.7	4.3	5.0	4.0	3.3	3.3	3.3
MDSL TF15	TF	6.3	5.0	5.3	4.0	4.3	4.7	4.0	3.3	4.0	3.7
BAR FA 121095	TF	7.0	5.0	5.7	4.7	4.3	4.7	3.7	4.0	4.0	3.7
LSD VALUE		2.1	1.7	2.2	1.5	1.3	1.7	0.9	1.3	1.4	1.3
C.V. (%)		9.4	12.8	12.7	12.1	11.8	11.5	9.7	13.3	13.2	13.1

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

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

TABLE 9C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN				QUALITY RATINGS DURING RECOVERY PERIOD				10/29	11/25	MEAN
		9/12	9/17	9/25	10/17	10/3	10/9	10/17	10/22			
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.0	4.0	4.0	5.0	4.3	4.7	5.0	5.3	5.0	5.0	6.0
PST-5SDS	TF	3.3	3.3	3.3	4.0	3.3	3.7	4.0	3.3	3.7	1.7	5.6
CATALYST	TF	4.0	3.7	3.3	3.7	2.7	3.3	3.7	3.3	3.7	2.0	5.4
DLFPS 321/3678	TF	3.3	3.3	3.3	4.0	3.3	3.3	4.0	3.3	3.7	1.3	5.4
PST-R511	TF	3.3	3.0	3.7	3.7	3.0	3.3	3.7	3.7	4.3	2.3	5.4
THOR	TF	4.0	3.3	3.3	3.7	3.3	3.3	3.7	3.0	3.3	1.7	5.4
DLFPS 321/3677	TF	3.3	3.0	3.3	3.7	3.0	3.3	3.7	3.0	3.3	1.3	5.3
LTP-SYN-A3	TF	2.7	3.0	3.3	3.7	2.7	3.3	3.7	3.3	3.7	1.3	5.3
BARROBUSTO	TF	3.3	2.7	3.0	3.3	2.7	3.0	3.3	3.3	3.3	1.3	5.2
RS4	TF	3.3	3.3	3.7	4.0	3.0	3.3	4.0	3.3	4.0	2.0	5.2
SUPERSONIC	TF	3.3	3.3	3.3	3.7	2.3	3.3	3.7	3.3	4.0	2.0	5.2
THUNDERSTRUCK	TF	3.0	2.7	3.0	3.3	2.3	3.3	3.3	3.3	3.3	1.3	5.2
TITANIUM 2LS	TF	3.3	3.0	3.3	3.3	3.0	3.3	3.3	3.0	3.3	1.7	5.1
KINGDOM	TF	3.3	2.7	3.3	3.7	2.7	2.7	3.7	3.0	3.0	1.3	5.0
NONET	TF	3.0	3.0	3.0	3.3	2.0	2.3	3.3	2.7	3.0	1.3	5.0
DLFPS 321/3679	TF	2.3	2.0	3.0	3.3	2.0	2.7	3.3	3.3	3.0	1.3	4.9
STETSON II	TF	2.7	2.3	2.7	3.0	2.3	2.3	3.0	3.3	3.3	1.3	4.9
GO-AOMK	TF	2.0	2.0	2.0	3.0	2.0	2.3	3.0	3.0	3.0	1.3	4.7
MRSI TF15	TF	2.3	2.7	2.3	3.0	2.3	2.3	3.0	3.0	3.0	1.3	4.6
BAR FA 121095	TF	2.0	2.3	2.3	3.7	2.0	2.3	3.7	3.0	2.7	1.3	4.5
LSD VALUE		1.2	1.1	0.9	0.8	1.1	0.8	0.8	0.6	0.8	0.5	0.5
C.V. (%)		19.8	19.1	15.8	12.3	22.0	15.8	12.3	11.0	13.8	19.0	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.

TABLE 9C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/												
NAME		PERCENT GREEN COVER DURING DRY DOWN										
		6/6	6/13	6/20	6/28	7/4	7/11	7/18	7/28	8/1	8/7	8/16
SR 4650 (P.RYEGRASS STANDARD ENTRY)		93.3	95.0	93.3	93.3	78.3	78.3	71.7	65.0	73.3	70.0	45.0
PST-5SDS	TF	95.0	93.3	95.0	93.3	86.7	88.3	83.3	78.3	75.0	68.3	41.7
CATALYST	TF	93.3	88.3	95.0	95.0	88.3	81.7	81.7	76.7	80.0	68.3	41.7
DLFPS 321/3678	TF	95.0	91.7	95.0	95.0	86.7	83.3	78.3	78.3	76.7	60.0	40.0
PST-R511	TF	93.3	88.3	95.0	95.0	86.7	81.7	78.3	71.7	73.3	61.7	38.3
THOR	TF	95.0	91.7	95.0	95.0	86.7	85.0	78.3	76.7	76.7	65.0	46.7
DLFPS 321/3677	TF	95.0	90.0	95.0	93.3	86.7	86.7	81.7	75.0	76.7	60.0	46.7
LTP-SYN-A3	TF	95.0	91.7	95.0	95.0	90.0	86.7	83.3	75.0	76.7	58.3	41.7
BARROBUSTO	TF	93.3	88.3	95.0	95.0	90.0	85.0	81.7	73.3	71.7	56.7	38.3
RS4	TF	91.7	90.0	95.0	95.0	85.0	80.0	76.7	73.3	73.3	63.3	41.7
SUPERSONIC	TF	91.7	90.0	95.0	93.3	86.7	83.3	76.7	71.7	75.0	65.0	43.3
THUNDERSTRUCK	TF	95.0	88.3	95.0	93.3	86.7	81.7	78.3	73.3	75.0	55.0	35.0
TITANIUM 2LS	TF	93.3	86.7	95.0	93.3	83.3	78.3	78.3	70.0	75.0	55.0	40.0
KINGDOM	TF	91.7	88.3	95.0	93.3	86.7	83.3	80.0	76.7	80.0	63.3	40.0
NONET	TF	88.3	88.3	95.0	93.3	85.0	86.7	80.0	75.0	75.0	63.3	46.7
DLFPS 321/3679	TF	93.3	90.0	95.0	93.3	86.7	78.3	78.3	73.3	70.0	53.3	30.0
STETSON II	TF	93.3	88.3	95.0	93.3	83.3	81.7	75.0	73.3	71.7	56.7	36.7
GO-AOMK	TF	93.3	85.0	95.0	93.3	83.3	76.7	75.0	68.3	70.0	53.3	31.7
MRS L TF15	TF	91.7	86.7	95.0	90.0	81.7	78.3	73.3	68.3	71.7	48.3	31.7
BAR FA 121095	TF	81.7	78.3	95.0	93.3	83.3	78.3	76.7	71.7	75.0	48.3	36.7
LSD VALUE		6.5	6.2	1.9	7.0	7.2	13.8	9.6	8.4	8.4	17.4	21.3
C.V. (%)		3.6	3.8	0.7	2.4	3.9	6.4	5.3	5.5	4.9	13.2	19.6

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

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

TABLE 9C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

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

NAME	8/22	PERCENT GREEN COVER 8/29	DURING DRY DOWN 9/7	9/13	9/20	9/27	PERCENT GREEN COVER 10/4	DURING RECOVERY 10/11	10/18	10/24	10/31	11/25
SR 4650 (P.RYEGRASS STANDARD ENTRY)	66.7	65.0	60.0	46.7	68.3	65.0	48.3	70.0	60.0	66.7	48.3	38.3
PST-5SDS TF	60.0	48.3	40.0	36.7	36.7	35.0	26.7	33.3	26.7	36.7	31.7	6.7
CATALYST TF	60.0	51.7	41.7	31.7	41.7	40.0	23.3	36.7	30.0	38.3	36.7	10.0
DLFPS 321/3678 TF	58.3	50.0	40.0	33.3	41.7	35.0	25.0	36.7	28.3	33.3	38.3	10.0
PST-R511 TF	58.3	48.3	40.0	35.0	41.7	38.3	26.7	38.3	31.7	40.0	40.0	13.3
THOR TF	63.3	53.3	45.0	33.3	35.0	36.7	25.0	35.0	31.7	38.3	36.7	8.3
DLFPS 321/3677 TF	55.0	45.0	38.3	30.0	38.3	26.7	18.3	31.7	26.7	35.0	35.0	6.7
LTP-SYN-A3 TF	53.3	45.0	40.0	30.0	36.7	31.7	20.0	30.0	28.3	36.7	36.7	6.7
BARROBUSTO TF	51.7	43.3	36.7	28.3	36.7	30.0	20.0	30.0	25.0	31.7	36.7	6.7
RS4 TF	58.3	51.7	40.0	33.3	45.0	38.3	23.3	36.7	28.3	38.3	36.7	11.7
SUPERSONIC TF	56.7	43.3	41.7	31.7	41.7	38.3	21.7	35.0	30.0	40.0	35.0	8.3
THUNDERSTRUCK TF	55.0	40.0	40.0	28.3	40.0	31.7	20.0	31.7	26.7	35.0	33.3	5.0
TITANIUM 2LS TF	53.3	46.7	38.3	31.7	38.3	35.0	25.0	35.0	26.7	36.7	36.7	6.7
KINGDOM TF	56.7	48.3	40.0	31.7	36.7	33.3	21.7	30.0	28.3	31.7	36.7	6.7
NONET TF	53.3	50.0	40.0	30.0	38.3	31.7	21.7	26.7	23.3	31.7	33.3	6.7
DLFPS 321/3679 TF	48.3	41.7	35.0	23.3	35.0	26.7	16.7	30.0	23.3	31.7	33.3	5.0
STETSON II TF	48.3	43.3	35.0	23.3	33.3	26.7	18.3	28.3	25.0	31.7	35.0	8.3
GO-AOMK TF	40.0	31.7	28.3	18.3	28.3	21.7	15.0	23.3	20.0	30.0	30.0	6.7
MRS� TF15 TF	45.0	41.7	36.7	28.3	31.7	28.3	20.0	28.3	23.3	31.7	33.3	5.0
BAR FA 121095 TF	50.0	40.0	33.3	23.3	33.3	26.7	15.0	28.3	23.3	30.0	31.7	6.7
LSD VALUE	14.0	14.5	8.9	19.3	7.6	13.0	8.7	6.3	5.5	5.9	8.0	4.7
C.V. (%)	12.8	15.8	13.1	26.5	12.4	22.3	23.3	12.3	12.7	10.6	11.5	34.0

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 10A.

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

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

NAME		GENETIC COLOR	SPRING GREENUP	PREDROUGHT 4/30	QUALITY RATINGS 5/10	5/24	5/30	QUALITY RATINGS 6/5	6/14	DURING DRY 6/19	DOWN 6/26
SR 4650 (P.RYEGRASS STANDARD ENTRY)		8.3	63.3	6.3	8.0	9.0	9.0	9.0	9.0	9.0	9.0
PST-R511	TF	6.7	53.3	6.0	6.7	7.7	7.7	7.0	7.3	7.7	8.0
CATALYST	TF	7.0	50.0	7.0	6.7	7.3	7.0	7.3	7.3	8.0	8.0
DLFPS 321/3679	TF	6.7	50.0	6.0	7.0	8.0	8.0	8.0	8.0	8.3	8.0
KINGDOM	TF	7.0	53.3	4.7	7.3	6.7	7.0	7.7	8.0	8.0	8.0
DLFPS 321/3678	TF	7.0	56.7	6.0	7.3	7.0	7.0	7.3	7.3	7.7	8.0
MRSI TF15	TF	7.0	53.3	6.0	6.7	7.3	7.3	7.3	8.0	8.0	8.0
PST-5SDS	TF	6.7	51.7	6.0	6.7	7.3	7.0	7.3	7.3	7.7	7.7
RS4	TF	7.0	55.0	5.7	6.7	7.0	7.0	7.0	7.0	7.3	8.0
SUPERSONIC	TF	7.7	51.7	7.0	6.7	7.0	7.0	7.7	8.0	8.0	8.0
THUNDERSTRUCK	TF	7.0	51.7	5.0	6.7	7.3	7.3	7.3	8.0	8.0	8.0
PST-K13-141	KB	6.0	51.7	4.0	6.7	6.7	6.7	6.7	5.3	7.3	7.3
THOR	TF	7.0	58.3	5.7	7.7	8.0	8.0	8.0	8.0	8.0	8.0
DLFPS 321/3677	TF	6.3	58.3	6.0	6.7	7.7	7.7	7.3	7.7	8.0	8.0
NONET	TF	7.7	53.3	6.3	6.7	7.3	7.3	7.3	7.7	8.0	8.0
STETSON II	TF	6.7	58.3	5.7	7.3	7.3	7.3	7.7	7.7	8.0	8.0
TITANIUM 2LS	TF	7.3	56.7	6.0	7.0	7.3	7.3	7.3	7.0	7.7	7.7
BARROBUSTO	TF	7.0	56.7	6.3	7.3	7.0	7.0	7.0	7.0	7.7	7.7
LTP-SYN-A3	TF	7.0	53.3	6.0	6.3	7.0	7.0	7.0	7.0	7.3	8.0
GO-AOMK	TF	7.7	56.7	5.3	7.0	7.7	7.7	7.7	7.3	8.0	8.0
PST-K11-118	KB	5.7	58.3	5.0	7.0	7.3	7.3	7.0	7.3	8.0	7.7
MIDNIGHT	KB	6.3	48.3	3.0	6.7	7.0	8.0	7.7	6.0	7.7	8.3
BAR FA 121095	TF	6.7	53.3	4.7	6.7	7.0	7.0	7.7	7.3	7.7	8.0
EVEREST	KB	5.7	48.3	3.0	6.3	7.3	7.7	7.0	6.0	7.3	8.0
BABE	KB	5.3	50.0	3.7	6.3	6.3	7.0	5.7	5.3	7.3	7.0
NAI-13-132	KB	5.0	41.7	2.0	5.3	5.3	7.3	7.3	6.3	7.7	8.0
BARRARI	KB	5.3	56.7	3.7	6.7	6.3	6.3	5.3	5.3	6.7	7.0
BAR PP 110358	KB	5.0	55.0	4.3	6.7	7.3	7.3	6.7	6.0	7.3	6.3
NAI-13-14	KB	5.7	46.7	2.0	5.7	7.0	8.0	7.0	6.3	7.3	8.0
BLUE DEVIL	KB	5.7	43.3	2.3	5.7	6.7	7.3	7.0	7.0	7.3	7.7
PST-K13-143	KB	6.0	50.0	4.7	6.3	6.3	6.0	4.7	4.3	5.3	6.0
DAUNTLESS	KB	5.0	51.7	3.3	6.7	6.3	6.0	5.3	5.0	6.7	6.0
BLUE NOTE	KB	5.3	55.0	3.7	6.3	6.3	7.0	6.3	5.3	6.3	5.7
PST-K15-169	KB	5.3	56.7	3.7	7.0	6.7	6.3	6.0	5.0	7.0	7.0
PST-K13-137	KB	6.3	56.7	3.0	6.7	6.0	7.0	6.0	5.3	6.7	8.0
LSD VALUE		0.9	11.0	1.1	1.4	1.4	1.0	1.0	1.0	0.8	0.6
C.V. (%)		8.6	10.0	15.0	9.6	10.2	7.9	8.9	9.6	6.6	5.4

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

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

TABLE 10A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

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

NAME		7/4	7/10	7/17	QUALITY RATINGS DURING DRY DOWN						8/27	9/13
					7/24	7/30	8/5	8/14	8/19			
SR 4650 (P.RYEGRASS STANDARD ENTRY)		8.7	7.3	7.3	6.7	6.7	7.0	7.3	6.3	7.3	7.3	
PST-R511	TF	8.0	7.7	7.7	7.3	7.0	6.7	6.7	6.3	7.0	7.0	
CATALYST	TF	8.0	7.7	7.7	7.3	7.0	7.0	6.7	6.3	6.7	7.0	
DLFPS 321/3679	TF	8.0	7.3	8.0	6.7	6.7	6.7	6.3	6.7	6.7	6.7	
KINGDOM	TF	8.0	7.7	8.0	7.7	6.7	7.0	7.0	6.7	7.0	7.0	
DLFPS 321/3678	TF	8.0	7.3	7.3	7.0	6.7	6.3	6.3	6.3	6.7	6.7	
MRS� TF15	TF	8.0	7.7	7.7	7.3	7.3	6.0	6.3	6.3	6.3	7.0	
PST-5SDS	TF	7.7	7.3	7.7	7.3	7.0	7.0	5.7	6.3	6.7	6.7	
RS4	TF	7.3	7.3	7.3	6.7	6.3	6.0	6.7	6.3	6.7	7.0	
SUPERSONIC	TF	8.0	7.3	7.7	6.7	6.7	6.3	6.0	6.3	6.3	6.7	
THUNDERSTRUCK	TF	8.0	7.7	8.0	7.3	7.3	6.3	6.7	6.0	6.3	6.7	
PST-K13-141	KB	8.3	7.3	8.0	7.7	7.3	7.3	6.0	6.7	6.3	6.3	
THOR	TF	8.0	7.3	7.3	7.0	6.3	6.3	6.0	6.0	6.0	6.0	
DLFPS 321/3677	TF	7.7	6.7	7.3	6.3	5.7	6.0	6.0	6.0	6.0	6.3	
NONET	TF	8.0	7.0	7.7	6.7	6.3	6.3	5.7	5.7	6.3	6.3	
STETSON II	TF	8.0	7.0	7.3	6.7	6.3	6.7	5.7	6.3	6.0	6.0	
TITANIUM 2LS	TF	7.7	7.0	7.3	6.7	6.7	6.7	6.3	5.7	6.3	6.3	
BARROBUSTO	TF	7.3	6.7	7.0	6.7	6.0	6.0	6.0	6.0	5.7	6.0	
LTP-SYN-A3	TF	7.7	6.7	7.0	6.7	6.7	6.7	6.0	5.7	6.0	6.3	
GO-AOMK	TF	7.7	7.0	7.3	6.7	6.7	5.3	6.7	5.7	5.3	6.3	
PST-K11-118	KB	8.0	7.0	6.7	7.0	6.3	6.0	5.3	5.3	6.0	5.7	
MIDNIGHT	KB	8.0	6.3	6.7	6.7	5.0	6.3	6.3	6.3	6.0	5.7	
BAR FA 121095	TF	7.3	6.7	7.0	6.0	5.7	5.3	5.3	5.3	5.7	6.0	
EVEREST	KB	7.7	6.3	6.3	6.7	5.0	6.0	5.3	6.0	6.0	6.0	
BABE	KB	7.3	5.7	6.3	6.7	6.7	5.7	5.3	5.0	5.7	6.0	
NAI-13-132	KB	7.0	6.3	5.7	6.7	5.7	6.7	6.3	6.3	7.0	6.7	
BARRARI	KB	7.3	6.3	6.0	6.3	5.7	6.0	5.3	5.0	5.0	5.7	
BAR PP 110358	KB	6.7	5.3	5.0	5.7	5.3	5.7	5.3	5.3	6.0	5.7	
NAI-13-14	KB	7.3	6.0	5.7	5.7	5.3	6.3	5.3	6.0	5.7	6.0	
BLUE DEVIL	KB	7.0	5.7	5.7	6.0	5.0	6.0	5.7	5.3	6.0	5.3	
PST-K13-143	KB	7.0	5.7	6.0	6.0	6.0	6.7	5.7	5.0	6.0	5.3	
DAUNTLESS	KB	6.7	5.7	5.7	6.0	6.3	6.0	4.7	4.7	5.3	5.3	
BLUE NOTE	KB	6.3	5.7	5.7	6.0	5.7	5.7	5.0	4.3	5.7	5.3	
PST-K15-169	KB	6.3	6.0	5.3	6.0	5.7	5.7	4.7	4.7	4.7	5.0	
PST-K13-137	KB	6.0	5.3	5.0	5.7	5.0	5.0	5.0	4.3	5.0	4.3	
LSD VALUE		0.8	1.1	1.1	1.7	1.4	1.2	1.2	1.0	1.3	1.2	
C.V. (%)		6.7	9.9	9.9	10.9	12.1	9.7	11.0	10.3	11.0	11.1	

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

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

TABLE 10A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN				QUALITY RATINGS DURING RECOVERY PERIOD				10/29	11/25	MEAN
		9/12	9/17	9/25	10/17	10/3	10/9	10/17	10/22			
SR 4650 (P.RYEGRASS STANDARD ENTRY)		7.3	7.3	7.3	7.0	7.3	7.0	7.0	7.0	7.7	4.7	7.6
PST-R511	TF	7.0	7.0	6.7	6.0	6.7	6.3	6.0	6.0	6.0	3.3	6.9
CATALYST	TF	6.3	7.0	6.7	5.3	6.0	6.0	5.3	5.7	5.7	2.7	6.8
DLFPS 321/3679	TF	6.3	6.0	6.0	5.3	6.0	6.0	5.3	5.3	5.0	2.3	6.8
KINGDOM	TF	7.0	6.3	6.3	5.3	6.0	6.0	5.3	5.3	5.0	2.3	6.8
DLFPS 321/3678	TF	7.0	6.0	6.7	5.7	6.0	6.0	5.7	5.7	5.7	2.7	6.7
MRSI TF15	TF	6.3	6.0	6.3	5.7	5.7	5.7	5.7	5.3	5.7	2.3	6.7
PST-5SDS	TF	6.7	6.3	6.7	5.3	5.3	5.3	5.3	4.7	5.0	2.7	6.6
RS4	TF	6.7	6.7	6.3	5.7	6.3	6.3	5.7	5.3	5.3	2.7	6.6
SUPERSONIC	TF	6.7	6.3	5.7	5.0	5.3	5.3	5.0	5.3	5.3	2.7	6.6
THUNDERSTRUCK	TF	6.0	6.3	6.0	5.3	5.7	6.0	5.3	5.3	5.7	2.7	6.6
PST-K13-141	KB	6.3	6.3	6.0	5.7	5.7	6.3	5.7	6.0	6.3	2.3	6.5
THOR	TF	6.3	6.0	6.0	5.0	5.3	5.7	5.0	4.7	5.0	2.0	6.5
DLFPS 321/3677	TF	6.3	6.0	6.0	5.3	5.7	6.0	5.3	5.0	5.3	2.3	6.4
NONET	TF	6.0	6.0	6.0	5.0	5.7	5.3	5.0	5.0	5.0	2.7	6.4
STETSON II	TF	6.0	5.3	5.7	5.3	5.3	5.3	5.3	5.0	5.0	2.3	6.4
TITANIUM 2LS	TF	6.0	5.3	5.7	5.0	5.0	5.7	5.0	5.0	5.0	2.7	6.4
BARROBUSTO	TF	6.3	6.0	6.3	5.0	5.3	5.7	5.0	5.0	5.0	2.7	6.3
LTP-SYN-A3	TF	5.7	5.7	6.0	5.0	5.3	5.7	5.0	5.0	5.0	2.7	6.3
GO-AOMK	TF	5.7	5.0	5.0	5.0	4.7	5.3	5.0	5.0	4.7	2.3	6.2
PST-K11-118	KB	5.7	5.3	5.3	5.3	5.3	5.3	5.3	5.0	5.7	2.3	6.2
MIDNIGHT	KB	6.3	5.7	5.0	4.3	5.3	5.7	4.3	4.0	5.3	2.3	6.1
BAR FA 121095	TF	5.7	5.3	5.0	5.0	5.0	5.0	5.0	4.7	4.7	2.7	6.0
EVEREST	KB	6.3	6.0	5.3	4.7	5.3	5.0	4.7	4.7	5.0	2.0	6.0
BABE	KB	6.3	5.7	5.7	5.3	5.0	5.3	5.3	5.3	5.7	2.3	5.9
NAI-13-132	KB	7.0	5.7	5.3	4.3	5.0	5.0	4.3	4.0	4.7	2.0	5.9
BARRARI	KB	6.3	5.0	5.7	5.7	5.0	5.7	5.7	5.3	5.7	2.3	5.8
BAR PP 110358	KB	6.0	5.7	5.7	4.3	4.7	4.7	4.3	4.3	5.0	2.0	5.7
NAI-13-14	KB	6.3	5.0	5.0	4.3	4.3	4.7	4.3	4.3	4.3	2.3	5.7
BLUE DEVIL	KB	6.0	5.0	4.7	4.7	4.3	5.3	4.7	4.0	4.3	2.0	5.6
PST-K13-143	KB	5.3	5.0	5.3	5.3	5.3	5.7	5.3	4.7	5.0	2.0	5.6
DAUNTLESS	KB	5.7	4.7	5.3	5.0	4.0	5.3	5.0	4.7	4.3	2.0	5.4
BLUE NOTE	KB	5.0	4.3	4.7	4.0	4.7	4.3	4.0	4.7	4.0	1.7	5.3
PST-K15-169	KB	5.3	4.3	5.0	4.0	3.7	5.0	4.0	4.3	4.0	2.7	5.3
PST-K13-137	KB	5.0	4.0	4.0	3.3	3.3	4.0	3.3	3.0	3.3	1.3	4.9
LSD VALUE		1.3	1.2	0.9	0.8	1.1	1.1	0.8	0.9	1.3	1.0	0.5
C.V. (%)		10.3	12.5	10.0	10.0	12.2	10.8	10.0	10.9	14.2	22.3	5.3

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

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

TABLE 10A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/												
		PERCENT GREEN COVER DURING DRY DOWN										
NAME		6/6	6/13	6/20	6/28	7/4	7/11	7/18	7/28	8/1	8/7	8/16
SR 4650 (P.RYEGRASS STANDARD ENTRY)		91.7	91.7	95.0	95.0	86.7	88.3	88.3	80.0	83.3	85.0	76.7
PST-R511	TF	91.7	90.0	95.0	95.0	90.0	91.7	86.7	86.7	81.7	85.0	70.0
CATALYST	TF	90.0	88.3	95.0	95.0	90.0	91.7	88.3	86.7	86.7	88.3	71.7
DLFPS 321/3679	TF	95.0	93.3	95.0	95.0	90.0	90.0	86.7	86.7	88.3	83.3	65.0
KINGDOM	TF	91.7	91.7	95.0	95.0	90.0	93.3	88.3	90.0	90.0	85.0	68.3
DLFPS 321/3678	TF	93.3	91.7	95.0	95.0	90.0	90.0	85.0	88.3	85.0	80.0	70.0
MRS L TF15	TF	95.0	90.0	95.0	95.0	90.0	90.0	90.0	88.3	86.7	83.3	68.3
PST-5SDS	TF	90.0	93.3	95.0	95.0	90.0	93.3	88.3	86.7	88.3	85.0	68.3
RS4	TF	88.3	90.0	95.0	93.3	88.3	88.3	86.7	81.7	85.0	83.3	71.7
SUPERSONIC	TF	91.7	90.0	95.0	95.0	90.0	91.7	86.7	83.3	83.3	83.3	68.3
THUNDERSTRUCK	TF	93.3	90.0	95.0	95.0	95.0	93.3	90.0	88.3	88.3	81.7	68.3
PST-K13-141	KB	73.3	73.3	93.3	95.0	90.0	88.3	86.7	91.7	88.3	86.7	68.3
THOR	TF	95.0	93.3	95.0	95.0	91.7	88.3	86.7	86.7	86.7	83.3	63.3
DLFPS 321/3677	TF	93.3	91.7	95.0	95.0	90.0	88.3	86.7	85.0	83.3	81.7	70.0
NONET	TF	90.0	90.0	95.0	95.0	90.0	90.0	85.0	83.3	83.3	80.0	65.0
STETSON II	TF	93.3	91.7	95.0	95.0	88.3	86.7	85.0	85.0	86.7	81.7	66.7
TITANIUM 2LS	TF	90.0	90.0	95.0	93.3	88.3	86.7	85.0	85.0	86.7	83.3	68.3
BARROBUSTO	TF	93.3	90.0	95.0	93.3	90.0	88.3	86.7	81.7	83.3	81.7	65.0
LTP-SYN-A3	TF	88.3	88.3	95.0	93.3	88.3	86.7	86.7	86.7	85.0	83.3	70.0
GO-AOMK	TF	95.0	88.3	95.0	95.0	90.0	88.3	86.7	85.0	81.7	78.3	66.7
PST-K11-118	KB	85.0	81.7	95.0	95.0	90.0	85.0	85.0	85.0	78.3	83.3	68.3
MIDNIGHT	KB	85.0	71.7	95.0	95.0	90.0	81.7	81.7	78.3	83.3	78.3	63.3
BAR FA 121095	TF	91.7	91.7	95.0	95.0	88.3	86.7	83.3	80.0	81.7	76.7	58.3
EVEREST	KB	85.0	80.0	95.0	95.0	88.3	83.3	83.3	81.7	83.3	81.7	70.0
BABE	KB	73.3	71.7	91.7	93.3	85.0	83.3	83.3	86.7	80.0	85.0	65.0
NAI-13-132	KB	80.0	78.3	95.0	95.0	85.0	81.7	81.7	81.7	81.7	83.3	70.0
BARRARI	KB	75.0	73.3	88.3	90.0	86.7	83.3	81.7	76.7	78.3	81.7	63.3
BAR PP 110358	KB	78.3	80.0	93.3	93.3	86.7	80.0	76.7	73.3	73.3	80.0	68.3
NAI-13-14	KB	85.0	80.0	93.3	93.3	83.3	76.7	81.7	70.0	81.7	73.3	61.7
BLUE DEVIL	KB	83.3	78.3	91.7	93.3	85.0	80.0	80.0	73.3	73.3	73.3	61.7
PST-K13-143	KB	66.7	53.3	90.0	90.0	83.3	80.0	81.7	85.0	83.3	83.3	75.0
DAUNTLESS	KB	75.0	68.3	91.7	90.0	83.3	78.3	78.3	80.0	81.7	78.3	66.7
BLUE NOTE	KB	75.0	76.7	90.0	91.7	85.0	81.7	83.3	81.7	80.0	80.0	73.3
PST-K15-169	KB	76.7	68.3	91.7	88.3	81.7	78.3	78.3	78.3	75.0	71.7	65.0
PST-K13-137	KB	83.3	71.7	88.3	90.0	78.3	78.3	80.0	73.3	73.3	78.3	68.3
LSD VALUE		6.7	6.1	4.9	3.5	5.4	5.8	10.1	7.1	7.2	13.1	17.2
C.V. (%)		5.1	4.9	2.6	2.1	3.5	4.2	5.2	5.2	5.0	6.4	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.

TABLE 10A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

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

NAME		8/22	PERCENT GREEN COVER DURING DRY DOWN	8/29	9/7	9/13	9/20	9/27	PERCENT GREEN COVER DURING RECOVERY	10/4	10/11	10/18	10/24	10/31	11/25
SR 4650 (P.RYEGRASS STANDARD ENTRY)		83.3		86.7	85.0	86.7	90.0	86.7		83.3	86.7	86.7	83.3	61.7	45.0
PST-R511	TF	81.7		83.3	78.3	90.0	85.0	81.7		83.3	81.7	80.0	70.0	56.7	20.0
CATALYST	TF	83.3		83.3	78.3	86.7	85.0	81.7		80.0	78.3	75.0	70.0	58.3	20.0
DLFPS 321/3679	TF	81.7		81.7	81.7	86.7	83.3	80.0		76.7	76.7	75.0	65.0	50.0	16.7
KINGDOM	TF	81.7		83.3	78.3	85.0	83.3	80.0		78.3	80.0	73.3	70.0	50.0	18.3
DLFPS 321/3678	TF	81.7		80.0	81.7	85.0	83.3	80.0		80.0	80.0	76.7	65.0	55.0	16.7
MRS L TF15	TF	81.7		81.7	80.0	81.7	83.3	78.3		80.0	80.0	73.3	70.0	53.3	18.3
PST-5SDS	TF	81.7		80.0	81.7	86.7	80.0	78.3		76.7	75.0	70.0	56.7	50.0	15.0
RS4	TF	80.0		83.3	83.3	88.3	85.0	81.7		81.7	78.3	76.7	68.3	53.3	20.0
SUPERSONIC	TF	80.0		81.7	81.7	85.0	81.7	76.7		75.0	75.0	73.3	70.0	56.7	18.3
THUNDERSTRUCK	TF	76.7		80.0	80.0	83.3	83.3	80.0		80.0	78.3	73.3	68.3	55.0	16.7
PST-K13-141	KB	78.3		78.3	75.0	85.0	78.3	83.3		78.3	78.3	78.3	68.3	61.7	13.3
THOR	TF	76.7		80.0	76.7	80.0	80.0	76.7		75.0	75.0	70.0	65.0	50.0	16.7
DLFPS 321/3677	TF	76.7		81.7	80.0	83.3	81.7	78.3		78.3	76.7	71.7	65.0	50.0	18.3
NONET	TF	78.3		80.0	78.3	83.3	81.7	76.7		75.0	75.0	71.7	60.0	53.3	18.3
STETSON II	TF	76.7		80.0	78.3	83.3	80.0	75.0		75.0	73.3	73.3	66.7	55.0	16.7
TITANIUM 2LS	TF	80.0		80.0	75.0	81.7	78.3	75.0		75.0	75.0	73.3	63.3	56.7	16.7
BARROBUSTO	TF	78.3		76.7	76.7	83.3	81.7	78.3		78.3	75.0	73.3	63.3	56.7	16.7
LTP-SYN-A3	TF	80.0		80.0	76.7	81.7	80.0	76.7		78.3	75.0	75.0	61.7	50.0	18.3
GO-AOMK	TF	76.7		76.7	75.0	81.7	76.7	76.7		73.3	73.3	70.0	60.0	48.3	16.7
PST-K11-118	KB	75.0		76.7	68.3	76.7	80.0	71.7		70.0	76.7	66.7	68.3	58.3	13.3
MIDNIGHT	KB	76.7		76.7	73.3	78.3	76.7	76.7		68.3	66.7	61.7	55.0	53.3	6.7
BAR FA 121095	TF	78.3		75.0	70.0	78.3	75.0	73.3		70.0	73.3	68.3	56.7	48.3	15.0
EVEREST	KB	76.7		73.3	76.7	85.0	78.3	80.0		73.3	68.3	65.0	61.7	53.3	11.7
BABE	KB	76.7		76.7	73.3	81.7	73.3	76.7		73.3	73.3	71.7	66.7	55.0	10.0
NAI-13-132	KB	80.0		80.0	76.7	80.0	81.7	75.0		70.0	65.0	65.0	55.0	55.0	6.7
BARRARI	KB	71.7		75.0	73.3	81.7	78.3	76.7		76.7	71.7	75.0	68.3	51.7	18.3
BAR PP 110358	KB	75.0		75.0	75.0	71.7	73.3	73.3		68.3	61.7	60.0	53.3	48.3	6.7
NAI-13-14	KB	70.0		76.7	70.0	73.3	73.3	68.3		61.7	58.3	55.0	51.7	51.7	6.7
BLUE DEVIL	KB	71.7		73.3	71.7	75.0	68.3	71.7		63.3	63.3	58.3	55.0	48.3	6.7
PST-K13-143	KB	71.7		76.7	78.3	81.7	80.0	78.3		81.7	75.0	75.0	73.3	60.0	13.3
DAUNTLESS	KB	73.3		75.0	73.3	73.3	78.3	73.3		73.3	70.0	68.3	60.0	41.7	8.3
BLUE NOTE	KB	66.7		76.7	75.0	75.0	78.3	71.7		76.7	66.7	66.7	56.7	41.7	6.7
PST-K15-169	KB	75.0		73.3	68.3	73.3	71.7	70.0		68.3	60.0	56.7	58.3	46.7	11.7
PST-K13-137	KB	71.7		76.7	68.3	66.7	68.3	61.7		56.7	58.3	53.3	48.3	45.0	6.7
LSD VALUE		16.6		10.7	14.4	9.3	8.9	9.3		8.8	10.0	9.6	15.9	10.8	5.7
C.V. (%)		7.8		5.7	7.8	6.4	6.1	6.5		7.0	8.1	8.4	12.8	10.5	24.9

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

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

TABLE 10B.

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	PREDROUGHT QUALITY RATINGS				QUALITY RATINGS DURING DRY DOWN			
			4/30	5/10	5/24	5/30	6/5	6/14	6/19	6/26
SR 4650 (P.RYEGRASS STANDARD ENTRY)		8.3	63.3	6.3	8.0	9.0	9.0	9.0	9.0	9.0
PST-K13-141	KB	6.0	51.7	4.0	6.7	6.7	6.7	5.3	7.3	7.3
PST-K11-118	KB	5.7	58.3	5.0	7.0	7.3	7.3	7.0	8.0	7.7
MIDNIGHT	KB	6.3	48.3	3.0	6.7	7.0	8.0	7.7	7.7	8.3
EVEREST	KB	5.7	48.3	3.0	6.3	7.3	7.7	7.0	7.3	8.0
BABE	KB	5.3	50.0	3.7	6.3	6.3	7.0	5.7	7.3	7.0
NAI-13-132	KB	5.0	41.7	2.0	5.3	5.3	7.3	6.3	7.7	8.0
BARRARI	KB	5.3	56.7	3.7	6.7	6.3	6.3	5.3	6.7	7.0
BAR PP 110358	KB	5.0	55.0	4.3	6.7	7.3	7.3	6.7	7.3	6.3
NAI-13-14	KB	5.7	46.7	2.0	5.7	7.0	8.0	7.0	6.3	8.0
BLUE DEVIL	KB	5.7	43.3	2.3	5.7	6.7	7.3	7.0	7.3	7.7
PST-K13-143	KB	6.0	50.0	4.7	6.3	6.3	6.0	4.7	5.3	6.0
DAUNTLESS	KB	5.0	51.7	3.3	6.7	6.3	6.0	5.3	5.0	6.7
BLUE NOTE	KB	5.3	55.0	3.7	6.3	6.3	7.0	6.3	6.3	5.7
PST-K15-169	KB	5.3	56.7	3.7	7.0	6.7	6.3	6.0	5.0	7.0
PST-K13-137	KB	6.3	56.7	3.0	6.7	6.0	7.0	6.0	5.3	8.0
LSD VALUE		1.0	12.3	1.1	1.5	1.9	1.0	1.1	1.3	0.9
C.V. (%)		10.3	11.9	18.6	10.9	13.8	8.2	10.7	13.5	7.8

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

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

TABLE 10B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN									
		7/4	7/10	7/17	7/24	7/30	8/5	8/14	8/19	8/27	9/13
SR 4650 (P.RYEGRASS STANDARD ENTRY)		8.7	7.3	7.3	6.7	6.7	7.0	7.3	6.3	7.3	7.3
PST-K13-141	KB	8.3	7.3	8.0	7.7	7.3	7.3	6.0	6.7	6.3	6.3
PST-K11-118	KB	8.0	7.0	6.7	7.0	6.3	6.0	5.3	5.3	6.0	5.7
MIDNIGHT	KB	8.0	6.3	6.7	6.7	5.0	6.3	6.3	6.3	6.0	5.7
EVEREST	KB	7.7	6.3	6.3	6.7	5.0	6.0	5.3	6.0	6.0	6.0
BABE	KB	7.3	5.7	6.3	6.7	6.7	5.7	5.3	5.0	5.7	6.0
NAI-13-132	KB	7.0	6.3	5.7	6.7	5.7	6.7	6.3	6.3	7.0	6.7
BARRARI	KB	7.3	6.3	6.0	6.3	5.7	6.0	5.3	5.0	5.0	5.7
BAR PP 110358	KB	6.7	5.3	5.0	5.7	5.3	5.7	5.3	5.3	6.0	5.7
NAI-13-14	KB	7.3	6.0	5.7	5.7	5.3	6.3	5.3	6.0	5.7	6.0
BLUE DEVIL	KB	7.0	5.7	5.7	6.0	5.0	6.0	5.7	5.3	6.0	5.3
PST-K13-143	KB	7.0	5.7	6.0	6.0	6.0	6.7	5.7	5.0	6.0	5.3
DAUNTLESS	KB	6.7	5.7	5.7	6.0	6.3	6.0	4.7	4.7	5.3	5.3
BLUE NOTE	KB	6.3	5.7	5.7	6.0	5.7	5.7	5.0	4.3	5.7	5.3
PST-K15-169	KB	6.3	6.0	5.3	6.0	5.7	5.7	4.7	4.7	4.7	5.0
PST-K13-137	KB	6.0	5.3	5.0	5.7	5.0	5.0	5.0	4.3	5.0	4.3
LSD VALUE		1.0	1.4	1.2	2.2	1.8	1.1	1.6	1.1	1.3	1.5
C.V. (%)		8.1	11.2	11.0	13.6	14.5	9.4	14.0	11.5	11.8	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 10B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN				QUALITY RATINGS DURING RECOVERY PERIOD				10/29	11/25	MEAN
		9/12	9/17	9/25	10/17	10/3	10/9	10/17	10/22			
SR 4650 (P.RYEGRASS STANDARD ENTRY)		7.3	7.3	7.3	7.0	7.3	7.0	7.0	7.0	7.7	4.7	7.6
PST-K13-141	KB	6.3	6.3	6.0	5.7	5.7	6.3	5.7	6.0	6.3	2.3	6.5
PST-K11-118	KB	5.7	5.3	5.3	5.3	5.3	5.3	5.3	5.0	5.7	2.3	6.2
MIDNIGHT	KB	6.3	5.7	5.0	4.3	5.3	5.7	4.3	4.0	5.3	2.3	6.1
EVEREST	KB	6.3	6.0	5.3	4.7	5.3	5.0	4.7	4.7	5.0	2.0	6.0
BABE	KB	6.3	5.7	5.7	5.3	5.0	5.3	5.3	5.3	5.7	2.3	5.9
NAI-13-132	KB	7.0	5.7	5.3	4.3	5.0	5.0	4.3	4.0	4.7	2.0	5.9
BARRARI	KB	6.3	5.0	5.7	5.7	5.0	5.7	5.7	5.3	5.7	2.3	5.8
BAR PP 110358	KB	6.0	5.7	5.7	4.3	4.7	4.7	4.3	4.3	5.0	2.0	5.7
NAI-13-14	KB	6.3	5.0	5.0	4.3	4.3	4.7	4.3	4.3	4.3	2.3	5.7
BLUE DEVIL	KB	6.0	5.0	4.7	4.7	4.3	5.3	4.7	4.0	4.3	2.0	5.6
PST-K13-143	KB	5.3	5.0	5.3	5.3	5.3	5.7	5.3	4.7	5.0	2.0	5.6
DAUNTLESS	KB	5.7	4.7	5.3	5.0	4.0	5.3	5.0	4.7	4.3	2.0	5.4
BLUE NOTE	KB	5.0	4.3	4.7	4.0	4.7	4.3	4.0	4.7	4.0	1.7	5.3
PST-K15-169	KB	5.3	4.3	5.0	4.0	3.7	5.0	4.0	4.3	4.0	2.7	5.3
PST-K13-137	KB	5.0	4.0	4.0	3.3	3.3	4.0	3.3	3.0	3.3	1.3	4.9
LSD VALUE		1.6	1.5	1.0	1.0	1.0	1.5	1.0	0.9	1.3	1.2	0.6
C.V. (%)		12.9	15.0	11.0	13.0	13.0	14.4	13.0	11.4	15.6	28.8	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 10B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/												
		PERCENT GREEN COVER DURING DRY DOWN										
NAME		6/6	6/13	6/20	6/28	7/4	7/11	7/18	7/28	8/1	8/7	8/16
SR 4650 (P.RYEGRASS STANDARD ENTRY)		91.7	91.7	95.0	95.0	86.7	88.3	88.3	80.0	83.3	85.0	76.7
PST-K13-141	KB	73.3	73.3	93.3	95.0	90.0	88.3	86.7	91.7	88.3	86.7	68.3
PST-K11-118	KB	85.0	81.7	95.0	95.0	90.0	85.0	85.0	85.0	78.3	83.3	68.3
MIDNIGHT	KB	85.0	71.7	95.0	95.0	90.0	81.7	81.7	78.3	83.3	78.3	63.3
EVEREST	KB	85.0	80.0	95.0	95.0	88.3	83.3	83.3	81.7	83.3	81.7	70.0
BABE	KB	73.3	71.7	91.7	93.3	85.0	83.3	83.3	86.7	80.0	85.0	65.0
NAI-13-132	KB	80.0	78.3	95.0	95.0	85.0	81.7	81.7	81.7	81.7	83.3	70.0
BARRARI	KB	75.0	73.3	88.3	90.0	86.7	83.3	81.7	76.7	78.3	81.7	63.3
BAR PP 110358	KB	78.3	80.0	93.3	93.3	86.7	80.0	76.7	73.3	73.3	80.0	68.3
NAI-13-14	KB	85.0	80.0	93.3	93.3	83.3	76.7	81.7	70.0	81.7	73.3	61.7
BLUE DEVIL	KB	83.3	78.3	91.7	93.3	85.0	80.0	80.0	73.3	73.3	73.3	61.7
PST-K13-143	KB	66.7	53.3	90.0	90.0	83.3	80.0	81.7	85.0	83.3	83.3	75.0
DAUNTLESS	KB	75.0	68.3	91.7	90.0	83.3	78.3	78.3	80.0	81.7	78.3	66.7
BLUE NOTE	KB	75.0	76.7	90.0	91.7	85.0	81.7	83.3	81.7	80.0	80.0	73.3
PST-K15-169	KB	76.7	68.3	91.7	88.3	81.7	78.3	78.3	78.3	75.0	71.7	65.0
PST-K13-137	KB	83.3	71.7	88.3	90.0	78.3	78.3	80.0	73.3	73.3	78.3	68.3
LSD VALUE		9.0	8.2	7.9	4.5	8.5	8.4	9.4	7.7	7.2	13.4	13.0
C.V. (%)		6.6	6.8	3.5	2.6	4.6	4.9	4.9	5.6	5.0	7.3	8.5

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

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

TABLE 10B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN					PERCENT GREEN COVER DURING RECOVERY						
		8/22	8/29	9/7	9/13	9/20	9/27	10/4	10/11	10/18	10/24		
SR 4650 (P.RYEGRASS STANDARD ENTRY)		83.3	86.7	85.0	86.7	90.0	86.7	83.3	86.7	86.7	83.3	61.7	45.0
PST-K13-141	KB	78.3	78.3	75.0	85.0	78.3	83.3	78.3	78.3	78.3	68.3	61.7	13.3
PST-K11-118	KB	75.0	76.7	68.3	76.7	80.0	71.7	70.0	76.7	66.7	68.3	58.3	13.3
MIDNIGHT	KB	76.7	76.7	73.3	78.3	76.7	76.7	68.3	66.7	61.7	55.0	53.3	6.7
EVEREST	KB	76.7	73.3	76.7	85.0	78.3	80.0	73.3	68.3	65.0	61.7	53.3	11.7
BABE	KB	76.7	76.7	73.3	81.7	73.3	76.7	73.3	73.3	71.7	66.7	55.0	10.0
NAI-13-132	KB	80.0	80.0	76.7	80.0	81.7	75.0	70.0	65.0	65.0	55.0	55.0	6.7
BARRARI	KB	71.7	75.0	73.3	81.7	78.3	76.7	76.7	71.7	75.0	68.3	51.7	18.3
BAR PP 110358	KB	75.0	75.0	75.0	71.7	73.3	73.3	68.3	61.7	60.0	53.3	48.3	6.7
NAI-13-14	KB	70.0	76.7	70.0	73.3	73.3	68.3	61.7	58.3	55.0	51.7	51.7	6.7
BLUE DEVIL	KB	71.7	73.3	71.7	75.0	68.3	71.7	63.3	63.3	58.3	55.0	48.3	6.7
PST-K13-143	KB	71.7	76.7	78.3	81.7	80.0	78.3	81.7	75.0	75.0	73.3	60.0	13.3
DAUNTLESS	KB	73.3	75.0	73.3	73.3	78.3	73.3	73.3	70.0	68.3	60.0	41.7	8.3
BLUE NOTE	KB	66.7	76.7	75.0	75.0	78.3	71.7	76.7	66.7	66.7	56.7	41.7	6.7
PST-K15-169	KB	75.0	73.3	68.3	73.3	71.7	70.0	68.3	60.0	56.7	58.3	46.7	11.7
PST-K13-137	KB	71.7	76.7	68.3	66.7	68.3	61.7	56.7	58.3	53.3	48.3	45.0	6.7
LSD VALUE		25.0	15.9	18.9	13.6	13.4	11.9	11.5	15.2	13.0	13.7	12.5	7.3
C.V. (%)		10.9	7.3	9.4	8.4	8.3	8.3	9.0	11.6	11.3	12.8	12.6	39.0

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 10C.

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

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

NAME		GENETIC COLOR	SPRING GREENUP	PREDROUGHT QUALITY RATINGS				QUALITY RATINGS DURING DRY DOWN			
				4/30	5/10	5/24	5/30	6/5	6/14	6/19	6/26
SR 4650 (P.RYEGRASS STANDARD ENTRY)		8.3	63.3	6.3	8.0	9.0	9.0	9.0	9.0	9.0	9.0
PST-R511	TF	6.7	53.3	6.0	6.7	7.7	7.7	7.0	7.3	7.7	8.0
CATALYST	TF	7.0	50.0	7.0	6.7	7.3	7.0	7.3	7.3	8.0	8.0
DLFPS 321/3679	TF	6.7	50.0	6.0	7.0	8.0	8.0	8.0	8.0	8.3	8.0
KINGDOM	TF	7.0	53.3	4.7	7.3	6.7	7.0	7.7	8.0	8.0	8.0
DLFPS 321/3678	TF	7.0	56.7	6.0	7.3	7.0	7.0	7.3	7.3	7.7	8.0
MRSI TF15	TF	7.0	53.3	6.0	6.7	7.3	7.3	7.3	8.0	8.0	8.0
PST-5SDS	TF	6.7	51.7	6.0	6.7	7.3	7.0	7.3	7.3	7.7	7.7
RS4	TF	7.0	55.0	5.7	6.7	7.0	7.0	7.0	7.0	7.3	8.0
SUPERSONIC	TF	7.7	51.7	7.0	6.7	7.0	7.0	7.7	8.0	8.0	8.0
THUNDERSTRUCK	TF	7.0	51.7	5.0	6.7	7.3	7.3	7.3	8.0	8.0	8.0
THOR	TF	7.0	58.3	5.7	7.7	8.0	8.0	8.0	8.0	8.0	8.0
DLFPS 321/3677	TF	6.3	58.3	6.0	6.7	7.7	7.7	7.3	7.7	8.0	8.0
NONET	TF	7.7	53.3	6.3	6.7	7.3	7.3	7.3	7.7	8.0	8.0
STETSON II	TF	6.7	58.3	5.7	7.3	7.3	7.3	7.7	7.7	8.0	8.0
TITANIUM 2LS	TF	7.3	56.7	6.0	7.0	7.3	7.3	7.3	7.0	7.7	7.7
BARROBUSTO	TF	7.0	56.7	6.3	7.3	7.0	7.0	7.0	7.0	7.7	7.7
LTP-SYN-A3	TF	7.0	53.3	6.0	6.3	6.7	7.0	7.0	7.0	7.3	8.0
GO-AOMK	TF	7.7	56.7	5.3	7.0	7.7	7.7	7.7	7.3	8.0	8.0
BAR FA 121095	TF	6.7	53.3	4.7	6.7	7.0	7.0	7.7	7.3	7.7	8.0
LSD VALUE		1.0	9.9	1.4	1.2	0.9	0.9	0.9	0.9	0.7	0.4
C.V. (%)		7.3	7.9	12.0	7.7	6.6	6.5	6.4	6.3	4.7	2.8

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

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

TABLE 10C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

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

NAME		7/4	7/10	7/17	QUALITY RATINGS DURING DRY DOWN						9/13
					7/24	7/30	8/5	8/14	8/19	8/27	
SR 4650 (P.RYEGRASS STANDARD ENTRY)		8.7	7.3	7.3	6.7	6.7	7.0	7.3	6.3	7.3	7.3
PST-R511	TF	8.0	7.7	7.7	7.3	7.0	6.7	6.7	6.3	7.0	7.0
CATALYST	TF	8.0	7.7	7.7	7.3	7.0	7.0	6.7	6.3	6.7	7.0
DLFPS 321/3679	TF	8.0	7.3	8.0	6.7	6.7	6.7	6.3	6.7	6.7	6.7
KINGDOM	TF	8.0	7.7	8.0	7.7	6.7	7.0	7.0	6.7	7.0	7.0
DLFPS 321/3678	TF	8.0	7.3	7.3	7.0	6.7	6.3	6.3	6.3	6.7	6.7
MRS� TF15	TF	8.0	7.7	7.7	7.3	7.3	6.0	6.3	6.3	6.3	7.0
PST-5SDS	TF	7.7	7.3	7.7	7.3	7.0	7.0	5.7	6.3	6.7	6.7
RS4	TF	7.3	7.3	7.3	6.7	6.3	6.0	6.7	6.3	6.7	7.0
SUPERSONIC	TF	8.0	7.3	7.7	6.7	6.7	6.3	6.0	6.3	6.3	6.7
THUNDERSTRUCK	TF	8.0	7.7	8.0	7.3	7.3	6.3	6.7	6.0	6.3	6.7
THOR	TF	8.0	7.3	7.3	7.0	6.3	6.3	6.0	6.0	6.0	6.0
DLFPS 321/3677	TF	7.7	6.7	7.3	6.3	5.7	6.0	6.0	6.0	6.0	6.3
NONET	TF	8.0	7.0	7.7	6.7	6.3	6.3	5.7	5.7	6.3	6.3
STETSON II	TF	8.0	7.0	7.3	6.7	6.3	6.7	5.7	6.3	6.0	6.0
TITANIUM 2LS	TF	7.7	7.0	7.3	6.7	6.7	6.7	6.3	5.7	6.3	6.3
BARROBUSTO	TF	7.3	6.7	7.0	6.7	6.0	6.0	6.0	6.0	5.7	6.0
LTP-SYN-A3	TF	7.7	6.7	7.0	6.7	6.7	6.7	6.0	5.7	6.0	6.3
GO-AOMK	TF	7.7	7.0	7.3	6.7	6.7	5.3	6.7	5.7	5.3	6.3
BAR FA 121095	TF	7.3	6.7	7.0	6.0	5.7	5.3	5.3	5.3	5.7	6.0
LSD VALUE		1.1	2.0	2.7	1.7	1.7	1.2	0.8	1.9	1.3	0.9
C.V. (%)		5.7	9.0	10.0	9.1	10.2	8.9	7.5	10.5	9.7	6.9

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

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

TABLE 10C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN				QUALITY RATINGS DURING RECOVERY PERIOD				10/29	11/25	MEAN
		9/12	9/17	9/25	10/17	10/3	10/9	10/17	10/22			
SR 4650 (P.RYEGRASS STANDARD ENTRY)		7.3	7.3	7.3	7.0	7.3	7.0	7.0	7.0	7.7	4.7	7.6
PST-R511	TF	7.0	7.0	6.7	6.0	6.7	6.3	6.0	6.0	6.0	3.3	6.9
CATALYST	TF	6.3	7.0	6.7	5.3	6.0	6.0	5.3	5.7	5.7	2.7	6.8
DLFPS 321/3679	TF	6.3	6.0	6.0	5.3	6.0	6.0	5.3	5.3	5.0	2.3	6.8
KINGDOM	TF	7.0	6.3	6.3	5.3	6.0	6.0	5.3	5.3	5.0	2.3	6.8
DLFPS 321/3678	TF	7.0	6.0	6.7	5.7	6.0	6.0	5.7	5.7	5.7	2.7	6.7
MRSI TF15	TF	6.3	6.0	6.3	5.7	5.7	5.7	5.7	5.3	5.7	2.3	6.7
PST-5SDS	TF	6.7	6.3	6.7	5.3	5.3	5.3	5.3	4.7	5.0	2.7	6.6
RS4	TF	6.7	6.7	6.3	5.7	6.3	6.3	5.7	5.3	5.3	2.7	6.6
SUPERSONIC	TF	6.7	6.3	5.7	5.0	5.3	5.3	5.0	5.3	5.3	2.7	6.6
THUNDERSTRUCK	TF	6.0	6.3	6.0	5.3	5.7	6.0	5.3	5.3	5.7	2.7	6.6
THOR	TF	6.3	6.0	6.0	5.0	5.3	5.7	5.0	4.7	5.0	2.0	6.5
DLFPS 321/3677	TF	6.3	6.0	6.0	5.3	5.7	6.0	5.3	5.0	5.3	2.3	6.4
NONET	TF	6.0	6.0	6.0	5.0	5.7	5.3	5.0	5.0	5.0	2.7	6.4
STETSON II	TF	6.0	5.3	5.7	5.3	5.3	5.3	5.3	5.0	5.0	2.3	6.4
TITANIUM 2LS	TF	6.0	5.3	5.7	5.0	5.0	5.7	5.0	5.0	5.0	2.7	6.4
BARROBUSTO	TF	6.3	6.0	6.3	5.0	5.3	5.7	5.0	5.0	5.0	2.7	6.3
LTP-SYN-A3	TF	5.7	5.7	6.0	5.0	5.3	5.7	5.0	5.0	5.0	2.7	6.3
GO-AOMK	TF	5.7	5.0	5.0	5.0	4.7	5.3	5.0	5.0	4.7	2.3	6.2
BAR FA 121095	TF	5.7	5.3	5.0	5.0	5.0	5.0	5.0	4.7	4.7	2.7	6.0
LSD VALUE		1.0	1.2	1.1	0.8	1.2	0.7	0.8	0.9	1.2	0.7	0.5
C.V. (%)		7.9	10.5	9.7	8.0	11.1	7.0	8.0	9.3	12.4	14.9	4.7

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

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

TABLE 10C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/												
		PERCENT GREEN COVER DURING DRY DOWN										
NAME		6/6	6/13	6/20	6/28	7/4	7/11	7/18	7/28	8/1	8/7	8/16
SR 4650 (P.RYEGRASS STANDARD ENTRY)		91.7	91.7	95	95.0	86.7	88.3	88.3	80.0	83.3	85.0	76.7
PST-R511	TF	91.7	90.0	95	95.0	90.0	91.7	86.7	86.7	81.7	85.0	70.0
CATALYST	TF	90.0	88.3	95	95.0	90.0	91.7	88.3	86.7	86.7	88.3	71.7
DLFPS 321/3679	TF	95.0	93.3	95	95.0	90.0	90.0	86.7	86.7	88.3	83.3	65.0
KINGDOM	TF	91.7	91.7	95	95.0	90.0	93.3	88.3	90.0	90.0	85.0	68.3
DLFPS 321/3678	TF	93.3	91.7	95	95.0	90.0	90.0	85.0	88.3	85.0	80.0	70.0
MRSI TF15	TF	95.0	90.0	95	95.0	90.0	90.0	90.0	88.3	86.7	83.3	68.3
PST-5SDS	TF	90.0	93.3	95	95.0	90.0	93.3	88.3	86.7	88.3	85.0	68.3
RS4	TF	88.3	90.0	95	93.3	88.3	88.3	86.7	81.7	85.0	83.3	71.7
SUPERSONIC	TF	91.7	90.0	95	95.0	90.0	91.7	86.7	83.3	83.3	83.3	68.3
THUNDERSTRUCK	TF	93.3	90.0	95	95.0	95.0	93.3	90.0	88.3	88.3	81.7	68.3
THOR	TF	95.0	93.3	95	95.0	91.7	88.3	86.7	86.7	86.7	83.3	63.3
DLFPS 321/3677	TF	93.3	91.7	95	95.0	90.0	88.3	86.7	85.0	83.3	81.7	70.0
NONET	TF	90.0	90.0	95	95.0	90.0	90.0	85.0	83.3	83.3	80.0	65.0
STETSON II	TF	93.3	91.7	95	95.0	88.3	86.7	85.0	85.0	86.7	81.7	66.7
TITANIUM 2LS	TF	90.0	90.0	95	93.3	88.3	86.7	85.0	85.0	86.7	83.3	68.3
BARROBUSTO	TF	93.3	90.0	95	93.3	90.0	88.3	86.7	81.7	83.3	81.7	65.0
LTP-SYN-A3	TF	88.3	88.3	95	93.3	88.3	86.7	86.7	86.7	85.0	83.3	70.0
GO-AOMK	TF	95.0	88.3	95	95.0	90.0	88.3	86.7	85.0	81.7	78.3	66.7
BAR FA 121095	TF	91.7	91.7	95	95.0	88.3	86.7	83.3	80.0	81.7	76.7	58.3
LSD VALUE		8.5	9.1	0	3.5	6.0	7.4	13.2	11.3	10.3	10.4	10.9
C.V. (%)		3.5	3.2	0	1.3	2.6	3.5	4.4	5.0	4.5	4.8	7.1

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

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

TABLE 10C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

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

NAME	8/22	PERCENT GREEN COVER 8/29	DURING DRY DOWN 9/7	9/13	9/20	9/27	PERCENT GREEN COVER 10/4	DURING RECOVERY 10/11	10/18	10/24	10/31	11/25
SR 4650 (P.RYEGRASS STANDARD ENTRY)	83.3	86.7	85.0	86.7	90.0	86.7	83.3	86.7	86.7	83.3	61.7	45.0
PST-R511 TF	81.7	83.3	78.3	90.0	85.0	81.7	83.3	81.7	80.0	70.0	56.7	20.0
CATALYST TF	83.3	83.3	78.3	86.7	85.0	81.7	80.0	78.3	75.0	70.0	58.3	20.0
DLFPS 321/3679 TF	81.7	81.7	81.7	86.7	83.3	80.0	76.7	76.7	75.0	65.0	50.0	16.7
KINGDOM TF	81.7	83.3	78.3	85.0	83.3	80.0	78.3	80.0	73.3	70.0	50.0	18.3
DLFPS 321/3678 TF	81.7	80.0	81.7	85.0	83.3	80.0	80.0	80.0	76.7	65.0	55.0	16.7
MRSI TF15 TF	81.7	81.7	80.0	81.7	83.3	78.3	80.0	80.0	73.3	70.0	53.3	18.3
PST-5SDS TF	81.7	80.0	81.7	86.7	80.0	78.3	76.7	75.0	70.0	56.7	50.0	15.0
RS4 TF	80.0	83.3	83.3	88.3	85.0	81.7	81.7	78.3	76.7	68.3	53.3	20.0
SUPERSONIC TF	80.0	81.7	81.7	85.0	81.7	76.7	75.0	75.0	73.3	70.0	56.7	18.3
THUNDERSTRUCK TF	76.7	80.0	80.0	83.3	83.3	80.0	80.0	78.3	73.3	68.3	55.0	16.7
THOR TF	76.7	80.0	76.7	80.0	80.0	76.7	75.0	75.0	70.0	65.0	50.0	16.7
DLFPS 321/3677 TF	76.7	81.7	80.0	83.3	81.7	78.3	78.3	76.7	71.7	65.0	50.0	18.3
NONET TF	78.3	80.0	78.3	83.3	81.7	76.7	75.0	75.0	71.7	60.0	53.3	18.3
STETSON II TF	76.7	80.0	78.3	83.3	80.0	75.0	75.0	73.3	73.3	66.7	55.0	16.7
TITANIUM 2LS TF	80.0	80.0	75.0	81.7	78.3	75.0	75.0	75.0	73.3	63.3	56.7	16.7
BARROBUSTO TF	78.3	76.7	76.7	83.3	81.7	78.3	78.3	75.0	73.3	63.3	56.7	16.7
LTP-SYN-A3 TF	80.0	80.0	76.7	81.7	80.0	76.7	78.3	75.0	75.0	61.7	50.0	18.3
GO-AOMK TF	76.7	76.7	75.0	81.7	76.7	76.7	73.3	73.3	70.0	60.0	48.3	16.7
BAR FA 121095 TF	78.3	75.0	70.0	78.3	75.0	73.3	70.0	73.3	68.3	56.7	48.3	15.0
LSD VALUE	9.3	7.2	9.7	9.1	5.9	8.1	7.1	5.7	6.4	16.2	9.8	4.0
C.V. (%)	4.4	4.1	5.5	4.6	3.9	4.7	4.7	4.1	4.9	11.2	8.5	14.0

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

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

TABLE 11A.

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

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

NAME		GENETIC COLOR	SPRING GREENUP	PREDROUGHT QUALITY RATINGS				QUALITY RATINGS DURING DRY DOWN			
				4/30	5/10	5/24	5/30	6/5	6/14	6/19	6/26
SR 4650 (P.RYEGRASS STANDARD ENTRY)		8.7	63.3	6.0	8.0	9.0	9.0	9.0	9.0	9.0	9.0
DLFPS 321/3678	TF	7.0	56.7	6.0	7.0	8.0	8.0	8.0	8.3	8.0	8.0
THOR	TF	7.3	53.3	6.3	6.7	7.3	7.3	7.7	8.0	8.3	8.0
CATALYST	TF	7.0	45.0	6.7	6.7	7.0	7.7	7.0	7.7	8.0	8.0
DLFPS 321/3677	TF	7.3	53.3	6.3	6.7	7.3	7.7	8.0	8.0	8.0	8.0
LTP-SYN-A3	TF	7.7	53.3	6.3	6.7	7.0	7.0	7.0	8.0	8.0	8.0
DLFPS 321/3679	TF	6.7	51.7	6.0	7.0	7.3	7.3	7.3	7.7	8.0	8.0
KINGDOM	TF	7.0	50.0	5.7	6.7	7.0	7.0	7.7	8.0	8.0	8.0
PST-5SDS	TF	6.7	50.0	6.0	6.3	7.0	7.0	7.7	7.7	7.7	8.0
PST-K13-141	KB	5.7	48.3	4.3	6.3	7.0	7.0	5.7	6.7	8.0	8.0
PST-R511	TF	6.7	48.3	6.0	6.3	6.7	7.0	7.3	7.3	7.7	8.0
RS4	TF	7.3	51.7	5.7	6.7	5.7	7.0	7.3	7.7	7.7	8.0
TITANIUM 2LS	TF	7.3	55.0	6.3	7.0	7.7	8.0	7.7	8.3	7.7	8.0
BARROBUSTO	TF	7.0	52.5	6.0	7.0	8.0	7.0	7.0	7.5	8.0	8.0
PST-K11-118	KB	6.0	56.7	4.3	7.0	7.7	7.7	6.7	7.7	8.0	7.7
STETSON II	TF	7.0	55.0	6.0	7.0	7.3	7.0	7.7	8.0	7.7	8.0
MRSI TF15	TF	7.7	51.7	6.0	6.3	6.7	6.7	7.0	7.3	8.0	8.0
NAI-13-14	KB	6.0	45.0	2.7	6.0	7.0	8.3	7.3	7.3	8.0	8.3
THUNDERSTRUCK	TF	7.7	48.3	5.3	6.3	6.7	6.3	7.7	7.7	7.7	8.3
MIDNIGHT	KB	6.3	46.7	2.3	6.3	8.0	8.3	8.3	8.3	8.0	8.0
NONET	TF	7.3	50.0	5.0	6.7	6.7	6.7	6.7	7.3	8.0	8.0
SUPERSONIC	TF	7.3	56.7	7.0	7.0	7.3	7.3	7.3	7.7	8.0	7.7
BLUE DEVIL	KB	6.3	46.7	3.0	6.7	8.0	7.7	8.0	7.3	8.3	8.3
EVEREST	KB	6.3	50.0	3.0	6.7	7.3	8.0	7.3	7.3	7.7	8.3
NAI-13-132	KB	5.7	50.0	2.3	6.7	7.7	8.0	7.3	7.3	8.0	8.0
BAR PP 110358	KB	5.7	55.0	4.3	7.0	7.0	7.7	7.3	7.0	8.0	6.3
BLUE NOTE	KB	5.7	51.7	5.0	7.0	7.3	7.3	6.7	6.7	8.0	7.3
GO-AOMK	TF	7.3	51.7	5.3	6.7	7.0	7.0	7.7	7.7	8.0	8.0
BARRARI	KB	5.7	50.0	4.0	6.3	6.3	6.7	6.3	6.7	7.7	7.7
BAR FA 121095	TF	7.0	50.0	5.0	6.7	6.3	6.7	7.0	7.0	7.7	7.7
BABE	KB	5.3	50.0	4.0	6.7	7.0	7.0	5.3	6.3	7.3	7.0
DAUNTLESS	KB	6.3	51.7	4.3	6.7	6.7	6.3	6.0	6.3	7.0	7.0
PST-K13-143	KB	6.3	46.7	4.7	6.3	5.7	5.7	5.0	5.0	6.3	6.7
PST-K15-169	KB	6.3	53.3	4.0	6.7	6.7	7.3	6.3	6.0	7.0	7.3
PST-K13-137	KB	6.7	53.3	3.7	6.7	7.0	6.7	6.7	5.3	7.0	7.7
LSD VALUE		1.0	15.0	1.3	1.1	1.1	1.2	0.9	1.3	1.2	0.9
C.V. (%)		8.7	10.7	16.4	6.9	8.7	9.2	7.8	10.2	7.1	6.2

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

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

TABLE 11A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

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

		QUALITY RATINGS DURING DRY DOWN									
NAME		7/4	7/10	7/17	7/24	7/30	8/5	8/14	8/19	8/27	9/13
SR 4650 (P.RYEGRASS STANDARD ENTRY)		8.7	7.3	7.3	7.3	6.7	7.7	8.0	7.7	8.7	9.0
DLFPS 321/3678	TF	8.0	8.3	8.7	8.0	7.7	7.7	7.3	7.0	7.7	8.0
THOR	TF	8.0	8.0	8.0	8.0	7.7	7.3	7.7	7.7	8.0	8.0
CATALYST	TF	8.0	7.7	8.0	8.0	7.3	8.3	7.7	7.3	7.3	8.3
DLFPS 321/3677	TF	7.7	8.0	8.3	8.0	7.0	8.3	7.7	7.0	8.0	8.0
LTP-SYN-A3	TF	8.0	7.7	8.0	7.7	7.3	7.7	7.3	7.0	7.7	8.0
DLFPS 321/3679	TF	8.0	8.0	8.3	8.3	7.3	7.7	7.7	7.3	7.7	7.7
KINGDOM	TF	8.3	8.3	8.3	8.3	7.7	8.0	7.7	7.3	7.7	7.0
PST-5SDS	TF	7.7	8.3	8.0	7.7	8.0	8.3	7.0	7.3	7.7	7.7
PST-K13-141	KB	8.3	7.3	8.3	8.7	8.0	7.7	7.7	7.7	8.0	7.7
PST-R511	TF	7.7	7.7	7.7	8.0	7.3	7.7	7.3	7.3	8.0	8.0
RS4	TF	8.0	7.3	8.0	7.7	7.0	7.7	7.7	7.0	8.0	8.0
TITANIUM 2LS	TF	8.0	8.0	7.7	8.0	6.7	7.0	7.0	6.7	7.3	7.3
BARROBUSTO	TF	7.5	7.5	8.0	7.5	6.5	7.0	7.0	7.0	7.5	7.5
PST-K11-118	KB	7.7	7.3	7.7	8.0	7.0	7.7	7.7	7.0	8.0	7.7
STETSON II	TF	7.7	7.7	8.0	8.3	7.3	7.7	7.7	7.3	7.7	7.7
MRSI TF15	TF	8.0	8.0	7.7	7.7	7.3	7.7	7.7	7.3	7.3	7.3
NAI-13-14	KB	8.0	8.3	7.7	7.3	6.3	8.3	7.7	8.0	8.3	8.3
THUNDERSTRUCK	TF	7.7	8.3	8.7	8.3	7.3	7.7	7.7	7.3	7.7	7.7
MIDNIGHT	KB	8.0	7.7	7.7	7.0	6.7	7.7	7.3	8.0	6.7	7.7
NONET	TF	8.0	8.0	8.3	8.0	7.7	8.0	7.3	6.7	6.7	7.3
SUPERSONIC	TF	7.3	7.3	7.0	7.0	6.3	6.7	7.0	6.7	7.0	7.3
BLUE DEVIL	KB	8.0	7.0	7.0	7.3	5.7	7.3	6.7	7.3	7.3	7.3
EVEREST	KB	8.0	7.3	7.3	7.7	6.7	7.3	7.3	7.7	8.3	8.0
NAI-13-132	KB	8.0	6.7	7.0	7.0	6.3	8.0	7.3	7.7	8.0	8.0
BAR PP 110358	KB	7.3	7.0	6.7	7.0	6.7	7.0	7.0	7.0	7.7	7.3
BLUE NOTE	KB	7.3	6.7	7.3	7.7	7.3	7.0	6.3	7.0	7.3	7.0
GO-AOMK	TF	8.0	8.0	8.3	7.3	7.0	7.0	6.7	6.0	6.3	6.3
BARRARI	KB	8.0	7.3	7.3	7.0	6.7	7.3	6.3	6.7	7.0	7.0
BAR FA 121095	TF	7.7	7.7	7.7	7.3	7.0	6.3	6.3	6.3	6.7	6.7
BABE	KB	7.7	7.0	7.3	7.7	6.7	7.0	6.7	6.0	6.7	7.0
DAUNTLESS	KB	7.0	6.3	6.7	7.7	6.0	6.3	6.3	6.0	6.3	6.3
PST-K13-143	KB	7.0	6.7	6.7	6.7	6.7	7.3	6.3	6.0	7.0	6.7
PST-K15-169	KB	6.7	6.0	6.3	6.3	6.0	6.3	5.7	6.3	6.7	6.3
PST-K13-137	KB	7.0	6.0	6.0	6.3	5.7	6.7	6.0	6.7	6.0	6.0
LSD VALUE		1.7	1.5	1.5	1.5	2.4	2.8	1.6	2.6	1.9	1.1
C.V. (%)		7.9	10.0	10.0	9.0	12.8	12.1	10.3	12.5	11.0	8.5

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

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

TABLE 11A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN				QUALITY RATINGS DURING RECOVERY PERIOD				10/29	11/25	MEAN
		9/12	9/17	9/25	10/17	10/3	10/9	10/17	10/22			
SR 4650 (P.RYEGRASS STANDARD ENTRY)		8.7	8.7	9.0	9.0	9.0	9.0	9.0	8.7	9.0	5.7	8.4
DLFPS 321/3678	TF	7.7	8.0	8.0	7.7	7.7	8.0	7.7	7.7	7.7	3.3	7.8
THOR	TF	8.0	8.3	8.0	8.0	8.0	8.0	8.0	7.7	7.7	3.7	7.8
CATALYST	TF	8.0	8.3	7.7	8.0	8.7	8.0	8.0	7.0	7.3	3.3	7.7
DLFPS 321/3677	TF	7.7	7.7	8.0	7.7	7.7	7.7	7.7	8.0	7.0	3.7	7.7
LTP-SYN-A3	TF	8.0	8.3	8.0	8.0	8.0	8.0	8.0	8.0	8.0	3.7	7.7
DLFPS 321/3679	TF	8.0	7.3	7.7	7.7	7.7	7.7	7.7	7.0	6.7	3.3	7.6
KINGDOM	TF	8.0	7.3	7.7	7.7	7.7	7.7	7.7	7.0	6.7	3.3	7.6
PST-5SDS	TF	8.0	8.0	7.7	8.0	8.0	7.7	8.0	7.3	7.3	3.7	7.6
PST-K13-141	KB	8.0	8.0	8.3	8.3	8.0	8.0	8.3	8.0	8.0	3.3	7.6
PST-R511	TF	8.3	8.0	8.0	8.0	8.0	8.0	8.0	7.7	7.3	3.7	7.6
RS4	TF	8.3	8.3	8.0	8.0	8.0	8.0	8.0	8.0	7.7	3.3	7.6
TITANIUM 2LS	TF	7.7	8.0	7.7	8.0	8.0	8.0	8.0	7.7	7.7	3.3	7.6
BARROBUSTO	TF	8.0	8.0	8.0	8.0	8.0	7.5	8.0	8.0	7.5	3.0	7.5
PST-K11-118	KB	7.7	7.3	8.0	8.0	7.3	7.3	8.0	8.0	8.0	3.0	7.5
STETSON II	TF	7.7	7.3	6.7	8.0	7.7	7.3	8.0	7.0	7.0	3.3	7.5
MRSI TF15	TF	7.7	7.3	8.0	7.7	7.7	7.7	7.7	7.0	6.7	3.0	7.4
NAI-13-14	KB	8.0	7.7	8.0	6.7	7.7	7.3	6.7	6.3	7.3	3.3	7.4
THUNDERSTRUCK	TF	7.7	7.3	6.7	7.3	7.3	7.3	7.3	7.3	7.3	3.3	7.4
MIDNIGHT	KB	8.0	7.3	7.3	7.0	8.3	7.3	7.0	7.0	6.7	2.7	7.3
NONET	TF	6.7	7.7	7.3	7.3	7.3	7.7	7.3	7.0	7.0	3.3	7.3
SUPERSONIC	TF	8.0	8.3	8.0	7.7	7.7	7.7	7.7	7.3	7.0	3.3	7.3
BLUE DEVIL	KB	8.0	7.3	7.3	7.3	7.7	7.3	7.3	6.0	6.7	2.7	7.2
EVEREST	KB	8.0	7.3	7.0	6.7	7.7	7.3	6.7	6.3	6.0	2.3	7.2
NAI-13-132	KB	8.0	7.3	7.3	7.3	7.3	7.7	7.3	6.3	6.7	2.7	7.2
BAR PP 110358	KB	8.0	7.7	8.0	7.3	8.0	7.0	7.3	7.0	6.3	2.3	7.1
BLUE NOTE	KB	7.7	7.7	8.0	7.0	7.0	6.7	7.0	6.7	6.3	3.0	7.0
GO-AOMK	TF	6.7	6.3	6.3	6.7	7.3	7.0	6.7	6.0	6.3	3.0	7.0
BARRARI	KB	7.3	7.7	7.3	7.3	7.0	7.3	7.3	7.0	6.7	3.0	6.9
BAR FA 121095	TF	7.0	6.7	6.3	6.7	7.0	7.0	6.7	6.0	6.0	3.0	6.8
BABE	KB	7.0	6.3	7.0	7.3	7.0	6.7	7.3	6.3	6.7	2.7	6.7
DAUNTLESS	KB	6.7	6.0	6.0	6.0	6.0	5.7	6.0	5.7	5.7	2.0	6.3
PST-K13-143	KB	6.7	6.7	6.0	6.0	6.3	6.0	6.0	6.0	6.0	2.0	6.2
PST-K15-169	KB	7.0	5.7	6.0	5.7	6.0	6.0	5.7	6.0	6.0	2.3	6.2
PST-K13-137	KB	6.7	5.3	6.0	5.7	5.7	5.7	5.7	6.0	6.0	2.3	6.1
LSD VALUE		1.2	1.0	1.2	1.1	1.3	1.1	1.1	1.0	2.0	0.8	0.7
C.V. (%)		8.0	8.4	9.3	8.7	9.6	8.7	8.7	8.7	13.2	15.8	5.6

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

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

TABLE 11A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN										
		6/6	6/13	6/20	6/28	7/4	7/11	7/18	7/28	8/1	8/7	8/16
SR 4650 (P.RYEGRASS STANDARD ENTRY)		95.0	96.3	95.0	95.0	86.7	88.3	91.7	80.0	85.0	91.7	83.3
DLFPS 321/3678	TF	95.0	94.7	95.0	95.0	95.0	95.0	95.0	93.3	91.7	91.7	81.7
THOR	TF	93.3	95.0	95.0	95.0	95.0	93.3	93.3	91.7	91.7	90.0	81.7
CATALYST	TF	93.3	93.3	95.0	95.0	91.7	93.3	91.7	91.7	90.0	95.0	81.7
DLFPS 321/3677	TF	95.0	95.0	95.0	95.0	93.3	93.3	95.0	93.3	91.7	91.7	80.0
LTP-SYN-A3	TF	88.3	90.0	95.0	95.0	95.0	93.3	91.7	91.7	93.3	91.7	85.0
DLFPS 321/3679	TF	93.3	91.7	95.0	95.0	93.3	93.3	91.7	90.0	90.0	90.0	81.7
KINGDOM	TF	91.7	93.3	95.0	95.0	93.3	95.0	93.3	91.7	90.0	93.3	78.3
PST-5SDS	TF	91.7	90.0	95.0	95.0	93.3	95.0	93.3	95.0	93.3	95.0	81.7
PST-K13-141	KB	80.0	81.7	95.0	95.0	88.3	93.3	93.3	91.7	88.3	86.7	76.7
PST-R511	TF	91.7	91.7	95.0	95.0	93.3	93.3	90.0	88.3	90.0	93.3	83.3
RS4	TF	93.3	91.7	95.0	95.0	93.3	93.3	91.7	91.7	91.7	93.3	85.0
TITANIUM 2LS	TF	93.3	93.0	95.0	95.0	95.0	93.3	91.7	86.7	90.0	90.0	78.3
BARROBUSTO	TF	95.0	92.5	95.0	95.0	95.0	95.0	92.5	87.5	87.5	85.0	77.5
PST-K11-118	KB	90.0	90.0	95.0	95.0	90.0	95.0	91.7	88.3	88.3	91.7	73.3
STETSON II	TF	91.7	93.3	95.0	95.0	93.3	93.3	93.3	93.3	90.0	91.7	85.0
MRSI TF15	TF	90.0	91.7	95.0	95.0	93.3	93.3	90.0	88.3	91.7	88.3	78.3
NAI-13-14	KB	90.0	85.0	91.7	93.3	88.3	91.7	88.3	85.0	91.7	88.3	80.0
THUNDERSTRUCK	TF	95.0	90.0	95.0	95.0	93.3	95.0	95.0	91.7	90.0	91.7	85.0
MIDNIGHT	KB	91.7	88.3	95.0	93.3	90.0	90.0	88.3	80.0	85.0	85.0	73.3
NONET	TF	86.7	91.7	95.0	95.0	93.3	93.3	93.3	91.7	91.7	91.7	81.7
SUPERSONIC	TF	93.3	93.3	95.0	95.0	91.7	90.0	88.3	86.7	88.3	86.7	78.3
BLUE DEVIL	KB	93.3	86.7	95.0	95.0	85.0	90.0	88.3	81.7	85.0	85.0	71.7
EVEREST	KB	88.3	86.7	95.0	95.0	88.3	88.3	88.3	85.0	83.3	86.7	73.3
NAI-13-132	KB	88.3	88.3	95.0	93.3	85.0	88.3	85.0	81.7	81.7	86.7	70.0
BAR PP 110358	KB	88.3	88.3	95.0	93.3	86.7	88.3	86.7	85.0	83.3	85.0	75.0
BLUE NOTE	KB	86.7	86.7	95.0	93.3	88.3	90.0	88.3	86.7	83.3	85.0	83.3
GO-AOMK	TF	93.3	91.7	95.0	95.0	93.3	93.3	93.3	90.0	86.7	86.7	71.7
BARRARI	KB	85.0	83.3	93.3	91.7	91.7	91.7	88.3	88.3	85.0	86.7	78.3
BAR FA 121095	TF	88.3	90.0	95.0	95.0	91.7	91.7	90.0	88.3	86.7	85.0	73.3
BABE	KB	81.7	85.0	93.3	93.3	90.0	91.7	90.0	88.3	85.0	81.7	70.0
DAUNTLESS	KB	81.7	81.7	93.3	93.3	86.7	88.3	90.0	86.7	81.7	80.0	70.0
PST-K13-143	KB	68.3	73.3	90.0	91.7	86.7	88.3	86.7	86.7	85.0	85.0	80.0
PST-K15-169	KB	83.3	81.7	93.3	90.0	83.3	83.3	83.3	78.3	81.7	85.0	75.0
PST-K13-137	KB	83.3	80.0	93.3	93.3	80.0	86.7	85.0	78.3	81.7	83.3	68.3
LSD VALUE		10.6	5.4	2.3	3.3	3.9	5.3	5.3	11.7	8.0	19.6	13.3
C.V. (%)		6.4	3.9	1.3	1.6	2.8	3.2	3.3	6.2	4.7	7.1	7.9

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

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

TABLE 11A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

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

NAME	8/22	PERCENT GREEN COVER DURING DRY DOWN	8/29	9/7	9/13	9/20	9/27	PERCENT GREEN COVER DURING RECOVERY	10/4	10/11	10/18	10/24	10/31	11/25
SR 4650 (P.RYEGRASS STANDARD ENTRY)	95.0	93.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	93.3	83.3	53.3
DLFPS 321/3678 TF	90.0	91.7	95.0	95.0	95.0	93.3	95.0	95.0	88.3	88.3	86.7	86.7	76.7	26.7
THOR TF	91.7	90.0	93.3	95.0	95.0	95.0	95.0	95.0	90.0	90.0	88.3	88.3	75.0	28.3
CATALYST TF	91.7	91.7	93.3	95.0	93.3	95.0	95.0	95.0	90.0	91.7	85.0	85.0	70.0	25.0
DLFPS 321/3677 TF	91.7	91.7	93.3	95.0	93.3	93.3	93.3	95.0	90.0	90.0	86.7	86.7	70.0	30.0
LTP-SYN-A3 TF	90.0	93.3	95.0	95.0	95.0	95.0	95.0	95.0	90.0	90.0	90.0	90.0	78.3	28.3
DLFPS 321/3679 TF	90.0	91.7	91.7	93.3	93.3	93.3	93.3	93.3	88.3	88.3	85.0	85.0	73.3	28.3
KINGDOM TF	91.7	91.7	93.3	95.0	93.3	93.3	93.3	91.7	88.3	85.0	83.3	83.3	70.0	30.0
PST-5SDS TF	95.0	91.7	93.3	95.0	95.0	95.0	95.0	95.0	88.3	90.0	86.7	86.7	76.7	28.3
PST-K13-141 KB	83.3	90.0	93.3	95.0	95.0	95.0	95.0	95.0	90.0	91.7	90.0	90.0	73.3	16.7
PST-R511 TF	91.7	93.3	95.0	95.0	93.3	95.0	95.0	95.0	90.0	90.0	88.3	88.3	73.3	26.7
RS4 TF	91.7	93.3	95.0	95.0	95.0	95.0	95.0	95.0	90.0	90.0	86.7	86.7	81.7	28.3
TITANIUM 2LS TF	90.0	90.0	95.0	95.0	95.0	95.0	95.0	95.0	90.0	90.0	86.7	86.7	73.3	26.7
BARROBUSTO TF	87.5	90.0	92.5	95.0	95.0	95.0	95.0	95.0	90.0	87.5	87.5	87.5	67.5	22.5
PST-K11-118 KB	83.3	88.3	90.0	95.0	93.3	95.0	95.0	90.0	83.3	90.0	90.0	90.0	76.7	18.3
STETSON II TF	90.0	90.0	91.7	95.0	93.3	91.7	91.7	93.3	90.0	88.3	85.0	85.0	65.0	25.0
MRS� TF15 TF	86.7	90.0	93.3	95.0	91.7	93.3	93.3	93.3	88.3	88.3	83.3	83.3	70.0	25.0
NAI-13-14 KB	86.7	91.7	91.7	95.0	93.3	93.3	93.3	88.3	85.0	81.7	81.7	81.7	73.3	18.3
THUNDERSTRUCK TF	90.0	91.7	91.7	95.0	93.3	93.3	93.3	90.0	88.3	88.3	85.0	85.0	68.3	26.7
MIDNIGHT KB	83.3	88.3	90.0	93.3	90.0	93.3	93.3	88.3	81.7	76.7	80.0	80.0	70.0	8.3
NONET TF	86.7	86.7	90.0	95.0	91.7	93.3	93.3	93.3	86.7	85.0	85.0	85.0	73.3	23.3
SUPERSONIC TF	88.3	91.7	93.3	95.0	93.3	93.3	93.3	93.3	88.3	88.3	86.7	86.7	75.0	25.0
BLUE DEVIL KB	83.3	88.3	91.7	95.0	91.7	91.7	91.7	90.0	86.7	76.7	76.7	76.7	73.3	10.0
EVEREST KB	83.3	90.0	93.3	95.0	93.3	91.7	93.3	93.3	86.7	80.0	70.0	70.0	60.0	11.7
NAI-13-132 KB	86.7	91.7	93.3	95.0	95.0	90.0	90.0	88.3	83.3	78.3	73.3	73.3	71.7	13.3
BAR PP 110358 KB	85.0	88.3	91.7	95.0	93.3	93.3	93.3	91.7	86.7	83.3	68.3	68.3	68.3	8.3
BLUE NOTE KB	88.3	90.0	90.0	95.0	90.0	90.0	90.0	91.7	85.0	81.7	80.0	80.0	66.7	15.0
GO-AOMK TF	81.7	83.3	86.7	91.7	90.0	88.3	88.3	88.3	86.7	81.7	76.7	76.7	68.3	21.7
BARRARI KB	83.3	86.7	90.0	95.0	91.7	91.7	91.7	90.0	83.3	85.0	76.7	76.7	71.7	21.7
BAR FA 121095 TF	83.3	88.3	85.0	90.0	91.7	90.0	90.0	88.3	85.0	83.3	78.3	78.3	71.7	21.7
BABE KB	80.0	83.3	90.0	93.3	90.0	85.0	85.0	90.0	83.3	83.3	83.3	83.3	70.0	13.3
DAUNTLESS KB	76.7	81.7	86.7	90.0	90.0	86.7	86.7	85.0	81.7	76.7	78.3	78.3	66.7	11.7
PST-K13-143 KB	85.0	88.3	90.0	91.7	91.7	90.0	90.0	90.0	85.0	85.0	83.3	83.3	78.3	15.0
PST-K15-169 KB	80.0	85.0	86.7	93.3	85.0	83.3	83.3	81.7	73.3	71.7	70.0	70.0	65.0	11.7
PST-K13-137 KB	78.3	81.7	81.7	90.0	88.3	80.0	80.0	80.0	75.0	71.7	71.7	71.7	60.0	11.7
LSD VALUE	11.5	7.8	6.3	3.2	10.7	5.9	5.9	9.0	6.3	9.8	9.0	9.0	14.4	9.8
C.V. (%)	6.4	4.2	3.7	1.8	3.8	3.7	3.7	4.9	4.3	6.5	6.5	6.5	9.1	28.5

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

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

TABLE 11B.

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	4/30	PREDROUGHT QUALITY RATINGS				QUALITY RATINGS DURING DRY DOWN		
				5/10	5/24	5/30	6/5	6/14	6/19	6/26
SR 4650 (P.RYEGRASS STANDARD ENTRY)		8.7	63.3	6.0	8.0	9.0	9.0	9.0	9.0	9.0
PST-K13-141	KB	5.7	48.3	4.3	6.3	7.0	7.0	5.7	6.7	8.0
PST-K11-118	KB	6.0	56.7	4.3	7.0	7.7	7.7	6.7	7.7	8.0
NAI-13-14	KB	6.0	45.0	2.7	6.0	7.0	8.3	7.3	7.3	8.0
MIDNIGHT	KB	6.3	46.7	2.3	6.3	8.0	8.3	8.3	8.3	8.0
BLUE DEVIL	KB	6.3	46.7	3.0	6.7	8.0	7.7	8.0	7.3	8.3
EVEREST	KB	6.3	50.0	3.0	6.7	7.3	8.0	7.3	7.3	8.0
NAI-13-132	KB	5.7	50.0	2.3	6.7	7.7	8.0	7.3	7.3	8.0
BAR PP 110358	KB	5.7	55.0	4.3	7.0	7.0	7.7	7.3	7.0	8.0
BLUE NOTE	KB	5.7	51.7	5.0	7.0	7.3	7.3	6.7	6.7	8.0
BARRARI	KB	5.7	50.0	4.0	6.3	6.3	6.7	6.3	6.7	7.7
BABE	KB	5.3	50.0	4.0	6.7	7.0	7.0	5.3	6.3	7.3
DAUNTLESS	KB	6.3	51.7	4.3	6.7	6.7	6.3	6.0	6.3	7.0
PST-K13-143	KB	6.3	46.7	4.7	6.3	5.7	5.7	5.0	5.0	6.3
PST-K15-169	KB	6.3	53.3	4.0	6.7	6.7	7.3	6.3	6.0	7.0
PST-K13-137	KB	6.7	53.3	3.7	6.7	7.0	6.7	6.7	5.3	7.0
LSD VALUE		1.3	15.5	1.1	1.1	1.0	1.0	0.9	1.6	1.2
C.V. (%)		11.3	12.5	17.6	7.6	8.0	8.3	8.8	13.1	8.2

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

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

TABLE 11B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN									
		7/4	7/10	7/17	7/24	7/30	8/5	8/14	8/19	8/27	9/13
SR 4650 (P.RYEGRASS STANDARD ENTRY)		8.7	7.3	7.3	7.3	6.7	7.7	8.0	7.7	8.7	9.0
PST-K13-141	KB	8.3	7.3	8.3	8.7	8.0	7.7	7.7	7.7	8.0	7.7
PST-K11-118	KB	7.7	7.3	7.7	8.0	7.0	7.7	7.7	7.0	8.0	7.7
NAI-13-14	KB	8.0	8.3	7.7	7.3	6.3	8.3	7.7	8.0	8.3	8.3
MIDNIGHT	KB	8.0	7.7	7.7	7.0	6.7	7.7	7.3	8.0	6.7	7.7
BLUE DEVIL	KB	8.0	7.0	7.0	7.3	5.7	7.3	6.7	7.3	7.3	7.3
EVEREST	KB	8.0	7.3	7.3	7.7	6.7	7.3	7.3	7.7	8.3	8.0
NAI-13-132	KB	8.0	6.7	7.0	7.0	6.3	8.0	7.3	7.7	8.0	8.0
BAR PP 110358	KB	7.3	7.0	6.7	7.0	6.7	7.0	7.0	7.0	7.7	7.3
BLUE NOTE	KB	7.3	6.7	7.3	7.7	7.3	7.0	6.3	7.0	7.3	7.0
BARRARI	KB	8.0	7.3	7.3	7.0	6.7	7.3	6.3	6.7	7.0	7.0
BABE	KB	7.7	7.0	7.3	7.7	6.7	7.0	6.7	6.0	6.7	7.0
DAUNTLESS	KB	7.0	6.3	6.7	7.7	6.0	6.3	6.3	6.0	6.3	6.3
PST-K13-143	KB	7.0	6.7	6.7	6.7	6.7	7.3	6.3	6.0	7.0	6.7
PST-K15-169	KB	6.7	6.0	6.3	6.3	6.0	6.3	5.7	6.3	6.7	6.3
PST-K13-137	KB	7.0	6.0	6.0	6.3	5.7	6.7	6.0	6.7	6.0	6.0
LSD VALUE		1.9	2.0	1.7	1.4	2.4	2.8	1.6	2.1	2.4	1.3
C.V. (%)		10.2	11.9	10.3	9.5	14.0	13.3	11.4	13.2	14.1	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 11B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN				QUALITY RATINGS DURING RECOVERY PERIOD				10/29	11/25	MEAN
		9/12	9/17	9/25	10/17	10/3	10/9	10/17	10/22			
SR 4650 (P.RYEGRASS STANDARD ENTRY)		8.7	8.7	9.0	9.0	9.0	9.0	9.0	8.7	9.0	5.7	8.4
PST-K13-141	KB	8.0	8.0	8.3	8.3	8.0	8.0	8.3	8.0	8.0	3.3	7.6
PST-K11-118	KB	7.7	7.3	8.0	8.0	7.3	7.3	8.0	8.0	8.0	3.0	7.5
NAI-13-14	KB	8.0	7.7	8.0	6.7	7.7	7.3	6.7	6.3	7.3	3.3	7.4
MIDNIGHT	KB	8.0	7.3	7.3	7.0	8.3	7.3	7.0	7.0	6.7	2.7	7.3
BLUE DEVIL	KB	8.0	7.3	7.3	7.3	7.7	7.3	7.3	6.0	6.7	2.7	7.2
EVEREST	KB	8.0	7.3	7.0	6.7	7.7	7.3	6.7	6.3	6.0	2.3	7.2
NAI-13-132	KB	8.0	7.3	7.3	7.3	7.3	7.7	7.3	6.3	6.7	2.7	7.2
BAR PP 110358	KB	8.0	7.7	8.0	7.3	8.0	7.0	7.3	7.0	6.3	2.3	7.1
BLUE NOTE	KB	7.7	7.7	8.0	7.0	7.0	6.7	7.0	6.7	6.3	3.0	7.0
BARRARI	KB	7.3	7.7	7.3	7.3	7.0	7.3	7.3	7.0	6.7	3.0	6.9
BABE	KB	7.0	6.3	7.0	7.3	7.0	6.7	7.3	6.3	6.7	2.7	6.7
DAUNTLESS	KB	6.7	6.0	6.0	6.0	6.0	5.7	6.0	5.7	5.7	2.0	6.3
PST-K13-143	KB	6.7	6.7	6.0	6.0	6.3	6.0	6.0	6.0	6.0	2.0	6.2
PST-K15-169	KB	7.0	5.7	6.0	5.7	6.0	6.0	5.7	6.0	6.0	2.3	6.2
PST-K13-137	KB	6.7	5.3	6.0	5.7	5.7	5.7	5.7	6.0	6.0	2.3	6.1
LSD VALUE		1.7	1.3	1.5	1.5	1.7	1.5	1.5	1.3	2.5	0.8	0.9
C.V. (%)		10.2	10.7	11.6	12.0	12.5	12.0	12.0	10.8	16.6	17.4	7.2

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

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

TABLE 11B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/												
		PERCENT GREEN COVER DURING DRY DOWN										
NAME		6/6	6/13	6/20	6/28	7/4	7/11	7/18	7/28	8/1	8/7	8/16
SR 4650 (P.RYEGRASS STANDARD ENTRY)		95.0	96.3	95.0	95.0	86.7	88.3	91.7	80.0	85.0	91.7	83.3
PST-K13-141	KB	80.0	81.7	95.0	95.0	88.3	93.3	93.3	91.7	88.3	86.7	76.7
PST-K11-118	KB	90.0	90.0	95.0	95.0	90.0	95.0	91.7	88.3	88.3	91.7	73.3
NAI-13-14	KB	90.0	85.0	91.7	93.3	88.3	91.7	88.3	85.0	91.7	88.3	80.0
MIDNIGHT	KB	91.7	88.3	95.0	93.3	90.0	90.0	88.3	80.0	85.0	85.0	73.3
BLUE DEVIL	KB	93.3	86.7	95.0	95.0	85.0	90.0	88.3	81.7	85.0	85.0	71.7
EVEREST	KB	88.3	86.7	95.0	95.0	88.3	88.3	88.3	85.0	83.3	86.7	73.3
NAI-13-132	KB	88.3	88.3	95.0	93.3	85.0	88.3	85.0	81.7	81.7	86.7	70.0
BAR PP 110358	KB	88.3	88.3	95.0	93.3	86.7	88.3	86.7	85.0	83.3	85.0	75.0
BLUE NOTE	KB	86.7	86.7	95.0	93.3	88.3	90.0	88.3	86.7	83.3	85.0	83.3
BARRARI	KB	85.0	83.3	93.3	91.7	91.7	91.7	88.3	88.3	85.0	86.7	78.3
BABE	KB	81.7	85.0	93.3	93.3	90.0	91.7	90.0	88.3	85.0	81.7	70.0
DAUNTLESS	KB	81.7	81.7	93.3	93.3	86.7	88.3	90.0	86.7	81.7	80.0	70.0
PST-K13-143	KB	68.3	73.3	90.0	91.7	86.7	88.3	86.7	86.7	85.0	85.0	80.0
PST-K15-169	KB	83.3	81.7	93.3	90.0	83.3	83.3	83.3	78.3	81.7	85.0	75.0
PST-K13-137	KB	83.3	80.0	93.3	93.3	80.0	86.7	85.0	78.3	81.7	83.3	68.3
LSD VALUE		13.3	6.5	3.7	5.7	5.6	8.0	6.6	12.7	14.5	21.0	12.9
C.V. (%)		7.9	4.5	1.9	2.4	3.4	3.9	3.5	6.4	5.9	7.6	7.8

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

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

TABLE 11B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN					PERCENT GREEN COVER DURING RECOVERY					10/31	11/25
		8/22	8/29	9/7	9/13	9/20	9/27	10/4	10/11	10/18	10/24		
SR 4650 (P.RYEGRASS STANDARD ENTRY)		95.0	93.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0	93.3	83.3	53.3
PST-K13-141	KB	83.3	90.0	93.3	95.0	95.0	95.0	95.0	90.0	91.7	90.0	73.3	16.7
PST-K11-118	KB	83.3	88.3	90.0	95.0	93.3	95.0	90.0	83.3	90.0	90.0	76.7	18.3
NAI-13-14	KB	86.7	91.7	91.7	95.0	93.3	93.3	88.3	85.0	81.7	81.7	73.3	18.3
MIDNIGHT	KB	83.3	88.3	90.0	93.3	90.0	93.3	88.3	81.7	76.7	80.0	70.0	8.3
BLUE DEVIL	KB	83.3	88.3	91.7	95.0	91.7	91.7	90.0	86.7	76.7	76.7	73.3	10.0
EVEREST	KB	83.3	90.0	93.3	95.0	93.3	91.7	93.3	86.7	80.0	70.0	60.0	11.7
NAI-13-132	KB	86.7	91.7	93.3	95.0	95.0	90.0	88.3	83.3	78.3	73.3	71.7	13.3
BAR PP 110358	KB	85.0	88.3	91.7	95.0	93.3	93.3	91.7	86.7	83.3	68.3	68.3	8.3
BLUE NOTE	KB	88.3	90.0	90.0	95.0	90.0	90.0	91.7	85.0	81.7	80.0	66.7	15.0
BARRARI	KB	83.3	86.7	90.0	95.0	91.7	91.7	90.0	83.3	85.0	76.7	71.7	21.7
BABE	KB	80.0	83.3	90.0	93.3	90.0	85.0	90.0	83.3	83.3	83.3	70.0	13.3
DAUNTLESS	KB	76.7	81.7	86.7	90.0	90.0	86.7	85.0	81.7	76.7	78.3	66.7	11.7
PST-K13-143	KB	85.0	88.3	90.0	91.7	91.7	90.0	90.0	85.0	85.0	83.3	78.3	15.0
PST-K15-169	KB	80.0	85.0	86.7	93.3	85.0	83.3	81.7	73.3	71.7	70.0	65.0	11.7
PST-K13-137	KB	78.3	81.7	81.7	90.0	88.3	80.0	80.0	75.0	71.7	71.7	60.0	11.7
LSD VALUE		12.4	8.4	9.0	4.5	12.1	8.6	15.7	8.9	15.4	13.1	16.5	8.2
C.V. (%)		6.6	4.6	4.5	2.3	4.9	5.0	6.9	5.8	9.2	9.0	10.7	32.5

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 11C.

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

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

NAME		GENETIC COLOR	SPRING GREENUP	4/30	PREDROUGHT 5/10	QUALITY RATINGS 5/24	5/30	QUALITY RATINGS 6/5	DURING 6/14	DOWN 6/19	6/26
SR 4650 (P.RYEGRASS STANDARD ENTRY)		8.7	63.3	6.0	8.0	9.0	9.0	9.0	9.0	9.0	9.0
DLFPS 321/3678	TF	7.0	56.7	6.0	7.0	8.0	8.0	8.0	8.3	8.0	8.0
THOR	TF	7.3	53.3	6.3	6.7	7.3	7.3	7.7	8.0	8.3	8.0
CATALYST	TF	7.0	45.0	6.7	6.7	7.0	7.7	7.0	7.7	8.0	8.0
DLFPS 321/3677	TF	7.3	53.3	6.3	6.7	7.3	7.7	8.0	8.0	8.0	8.0
LTP-SYN-A3	TF	7.7	53.3	6.3	6.7	7.0	7.0	7.0	8.0	8.0	8.0
DLFPS 321/3679	TF	6.7	51.7	6.0	7.0	7.3	7.3	7.3	7.7	8.0	8.0
KINGDOM	TF	7.0	50.0	5.7	6.7	7.0	7.0	7.7	8.0	8.0	8.0
PST-5SDS	TF	6.7	50.0	6.0	6.3	7.0	7.0	7.7	7.7	7.7	8.0
PST-R511	TF	6.7	48.3	6.0	6.3	6.7	7.0	7.3	7.3	7.7	8.0
RS4	TF	7.3	51.7	5.7	6.7	5.7	7.0	7.3	7.7	7.7	8.0
TITANIUM 2LS	TF	7.3	55.0	6.3	7.0	7.7	8.0	7.7	8.3	7.7	8.0
BARROBUSTO	TF	7.0	52.5	6.0	7.0	8.0	7.0	7.0	7.5	8.0	8.0
STETSON II	TF	7.0	55.0	6.0	7.0	7.3	7.0	7.7	8.0	7.7	8.0
MRSI TF15	TF	7.7	51.7	6.0	6.3	6.7	6.7	7.0	7.3	8.0	8.0
THUNDERSTRUCK	TF	7.7	48.3	5.3	6.3	6.7	6.3	7.7	7.7	7.7	8.3
NONET	TF	7.3	50.0	5.0	6.7	6.7	6.7	6.7	7.3	8.0	8.0
SUPERSONIC	TF	7.3	56.7	7.0	7.0	7.3	7.3	7.3	7.7	8.0	7.7
GO-AOMK	TF	7.3	51.7	5.3	6.7	7.0	7.0	7.7	7.7	8.0	8.0
BAR FA 121095	TF	7.0	50.0	5.0	6.7	6.3	6.7	7.0	7.0	7.7	7.7
LSD VALUE		1.0	8.3	1.2	0.9	1.0	1.4	1.0	1.3	1.0	0.7
C.V. (%)		6.9	8.0	9.6	6.2	8.1	9.5	7.0	7.2	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 11C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN									
		7/4	7/10	7/17	7/24	7/30	8/5	8/14	8/19	8/27	9/13
SR 4650 (P.RYEGRASS STANDARD ENTRY)		8.7	7.3	7.3	7.3	6.7	7.7	8.0	7.7	8.7	9.0
DLFPS 321/3678	TF	8.0	8.3	8.7	8.0	7.7	7.7	7.3	7.0	7.7	8.0
THOR	TF	8.0	8.0	8.0	8.0	7.7	7.3	7.7	7.7	8.0	8.0
CATALYST	TF	8.0	7.7	8.0	8.0	7.3	8.3	7.7	7.3	7.3	8.3
DLFPS 321/3677	TF	7.7	8.0	8.3	8.0	7.0	8.3	7.7	7.0	8.0	8.0
LTP-SYN-A3	TF	8.0	7.7	8.0	7.7	7.3	7.7	7.3	7.0	7.7	8.0
DLFPS 321/3679	TF	8.0	8.0	8.3	8.3	7.3	7.7	7.7	7.3	7.7	7.7
KINGDOM	TF	8.3	8.3	8.3	8.3	7.7	8.0	7.7	7.3	7.7	7.0
PST-5SDS	TF	7.7	8.3	8.0	7.7	8.0	8.3	7.0	7.3	7.7	7.7
PST-R511	TF	7.7	7.7	7.7	8.0	7.3	7.7	7.3	7.3	8.0	8.0
RS4	TF	8.0	7.3	8.0	7.7	7.0	7.7	7.7	7.0	8.0	8.0
TITANIUM 2LS	TF	8.0	8.0	7.7	8.0	6.7	7.0	7.0	6.7	7.3	7.3
BARROBUSTO	TF	7.5	7.5	8.0	7.5	6.5	7.0	7.0	7.0	7.5	7.5
STETSON II	TF	7.7	7.7	8.0	8.3	7.3	7.7	7.7	7.3	7.7	7.7
MRSL TF15	TF	8.0	8.0	7.7	7.7	7.3	7.7	7.7	7.3	7.3	7.3
THUNDERSTRUCK	TF	7.7	8.3	8.7	8.3	7.3	7.7	7.7	7.3	7.7	7.7
NONET	TF	8.0	8.0	8.3	8.0	7.7	8.0	7.3	6.7	6.7	7.3
SUPERSONIC	TF	7.3	7.3	7.0	7.0	6.3	6.7	7.0	6.7	7.0	7.3
GO-AOMK	TF	8.0	8.0	8.3	7.3	7.0	7.0	6.7	6.0	6.3	6.3
BAR FA 121095	TF	7.7	7.7	7.7	7.3	7.0	6.3	6.3	6.3	6.7	6.7
LSD VALUE		1.1	2.1	1.9	1.7	2.6	1.7	1.3	1.9	1.2	0.9
C.V. (%)		5.4	8.2	8.4	7.8	11.4	9.5	7.6	9.8	8.0	6.9

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

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

TABLE 11C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN				QUALITY RATINGS DURING RECOVERY PERIOD				10/29	11/25	MEAN
		9/12	9/17	9/25	10/17	10/3	10/9	10/17	10/22			
SR 4650 (P.RYEGRASS STANDARD ENTRY)		8.7	8.7	9.0	9.0	9.0	9.0	9.0	8.7	9.0	5.7	8.4
DLFPS 321/3678	TF	7.7	8.0	8.0	7.7	7.7	8.0	7.7	7.7	7.7	3.3	7.8
THOR	TF	8.0	8.3	8.0	8.0	8.0	8.0	8.0	7.7	7.7	3.7	7.8
CATALYST	TF	8.0	8.3	7.7	8.0	8.7	8.0	8.0	7.0	7.3	3.3	7.7
DLFPS 321/3677	TF	7.7	7.7	8.0	7.7	7.7	7.7	7.7	8.0	7.0	3.7	7.7
LTP-SYN-A3	TF	8.0	8.3	8.0	8.0	8.0	8.0	8.0	8.0	8.0	3.7	7.7
DLFPS 321/3679	TF	8.0	7.3	7.7	7.7	7.7	7.7	7.7	7.0	6.7	3.3	7.6
KINGDOM	TF	8.0	7.3	7.7	7.7	7.7	7.7	7.7	7.0	6.7	3.3	7.6
PST-5SDS	TF	8.0	8.0	7.7	8.0	8.0	7.7	8.0	7.3	7.3	3.7	7.6
PST-R511	TF	8.3	8.0	8.0	8.0	8.0	8.0	8.0	7.7	7.3	3.7	7.6
RS4	TF	8.3	8.3	8.0	8.0	8.0	8.0	8.0	8.0	7.7	3.3	7.6
TITANIUM 2LS	TF	7.7	8.0	7.7	8.0	8.0	8.0	8.0	7.7	7.7	3.3	7.6
BARROBUSTO	TF	8.0	8.0	8.0	8.0	8.0	7.5	8.0	8.0	7.5	3.0	7.5
STETSON II	TF	7.7	7.3	6.7	8.0	7.7	7.3	8.0	7.0	7.0	3.3	7.5
MRSI TF15	TF	7.7	7.3	8.0	7.7	7.7	7.7	7.7	7.0	6.7	3.0	7.4
THUNDERSTRUCK	TF	7.7	7.3	6.7	7.3	7.3	7.3	7.3	7.3	7.3	3.3	7.4
NONET	TF	6.7	7.7	7.3	7.3	7.3	7.7	7.3	7.0	7.0	3.3	7.3
SUPERSONIC	TF	8.0	8.3	8.0	7.7	7.7	7.7	7.7	7.3	7.0	3.3	7.3
GO-AOMK	TF	6.7	6.3	6.3	6.7	7.3	7.0	6.7	6.0	6.3	3.0	7.0
BAR FA 121095	TF	7.0	6.7	6.3	6.7	7.0	7.0	6.7	6.0	6.0	3.0	6.8
LSD VALUE		0.8	0.8	0.8	0.7	0.8	0.7	0.7	0.7	1.2	0.8	0.5
C.V. (%)		5.7	6.1	6.5	5.1	5.5	5.2	5.1	5.9	8.9	13.5	3.6

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

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

TABLE 11C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/												
PERCENT GREEN COVER DURING DRY DOWN												
NAME		6/6	6/13	6/20	6/28	7/4	7/11	7/18	7/28	8/1	8/7	8/16
SR 4650 (P.RYEGRASS STANDARD ENTRY)		95.0	96.3	95	95	86.7	88.3	91.7	80.0	85.0	91.7	83.3
DLFPS 321/3678	TF	95.0	94.7	95	95	95.0	95.0	95.0	93.3	91.7	91.7	81.7
THOR	TF	93.3	95.0	95	95	95.0	93.3	93.3	91.7	91.7	90.0	81.7
CATALYST	TF	93.3	93.3	95	95	91.7	93.3	91.7	91.7	90.0	95.0	81.7
DLFPS 321/3677	TF	95.0	95.0	95	95	93.3	93.3	95.0	93.3	91.7	91.7	80.0
LTP-SYN-A3	TF	88.3	90.0	95	95	95.0	93.3	91.7	91.7	93.3	91.7	85.0
DLFPS 321/3679	TF	93.3	91.7	95	95	93.3	93.3	91.7	90.0	90.0	90.0	81.7
KINGDOM	TF	91.7	93.3	95	95	93.3	95.0	93.3	91.7	90.0	93.3	78.3
PST-5SDS	TF	91.7	90.0	95	95	93.3	95.0	93.3	95.0	93.3	95.0	81.7
PST-R511	TF	91.7	91.7	95	95	93.3	93.3	90.0	88.3	90.0	93.3	83.3
RS4	TF	93.3	91.7	95	95	93.3	93.3	91.7	91.7	91.7	93.3	85.0
TITANIUM 2LS	TF	93.3	93.0	95	95	95.0	93.3	91.7	86.7	90.0	90.0	78.3
BARROBUSTO	TF	95.0	92.5	95	95	95.0	95.0	92.5	87.5	87.5	85.0	77.5
STETSON II	TF	91.7	93.3	95	95	93.3	93.3	93.3	93.3	90.0	91.7	85.0
MRSI TF15	TF	90.0	91.7	95	95	93.3	93.3	90.0	88.3	91.7	88.3	78.3
THUNDERSTRUCK	TF	95.0	90.0	95	95	93.3	95.0	95.0	91.7	90.0	91.7	85.0
NONET	TF	86.7	91.7	95	95	93.3	93.3	93.3	91.7	91.7	91.7	81.7
SUPERSONIC	TF	93.3	93.3	95	95	91.7	90.0	88.3	86.7	88.3	86.7	78.3
GO-AOMK	TF	93.3	91.7	95	95	93.3	93.3	93.3	90.0	86.7	86.7	71.7
BAR FA 121095	TF	88.3	90.0	95	95	91.7	91.7	90.0	88.3	86.7	85.0	73.3
LSD VALUE		13.4	7.8	0	0	5.1	5.3	7.5	9.5	5.0	9.2	15.3
C.V. (%)		4.7	3.1	0	0	2.5	2.4	3.0	4.7	2.8	4.3	7.1

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

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

TABLE 11C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2018 DATA

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

		PERCENT GREEN COVER DURING DRY DOWN					PERCENT GREEN COVER DURING RECOVERY						
NAME	8/22	8/29	9/7	9/13	9/20	9/27	10/4	10/11	10/18	10/24	10/31	11/25	
SR 4650 (P.RYEGRASS STANDARD ENTRY)	95.0	93.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0	93.3	83.3	53.3	
DLFPS 321/3678 TF	90.0	91.7	95.0	95.0	93.3	95.0	95.0	88.3	88.3	86.7	76.7	26.7	
THOR TF	91.7	90.0	93.3	95.0	95.0	95.0	95.0	90.0	90.0	88.3	75.0	28.3	
CATALYST TF	91.7	91.7	93.3	95.0	93.3	95.0	95.0	90.0	91.7	85.0	70.0	25.0	
DLFPS 321/3677 TF	91.7	91.7	93.3	95.0	93.3	93.3	95.0	90.0	90.0	86.7	70.0	30.0	
LTP-SYN-A3 TF	90.0	93.3	95.0	95.0	95.0	95.0	95.0	90.0	90.0	90.0	78.3	28.3	
DLFPS 321/3679 TF	90.0	91.7	91.7	93.3	93.3	93.3	93.3	88.3	88.3	85.0	73.3	28.3	
KINGDOM TF	91.7	91.7	93.3	95.0	93.3	93.3	91.7	88.3	85.0	83.3	70.0	30.0	
PST-5SDS TF	95.0	91.7	93.3	95.0	95.0	95.0	95.0	88.3	90.0	86.7	76.7	28.3	
PST-R511 TF	91.7	93.3	95.0	95.0	93.3	95.0	95.0	90.0	90.0	88.3	73.3	26.7	
RS4 TF	91.7	93.3	95.0	95.0	95.0	95.0	95.0	90.0	90.0	86.7	81.7	28.3	
TITANIUM 2LS TF	90.0	90.0	95.0	95.0	95.0	95.0	95.0	90.0	90.0	86.7	73.3	26.7	
BARROBUSTO TF	87.5	90.0	92.5	95.0	95.0	95.0	95.0	90.0	87.5	87.5	67.5	22.5	
STETSON II TF	90.0	90.0	91.7	95.0	93.3	91.7	93.3	90.0	88.3	85.0	65.0	25.0	
MRS1 TF15 TF	86.7	90.0	93.3	95.0	91.7	93.3	93.3	88.3	88.3	83.3	70.0	25.0	
THUNDERSTRUCK TF	90.0	91.7	91.7	95.0	93.3	93.3	90.0	88.3	88.3	85.0	68.3	26.7	
NONET TF	86.7	86.7	90.0	95.0	91.7	93.3	93.3	86.7	85.0	85.0	73.3	23.3	
SUPERSONIC TF	88.3	91.7	93.3	95.0	93.3	93.3	93.3	88.3	88.3	86.7	75.0	25.0	
GO-AOMK TF	81.7	83.3	86.7	91.7	90.0	88.3	88.3	86.7	81.7	76.7	68.3	21.7	
BAR FA 121095 TF	83.3	88.3	85.0	90.0	91.7	90.0	88.3	85.0	83.3	78.3	71.7	21.7	
LSD VALUE	8.1	6.5	4.6	1.5	6.8	3.7	4.1	3.6	4.0	4.5	9.5	6.8	
C.V. (%)	4.3	3.3	2.8	1.0	2.5	2.0	2.3	2.2	2.7	3.1	6.7	15.2	

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

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

TABLE 12A.

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 0% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2018 DATA

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

		PERCENT GREEN COVER DURING DRY DOWN									
NAME		6/4	6/11	6/18	6/25	7/2	7/9	7/16	7/23	7/30	8/6
DLFPS 321/3678	TF	66.7	78.7	83.7	74.3	83.3	79.3	82.0	77.0	72.0	64.7
NONET	TF	71.3	75.0	79.0	70.3	81.7	77.3	79.0	70.3	65.0	55.7
DLFPS 321/3679	TF	73.0	78.7	82.3	77.0	82.3	79.3	80.7	74.3	69.7	60.7
PST-5SDS	TF	72.0	76.3	81.7	79.0	85.0	82.7	84.0	79.3	74.3	67.3
RS4	TF	67.7	80.3	85.7	79.3	86.0	81.3	84.7	79.3	69.7	62.7
STETSON II	TF	69.7	80.0	84.0	78.3	84.3	81.0	81.3	70.3	64.7	55.0
BAR FA 121095	TF	69.3	78.7	83.0	77.3	83.0	76.3	80.0	69.7	62.7	51.0
DLFPS 321/3677	TF	73.3	80.3	83.0	77.3	80.7	75.0	78.3	70.3	62.3	54.7
GO-AOMK	TF	73.0	73.0	77.0	66.7	76.7	71.3	74.0	66.3	61.0	53.7
LTP-SYN-A3	TF	70.3	82.7	84.7	78.3	83.3	79.3	79.7	71.7	67.3	56.7
MRSI TF15	TF	66.0	80.0	85.7	80.3	84.7	82.3	83.0	75.0	69.0	57.3
SUPERSONIC	TF	77.7	77.0	83.0	77.7	80.3	77.3	78.0	70.0	64.0	55.7
THOR	TF	72.3	70.3	79.7	71.3	78.7	72.0	75.7	68.7	62.7	58.7
THUNDERSTRUCK	TF	72.3	73.7	77.7	73.7	81.7	76.3	78.3	69.0	61.3	47.7
TITANIUM 2LS	TF	70.3	78.7	84.0	76.7	84.0	80.7	81.0	72.3	67.3	55.7
KINGDOM	TF	67.7	74.7	80.7	74.0	82.0	75.3	77.0	67.0	62.3	51.7
PST-R511	TF	75.0	79.7	84.3	77.0	84.0	81.0	81.0	74.7	70.3	63.0
BARROBUSTO	TF	70.3	80.0	83.7	76.3	83.3	80.3	79.7	73.3	69.0	60.0
CATALYST	TF	75.3	72.7	79.7	74.0	81.3	76.0	79.0	68.0	65.3	54.7
BAR PP 110358	KB	85.0	90.3	88.0	83.3	86.0	84.3	84.0	66.3	53.0	33.0
BLUE NOTE	KB	89.3	91.3	89.3	84.3	88.3	81.7	82.0	63.0	54.3	33.0
PST-K13-137	KB	88.0	87.7	89.3	80.0	85.3	77.0	77.0	61.0	52.3	25.7
BLUE DEVIL	KB	88.3	86.7	87.3	83.0	85.0	75.3	77.3	56.7	47.0	29.0
NAI-13-132	KB	82.7	89.0	89.3	85.7	87.0	79.3	80.0	57.7	48.3	24.3
PST-K13-141	KB	76.3	79.0	77.3	66.3	73.7	74.3	76.7	54.3	49.7	26.7
PST-K11-118	KB	77.3	83.0	83.3	75.3	84.3	81.0	83.7	65.3	53.7	34.7
PST-K13-143	KB	82.7	81.0	79.7	71.3	78.0	72.7	74.3	53.0	42.7	24.7
DAUNTLESS	KB	81.7	82.7	81.7	68.7	75.7	70.7	71.3	47.0	42.3	19.0
NAI-13-14	KB	77.3	88.7	88.0	80.0	84.0	76.0	80.3	57.7	46.7	27.7
MIDNIGHT	KB	83.3	83.3	87.7	82.3	85.3	79.7	78.7	59.0	53.3	36.7
EVEREST	KB	83.0	90.7	89.7	83.7	86.0	82.3	81.7	60.3	55.3	31.0
BABE	KB	82.7	81.0	79.3	66.0	74.3	70.7	72.0	47.7	43.3	24.3
PST-K15-169	KB	79.3	75.3	78.0	67.0	69.7	62.7	65.3	37.7	33.3	17.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		64.3	65.3	69.7	43.3	40.7	30.3	35.7	25.3	29.0	18.7
BARRARI	KB	80.7	85.0	80.7	71.0	68.7	62.7	60.0	46.7	36.3	28.3
LSD VALUE		11.6	7.0	5.4	7.0	7.4	7.9	7.1	8.9	9.6	12.1
C.V. (%)		8.7	5.5	4.0	6.1	6.0	6.8	6.1	9.3	11.1	18.5

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 12A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 0% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2018 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN	QUALITY RATINGS DURING DRY DOWN								
		8/13	8/20	8/27	9/3	6/4	6/11	6/18	6/25	7/2	7/9
DLFPS 321/3678	TF	59.3	64.7	92.0	96.0	9.0	9.0	7.0	7.0	7.7	7.0
NONET	TF	43.7	51.0	81.7	89.3	9.0	9.0	7.0	6.7	8.0	7.0
DLFPS 321/3679	TF	52.7	54.7	85.0	91.7	8.3	9.0	7.0	7.3	8.0	7.0
PST-5SDS	TF	55.3	59.3	85.0	91.3	9.0	9.0	7.0	7.0	7.7	7.0
RS4	TF	52.0	55.7	89.3	96.3	9.0	9.0	7.3	7.0	7.7	7.3
STETSON II	TF	48.0	51.0	84.7	92.0	9.0	9.0	7.7	7.7	8.0	7.3
BAR FA 121095	TF	47.7	48.7	79.7	88.3	9.0	9.0	8.0	7.7	8.0	7.3
DLFPS 321/3677	TF	44.0	48.7	85.3	93.3	9.0	9.0	7.0	6.7	8.0	7.3
GO-AOMK	TF	49.0	52.3	85.3	90.7	9.0	8.7	7.3	7.3	7.3	7.7
LTP-SYN-A3	TF	48.3	54.0	86.0	93.0	9.0	9.0	7.3	7.3	7.3	7.0
MRSI TF15	TF	46.7	50.3	85.0	92.3	8.3	8.7	7.0	7.0	8.0	7.0
SUPERSONIC	TF	50.7	53.0	86.7	92.0	9.0	9.0	6.7	7.3	7.7	6.7
THOR	TF	52.3	58.7	88.0	94.0	9.0	8.7	7.0	7.0	7.7	6.7
THUNDERSTRUCK	TF	40.7	43.7	72.3	84.3	9.0	9.0	7.0	7.0	8.0	7.7
TITANIUM 2LS	TF	45.3	53.7	88.0	94.0	9.0	9.0	7.3	6.7	8.0	7.0
KINGDOM	TF	47.3	49.3	73.0	85.7	9.0	9.0	7.3	7.3	7.7	7.3
PST-R511	TF	54.3	59.0	86.0	93.3	9.0	8.7	7.0	6.7	7.3	7.3
BARROBUSTO	TF	52.0	55.7	79.3	88.7	9.0	9.0	6.3	6.3	7.0	6.7
CATALYST	TF	45.0	51.3	84.0	91.0	9.0	8.7	6.3	6.3	6.7	6.7
BAR PP 110358	KB	17.3	23.3	79.3	90.7	9.0	8.7	7.0	6.7	7.0	6.7
BLUE NOTE	KB	18.0	22.0	63.0	78.0	9.0	8.7	7.0	7.0	7.0	7.0
PST-K13-137	KB	21.3	26.7	68.3	79.7	9.0	7.7	7.7	8.0	8.0	7.0
BLUE DEVIL	KB	23.3	29.3	63.7	78.0	9.0	9.0	7.7	7.7	8.0	6.3
NAI-13-132	KB	21.3	24.7	68.7	78.7	9.0	7.7	7.7	7.7	8.0	6.7
PST-K13-141	KB	21.3	28.3	77.0	87.7	9.0	8.0	6.3	6.7	7.0	6.3
PST-K11-118	KB	26.3	28.3	59.3	74.0	9.0	9.0	7.0	6.7	7.0	6.7
PST-K13-143	KB	14.7	22.7	61.3	74.7	9.0	8.7	6.7	6.3	7.7	6.0
DAUNTLESS	KB	14.7	21.0	59.7	73.3	9.0	8.3	6.3	6.3	7.0	6.7
NAI-13-14	KB	22.0	26.7	64.3	76.0	9.0	8.7	7.3	7.7	7.3	5.7
MIDNIGHT	KB	28.0	33.3	67.0	74.7	9.0	8.3	7.3	7.3	7.0	6.0
EVEREST	KB	27.3	31.7	69.0	77.3	7.7	7.7	7.0	7.0	7.0	6.0
BABE	KB	16.7	21.7	56.7	63.7	8.3	8.7	6.3	5.7	6.7	6.7
PST-K15-169	KB	16.3	20.7	67.3	78.0	9.0	8.3	6.3	6.7	7.0	6.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		12.7	22.0	72.3	85.3	8.3	8.0	5.7	5.7	6.0	4.0
BARRARI	KB	24.0	25.3	56.0	69.7	9.0	9.0	6.0	6.0	6.3	6.0
LSD VALUE		14.9	11.8	9.8	6.8	1.1	1.2	1.4	1.4	0.7	1.3
C.V. (%)		26.7	19.1	8.4	5.3	4.9	6.1	9.3	9.6	5.5	10.4

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

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

TABLE 12A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 0% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2018 DATA

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

NAME		7/16	7/23	7/30	QUALITY RATINGS DURING DRY DOWN				9/3	9/10	MEAN
					8/6	8/13	8/20	8/27			
DLFPS 321/3678	TF	6.3	6.0	6.3	6.3	6.0	5.3	6.3	6.0	6.0	6.8
NONET	TF	6.3	6.3	6.0	6.0	5.7	5.0	5.3	5.3	6.0	6.6
DLFPS 321/3679	TF	6.0	6.0	6.0	6.0	5.3	5.0	5.3	5.7	5.3	6.5
PST-5SDS	TF	6.0	6.3	5.7	6.0	5.3	4.3	5.3	6.0	6.0	6.5
RS4	TF	6.0	6.3	6.0	5.7	5.3	4.7	5.3	5.7	5.7	6.5
STETSON II	TF	6.0	6.0	5.7	5.7	5.3	4.7	5.3	5.3	5.3	6.5
BAR FA 121095	TF	5.7	6.0	5.7	5.7	4.7	4.3	5.3	5.3	5.0	6.4
DLFPS 321/3677	TF	5.7	5.7	6.0	5.3	5.3	4.3	5.3	5.7	5.3	6.4
GO-AOMK	TF	6.0	6.0	5.7	5.3	5.0	4.7	5.3	5.7	5.7	6.4
LTP-SYN-A3	TF	6.0	5.7	5.7	5.3	5.3	4.3	5.3	5.7	5.7	6.4
MRSI TF15	TF	6.0	6.0	5.7	6.0	5.0	4.7	5.3	5.3	5.7	6.4
SUPERSONIC	TF	5.7	6.0	5.3	5.7	5.0	4.7	5.3	5.7	5.7	6.4
THOR	TF	5.3	5.7	5.7	6.0	6.0	5.3	5.7	5.7	5.3	6.4
THUNDERSTRUCK	TF	6.0	6.0	5.7	5.7	4.7	4.0	5.3	5.3	5.0	6.4
TITANIUM 2LS	TF	5.7	6.0	5.0	6.0	5.0	4.7	5.7	5.3	5.7	6.4
KINGDOM	TF	5.7	5.7	6.0	5.3	5.3	4.3	5.3	5.0	4.7	6.3
PST-R511	TF	5.7	5.7	5.7	5.3	5.3	4.7	5.3	5.7	5.7	6.3
BARROBUSTO	TF	5.7	5.7	5.7	5.3	5.3	4.7	4.3	5.0	5.0	6.1
CATALYST	TF	5.3	5.3	5.0	5.0	5.0	3.7	4.7	5.0	4.7	5.8
BAR PP 110358	KB	5.7	5.3	5.3	5.3	2.3	1.7	3.3	5.0	5.0	5.6
BLUE NOTE	KB	5.7	5.7	5.3	5.0	2.0	1.7	3.3	4.7	4.7	5.6
PST-K13-137	KB	5.7	5.7	5.3	5.3	1.7	2.0	3.0	4.0	4.0	5.6
BLUE DEVIL	KB	5.3	5.7	4.7	3.7	2.3	2.0	3.0	4.7	3.7	5.5
NAI-13-132	KB	5.7	5.7	4.3	4.7	2.3	2.0	3.0	4.0	4.0	5.5
PST-K13-141	KB	5.0	5.3	5.0	5.0	3.3	2.7	3.7	5.0	4.3	5.5
PST-K11-118	KB	6.0	6.0	4.7	4.3	2.3	1.7	2.7	4.3	4.3	5.4
PST-K13-143	KB	5.3	5.7	4.7	4.7	2.0	2.3	3.3	4.3	4.0	5.4
DAUNTLESS	KB	5.0	5.7	4.3	4.3	2.3	1.7	3.7	4.3	4.3	5.3
NAI-13-14	KB	5.3	5.0	4.0	4.3	2.0	2.3	3.0	4.0	4.0	5.3
MIDNIGHT	KB	5.0	5.0	3.7	4.3	2.0	2.3	2.7	3.7	3.7	5.2
EVEREST	KB	5.0	4.7	4.3	4.0	2.0	1.7	2.7	3.7	4.0	5.0
BABE	KB	4.7	5.0	4.3	4.0	2.0	1.3	2.7	3.7	3.3	4.9
PST-K15-169	KB	4.3	4.7	3.0	2.7	2.0	1.7	2.7	4.3	3.7	4.8
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.0	4.0	3.0	3.7	2.7	2.0	3.7	5.0	4.7	4.7
BARRARI	KB	3.7	4.0	3.7	3.0	1.3	1.7	2.7	3.3	3.0	4.6
LSD VALUE		0.7	0.9	1.1	1.1	0.9	1.0	1.0	0.9	1.0	0.5
C.V. (%)		8.3	9.2	13.2	13.3	16.4	19.8	15.8	11.5	13.3	5.6

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

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

TABLE 12B.

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 0% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2018 DATA

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

		PERCENT GREEN COVER DURING DRY DOWN									
NAME		6/4	6/11	6/18	6/25	7/2	7/9	7/16	7/23	7/30	8/6
BAR PP 110358	KB	85.0	90.3	88.0	83.3	86.0	84.3	84.0	66.3	53.0	33.0
BLUE NOTE	KB	89.3	91.3	89.3	84.3	88.3	81.7	82.0	63.0	54.3	33.0
PST-K13-137	KB	88.0	87.7	89.3	80.0	85.3	77.0	77.0	61.0	52.3	25.7
BLUE DEVIL	KB	88.3	86.7	87.3	83.0	85.0	75.3	77.3	56.7	47.0	29.0
NAI-13-132	KB	82.7	89.0	89.3	85.7	87.0	79.3	80.0	57.7	48.3	24.3
PST-K13-141	KB	76.3	79.0	77.3	66.3	73.7	74.3	76.7	54.3	49.7	26.7
PST-K11-118	KB	77.3	83.0	83.3	75.3	84.3	81.0	83.7	65.3	53.7	34.7
PST-K13-143	KB	82.7	81.0	79.7	71.3	78.0	72.7	74.3	53.0	42.7	24.7
DAUNTLESS	KB	81.7	82.7	81.7	68.7	75.7	70.7	71.3	47.0	42.3	19.0
NAI-13-14	KB	77.3	88.7	88.0	80.0	84.0	76.0	80.3	57.7	46.7	27.7
MIDNIGHT	KB	83.3	83.3	87.7	82.3	85.3	79.7	78.7	59.0	53.3	36.7
EVEREST	KB	83.0	90.7	89.7	83.7	86.0	82.3	81.7	60.3	55.3	31.0
BABE	KB	82.7	81.0	79.3	66.0	74.3	70.7	72.0	47.7	43.3	24.3
PST-K15-169	KB	79.3	75.3	78.0	67.0	69.7	62.7	65.3	37.7	33.3	17.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		64.3	65.3	69.7	43.3	40.7	30.3	35.7	25.3	29.0	18.7
BARRARI	KB	80.7	85.0	80.7	71.0	68.7	62.7	60.0	46.7	36.3	28.3
LSD VALUE		15.0	7.6	5.3	7.3	8.1	6.8	5.5	7.7	8.6	14.0
C.V. (%)		8.7	5.5	4.0	6.4	6.7	6.2	4.9	9.2	11.4	24.6

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

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

TABLE 12B. PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 0% OF ET
(CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2018 DATA

		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/									
NAME		PERCENT 8/13	GREEN COVER 8/20	DURING 8/27	DRY DOWN 9/3	QUALITY 6/4	RATINGS 6/11	DURING 6/18	DRY DOWN 6/25	7/2	7/9
BAR PP 110358	KB	17.3	23.3	79.3	90.7	9.0	8.7	7.0	6.7	7.0	6.7
BLUE NOTE	KB	18.0	22.0	63.0	78.0	9.0	8.7	7.0	7.0	7.0	7.0
PST-K13-137	KB	21.3	26.7	68.3	79.7	9.0	7.7	7.7	8.0	8.0	7.0
BLUE DEVIL	KB	23.3	29.3	63.7	78.0	9.0	9.0	7.7	7.7	8.0	6.3
NAI-13-132	KB	21.3	24.7	68.7	78.7	9.0	7.7	7.7	7.7	8.0	6.7
PST-K13-141	KB	21.3	28.3	77.0	87.7	9.0	8.0	6.3	6.7	7.0	6.3
PST-K11-118	KB	26.3	28.3	59.3	74.0	9.0	9.0	7.0	6.7	7.0	6.7
PST-K13-143	KB	14.7	22.7	61.3	74.7	9.0	8.7	6.7	6.3	7.7	6.0
DAUNTLESS	KB	14.7	21.0	59.7	73.3	9.0	8.3	6.3	6.3	7.0	6.7
NAI-13-14	KB	22.0	26.7	64.3	76.0	9.0	8.7	7.3	7.7	7.3	5.7
MIDNIGHT	KB	28.0	33.3	67.0	74.7	9.0	8.3	7.3	7.3	7.0	6.0
EVEREST	KB	27.3	31.7	69.0	77.3	7.7	7.7	7.0	7.0	7.0	6.0
BABE	KB	16.7	21.7	56.7	63.7	8.3	8.7	6.3	5.7	6.7	6.7
PST-K15-169	KB	16.3	20.7	67.3	78.0	9.0	8.3	6.3	6.7	7.0	6.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		12.7	22.0	72.3	85.3	8.3	8.0	5.7	5.7	6.0	4.0
BARRARI	KB	24.0	25.3	56.0	69.7	9.0	9.0	6.0	6.0	6.3	6.0
LSD VALUE		13.1	14.2	13.3	9.6	1.2	1.7	1.2	1.0	0.6	1.4
C.V. (%)		29.1	22.3	10.5	7.1	5.8	8.2	9.1	8.3	5.0	11.9

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

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

TABLE 12B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 0% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2018 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN									MEAN
		7/16	7/23	7/30	8/6	8/13	8/20	8/27	9/3	9/10	
BAR PP 110358	KB	5.7	5.3	5.3	5.3	2.3	1.7	3.3	5.0	5.0	5.6
BLUE NOTE	KB	5.7	5.7	5.3	5.0	2.0	1.7	3.3	4.7	4.7	5.6
PST-K13-137	KB	5.7	5.7	5.3	5.3	1.7	2.0	3.0	4.0	4.0	5.6
BLUE DEVIL	KB	5.3	5.7	4.7	3.7	2.3	2.0	3.0	4.7	3.7	5.5
NAI-13-132	KB	5.7	5.7	4.3	4.7	2.3	2.0	3.0	4.0	4.0	5.5
PST-K13-141	KB	5.0	5.3	5.0	5.0	3.3	2.7	3.7	5.0	4.3	5.5
PST-K11-118	KB	6.0	6.0	4.7	4.3	2.3	1.7	2.7	4.3	4.3	5.4
PST-K13-143	KB	5.3	5.7	4.7	4.7	2.0	2.3	3.3	4.3	4.0	5.4
DAUNTLESS	KB	5.0	5.7	4.3	4.3	2.3	1.7	3.7	4.3	4.3	5.3
NAI-13-14	KB	5.3	5.0	4.0	4.3	2.0	2.3	3.0	4.0	4.0	5.3
MIDNIGHT	KB	5.0	5.0	3.7	4.3	2.0	2.3	2.7	3.7	3.7	5.2
EVEREST	KB	5.0	4.7	4.3	4.0	2.0	1.7	2.7	3.7	4.0	5.0
BABE	KB	4.7	5.0	4.3	4.0	2.0	1.3	2.7	3.7	3.3	4.9
PST-K15-169	KB	4.3	4.7	3.0	2.7	2.0	1.7	2.7	4.3	3.7	4.8
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.0	4.0	3.0	3.7	2.7	2.0	3.7	5.0	4.7	4.7
BARRARI	KB	3.7	4.0	3.7	3.0	1.3	1.7	2.7	3.3	3.0	4.6
LSD VALUE		0.7	0.9	1.5	1.3	1.1	1.3	1.4	1.2	1.7	0.5
C.V. (%)		8.1	9.8	17.9	16.4	23.4	26.9	18.7	14.0	17.6	5.5

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 12C.

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 0% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2018 DATA

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

		PERCENT GREEN COVER DURING DRY DOWN									
NAME		6/4	6/11	6/18	6/25	7/2	7/9	7/16	7/23	7/30	8/6
DLFPS 321/3678	TF	66.7	78.7	83.7	74.3	83.3	79.3	82.0	77.0	72.0	64.7
NONET	TF	71.3	75.0	79.0	70.3	81.7	77.3	79.0	70.3	65.0	55.7
DLFPS 321/3679	TF	73.0	78.7	82.3	77.0	82.3	79.3	80.7	74.3	69.7	60.7
PST-5SDS	TF	72.0	76.3	81.7	79.0	85.0	82.7	84.0	79.3	74.3	67.3
RS4	TF	67.7	80.3	85.7	79.3	86.0	81.3	84.7	79.3	69.7	62.7
STETSON II	TF	69.7	80.0	84.0	78.3	84.3	81.0	81.3	70.3	64.7	55.0
BAR FA 121095	TF	69.3	78.7	83.0	77.3	83.0	76.3	80.0	69.7	62.7	51.0
DLFPS 321/3677	TF	73.3	80.3	83.0	77.3	80.7	75.0	78.3	70.3	62.3	54.7
GO-AOMK	TF	73.0	73.0	77.0	66.7	76.7	71.3	74.0	66.3	61.0	53.7
LTP-SYN-A3	TF	70.3	82.7	84.7	78.3	83.3	79.3	79.7	71.7	67.3	56.7
MRS� TF15	TF	66.0	80.0	85.7	80.3	84.7	82.3	83.0	75.0	69.0	57.3
SUPERSONIC	TF	77.7	77.0	83.0	77.7	80.3	77.3	78.0	70.0	64.0	55.7
THOR	TF	72.3	70.3	79.7	71.3	78.7	72.0	75.7	68.7	62.7	58.7
THUNDERSTRUCK	TF	72.3	73.7	77.7	73.7	81.7	76.3	78.3	69.0	61.3	47.7
TITANIUM 2LS	TF	70.3	78.7	84.0	76.7	84.0	80.7	81.0	72.3	67.3	55.7
KINGDOM	TF	67.7	74.7	80.7	74.0	82.0	75.3	77.0	67.0	62.3	51.7
PST-R511	TF	75.0	79.7	84.3	77.0	84.0	81.0	81.0	74.7	70.3	63.0
BARROBUSTO	TF	70.3	80.0	83.7	76.3	83.3	80.3	79.7	73.3	69.0	60.0
CATALYST	TF	75.3	72.7	79.7	74.0	81.3	76.0	79.0	68.0	65.3	54.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		64.3	65.3	69.7	43.3	40.7	30.3	35.7	25.3	29.0	18.7
LSD VALUE		15.8	6.6	5.4	6.2	8.3	7.9	8.4	9.6	11.0	14.7
C.V. (%)		7.8	4.9	3.9	5.5	6.7	6.9	7.0	8.8	10.4	15.4

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

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

TABLE 12C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 0% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2018 DATA

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

		PERCENT GREEN COVER DURING DRY DOWN				QUALITY RATINGS		DURING DRY DOWN			
NAME		8/13	8/20	8/27	9/3	6/4	6/11	6/18	6/25	7/2	7/9
DLFPS 321/3678	TF	59.3	64.7	92.0	96.0	9.0	9.0	7.0	7.0	7.7	7.0
NONET	TF	43.7	51.0	81.7	89.3	9.0	9.0	7.0	6.7	8.0	7.0
DLFPS 321/3679	TF	52.7	54.7	85.0	91.7	8.3	9.0	7.0	7.3	8.0	7.0
PST-5SDS	TF	55.3	59.3	85.0	91.3	9.0	9.0	7.0	7.0	7.7	7.0
RS4	TF	52.0	55.7	89.3	96.3	9.0	9.0	7.3	7.0	7.7	7.3
STETSON II	TF	48.0	51.0	84.7	92.0	9.0	9.0	7.7	7.7	8.0	7.3
BAR FA 121095	TF	47.7	48.7	79.7	88.3	9.0	9.0	8.0	7.7	8.0	7.3
DLFPS 321/3677	TF	44.0	48.7	85.3	93.3	9.0	9.0	7.0	6.7	8.0	7.3
GO-AOMK	TF	49.0	52.3	85.3	90.7	9.0	8.7	7.3	7.3	7.3	7.7
LTP-SYN-A3	TF	48.3	54.0	86.0	93.0	9.0	9.0	7.3	7.3	7.3	7.0
MRSI TF15	TF	46.7	50.3	85.0	92.3	8.3	8.7	7.0	7.0	8.0	7.0
SUPERSONIC	TF	50.7	53.0	86.7	92.0	9.0	9.0	6.7	7.3	7.7	6.7
THOR	TF	52.3	58.7	88.0	94.0	9.0	8.7	7.0	7.0	7.7	6.7
THUNDERSTRUCK	TF	40.7	43.7	72.3	84.3	9.0	9.0	7.0	7.0	8.0	7.7
TITANIUM 2LS	TF	45.3	53.7	88.0	94.0	9.0	9.0	7.3	6.7	8.0	7.0
KINGDOM	TF	47.3	49.3	73.0	85.7	9.0	9.0	7.3	7.3	7.7	7.3
PST-R511	TF	54.3	59.0	86.0	93.3	9.0	8.7	7.0	6.7	7.3	7.3
BARROBUSTO	TF	52.0	55.7	79.3	88.7	9.0	9.0	6.3	6.3	7.0	6.7
CATALYST	TF	45.0	51.3	84.0	91.0	9.0	8.7	6.3	6.3	6.7	6.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		12.7	22.0	72.3	85.3	8.3	8.0	5.7	5.7	6.0	4.0
LSD VALUE		23.7	16.8	9.3	7.4	1.4	0.6	1.6	2.1	0.7	0.9
C.V. (%)		23.6	17.0	6.2	4.1	5.0	3.2	9.6	11.1	5.7	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 12C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 0% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2018 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN								
		7/16	7/23	7/30	8/6	8/13	8/20	8/27	9/3	9/10
DLFPS 321/3678	TF	6.3	6.0	6.3	6.3	6.0	5.3	6.3	6.0	6.0
NONET	TF	6.3	6.3	6.0	6.0	5.7	5.0	5.3	5.3	6.0
DLFPS 321/3679	TF	6.0	6.0	6.0	6.0	5.3	5.0	5.3	5.7	5.3
PST-5SDS	TF	6.0	6.3	5.7	6.0	5.3	4.3	5.3	6.0	6.0
RS4	TF	6.0	6.3	6.0	5.7	5.3	4.7	5.3	5.7	5.7
STETSON II	TF	6.0	6.0	5.7	5.7	5.3	4.7	5.3	5.3	5.3
BAR FA 121095	TF	5.7	6.0	5.7	5.7	4.7	4.3	5.3	5.3	5.0
DLFPS 321/3677	TF	5.7	5.7	6.0	5.3	5.3	4.3	5.3	5.7	5.3
GO-AOMK	TF	6.0	6.0	5.7	5.3	5.0	4.7	5.3	5.7	5.7
LTP-SYN-A3	TF	6.0	5.7	5.7	5.3	5.3	4.3	5.3	5.7	5.7
MRSI TF15	TF	6.0	6.0	5.7	6.0	5.0	4.7	5.3	5.3	5.7
SUPERSONIC	TF	5.7	6.0	5.3	5.7	5.0	4.7	5.3	5.7	5.7
THOR	TF	5.3	5.7	5.7	6.0	6.0	5.3	5.7	5.7	5.3
THUNDERSTRUCK	TF	6.0	6.0	5.7	5.7	4.7	4.0	5.3	5.3	5.0
TITANIUM 2LS	TF	5.7	6.0	5.0	6.0	5.0	4.7	5.7	5.3	5.7
KINGDOM	TF	5.7	5.7	6.0	5.3	5.3	4.3	5.3	5.0	4.7
PST-R511	TF	5.7	5.7	5.7	5.3	5.3	4.7	5.3	5.7	5.7
BARROBUSTO	TF	5.7	5.7	5.7	5.3	5.3	4.7	4.3	5.0	5.0
CATALYST	TF	5.3	5.3	5.0	5.0	5.0	3.7	4.7	5.0	4.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.0	4.0	3.0	3.7	2.7	2.0	3.7	5.0	4.7
LSD VALUE		0.9	0.7	1.0	1.1	1.2	1.4	1.8	1.6	1.4
C.V. (%)		8.2	7.1	10.7	10.3	12.8	16.7	14.0	9.9	11.0

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 13A.

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 25% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2018 DATA

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

		PERCENT GREEN COVER DURING DRY DOWN									
NAME		6/4	6/11	6/18	6/25	7/2	7/9	7/16	7/23	7/30	8/6
CATALYST	TF	70.3	77.7	83.7	78.3	84.3	76.3	82.0	75.7	74.0	68.7
PST-5SDS	TF	69.3	78.7	83.3	77.7	86.3	82.3	82.0	77.0	71.0	69.3
STETSON II	TF	69.3	75.7	81.3	74.3	81.3	76.0	78.3	71.3	66.3	58.0
TITANIUM 2LS	TF	73.7	79.0	83.3	77.0	85.3	79.0	84.0	78.3	74.3	70.3
DLFPS 321/3678	TF	73.7	74.0	80.3	74.3	83.3	76.7	80.3	72.3	70.3	68.0
NONET	TF	75.7	76.0	81.7	73.0	80.0	77.3	75.7	71.7	68.0	66.3
BARROBUSTO	TF	72.7	75.7	80.3	74.3	82.0	66.3	78.3	72.7	69.3	65.0
GO-AOMK	TF	70.7	71.7	76.0	68.3	73.7	75.7	73.3	67.0	63.0	60.7
KINGDOM	TF	70.3	77.0	79.7	71.3	81.3	80.7	79.7	71.3	68.7	63.7
LTP-SYN-A3	TF	71.7	75.0	79.3	71.0	80.0	73.3	79.0	71.7	69.3	67.3
PST-R511	TF	76.3	81.7	86.7	79.3	85.7	66.3	78.3	69.7	67.3	64.3
THOR	TF	76.0	79.3	85.3	78.7	84.3	79.0	79.7	70.7	66.3	63.0
DLFPS 321/3677	TF	74.0	77.3	82.0	78.7	83.7	73.3	80.3	71.3	67.3	62.3
RS4	TF	76.3	78.3	86.3	81.3	83.0	78.7	82.0	73.0	70.7	70.3
BAR FA 121095	TF	75.7	71.3	80.3	74.0	80.3	72.3	75.7	67.7	63.0	53.7
DLFPS 321/3679	TF	77.7	70.7	78.0	68.0	77.3	71.7	76.3	68.0	63.0	60.7
THUNDERSTRUCK	TF	69.7	71.7	77.0	70.0	77.7	76.7	77.0	68.0	62.3	59.7
MRS L TF15	TF	73.0	78.3	82.0	74.7	80.0	78.3	77.7	69.7	66.7	61.0
PST-K13-141	KB	88.7	80.0	81.0	71.0	74.0	72.7	74.3	61.3	55.0	46.7
SUPERSONIC	TF	73.7	75.0	79.3	72.7	80.3	76.7	77.7	69.3	68.7	65.0
BLUE DEVIL	KB	82.3	90.3	91.0	84.7	87.7	85.0	80.0	66.3	57.3	50.3
BLUE NOTE	KB	85.7	92.3	91.7	87.0	87.7	78.7	81.7	66.0	56.7	49.7
MIDNIGHT	KB	83.3	86.3	88.3	82.3	86.0	82.3	82.7	72.7	63.3	57.3
NAI-13-132	KB	84.7	83.7	86.7	80.7	84.7	76.3	78.7	64.7	55.3	46.0
PST-K11-118	KB	88.7	86.3	85.7	79.7	86.3	77.7	84.7	70.0	63.3	53.7
PST-K13-143	KB	85.7	79.3	80.0	70.0	77.3	73.7	77.0	59.0	51.7	44.0
BABE	KB	88.3	83.0	81.3	73.7	77.7	76.7	73.0	55.7	48.7	42.3
BAR PP 110358	KB	89.3	90.7	88.3	78.7	84.0	78.7	79.3	69.3	62.3	55.7
EVEREST	KB	85.7	84.0	84.3	79.0	82.7	78.7	77.3	60.0	53.7	41.7
NAI-13-14	KB	81.7	84.7	88.3	83.7	87.7	80.3	80.3	66.0	54.3	48.3
PST-K13-137	KB	82.7	85.3	87.3	78.0	79.7	77.7	76.0	58.0	51.3	40.7
DAUNTLESS	KB	79.0	83.0	83.3	72.0	78.0	74.3	72.7	56.3	52.0	46.0
BARRARI	KB	83.7	87.3	82.3	74.3	70.7	70.0	64.3	56.0	46.7	41.3
PST-K15-169	KB	89.0	71.7	79.0	61.3	66.0	51.3	57.7	36.7	38.0	29.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		65.3	61.7	70.7	41.7	39.7	41.3	31.0	25.7	30.3	24.0
LSD VALUE		12.9	8.8	6.2	8.3	6.9	17.4	6.2	9.2	9.5	9.8
C.V. (%)		9.1	6.8	4.5	7.1	5.7	12.1	5.4	9.1	10.1	11.7

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

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

TABLE 13A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 25% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2018 DATA

		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/									
NAME		PERCENT GREEN COVER DURING DRY DOWN				QUALITY RATINGS DURING DRY DOWN				7/2	7/9
		8/13	8/20	8/27	9/3	6/4	6/11	6/18	6/25		
CATALYST	TF	66.3	69.7	89.3	95.0	9.0	9.0	6.7	7.3	7.7	7.0
PST-5SDS	TF	63.3	66.0	86.3	91.3	9.0	9.0	7.3	7.3	8.0	7.0
STETSON II	TF	60.0	63.0	84.3	91.0	9.0	9.0	7.3	8.0	8.0	7.0
TITANIUM 2LS	TF	65.0	68.3	89.7	94.0	9.0	9.0	7.0	6.7	8.0	7.0
DLFPS 321/3678	TF	62.0	65.0	89.3	94.0	9.0	9.0	7.3	7.0	7.7	6.7
NONET	TF	63.0	62.0	74.3	85.3	9.0	9.0	6.7	7.3	8.0	7.0
BARROBUSTO	TF	57.7	61.7	86.7	91.7	9.0	8.7	7.3	6.3	7.7	7.3
GO-AOMK	TF	59.3	62.0	86.3	91.7	9.0	9.0	7.0	7.7	7.7	6.7
KINGDOM	TF	60.0	60.7	81.3	87.3	9.0	9.0	7.0	7.3	8.0	6.7
LTP-SYN-A3	TF	61.7	66.0	87.7	93.7	9.0	8.7	6.0	6.7	7.3	6.7
PST-R511	TF	58.0	65.7	88.0	95.0	9.0	9.0	7.0	7.0	7.0	7.0
THOR	TF	57.7	59.7	88.3	94.3	9.0	9.0	7.7	7.3	8.0	7.0
DLFPS 321/3677	TF	55.3	59.7	88.0	94.0	9.0	9.0	6.0	7.0	7.3	6.7
RS4	TF	67.7	70.7	93.7	96.7	9.0	9.0	6.7	6.3	7.3	6.3
BAR FA 121095	TF	46.7	51.7	76.3	87.3	9.0	9.0	7.7	7.3	7.7	7.0
DLFPS 321/3679	TF	57.0	58.7	86.0	92.7	9.0	8.7	6.3	7.0	7.0	6.7
THUNDERSTRUCK	TF	54.7	57.3	83.0	90.3	9.0	9.0	7.0	6.3	8.0	6.7
MRS� TF15	TF	55.3	59.0	81.0	89.0	9.0	9.0	7.3	7.0	7.7	6.3
PST-K13-141	KB	38.3	46.0	68.7	83.0	9.0	8.7	7.0	6.7	7.3	6.0
SUPERSONIC	TF	61.7	63.7	83.0	90.7	9.0	9.0	5.7	6.3	7.3	6.3
BLUE DEVIL	KB	41.0	43.7	70.0	80.7	9.0	8.7	7.3	7.3	7.3	7.0
BLUE NOTE	KB	38.7	39.3	70.3	82.0	8.3	8.7	7.0	7.0	6.7	6.7
MIDNIGHT	KB	48.7	53.0	70.7	83.0	9.0	9.0	7.7	7.0	7.3	6.3
NAI-13-132	KB	42.0	43.7	68.7	81.3	9.0	9.0	7.3	7.3	7.0	7.0
PST-K11-118	KB	41.7	45.7	67.0	77.3	9.0	9.0	7.0	6.3	6.7	6.7
PST-K13-143	KB	34.0	42.0	69.0	78.3	9.0	8.7	6.3	6.0	7.7	6.3
BABE	KB	34.0	38.3	55.0	70.7	9.0	9.0	7.0	7.0	6.7	6.7
BAR PP 110358	KB	41.7	44.7	75.3	83.3	9.0	9.0	6.7	6.3	6.3	7.0
EVEREST	KB	36.0	36.7	62.3	74.3	9.0	8.7	8.0	7.7	7.3	6.7
NAI-13-14	KB	41.0	43.0	74.3	81.3	8.3	8.0	7.3	7.3	7.0	7.0
PST-K13-137	KB	30.3	35.7	67.0	83.0	9.0	8.0	7.3	7.3	8.0	7.0
DAUNTLESS	KB	34.0	38.0	58.0	73.3	9.0	9.0	6.3	6.0	6.7	6.7
BARRARI	KB	31.3	34.3	61.7	73.7	9.0	9.0	6.7	6.3	6.0	6.3
PST-K15-169	KB	24.0	30.3	63.7	76.3	9.0	8.0	6.7	6.3	6.7	6.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		23.3	33.7	67.0	83.0	8.3	8.3	6.0	5.3	5.0	4.3
LSD VALUE		9.4	8.5	12.2	8.9	1.2	1.5	1.6	1.5	0.8	1.3
C.V. (%)		12.8	10.8	10.0	6.5	3.8	5.5	10.2	10.4	6.9	9.4

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

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

TABLE 13A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 25% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2018 DATA

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

		QUALITY RATINGS DURING DRY DOWN									MEAN
NAME		7/16	7/23	7/30	8/6	8/13	8/20	8/27	9/3	9/10	
CATALYST	TF	6.0	5.7	6.0	5.7	6.0	5.7	6.0	6.0	6.0	6.6
PST-5SDS	TF	6.7	6.3	5.7	6.0	5.7	5.3	5.3	5.7	5.3	6.6
STETSON II	TF	6.7	6.0	5.7	5.7	5.7	5.7	5.0	5.7	5.3	6.6
TITANIUM 2LS	TF	6.3	6.3	5.7	6.0	5.7	5.3	5.7	5.7	5.7	6.6
DLFPS 321/3678	TF	6.0	6.0	5.7	5.3	5.7	5.0	5.7	5.7	5.3	6.5
NONET	TF	6.3	5.7	5.7	6.0	5.7	5.0	5.7	5.0	5.3	6.5
BARROBUSTO	TF	6.3	6.0	5.7	6.0	5.0	5.3	5.0	5.7	5.3	6.4
GO-AOMK	TF	6.0	5.3	5.7	6.0	5.0	5.0	5.3	5.3	5.0	6.4
KINGDOM	TF	6.0	6.0	6.0	6.0	5.0	5.0	5.0	5.3	5.0	6.4
LTP-SYN-A3	TF	6.0	5.7	5.7	5.7	5.7	5.3	5.7	5.7	5.7	6.4
PST-R511	TF	6.0	5.7	5.3	5.7	5.0	5.3	5.3	5.7	5.7	6.4
THOR	TF	6.0	5.7	5.7	5.0	5.3	4.7	5.0	5.7	5.7	6.4
DLFPS 321/3677	TF	6.0	5.7	5.7	5.7	4.7	4.7	5.3	5.7	5.7	6.3
RS4	TF	5.7	5.7	5.3	5.3	5.3	5.0	5.7	6.0	5.3	6.3
BAR FA 121095	TF	6.0	5.3	5.7	5.0	5.0	4.0	4.7	4.3	5.3	6.2
DLFPS 321/3679	TF	6.0	5.3	5.7	5.3	5.0	5.0	5.3	5.3	5.3	6.2
THUNDERSTRUCK	TF	5.7	5.3	5.3	5.7	5.3	5.0	5.0	5.3	5.0	6.2
MRSI TF15	TF	5.7	5.3	5.3	5.0	4.7	4.3	4.7	5.0	4.7	6.1
PST-K13-141	KB	5.0	5.3	5.3	5.0	4.0	4.3	4.3	5.0	5.0	5.9
SUPERSONIC	TF	5.7	5.3	5.0	5.0	4.7	4.7	4.7	5.0	5.0	5.9
BLUE DEVIL	KB	5.3	5.3	5.0	5.0	2.7	3.7	4.0	4.7	4.3	5.8
BLUE NOTE	KB	5.3	5.3	5.7	5.3	3.7	3.3	4.0	4.7	5.0	5.8
MIDNIGHT	KB	5.3	5.7	5.0	5.0	3.7	3.7	4.0	4.3	4.3	5.8
NAI-13-132	KB	6.0	5.0	5.0	5.0	3.0	3.7	3.3	4.3	4.7	5.8
PST-K11-118	KB	5.7	5.7	5.3	5.3	3.7	4.0	3.3	4.7	4.7	5.8
PST-K13-143	KB	5.7	5.3	5.3	5.0	4.0	3.3	4.0	5.0	4.7	5.8
BABE	KB	5.0	5.0	5.0	4.7	3.7	3.3	4.3	4.3	4.7	5.7
BAR PP 110358	KB	5.7	5.3	5.3	5.3	3.7	3.3	3.0	5.0	4.7	5.7
EVEREST	KB	5.3	5.7	4.7	4.3	3.3	3.3	3.3	3.7	4.3	5.7
NAI-13-14	KB	5.3	5.3	5.3	4.7	3.3	3.0	4.0	4.0	4.7	5.6
PST-K13-137	KB	6.0	6.0	5.7	4.0	2.7	2.7	3.0	3.7	3.7	5.6
DAUNTLESS	KB	5.3	5.3	4.3	4.3	3.0	3.0	3.3	4.3	4.0	5.4
BARRARI	KB	4.0	4.7	4.7	4.0	3.0	3.0	3.7	4.7	4.7	5.3
PST-K15-169	KB	4.7	4.0	3.3	3.3	2.3	2.3	3.0	3.3	3.3	4.8
SR 4650 (P.RYEGRASS STANDARD ENTRY)		3.3	3.3	3.0	3.7	3.0	3.3	4.0	4.7	5.0	4.7
LSD VALUE		1.1	1.2	1.1	1.2	0.9	1.1	1.2	1.1	1.1	0.6
C.V. (%)		11.4	11.5	12.0	13.3	14.0	16.0	16.0	12.9	12.1	6.2

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

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

TABLE 13B.

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 25% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2018 DATA

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

		PERCENT GREEN COVER DURING DRY DOWN									
NAME		6/4	6/11	6/18	6/25	7/2	7/9	7/16	7/23	7/30	8/6
PST-K13-141	KB	88.7	80.0	81.0	71.0	74.0	72.7	74.3	61.3	55.0	46.7
BLUE DEVIL	KB	82.3	90.3	91.0	84.7	87.7	85.0	80.0	66.3	57.3	50.3
BLUE NOTE	KB	85.7	92.3	91.7	87.0	87.7	78.7	81.7	66.0	56.7	49.7
MIDNIGHT	KB	83.3	86.3	88.3	82.3	86.0	82.3	82.7	72.7	63.3	57.3
NAI-13-132	KB	84.7	83.7	86.7	80.7	84.7	76.3	78.7	64.7	55.3	46.0
PST-K11-118	KB	88.7	86.3	85.7	79.7	86.3	77.7	84.7	70.0	63.3	53.7
PST-K13-143	KB	85.7	79.3	80.0	70.0	77.3	73.7	77.0	59.0	51.7	44.0
BABE	KB	88.3	83.0	81.3	73.7	77.7	76.7	73.0	55.7	48.7	42.3
BAR PP 110358	KB	89.3	90.7	88.3	78.7	84.0	78.7	79.3	69.3	62.3	55.7
EVEREST	KB	85.7	84.0	84.3	79.0	82.7	78.7	77.3	60.0	53.7	41.7
NAI-13-14	KB	81.7	84.7	88.3	83.7	87.7	80.3	80.3	66.0	54.3	48.3
PST-K13-137	KB	82.7	85.3	87.3	78.0	79.7	77.7	76.0	58.0	51.3	40.7
DAUNTLESS	KB	79.0	83.0	83.3	72.0	78.0	74.3	72.7	56.3	52.0	46.0
BARRARI	KB	83.7	87.3	82.3	74.3	70.7	70.0	64.3	56.0	46.7	41.3
PST-K15-169	KB	89.0	71.7	79.0	61.3	66.0	51.3	57.7	36.7	38.0	29.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		65.3	61.7	70.7	41.7	39.7	41.3	31.0	25.7	30.3	24.0
LSD VALUE		12.0	7.7	6.1	9.5	8.6	15.3	7.1	9.3	12.2	11.8
C.V. (%)		7.3	5.7	4.4	8.0	7.2	12.3	6.4	10.2	13.6	15.5

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 13B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 25% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2018 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN				QUALITY RATINGS DURING DRY DOWN					
		8/13	8/20	8/27	9/3	6/4	6/11	6/18	6/25	7/2	7/9
PST-K13-141	KB	38.3	46.0	68.7	83.0	9.0	8.7	7.0	6.7	7.3	6.0
BLUE DEVIL	KB	41.0	43.7	70.0	80.7	9.0	8.7	7.3	7.3	7.3	7.0
BLUE NOTE	KB	38.7	39.3	70.3	82.0	8.3	8.7	7.0	7.0	6.7	6.7
MIDNIGHT	KB	48.7	53.0	70.7	83.0	9.0	9.0	7.7	7.0	7.3	6.3
NAI-13-132	KB	42.0	43.7	68.7	81.3	9.0	9.0	7.3	7.3	7.0	7.0
PST-K11-118	KB	41.7	45.7	67.0	77.3	9.0	9.0	7.0	6.3	6.7	6.7
PST-K13-143	KB	34.0	42.0	69.0	78.3	9.0	8.7	6.3	6.0	7.7	6.3
BABE	KB	34.0	38.3	55.0	70.7	9.0	9.0	7.0	7.0	6.7	6.7
BAR PP 110358	KB	41.7	44.7	75.3	83.3	9.0	9.0	6.7	6.3	6.3	7.0
EVEREST	KB	36.0	36.7	62.3	74.3	9.0	8.7	8.0	7.7	7.3	6.7
NAI-13-14	KB	41.0	43.0	74.3	81.3	8.3	8.0	7.3	7.3	7.0	7.0
PST-K13-137	KB	30.3	35.7	67.0	83.0	9.0	8.0	7.3	7.3	8.0	7.0
DAUNTLESS	KB	34.0	38.0	58.0	73.3	9.0	9.0	6.3	6.0	6.7	6.7
BARRARI	KB	31.3	34.3	61.7	73.7	9.0	9.0	6.7	6.3	6.0	6.3
PST-K15-169	KB	24.0	30.3	63.7	76.3	9.0	8.0	6.7	6.3	6.7	6.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		23.3	33.7	67.0	83.0	8.3	8.3	6.0	5.3	5.0	4.3
LSD VALUE		10.9	8.8	14.6	12.6	1.6	1.7	1.4	1.8	1.1	1.2
C.V. (%)		16.8	12.3	10.0	7.0	5.8	7.2	9.2	11.9	8.9	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 13B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 25% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2018 DATA

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

		QUALITY RATINGS DURING DRY DOWN									MEAN
NAME		7/16	7/23	7/30	8/6	8/13	8/20	8/27	9/3	9/10	
PST-K13-141	KB	5.0	5.3	5.3	5.0	4.0	4.3	4.3	5.0	5.0	5.9
BLUE DEVIL	KB	5.3	5.3	5.0	5.0	2.7	3.7	4.0	4.7	4.3	5.8
BLUE NOTE	KB	5.3	5.3	5.7	5.3	3.7	3.3	4.0	4.7	5.0	5.8
MIDNIGHT	KB	5.3	5.7	5.0	5.0	3.7	3.7	4.0	4.3	4.3	5.8
NAI-13-132	KB	6.0	5.0	5.0	5.0	3.0	3.7	3.3	4.3	4.7	5.8
PST-K11-118	KB	5.7	5.7	5.3	5.3	3.7	4.0	3.3	4.7	4.7	5.8
PST-K13-143	KB	5.7	5.3	5.3	5.0	4.0	3.3	4.0	5.0	4.7	5.8
BABE	KB	5.0	5.0	5.0	4.7	3.7	3.3	4.3	4.3	4.7	5.7
BAR PP 110358	KB	5.7	5.3	5.3	5.3	3.7	3.3	3.0	5.0	4.7	5.7
EVEREST	KB	5.3	5.7	4.7	4.3	3.3	3.3	3.3	3.7	4.3	5.7
NAI-13-14	KB	5.3	5.3	5.3	4.7	3.3	3.0	4.0	4.0	4.7	5.6
PST-K13-137	KB	6.0	6.0	5.7	4.0	2.7	2.7	3.0	3.7	3.7	5.6
DAUNTLESS	KB	5.3	5.3	4.3	4.3	3.0	3.0	3.3	4.3	4.0	5.4
BARRARI	KB	4.0	4.7	4.7	4.0	3.0	3.0	3.7	4.7	4.7	5.3
PST-K15-169	KB	4.7	4.0	3.3	3.3	2.3	2.3	3.0	3.3	3.3	4.8
SR 4650 (P.RYEGRASS STANDARD ENTRY)		3.3	3.3	3.0	3.7	3.0	3.3	4.0	4.7	5.0	4.7
LSD VALUE		1.2	1.3	1.3	1.9	1.7	1.8	2.0	1.5	1.6	0.9
C.V. (%)		12.9	13.4	14.2	17.6	21.1	21.5	20.6	15.0	14.8	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 13C.

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 25% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2018 DATA

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

		PERCENT GREEN COVER DURING DRY DOWN									
NAME		6/4	6/11	6/18	6/25	7/2	7/9	7/16	7/23	7/30	8/6
CATALYST	TF	70.3	77.7	83.7	78.3	84.3	76.3	82.0	75.7	74.0	68.7
PST-5SDS	TF	69.3	78.7	83.3	77.7	86.3	82.3	82.0	77.0	71.0	69.3
STETSON II	TF	69.3	75.7	81.3	74.3	81.3	76.0	78.3	71.3	66.3	58.0
TITANIUM 2LS	TF	73.7	79.0	83.3	77.0	85.3	79.0	84.0	78.3	74.3	70.3
DLFPS 321/3678	TF	73.7	74.0	80.3	74.3	83.3	76.7	80.3	72.3	70.3	68.0
NONET	TF	75.7	76.0	81.7	73.0	80.0	77.3	75.7	71.7	68.0	66.3
BARROBUSTO	TF	72.7	75.7	80.3	74.3	82.0	66.3	78.3	72.7	69.3	65.0
GO-AOMK	TF	70.7	71.7	76.0	68.3	73.7	75.7	73.3	67.0	63.0	60.7
KINGDOM	TF	70.3	77.0	79.7	71.3	81.3	80.7	79.7	71.3	68.7	63.7
LTP-SYN-A3	TF	71.7	75.0	79.3	71.0	80.0	73.3	79.0	71.7	69.3	67.3
PST-R511	TF	76.3	81.7	86.7	79.3	85.7	66.3	78.3	69.7	67.3	64.3
THOR	TF	76.0	79.3	85.3	78.7	84.3	79.0	79.7	70.7	66.3	63.0
DLFPS 321/3677	TF	74.0	77.3	82.0	78.7	83.7	73.3	80.3	71.3	67.3	62.3
RS4	TF	76.3	78.3	86.3	81.3	83.0	78.7	82.0	73.0	70.7	70.3
BAR FA 121095	TF	75.7	71.3	80.3	74.0	80.3	72.3	75.7	67.7	63.0	53.7
DLFPS 321/3679	TF	77.7	70.7	78.0	68.0	77.3	71.7	76.3	68.0	63.0	60.7
THUNDERSTRUCK	TF	69.7	71.7	77.0	70.0	77.7	76.7	77.0	68.0	62.3	59.7
MRS� TF15	TF	73.0	78.3	82.0	74.7	80.0	78.3	77.7	69.7	66.7	61.0
SUPERSONIC	TF	73.7	75.0	79.3	72.7	80.3	76.7	77.7	69.3	68.7	65.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		65.3	61.7	70.7	41.7	39.7	41.3	31.0	25.7	30.3	24.0
LSD VALUE		19.8	11.3	6.4	7.4	6.0	19.7	5.4	7.6	6.7	8.3
C.V. (%)		8.4	7.0	4.4	6.5	5.0	13.2	4.8	7.2	6.6	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 13C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 25% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2018 DATA

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

		PERCENT GREEN COVER DURING DRY DOWN				QUALITY RATINGS DURING DRY DOWN					
NAME		8/13	8/20	8/27	9/3	6/4	6/11	6/18	6/25	7/2	7/9
CATALYST	TF	66.3	69.7	89.3	95.0	9.0	9.0	6.7	7.3	7.7	7.0
PST-5SDS	TF	63.3	66.0	86.3	91.3	9.0	9.0	7.3	7.3	8.0	7.0
STETSON II	TF	60.0	63.0	84.3	91.0	9.0	9.0	7.3	8.0	8.0	7.0
TITANIUM 2LS	TF	65.0	68.3	89.7	94.0	9.0	9.0	7.0	6.7	8.0	7.0
DLFPS 321/3678	TF	62.0	65.0	89.3	94.0	9.0	9.0	7.3	7.0	7.7	6.7
NONET	TF	63.0	62.0	74.3	85.3	9.0	9.0	6.7	7.3	8.0	7.0
BARROBUSTO	TF	57.7	61.7	86.7	91.7	9.0	8.7	7.3	6.3	7.7	7.3
GO-AOMK	TF	59.3	62.0	86.3	91.7	9.0	9.0	7.0	7.7	7.7	6.7
KINGDOM	TF	60.0	60.7	81.3	87.3	9.0	9.0	7.0	7.3	8.0	6.7
LTP-SYN-A3	TF	61.7	66.0	87.7	93.7	9.0	8.7	6.0	6.7	7.3	6.7
PST-R511	TF	58.0	65.7	88.0	95.0	9.0	9.0	7.0	7.0	7.0	7.0
THOR	TF	57.7	59.7	88.3	94.3	9.0	9.0	7.7	7.3	8.0	7.0
DLFPS 321/3677	TF	55.3	59.7	88.0	94.0	9.0	9.0	6.0	7.0	7.3	6.7
RS4	TF	67.7	70.7	93.7	96.7	9.0	9.0	6.7	6.3	7.3	6.3
BAR FA 121095	TF	46.7	51.7	76.3	87.3	9.0	9.0	7.7	7.3	7.7	7.0
DLFPS 321/3679	TF	57.0	58.7	86.0	92.7	9.0	8.7	6.3	7.0	7.0	6.7
THUNDERSTRUCK	TF	54.7	57.3	83.0	90.3	9.0	9.0	7.0	6.3	8.0	6.7
MRS� TF15	TF	55.3	59.0	81.0	89.0	9.0	9.0	7.3	7.0	7.7	6.3
SUPERSONIC	TF	61.7	63.7	83.0	90.7	9.0	9.0	5.7	6.3	7.3	6.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		23.3	33.7	67.0	83.0	8.3	8.3	6.0	5.3	5.0	4.3
LSD VALUE		10.4	10.1	10.5	5.9	0.8	0.7	1.9	1.1	0.7	1.0
C.V. (%)		11.2	9.9	6.9	3.6	2.9	3.0	11.5	8.4	5.8	8.6

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

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

TABLE 13C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 25% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2018 DATA

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

		QUALITY RATINGS DURING DRY DOWN									MEAN
NAME		7/16	7/23	7/30	8/6	8/13	8/20	8/27	9/3	9/10	
CATALYST	TF	6.0	5.7	6.0	5.7	6.0	5.7	6.0	6.0	6.0	6.6
PST-5SDS	TF	6.7	6.3	5.7	6.0	5.7	5.3	5.3	5.7	5.3	6.6
STETSON II	TF	6.7	6.0	5.7	5.7	5.7	5.7	5.0	5.7	5.3	6.6
TITANIUM 2LS	TF	6.3	6.3	5.7	6.0	5.7	5.3	5.7	5.7	5.7	6.6
DLFPS 321/3678	TF	6.0	6.0	5.7	5.3	5.7	5.0	5.7	5.7	5.3	6.5
NONET	TF	6.3	5.7	5.7	6.0	5.7	5.0	5.7	5.0	5.3	6.5
BARROBUSTO	TF	6.3	6.0	5.7	6.0	5.0	5.3	5.0	5.7	5.3	6.4
GO-AOMK	TF	6.0	5.3	5.7	6.0	5.0	5.0	5.3	5.3	5.0	6.4
KINGDOM	TF	6.0	6.0	6.0	6.0	5.0	5.0	5.0	5.3	5.0	6.4
LTP-SYN-A3	TF	6.0	5.7	5.7	5.7	5.7	5.3	5.7	5.7	5.7	6.4
PST-R511	TF	6.0	5.7	5.3	5.7	5.0	5.3	5.3	5.7	5.7	6.4
THOR	TF	6.0	5.7	5.7	5.0	5.3	4.7	5.0	5.7	5.7	6.4
DLFPS 321/3677	TF	6.0	5.7	5.7	5.7	4.7	4.7	5.3	5.7	5.7	6.3
RS4	TF	5.7	5.7	5.3	5.3	5.3	5.0	5.7	6.0	5.3	6.3
BAR FA 121095	TF	6.0	5.3	5.7	5.0	5.0	4.0	4.7	4.3	5.3	6.2
DLFPS 321/3679	TF	6.0	5.3	5.7	5.3	5.0	5.0	5.3	5.3	5.3	6.2
THUNDERSTRUCK	TF	5.7	5.3	5.3	5.7	5.3	5.0	5.0	5.3	5.0	6.2
MRSI TF15	TF	5.7	5.3	5.3	5.0	4.7	4.3	4.7	5.0	4.7	6.1
SUPERSONIC	TF	5.7	5.3	5.0	5.0	4.7	4.7	4.7	5.0	5.0	5.9
SR 4650 (P.RYEGRASS STANDARD ENTRY)		3.3	3.3	3.0	3.7	3.0	3.3	4.0	4.7	5.0	4.7
LSD VALUE		1.1	0.9	1.0	1.1	0.8	1.3	1.4	1.5	1.5	0.5
C.V. (%)		10.5	9.7	10.3	10.4	9.4	13.0	11.8	11.0	10.0	5.1

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

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

TABLE 14A.

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 75% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2018 DATA

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

		PERCENT GREEN COVER DURING DRY DOWN									
NAME		6/4	6/11	6/18	6/25	7/2	7/9	7/16	7/23	7/30	8/6
NONET	TF	79.7	80.0	83.3	77.7	83.0	80.3	80.7	77.0	74.7	74.0
RS4	TF	72.3	84.0	88.3	83.7	89.0	86.3	86.7	83.7	81.0	80.3
DLFPS 321/3679	TF	77.0	79.3	83.0	76.3	83.7	80.3	81.0	74.3	71.7	69.7
PST-5SDS	TF	78.0	82.7	86.0	81.0	86.3	78.7	84.0	80.3	76.7	77.7
THUNDERSTRUCK	TF	82.0	78.3	82.3	74.7	83.3	81.3	81.7	76.0	70.3	67.0
TITANIUM 2LS	TF	80.7	82.3	84.7	79.3	86.7	83.3	85.3	81.7	79.7	76.3
BAR FA 121095	TF	75.0	80.0	85.3	78.3	85.0	80.7	83.0	77.7	71.0	69.7
BARROBUSTO	TF	79.7	80.7	86.7	81.7	84.0	81.0	81.7	78.3	74.0	78.7
DLFPS 321/3678	TF	77.7	75.0	84.3	75.0	85.0	82.7	83.0	79.0	75.0	73.0
GO-AOMK	TF	77.0	73.7	80.0	71.7	79.0	77.0	78.0	72.7	69.0	69.0
STETSON II	TF	77.7	76.7	81.3	72.0	82.3	67.0	79.3	72.3	70.7	69.3
THOR	TF	74.7	79.3	84.3	76.3	84.3	79.7	83.7	79.0	76.3	73.0
DLFPS 321/3677	TF	75.0	81.3	85.0	79.7	87.0	82.0	84.3	77.7	73.7	72.3
CATALYST	TF	77.3	78.0	83.7	78.7	85.3	81.0	85.3	80.0	75.3	77.0
LTP-SYN-A3	TF	76.7	78.0	82.0	75.3	84.3	80.7	83.3	80.3	75.7	75.7
SUPERSONIC	TF	77.0	79.0	83.0	78.3	84.0	80.3	81.3	75.7	72.0	74.0
MRSI TF15	TF	77.0	76.0	81.3	74.3	83.0	80.3	80.7	75.3	74.0	73.3
KINGDOM	TF	77.3	75.0	79.7	72.3	75.3	70.0	72.0	68.0	66.0	64.7
PST-R511	TF	74.7	79.3	84.3	75.7	82.7	77.7	80.0	74.3	69.7	68.7
PST-K11-118	KB	90.0	88.3	87.0	80.7	89.7	70.3	87.0	79.7	77.7	73.3
PST-K13-143	KB	86.3	82.0	83.7	75.7	84.3	78.0	82.3	71.3	68.7	66.3
BLUE NOTE	KB	86.0	92.3	90.0	85.7	88.7	80.3	84.3	76.7	71.3	67.7
BLUE DEVIL	KB	83.0	85.7	87.0	81.0	84.0	79.3	81.3	70.7	67.0	62.7
PST-K13-141	KB	85.7	81.7	81.0	73.3	80.7	81.7	78.3	69.3	65.3	64.0
BABE	KB	85.0	85.0	85.3	77.3	82.3	84.0	79.3	67.0	61.7	58.0
NAI-13-14	KB	82.0	89.0	91.7	81.3	85.3	80.3	82.0	71.0	67.0	64.0
BAR PP 110358	KB	88.0	91.0	88.7	81.7	85.0	60.3	82.0	75.3	70.0	69.3
DAUNTLESS	KB	88.0	83.0	82.3	74.3	83.7	82.7	81.0	72.0	66.3	61.7
MIDNIGHT	KB	76.7	85.0	87.7	80.3	85.3	80.0	81.3	73.7	70.0	67.0
NAI-13-132	KB	82.3	85.7	89.3	81.0	84.3	77.3	80.3	71.0	66.7	61.7
PST-K13-137	KB	84.0	86.7	87.7	76.3	84.3	77.3	82.7	71.3	66.0	60.0
EVEREST	KB	83.3	88.3	91.3	86.0	88.3	81.3	85.3	77.0	68.7	67.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		70.7	68.0	72.7	43.7	43.0	50.7	44.3	35.3	38.0	35.0
PST-K15-169	KB	87.3	81.7	84.3	73.3	76.0	71.7	68.3	54.0	51.0	47.3
BARRARI	KB	88.7	88.0	84.3	77.7	74.3	72.7	67.3	60.7	57.0	50.7
LSD VALUE		8.7	8.6	6.8	8.5	6.4	27.2	5.7	7.4	8.0	9.1
C.V. (%)		6.1	6.0	4.4	6.8	5.1	13.1	4.8	6.6	7.4	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.

TABLE 14A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 75% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2018 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN	QUALITY RATINGS DURING DRY DOWN								
		8/13	8/20	8/27	9/3	6/4	6/11	6/18	6/25	7/2	7/9
NONET	TF	72.0	74.0	90.7	95.0	9.0	9.0	7.3	7.7	7.7	7.3
RS4	TF	78.3	79.0	95.3	97.7	9.0	9.0	7.3	7.0	8.0	7.3
DLFPS 321/3679	TF	69.0	70.0	90.3	94.0	9.0	8.7	7.7	7.7	8.0	7.3
PST-5SDS	TF	75.7	75.7	90.0	94.7	9.0	9.0	6.7	7.0	7.7	7.0
THUNDERSTRUCK	TF	67.3	67.7	86.7	90.0	9.0	9.0	7.3	7.3	8.0	8.0
TITANIUM 2LS	TF	77.3	80.7	93.3	96.0	9.0	9.0	7.0	7.3	7.3	7.0
BAR FA 121095	TF	65.3	65.3	80.0	88.7	9.0	9.0	7.7	8.0	8.0	7.3
BARROBUSTO	TF	72.3	74.7	90.7	94.7	9.0	9.0	7.3	7.3	8.0	7.3
DLFPS 321/3678	TF	71.7	69.7	88.7	93.3	9.0	9.0	7.0	7.0	8.0	7.0
GO-AOMK	TF	66.7	69.0	87.0	91.0	9.0	9.0	6.7	8.0	8.0	7.3
STETSON II	TF	71.0	72.7	93.0	95.3	9.0	8.7	7.3	7.3	8.0	7.3
THOR	TF	71.7	71.0	91.7	95.0	9.0	9.0	7.0	7.3	8.0	7.0
DLFPS 321/3677	TF	70.7	73.0	92.0	95.0	9.0	9.0	7.3	6.7	7.7	7.0
CATALYST	TF	74.7	75.3	90.3	94.3	9.0	9.0	6.7	6.7	7.3	7.3
LTP-SYN-A3	TF	75.0	74.7	89.0	94.7	9.0	9.0	6.3	7.0	7.3	7.0
SUPERSONIC	TF	73.0	73.7	91.3	95.3	9.0	9.0	6.3	6.7	7.7	6.3
MRSL TF15	TF	71.7	71.3	88.0	92.3	9.0	9.0	7.3	7.0	7.3	7.0
KINGDOM	TF	65.0	65.3	79.7	89.0	9.0	9.0	7.0	7.3	7.7	6.3
PST-R511	TF	67.7	71.3	89.0	95.0	9.0	8.7	6.7	6.3	7.3	7.0
PST-K11-118	KB	69.0	69.3	72.3	86.0	9.0	8.7	7.0	7.0	7.0	6.7
PST-K13-143	KB	59.7	59.3	62.7	74.3	9.0	7.7	7.0	7.3	8.0	7.3
BLUE NOTE	KB	60.7	62.0	63.0	78.7	9.0	8.7	7.3	6.7	7.0	7.0
BLUE DEVIL	KB	55.7	55.7	69.7	78.7	9.0	8.7	7.3	8.0	7.7	6.3
PST-K13-141	KB	60.7	62.0	76.3	84.7	9.0	8.7	6.0	7.3	7.3	6.7
BABE	KB	52.7	55.0	69.3	81.3	9.0	8.7	6.7	7.0	7.0	6.7
NAI-13-14	KB	57.7	58.0	78.7	85.0	8.3	7.7	7.3	7.7	7.3	7.0
BAR PP 110358	KB	65.3	66.0	78.3	87.3	8.3	7.3	6.7	6.7	6.3	6.7
DAUNTLESS	KB	56.3	57.3	63.0	73.3	9.0	9.0	6.7	6.7	7.0	6.0
MIDNIGHT	KB	61.7	63.7	80.3	86.3	7.7	7.7	7.3	7.7	7.0	7.0
NAI-13-132	KB	57.0	55.3	70.7	81.3	9.0	8.7	6.7	7.3	7.0	7.3
PST-K13-137	KB	54.0	54.7	70.7	76.3	9.0	8.3	7.0	7.7	7.0	6.7
EVEREST	KB	62.0	62.3	72.0	80.7	7.7	8.0	6.3	7.3	7.0	6.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		36.3	46.7	82.0	90.7	8.3	9.0	6.0	6.0	5.7	4.7
PST-K15-169	KB	42.7	46.0	77.0	84.3	9.0	8.3	7.0	7.0	7.3	6.3
BARRARI	KB	49.3	49.7	63.0	74.3	9.0	8.7	6.3	6.0	6.3	6.0
LSD VALUE		7.9	7.4	8.8	5.9	0.9	1.6	2.2	1.4	0.8	1.3
C.V. (%)		8.1	7.4	7.1	4.4	4.8	7.4	10.3	9.0	6.2	9.7

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 14A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 75% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2018 DATA

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

		QUALITY RATINGS DURING DRY DOWN									MEAN
NAME		7/16	7/23	7/30	8/6	8/13	8/20	8/27	9/3	9/10	
NONET	TF	6.7	6.0	6.7	6.3	6.0	6.0	6.3	6.3	6.7	7.0
RS4	TF	6.7	6.0	6.7	6.3	6.0	6.0	7.0	6.7	6.3	7.0
DLFPS 321/3679	TF	6.3	6.0	6.7	5.7	5.7	6.0	6.7	6.0	5.7	6.9
PST-5SDS	TF	7.0	6.0	6.7	6.0	6.3	6.0	6.7	6.3	5.7	6.9
THUNDERSTRUCK	TF	6.7	6.3	6.3	6.0	5.7	6.0	6.3	5.7	5.7	6.9
TITANIUM 2LS	TF	6.7	6.0	6.3	6.0	6.0	6.0	7.0	6.7	5.7	6.9
BAR FA 121095	TF	6.7	6.0	6.3	5.7	5.7	5.7	6.0	5.3	5.3	6.8
BARROBUSTO	TF	6.3	6.0	6.7	5.7	5.7	5.3	6.3	6.0	6.0	6.8
DLFPS 321/3678	TF	6.3	6.3	6.7	6.3	6.0	6.3	6.0	6.0	5.7	6.8
GO-AOMK	TF	6.0	6.0	6.7	6.3	5.7	5.7	6.0	5.7	6.3	6.8
STETSON II	TF	6.7	5.7	6.7	5.7	5.7	6.3	6.3	6.0	6.0	6.8
THOR	TF	7.0	6.3	6.7	5.7	5.7	5.3	6.3	6.0	5.7	6.8
DLFPS 321/3677	TF	6.7	6.0	6.3	5.3	6.0	5.7	6.3	6.0	6.0	6.7
CATALYST	TF	6.0	5.7	6.3	5.7	6.0	5.7	6.3	6.0	5.7	6.6
LTP-SYN-A3	TF	6.3	6.0	5.7	6.0	6.0	5.3	6.3	6.0	6.0	6.6
SUPERSONIC	TF	6.0	5.7	6.0	5.7	5.7	5.7	6.0	6.3	6.3	6.6
MRSI TF15	TF	6.0	5.7	5.7	5.3	6.0	5.3	6.0	5.3	5.3	6.5
KINGDOM	TF	5.7	5.7	6.0	5.0	5.7	5.7	6.0	5.3	4.7	6.4
PST-R511	TF	6.0	5.3	6.0	5.7	5.3	5.3	6.0	5.7	5.7	6.4
PST-K11-118	KB	6.0	6.0	6.3	6.0	5.0	4.3	4.7	5.0	4.7	6.2
PST-K13-143	KB	6.0	6.0	6.0	6.0	4.3	5.3	4.3	4.0	4.7	6.2
BLUE NOTE	KB	5.7	6.0	5.7	5.3	5.0	4.0	5.0	4.7	4.3	6.1
BLUE DEVIL	KB	6.0	5.3	5.0	5.3	4.0	3.7	4.3	4.7	4.3	6.0
PST-K13-141	KB	5.3	5.7	5.3	5.0	5.0	5.0	5.0	4.3	4.7	6.0
BABE	KB	5.3	5.3	5.0	5.0	4.3	4.7	4.7	4.3	5.0	5.9
NAI-13-14	KB	5.7	5.3	5.0	5.3	4.0	4.0	4.0	5.0	4.7	5.9
BAR PP 110358	KB	5.3	5.3	5.3	5.3	5.0	4.3	4.3	5.0	4.3	5.8
DAUNTLESS	KB	5.3	6.0	5.3	4.7	4.0	4.0	4.3	4.7	4.3	5.8
MIDNIGHT	KB	5.7	5.7	5.0	5.3	4.3	4.0	3.7	4.7	4.3	5.8
NAI-13-132	KB	5.7	5.7	5.0	5.0	3.0	3.7	3.7	4.3	4.0	5.7
PST-K13-137	KB	6.0	5.3	6.0	5.3	3.7	3.3	3.0	4.0	3.7	5.7
EVEREST	KB	5.3	5.0	5.0	5.3	4.0	3.7	4.0	4.3	4.3	5.6
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.3	4.7	4.3	4.3	4.0	4.0	4.7	5.0	5.3	5.4
PST-K15-169	KB	5.3	4.0	4.3	4.0	3.3	3.0	3.3	4.0	3.3	5.3
BARRARI	KB	4.3	4.3	4.7	4.3	3.3	3.3	4.0	4.0	4.0	5.2
LSD VALUE		1.1	0.9	1.3	0.9	0.8	1.0	1.0	1.0	1.0	0.5
C.V. (%)		10.4	9.0	12.5	9.7	10.9	13.0	12.3	11.6	11.7	5.0

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

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

TABLE 14B.

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 75% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2018 DATA

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

		PERCENT GREEN COVER DURING DRY DOWN									
NAME		6/4	6/11	6/18	6/25	7/2	7/9	7/16	7/23	7/30	8/6
PST-K11-118	KB	90.0	88.3	87.0	80.7	89.7	70.3	87.0	79.7	77.7	73.3
PST-K13-143	KB	86.3	82.0	83.7	75.7	84.3	78.0	82.3	71.3	68.7	66.3
BLUE NOTE	KB	86.0	92.3	90.0	85.7	88.7	80.3	84.3	76.7	71.3	67.7
BLUE DEVIL	KB	83.0	85.7	87.0	81.0	84.0	79.3	81.3	70.7	67.0	62.7
PST-K13-141	KB	85.7	81.7	81.0	73.3	80.7	81.7	78.3	69.3	65.3	64.0
BABE	KB	85.0	85.0	85.3	77.3	82.3	84.0	79.3	67.0	61.7	58.0
NAI-13-14	KB	82.0	89.0	91.7	81.3	85.3	80.3	82.0	71.0	67.0	64.0
BAR PP 110358	KB	88.0	91.0	88.7	81.7	85.0	60.3	82.0	75.3	70.0	69.3
DAUNTLESS	KB	88.0	83.0	82.3	74.3	83.7	82.7	81.0	72.0	66.3	61.7
MIDNIGHT	KB	76.7	85.0	87.7	80.3	85.3	80.0	81.3	73.7	70.0	67.0
NAI-13-132	KB	82.3	85.7	89.3	81.0	84.3	77.3	80.3	71.0	66.7	61.7
PST-K13-137	KB	84.0	86.7	87.7	76.3	84.3	77.3	82.7	71.3	66.0	60.0
EVEREST	KB	83.3	88.3	91.3	86.0	88.3	81.3	85.3	77.0	68.7	67.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		70.7	68.0	72.7	43.7	43.0	50.7	44.3	35.3	38.0	35.0
PST-K15-169	KB	87.3	81.7	84.3	73.3	76.0	71.7	68.3	54.0	51.0	47.3
BARRARI	KB	88.7	88.0	84.3	77.7	74.3	72.7	67.3	60.7	57.0	50.7
LSD VALUE		10.2	6.1	5.4	7.4	5.0	34.3	4.7	5.8	8.3	8.9
C.V. (%)		6.2	4.4	3.8	6.2	4.1	17.7	4.0	5.6	8.2	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 14B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 75% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2018 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN				QUALITY RATINGS DURING DRY DOWN						
		8/13	8/20	8/27	9/3	6/4	6/11	6/18	6/25	7/2	7/9	
PST-K11-118	KB	69.0	69.3	72.3	86.0	9.0	8.7	7.0	7.0	7.0	6.7	
PST-K13-143	KB	59.7	59.3	62.7	74.3	9.0	7.7	7.0	7.3	8.0	7.3	
BLUE NOTE	KB	60.7	62.0	63.0	78.7	9.0	8.7	7.3	6.7	7.0	7.0	
BLUE DEVIL	KB	55.7	55.7	69.7	78.7	9.0	8.7	7.3	8.0	7.7	6.3	
PST-K13-141	KB	60.7	62.0	76.3	84.7	9.0	8.7	6.0	7.3	7.3	6.7	
BABE	KB	52.7	55.0	69.3	81.3	9.0	8.7	6.7	7.0	7.0	6.7	
NAI-13-14	KB	57.7	58.0	78.7	85.0	8.3	7.7	7.3	7.7	7.3	7.0	
BAR PP 110358	KB	65.3	66.0	78.3	87.3	8.3	7.3	6.7	6.7	6.3	6.7	
DAUNTLESS	KB	56.3	57.3	63.0	73.3	9.0	9.0	6.7	6.7	7.0	6.0	
MIDNIGHT	KB	61.7	63.7	80.3	86.3	7.7	7.7	7.3	7.7	7.0	7.0	
NAI-13-132	KB	57.0	55.3	70.7	81.3	9.0	8.7	6.7	7.3	7.0	7.3	
PST-K13-137	KB	54.0	54.7	70.7	76.3	9.0	8.3	7.0	7.7	7.0	6.7	
EVEREST	KB	62.0	62.3	72.0	80.7	7.7	8.0	6.3	7.3	7.0	6.0	
SR 4650 (P.RYEGRASS STANDARD ENTRY)		36.3	46.7	82.0	90.7	8.3	9.0	6.0	6.0	5.7	4.7	
PST-K15-169	KB	42.7	46.0	77.0	84.3	9.0	8.3	7.0	7.0	7.3	6.3	
BARRARI	KB	49.3	49.7	63.0	74.3	9.0	8.7	6.3	6.0	6.3	6.0	
LSD VALUE		7.4	8.1	13.4	9.1	1.4	2.4	2.4	1.1	1.0	1.5	
C.V. (%)		8.3	8.4	9.6	6.1	7.0	10.5	12.2	8.4	7.8	11.2	

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

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

TABLE 14B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 75% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2018 DATA

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

		QUALITY RATINGS DURING DRY DOWN									
NAME		7/16	7/23	7/30	8/6	8/13	8/20	8/27	9/3	9/10	MEAN
PST-K11-118	KB	6.0	6.0	6.3	6.0	5.0	4.3	4.7	5.0	4.7	6.2
PST-K13-143	KB	6.0	6.0	6.0	6.0	4.3	5.3	4.3	4.0	4.7	6.2
BLUE NOTE	KB	5.7	6.0	5.7	5.3	5.0	4.0	5.0	4.7	4.3	6.1
BLUE DEVIL	KB	6.0	5.3	5.0	5.3	4.0	3.7	4.3	4.7	4.3	6.0
PST-K13-141	KB	5.3	5.7	5.3	5.0	5.0	5.0	5.0	4.3	4.7	6.0
BABE	KB	5.3	5.3	5.0	5.0	4.3	4.7	4.7	4.3	5.0	5.9
NAI-13-14	KB	5.7	5.3	5.0	5.3	4.0	4.0	4.0	5.0	4.7	5.9
BAR PP 110358	KB	5.3	5.3	5.3	5.3	5.0	4.3	4.3	5.0	4.3	5.8
DAUNTLESS	KB	5.3	6.0	5.3	4.7	4.0	4.0	4.3	4.7	4.3	5.8
MIDNIGHT	KB	5.7	5.7	5.0	5.3	4.3	4.0	3.7	4.7	4.3	5.8
NAI-13-132	KB	5.7	5.7	5.0	5.0	3.0	3.7	3.7	4.3	4.0	5.7
PST-K13-137	KB	6.0	5.3	6.0	5.3	3.7	3.3	3.0	4.0	3.7	5.7
EVEREST	KB	5.3	5.0	5.0	5.3	4.0	3.7	4.0	4.3	4.3	5.6
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.3	4.7	4.3	4.3	4.0	4.0	4.7	5.0	5.3	5.4
PST-K15-169	KB	5.3	4.0	4.3	4.0	3.3	3.0	3.3	4.0	3.3	5.3
BARRARI	KB	4.3	4.3	4.7	4.3	3.3	3.3	4.0	4.0	4.0	5.2
LSD VALUE		1.0	0.8	1.2	0.8	1.3	1.2	1.7	1.8	1.4	0.7
C.V. (%)		9.9	8.7	11.4	9.4	15.9	15.2	17.6	14.2	14.3	5.7

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

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

TABLE 14C.

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 75% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2018 DATA

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

		PERCENT GREEN COVER DURING DRY DOWN									
NAME		6/4	6/11	6/18	6/25	7/2	7/9	7/16	7/23	7/30	8/6
NONET	TF	79.7	80.0	83.3	77.7	83.0	80.3	80.7	77.0	74.7	74.0
RS4	TF	72.3	84.0	88.3	83.7	89.0	86.3	86.7	83.7	81.0	80.3
DLFPS 321/3679	TF	77.0	79.3	83.0	76.3	83.7	80.3	81.0	74.3	71.7	69.7
PST-5SDS	TF	78.0	82.7	86.0	81.0	86.3	78.7	84.0	80.3	76.7	77.7
THUNDERSTRUCK	TF	82.0	78.3	82.3	74.7	83.3	81.3	81.7	76.0	70.3	67.0
TITANIUM 2LS	TF	80.7	82.3	84.7	79.3	86.7	83.3	85.3	81.7	79.7	76.3
BAR FA 121095	TF	75.0	80.0	85.3	78.3	85.0	80.7	83.0	77.7	71.0	69.7
BARROBUSTO	TF	79.7	80.7	86.7	81.7	84.0	81.0	81.7	78.3	74.0	78.7
DLFPS 321/3678	TF	77.7	75.0	84.3	75.0	85.0	82.7	83.0	79.0	75.0	73.0
GO-AOMK	TF	77.0	73.7	80.0	71.7	79.0	77.0	78.0	72.7	69.0	69.0
STETSON II	TF	77.7	76.7	81.3	72.0	82.3	67.0	79.3	72.3	70.7	69.3
THOR	TF	74.7	79.3	84.3	76.3	84.3	79.7	83.7	79.0	76.3	73.0
DLFPS 321/3677	TF	75.0	81.3	85.0	79.7	87.0	82.0	84.3	77.7	73.7	72.3
CATALYST	TF	77.3	78.0	83.7	78.7	85.3	81.0	85.3	80.0	75.3	77.0
LTP-SYN-A3	TF	76.7	78.0	82.0	75.3	84.3	80.7	83.3	80.3	75.7	75.7
SUPERSONIC	TF	77.0	79.0	83.0	78.3	84.0	80.3	81.3	75.7	72.0	74.0
MRS� TF15	TF	77.0	76.0	81.3	74.3	83.0	80.3	80.7	75.3	74.0	73.3
KINGDOM	TF	77.3	75.0	79.7	72.3	75.3	70.0	72.0	68.0	66.0	64.7
PST-R511	TF	74.7	79.3	84.3	75.7	82.7	77.7	80.0	74.3	69.7	68.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		70.7	68.0	72.7	43.7	43.0	50.7	44.3	35.3	38.0	35.0
LSD VALUE		12.6	7.1	5.0	6.9	6.4	15.0	5.8	6.9	6.6	8.5
C.V. (%)		5.7	4.8	3.5	5.9	5.2	10.2	4.8	6.0	6.0	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 14C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 75% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2018 DATA

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

		PERCENT GREEN COVER DURING DRY DOWN				QUALITY RATINGS DURING DRY DOWN					
NAME		8/13	8/20	8/27	9/3	6/4	6/11	6/18	6/25	7/2	7/9
NONET	TF	72.0	74.0	90.7	95.0	9.0	9.0	7.3	7.7	7.7	7.3
RS4	TF	78.3	79.0	95.3	97.7	9.0	9.0	7.3	7.0	8.0	7.3
DLFPS 321/3679	TF	69.0	70.0	90.3	94.0	9.0	8.7	7.7	7.7	8.0	7.3
PST-5SDS	TF	75.7	75.7	90.0	94.7	9.0	9.0	6.7	7.0	7.7	7.0
THUNDERSTRUCK	TF	67.3	67.7	86.7	90.0	9.0	9.0	7.3	7.3	8.0	8.0
TITANIUM 2LS	TF	77.3	80.7	93.3	96.0	9.0	9.0	7.0	7.3	7.3	7.0
BAR FA 121095	TF	65.3	65.3	80.0	88.7	9.0	9.0	7.7	8.0	8.0	7.3
BARROBUSTO	TF	72.3	74.7	90.7	94.7	9.0	9.0	7.3	7.3	8.0	7.3
DLFPS 321/3678	TF	71.7	69.7	88.7	93.3	9.0	9.0	7.0	7.0	8.0	7.0
GO-AOMK	TF	66.7	69.0	87.0	91.0	9.0	9.0	6.7	8.0	8.0	7.3
STETSON II	TF	71.0	72.7	93.0	95.3	9.0	8.7	7.3	7.3	8.0	7.3
THOR	TF	71.7	71.0	91.7	95.0	9.0	9.0	7.0	7.3	8.0	7.0
DLFPS 321/3677	TF	70.7	73.0	92.0	95.0	9.0	9.0	7.3	6.7	7.7	7.0
CATALYST	TF	74.7	75.3	90.3	94.3	9.0	9.0	6.7	6.7	7.3	7.3
LTP-SYN-A3	TF	75.0	74.7	89.0	94.7	9.0	9.0	6.3	7.0	7.3	7.0
SUPERSONIC	TF	73.0	73.7	91.3	95.3	9.0	9.0	6.3	6.7	7.7	6.3
MRS� TF15	TF	71.7	71.3	88.0	92.3	9.0	9.0	7.3	7.0	7.3	7.0
KINGDOM	TF	65.0	65.3	79.7	89.0	9.0	9.0	7.0	7.3	7.7	6.3
PST-R511	TF	67.7	71.3	89.0	95.0	9.0	8.7	6.7	6.3	7.3	7.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		36.3	46.7	82.0	90.7	8.3	9.0	6.0	6.0	5.7	4.7
LSD VALUE		7.8	6.8	8.3	5.6	0.8	0.7	1.3	1.1	0.6	1.1
C.V. (%)		7.2	6.0	4.9	3.0	2.9	2.5	8.4	7.7	5.2	8.9

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

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

TABLE 14C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 75% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2018 DATA

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

		QUALITY RATINGS DURING DRY DOWN									MEAN
NAME		7/16	7/23	7/30	8/6	8/13	8/20	8/27	9/3	9/10	
NONET	TF	6.7	6.0	6.7	6.3	6.0	6.0	6.3	6.3	6.7	7.0
RS4	TF	6.7	6.0	6.7	6.3	6.0	6.0	7.0	6.7	6.3	7.0
DLFPS 321/3679	TF	6.3	6.0	6.7	5.7	5.7	6.0	6.7	6.0	5.7	6.9
PST-5SDS	TF	7.0	6.0	6.7	6.0	6.3	6.0	6.7	6.3	5.7	6.9
THUNDERSTRUCK	TF	6.7	6.3	6.3	6.0	5.7	6.0	6.3	5.7	5.7	6.9
TITANIUM 2LS	TF	6.7	6.0	6.3	6.0	6.0	6.0	7.0	6.7	5.7	6.9
BAR FA 121095	TF	6.7	6.0	6.3	5.7	5.7	5.7	6.0	5.3	5.3	6.8
BARROBUSTO	TF	6.3	6.0	6.7	5.7	5.7	5.3	6.3	6.0	6.0	6.8
DLFPS 321/3678	TF	6.3	6.3	6.7	6.3	6.0	6.3	6.0	6.0	5.7	6.8
GO-AOMK	TF	6.0	6.0	6.7	6.3	5.7	5.7	6.0	5.7	6.3	6.8
STETSON II	TF	6.7	5.7	6.7	5.7	5.7	6.3	6.3	6.0	6.0	6.8
THOR	TF	7.0	6.3	6.7	5.7	5.7	5.3	6.3	6.0	5.7	6.8
DLFPS 321/3677	TF	6.7	6.0	6.3	5.3	6.0	5.7	6.3	6.0	6.0	6.7
CATALYST	TF	6.0	5.7	6.3	5.7	6.0	5.7	6.3	6.0	5.7	6.6
LTP-SYN-A3	TF	6.3	6.0	5.7	6.0	6.0	5.3	6.3	6.0	6.0	6.6
SUPERSONIC	TF	6.0	5.7	6.0	5.7	5.7	5.7	6.0	6.3	6.3	6.6
MRL TF15	TF	6.0	5.7	5.7	5.3	6.0	5.3	6.0	5.3	5.3	6.5
KINGDOM	TF	5.7	5.7	6.0	5.0	5.7	5.7	6.0	5.3	4.7	6.4
PST-R511	TF	6.0	5.3	6.0	5.7	5.3	5.3	6.0	5.7	5.7	6.4
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.3	4.7	4.3	4.3	4.0	4.0	4.7	5.0	5.3	5.4
LSD VALUE		0.9	1.1	1.4	1.0	0.8	1.5	1.2	1.2	0.9	0.4
C.V. (%)		8.4	8.5	10.7	8.8	8.0	11.5	9.3	9.3	8.0	4.0

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

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

TABLE 15A.

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

NAME		GENETIC COLOR	PERCENT PREDROUGHT COVER						PREDROUGHT QUALITY RATINGS					
			11/3	12/4	2/20	3/23	4/23	5/31	11/3	12/4	2/20	3/23	4/23	5/31
PST-K11-118	KB	4.7	95.0	98.3	61.0	90.7	91.3	96.7	8.0	7.7	4.0	7.7	6.3	7.0
BARRARI	KB	4.7	90.7	96.0	49.3	84.0	89.0	97.7	6.7	7.0	3.3	5.7	6.3	7.3
EVEREST	KB	7.0	93.7	97.0	56.3	75.0	79.3	95.3	7.3	8.3	3.3	6.3	6.3	8.3
BLUE NOTE	KB	5.7	93.7	95.0	41.7	85.3	90.3	98.0	7.0	7.0	3.0	6.3	7.0	7.7
RS4	TF	6.0	92.0	94.3	66.3	93.0	83.3	97.3	6.3	7.7	4.3	7.0	6.3	7.0
NAI-13-132	KB	7.0	93.0	94.7	50.0	63.3	77.7	95.0	6.0	7.0	3.0	5.7	5.3	8.3
BAR PP 110358	KB	6.0	79.3	90.7	58.3	81.7	83.7	89.7	4.7	5.7	3.0	4.3	4.7	5.7
BLUE DEVIL	KB	6.7	85.3	92.0	49.3	71.7	87.7	92.0	6.3	7.7	2.7	5.7	7.3	7.3
NAI-13-14	KB	6.7	94.3	97.3	49.7	73.7	77.3	94.3	7.3	8.7	4.3	6.3	6.0	8.0
THUNDERSTRUCK	TF	6.3	89.7	92.0	58.3	88.3	89.3	97.0	6.0	7.0	4.3	7.7	7.7	6.7
PST-K13-143	KB	6.0	88.0	95.0	62.3	76.0	81.0	90.3	5.0	6.3	4.0	5.0	4.7	6.7
PST-R511	TF	5.3	92.7	96.3	74.7	85.7	82.7	93.7	5.0	7.3	4.7	6.3	6.3	6.0
STETSON II	TF	6.0	91.0	94.0	63.3	86.3	87.7	92.0	5.7	7.3	4.3	7.0	7.3	6.3
SUPERSONIC	TF	6.3	89.7	94.3	65.0	86.3	84.3	94.0	6.0	7.7	4.0	7.3	6.3	6.0
GO-AOMK	TF	6.7	86.3	91.3	61.7	83.3	85.3	92.7	5.0	5.7	4.0	6.7	5.7	6.0
LTP-SYN-A3	TF	4.3	91.0	92.7	65.7	90.0	85.7	85.7	5.3	7.0	4.3	7.0	7.0	6.0
BABE	KB	5.3	86.3	94.3	55.7	83.3	82.7	94.3	6.0	6.0	3.7	5.0	5.3	6.3
DAUNTLESS	KB	5.7	83.0	93.0	47.0	82.0	86.3	97.3	5.3	5.7	3.0	5.3	5.3	7.3
PST-K15-169	KB	6.3	89.7	95.0	43.0	76.0	81.0	95.7	6.0	6.7	2.7	4.7	5.3	8.3
TITANIUM 2LS	TF	6.0	91.0	92.3	70.3	86.3	86.7	92.7	5.3	7.0	4.3	6.7	7.0	6.3
DLFPS 321/3678	TF	4.0	92.0	92.3	61.3	86.3	76.7	78.0	5.3	6.7	4.0	6.7	6.7	5.7
KINGDOM	TF	6.0	77.7	86.0	60.3	82.0	82.7	86.3	4.0	5.0	3.3	5.0	4.7	5.0
BAR FA 121095	TF	5.7	87.3	89.0	47.0	77.0	82.0	86.3	5.7	6.0	3.3	5.7	5.3	6.0
DLFPS 321/3679	TF	4.0	87.0	87.7	56.7	82.0	65.7	81.7	7.0	7.0	4.0	6.3	5.0	4.7
MRSI TF15	TF	6.0	91.3	94.0	58.7	87.7	84.3	91.7	6.3	7.3	4.7	6.3	7.0	6.3
PST-K13-137	KB	7.0	90.0	90.3	45.0	77.7	81.3	93.7	5.0	5.7	3.0	5.7	6.3	7.3
PST-K13-141	KB	6.3	88.3	95.3	61.0	82.0	80.7	96.0	5.7	6.0	3.3	5.0	5.7	6.7
NONET	TF	5.7	84.0	90.3	61.0	87.0	88.7	94.7	5.0	5.3	3.7	6.0	5.7	6.3
CATALYST	TF	4.0	68.3	78.3	61.0	79.3	85.0	77.3	4.7	4.7	3.0	5.0	4.3	4.0
DLFPS 321/3677	TF	4.3	78.3	84.3	60.0	72.3	79.3	75.7	3.7	5.3	3.3	4.7	4.7	4.3
PST-5SDS	TF	6.0	87.7	92.7	62.0	88.0	87.0	94.3	5.0	5.7	3.3	6.3	5.0	5.3
BARROBUSTO	TF	4.7	92.7	93.0	66.0	87.3	89.0	86.0	5.3	5.7	4.0	6.0	6.0	5.3
MIDNIGHT	KB	5.3	79.0	89.3	56.0	64.3	76.0	76.0	4.7	5.3	2.7	4.3	4.0	4.7
THOR	TF	5.0	86.3	95.0	70.0	81.0	80.7	77.7	4.7	5.7	3.3	4.7	5.7	5.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.7	67.7	71.0	53.3	79.3	76.0	72.0	4.0	5.0	2.3	5.0	3.7	5.0
LSD VALUE		4.0	35.9	26.6	14.9	22.3	27.5	38.5	4.7	4.8	2.4	4.5	4.1	2.4
C.V. (%)		24.5	12.8	9.4	14.1	11.4	10.4	13.6	28.0	24.8	25.4	25.4	25.8	19.8

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

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

TABLE 15A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

		PERCENT GREEN COVER DURING DRY DOWN								
NAME		6/7	6/14	6/21	6/28	7/5	7/14	7/19	7/26	8/2
PST-K11-118	KB	93.3	92.7	87.7	65.0	45.0	42.0	64.3	63.3	73.0
BARRARI	KB	91.0	81.0	78.0	52.0	18.7	25.0	56.7	40.3	58.7
EVEREST	KB	91.0	88.3	86.0	71.3	40.3	39.3	56.3	62.3	61.3
BLUE NOTE	KB	96.3	95.0	90.7	67.3	36.3	35.7	53.3	58.0	68.3
RS4	TF	96.7	95.3	83.3	66.3	47.0	45.0	44.0	44.3	54.3
NAI-13-132	KB	92.3	89.7	87.0	69.7	44.0	37.0	64.0	69.3	68.0
BAR PP 110358	KB	60.3	54.0	70.3	50.3	24.0	48.3	85.3	80.3	74.3
BLUE DEVIL	KB	75.3	66.0	72.3	45.0	35.0	40.0	64.3	45.3	47.0
NAI-13-14	KB	89.0	79.3	69.7	47.3	25.0	25.0	46.7	51.0	49.3
THUNDERSTRUCK	TF	94.3	92.0	84.0	67.0	29.3	29.3	39.3	35.7	38.3
PST-K13-143	KB	69.3	59.7	71.3	36.3	12.7	30.0	68.7	50.7	58.7
PST-R511	TF	85.0	82.0	80.3	65.0	24.3	35.3	57.0	52.7	52.7
STETSON II	TF	72.3	58.3	60.7	45.3	25.0	29.7	53.0	54.0	59.0
SUPERSONIC	TF	81.7	77.3	78.3	60.3	40.7	38.0	51.3	53.0	56.3
GO-AOMK	TF	87.7	83.0	78.0	58.7	37.7	40.7	48.0	38.3	45.0
LTP-SYN-A3	TF	62.0	60.3	69.7	48.0	22.0	32.7	49.3	52.0	60.3
BABE	KB	69.3	62.3	70.7	50.7	21.3	28.3	57.0	42.0	44.3
DAUNTLESS	KB	86.7	82.7	76.0	32.7	6.3	8.3	36.7	35.0	47.3
PST-K15-169	KB	86.7	74.7	68.0	32.7	8.7	14.7	43.3	40.0	40.0
TITANIUM 2LS	TF	85.7	77.7	71.7	49.0	17.7	25.0	44.0	42.3	51.7
DLFPS 321/3678	TF	62.0	62.0	60.0	34.7	16.0	25.0	45.3	39.7	45.3
KINGDOM	TF	67.0	60.0	62.3	48.3	13.7	33.0	70.3	62.3	60.0
BAR FA 121095	TF	49.3	46.7	57.3	28.7	4.3	25.0	53.0	53.0	58.3
DLFPS 321/3679	TF	65.0	64.7	74.0	52.7	18.3	21.7	39.0	43.3	50.0
MRSI TF15	TF	75.0	66.7	58.0	23.7	3.3	11.0	38.0	30.3	31.7
PST-K13-137	KB	80.3	62.3	54.3	22.0	3.0	5.0	37.3	38.3	38.7
PST-K13-141	KB	80.7	61.0	57.3	37.0	21.7	24.7	53.3	37.3	38.7
NONET	TF	84.0	76.0	61.0	38.0	13.7	26.7	54.0	46.0	47.0
CATALYST	TF	52.7	51.3	61.7	46.3	23.0	32.3	46.3	42.7	46.3
DLFPS 321/3677	TF	47.3	41.0	46.3	34.7	19.3	26.7	47.3	42.7	49.0
PST-5SDS	TF	69.7	57.7	53.3	20.7	4.7	13.7	37.0	33.0	31.7
BARROBUSTO	TF	66.0	55.3	43.7	25.0	10.3	16.0	43.0	32.0	34.3
MIDNIGHT	KB	35.7	25.3	48.7	32.3	10.0	29.7	81.0	48.3	46.3
THOR	TF	61.3	57.7	51.3	22.0	3.3	8.7	33.3	35.0	26.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		41.7	37.7	49.3	40.7	24.0	33.7	39.3	27.3	28.7
LSD VALUE		82.7	100.7	74.1	89.1	79.9	78.4	65.1	70.6	86.1
C.V. (%)		35.8	43.8	32.8	58.1	107.4	73.8	39.9	44.4	46.5

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 15A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

		PERCENT GREEN COVER DURING DRY DOWN							
NAME		8/9	8/16	8/23	8/30	9/6	9/13	9/21	9/27
PST-K11-118	KB	60.7	53.3	74.7	94.3	86.3	90.3	58.3	56.7
BARRARI	KB	39.7	32.7	60.7	81.0	74.3	79.7	47.0	50.0
EVEREST	KB	46.0	30.7	55.3	84.3	79.3	77.0	58.0	56.7
BLUE NOTE	KB	47.3	35.7	58.0	82.3	85.3	82.3	65.3	68.0
RS4	TF	43.3	35.3	50.3	69.0	67.3	72.7	66.7	71.7
NAI-13-132	KB	46.7	38.7	53.0	72.0	68.7	67.3	48.0	48.3
BAR PP 110358	KB	61.3	64.3	76.3	83.3	82.7	81.7	65.0	69.3
BLUE DEVIL	KB	45.0	47.7	64.7	81.0	65.7	76.3	49.0	53.7
NAI-13-14	KB	43.0	33.7	47.3	64.0	81.0	62.0	55.3	57.0
THUNDERSTRUCK	TF	28.0	18.0	41.3	66.7	57.7	61.7	53.0	53.7
PST-K13-143	KB	45.3	49.3	69.0	82.3	78.3	71.3	49.3	58.0
PST-R511	TF	40.7	36.3	50.7	68.7	57.3	63.7	58.0	62.0
STETSON II	TF	48.3	44.0	56.3	65.3	62.3	65.0	62.3	64.3
SUPERSONIC	TF	38.0	27.7	47.3	72.7	64.3	71.3	71.0	69.7
GO-AOMK	TF	41.3	37.7	60.3	72.7	69.0	73.7	71.7	72.7
LTP-SYN-A3	TF	49.0	48.3	64.3	79.0	75.3	80.7	75.3	78.7
BABE	KB	24.7	25.0	47.0	72.0	71.7	71.3	56.7	59.3
DAUNTLESS	KB	16.7	14.0	38.0	61.7	51.0	54.0	37.0	41.7
PST-K15-169	KB	29.3	34.7	63.7	58.3	70.7	63.7	44.3	46.3
TITANIUM 2LS	TF	41.7	35.7	53.0	65.7	65.7	70.3	69.3	71.7
DLFPS 321/3678	TF	29.3	26.7	43.0	62.0	64.7	75.7	67.3	64.3
KINGDOM	TF	48.3	44.3	62.3	78.3	74.3	77.0	72.7	76.3
BAR FA 121095	TF	42.0	37.3	59.3	72.3	72.3	74.3	73.0	75.7
DLFPS 321/3679	TF	30.0	14.3	32.7	55.3	51.3	65.7	62.3	60.7
MRS L TF15	TF	19.7	9.7	27.0	49.7	48.0	55.3	55.0	60.7
PST-K13-137	KB	8.3	8.0	30.0	55.3	56.3	55.7	39.7	41.7
PST-K13-141	KB	30.7	29.0	41.0	48.3	63.7	52.0	41.3	36.7
NONET	TF	38.3	25.0	42.7	56.3	55.7	59.7	59.0	64.0
CATALYST	TF	40.0	33.0	50.3	66.3	61.3	72.0	66.7	70.0
DLFPS 321/3677	TF	40.3	38.0	51.7	62.7	63.3	68.3	65.3	67.7
PST-5SDS	TF	12.0	5.0	19.0	33.0	31.3	38.0	42.7	51.0
BARROBUSTO	TF	25.7	18.7	32.7	46.3	44.3	50.3	46.3	45.7
MIDNIGHT	KB	30.3	29.0	39.7	40.0	37.7	37.0	35.3	37.7
THOR	TF	13.3	8.3	24.3	43.0	38.7	50.0	49.0	50.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		29.3	32.7	51.0	57.3	62.3	62.7	59.3	61.0
LSD VALUE		87.8	82.7	85.2	80.2	86.0	77.4	87.3	78.9
C.V. (%)		65.6	76.4	49.5	36.6	38.1	32.9	39.1	36.0

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

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

TABLE 15A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

NAME		WINTER COLOR	6/7	6/14	QUALITY RATINGS DURING DRY DOWN		7/5	7/14	7/19	7/26
					6/21	6/28				
PST-K11-118	KB	7.3	6.7	6.0	6.3	3.7	4.7	5.0	5.3	4.7
BARRARI	KB	6.0	6.0	5.7	5.3	3.0	4.0	4.3	5.0	4.7
EVEREST	KB	5.3	6.3	5.3	7.0	4.0	4.0	4.7	5.3	5.0
BLUE NOTE	KB	6.0	6.7	6.0	6.0	3.3	4.0	4.7	4.7	4.3
RS4	TF	7.3	7.0	6.3	6.0	3.7	3.3	4.0	4.7	4.3
NAI-13-132	KB	4.3	5.7	5.7	5.3	3.7	3.7	4.0	4.7	4.7
BAR PP 110358	KB	6.3	4.0	4.7	5.7	3.0	3.0	4.7	5.7	4.0
BLUE DEVIL	KB	5.7	5.0	5.0	5.3	3.0	3.0	4.0	4.7	4.0
NAI-13-14	KB	5.0	5.0	5.7	5.7	3.7	3.0	3.7	4.7	4.3
THUNDERSTRUCK	TF	7.3	6.3	5.7	5.3	3.3	3.3	4.0	4.7	4.0
PST-K13-143	KB	6.0	4.3	4.7	5.0	3.7	2.7	4.0	5.0	4.0
PST-R511	TF	7.0	5.3	5.7	5.7	3.3	3.3	4.0	5.3	4.3
STETSON II	TF	7.0	4.7	5.0	4.7	3.7	2.7	3.7	4.7	4.7
SUPERSONIC	TF	7.0	5.0	5.7	6.0	3.7	4.0	4.7	5.0	4.3
GO-AOMK	TF	7.3	5.0	5.7	6.0	3.7	3.3	4.3	4.3	4.0
LTP-SYN-A3	TF	7.3	4.3	4.7	5.7	3.0	3.0	3.7	4.7	4.3
BABE	KB	6.7	4.3	4.7	5.0	3.0	3.0	4.3	4.3	4.0
DAUNTLESS	KB	6.0	5.7	5.3	5.3	2.3	2.3	4.0	4.7	3.7
PST-K15-169	KB	6.0	5.3	5.0	5.0	2.7	2.3	3.0	5.0	4.3
TITANIUM 2LS	TF	7.7	4.7	4.7	5.0	2.7	3.0	4.0	4.3	3.7
DLFPS 321/3678	TF	7.3	4.3	4.7	5.0	3.3	2.7	3.7	4.3	3.3
KINGDOM	TF	7.3	4.3	4.7	4.3	2.3	2.0	4.7	5.0	3.7
BAR FA 121095	TF	6.0	3.7	4.0	4.7	2.3	1.7	3.7	4.3	4.0
DLFPS 321/3679	TF	6.3	4.7	5.0	5.3	2.7	2.3	3.3	4.3	3.3
MRS� TF15	TF	7.7	5.0	4.7	5.0	2.0	2.0	3.3	4.3	3.7
PST-K13-137	KB	6.7	5.0	5.0	4.0	1.7	1.3	2.7	4.7	4.0
PST-K13-141	KB	6.3	5.3	5.0	5.0	3.0	2.7	3.7	5.3	4.0
NONET	TF	7.3	5.0	4.3	4.7	2.3	2.0	3.7	4.0	3.7
CATALYST	TF	6.3	3.7	4.0	4.7	2.3	2.7	3.3	3.7	3.0
DLFPS 321/3677	TF	5.7	3.0	3.3	4.0	2.7	2.7	3.0	3.3	3.0
PST-5SDS	TF	7.0	4.7	4.3	4.7	2.3	2.0	3.0	4.3	4.0
BARROBUSTO	TF	7.0	3.7	4.0	4.3	1.7	2.0	3.7	3.7	3.0
MIDNIGHT	KB	5.3	2.7	3.0	4.3	2.3	2.3	4.7	3.7	3.3
THOR	TF	7.3	3.7	3.7	4.3	2.0	2.0	3.7	3.7	3.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		7.0	2.7	3.7	4.0	2.7	2.3	2.3	3.0	2.0
LSD VALUE		1.4	5.2	5.9	4.8	4.3	5.8	4.7	3.1	3.5
C.V. (%)		12.4	35.6	31.7	25.5	40.9	53.3	31.8	22.0	27.2

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

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

TABLE 15A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

		QUALITY RATINGS DURING DRY DOWN								
NAME		8/2	8/9	8/16	8/23	8/30	9/6	9/13	9/21	9/27
PST-K11-118	KB	6.0	5.0	5.3	6.0	5.3	5.7	6.0	5.3	5.3
BARRARI	KB	6.0	4.7	5.0	4.7	5.7	6.0	6.3	5.7	5.7
EVEREST	KB	5.3	4.3	3.7	5.0	4.7	5.3	5.3	4.7	4.7
BLUE NOTE	KB	5.3	4.7	5.0	5.7	4.7	5.0	5.0	5.0	5.3
RS4	TF	5.0	3.7	3.7	4.7	3.7	3.7	5.7	4.7	4.7
NAI-13-132	KB	5.3	4.3	4.7	5.0	4.7	5.3	4.7	4.3	4.3
BAR PP 110358	KB	5.0	4.0	4.7	5.7	5.0	5.3	6.0	4.7	5.7
BLUE DEVIL	KB	4.7	3.7	4.3	5.0	4.7	5.0	5.3	4.7	4.7
NAI-13-14	KB	4.3	3.3	3.3	4.0	4.0	4.0	4.3	4.0	4.7
THUNDERSTRUCK	TF	4.7	3.7	3.7	4.3	4.3	4.0	4.3	4.3	4.3
PST-K13-143	KB	5.3	4.0	4.3	5.0	4.3	5.0	4.7	4.3	5.3
PST-R511	TF	5.0	4.3	3.7	5.3	3.7	4.0	4.3	4.7	4.3
STETSON II	TF	4.7	4.0	4.0	4.7	3.7	4.7	4.7	5.0	4.3
SUPERSONIC	TF	4.7	4.0	3.3	5.0	3.3	3.7	4.3	4.3	5.0
GO-AOMK	TF	4.3	4.0	4.0	4.7	3.7	4.3	5.3	5.0	5.0
LTP-SYN-A3	TF	4.7	3.7	3.3	4.3	4.0	4.7	5.0	4.7	5.3
BABE	KB	4.7	3.7	4.0	4.7	4.3	4.3	4.3	4.0	5.0
DAUNTLESS	KB	5.0	4.3	3.7	5.0	4.0	4.0	4.3	3.7	4.7
PST-K15-169	KB	4.7	3.7	4.0	5.0	4.3	4.7	4.3	4.3	4.7
TITANIUM 2LS	TF	4.3	3.3	3.7	4.0	3.7	4.0	4.7	4.3	5.0
DLFPS 321/3678	TF	4.0	3.3	3.0	4.0	3.7	3.7	4.7	4.3	4.3
KINGDOM	TF	4.3	4.0	4.0	5.0	4.7	4.7	4.3	5.0	5.0
BAR FA 121095	TF	4.7	3.0	3.0	4.7	4.0	4.0	4.7	4.7	4.7
DLFPS 321/3679	TF	4.3	3.0	3.0	4.0	3.0	3.3	4.3	4.3	4.3
MRS L TF15	TF	4.3	2.7	2.7	3.7	2.7	3.3	4.3	4.0	4.0
PST-K13-137	KB	4.7	3.0	3.3	4.0	4.3	4.7	5.0	4.3	4.3
PST-K13-141	KB	4.7	3.0	3.3	5.0	3.7	4.3	4.3	3.3	4.3
NONET	TF	4.7	3.3	3.0	4.3	3.3	3.7	4.3	4.3	4.7
CATALYST	TF	3.3	2.7	3.0	4.0	3.7	3.7	4.7	4.3	4.0
DLFPS 321/3677	TF	3.3	3.0	3.0	4.3	3.3	3.7	4.7	4.3	4.3
PST-5SDS	TF	3.7	2.0	2.3	3.7	2.3	3.0	3.7	3.0	4.0
BARROBUSTO	TF	3.3	2.7	2.7	3.3	2.7	3.0	3.3	3.3	3.7
MIDNIGHT	KB	3.7	2.7	3.3	3.3	2.7	3.3	3.3	3.3	4.0
THOR	TF	3.0	2.3	2.3	3.3	3.0	3.3	3.3	3.3	3.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		3.0	2.3	2.0	2.3	2.7	3.0	3.0	3.3	3.3
LSD VALUE		4.5	3.5	2.9	5.8	3.2	3.5	2.7	4.6	5.5
C.V. (%)		29.1	33.1	31.4	33.7	30.5	29.1	23.2	27.7	27.8

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 15A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

NAME		PERCENT GREEN COVER DURING RECOVERY				QUALITY RATING DURING RECOVERY PERIOD				MEAN
		10/11	10/22	11/9	11/26	10/11	10/22	11/9	11/26	
PST-K11-118	KB	86.3	98.0	97.0	93.0	6.0	7.3	6.0	8.3	6.0
BARRARI	KB	79.3	94.3	95.7	89.7	5.3	6.7	6.7	8.0	5.6
EVEREST	KB	89.7	93.0	96.3	91.3	5.3	5.7	6.0	6.3	5.5
BLUE NOTE	KB	90.7	95.0	94.7	87.0	5.3	5.7	6.0	6.7	5.4
RS4	TF	85.7	91.7	93.0	86.0	6.3	5.3	5.3	5.3	5.2
NAI-13-132	KB	89.3	85.3	91.0	85.0	5.0	5.3	5.7	6.3	5.1
BAR PP 110358	KB	86.0	96.3	98.7	95.7	5.7	6.7	6.7	7.0	5.0
BLUE DEVIL	KB	92.0	93.7	95.7	91.0	4.7	5.7	6.0	6.0	5.0
NAI-13-14	KB	90.7	80.7	87.3	81.0	5.7	5.3	5.7	6.3	5.0
THUNDERSTRUCK	TF	59.0	92.7	95.0	86.0	4.7	5.0	5.7	5.0	5.0
PST-K13-143	KB	92.0	92.7	94.3	90.3	4.7	6.3	6.0	7.0	4.9
PST-R511	TF	89.7	90.0	94.7	89.0	4.7	5.3	5.0	5.3	4.9
STETSON II	TF	74.7	73.7	78.7	71.7	4.7	5.0	5.3	5.0	4.9
SUPERSONIC	TF	80.3	93.7	95.7	87.0	5.0	5.0	5.0	5.0	4.9
GO-AOMK	TF	88.3	88.3	88.7	76.7	5.3	5.0	4.7	5.0	4.8
LTP-SYN-A3	TF	93.7	94.0	95.7	87.3	5.3	5.3	5.3	5.0	4.8
BABE	KB	90.0	92.7	96.7	93.3	4.3	6.0	5.7	6.7	4.7
DAUNTLESS	KB	94.3	89.3	96.7	94.3	4.0	5.3	6.0	6.3	4.7
PST-K15-169	KB	84.3	84.0	88.0	82.0	4.7	5.3	5.7	6.0	4.7
TITANIUM 2LS	TF	92.3	92.7	95.0	89.7	5.0	5.3	4.7	4.7	4.6
DLFPS 321/3678	TF	87.3	91.7	94.3	84.3	5.0	5.0	5.0	5.0	4.5
KINGDOM	TF	86.0	94.7	96.0	91.0	5.3	5.7	5.7	5.3	4.5
BAR FA 121095	TF	86.7	92.3	93.0	85.7	5.0	5.0	5.3	4.7	4.4
DLFPS 321/3679	TF	89.3	91.0	91.7	84.3	4.0	5.0	5.0	5.0	4.4
MRS L TF15	TF	89.3	91.3	93.0	89.7	4.0	4.7	4.7	5.3	4.4
PST-K13-137	KB	92.3	93.3	96.0	93.0	4.3	5.3	5.3	6.0	4.4
PST-K13-141	KB	92.0	69.3	75.0	66.0	4.3	4.0	4.7	4.7	4.4
NONET	TF	91.0	88.0	90.7	85.3	4.3	5.0	5.0	4.7	4.3
CATALYST	TF	84.0	91.7	91.0	82.7	4.7	5.3	4.7	5.3	3.9
DLFPS 321/3677	TF	90.7	89.3	90.3	83.7	5.0	5.0	4.7	5.0	3.9
PST-5SDS	TF	90.7	86.7	90.0	83.7	3.7	4.0	5.0	4.3	3.9
BARROBUSTO	TF	73.3	79.7	87.7	85.7	3.7	4.3	4.3	4.7	3.8
MIDNIGHT	KB	91.0	63.3	74.3	69.0	4.3	4.3	5.3	5.3	3.7
THOR	TF	92.0	75.0	80.7	76.7	4.0	4.0	5.0	4.0	3.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		91.3	83.3	85.7	85.3	3.3	3.3	3.7	4.0	3.2
LSD VALUE		34.2	42.3	32.4	31.4	6.5	4.1	3.3	2.6	3.2
C.V. (%)		12.8	14.9	11.1	12.5	31.8	25.2	19.8	22.4	21.3

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

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

TABLE 15B.

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

NAME		GENETIC COLOR	PERCENT PREDROUGHT COVER						PREDROUGHT QUALITY RATINGS					
			11/3	12/4	2/20	3/23	4/23	5/31	11/3	12/4	2/20	3/23	4/23	5/31
PST-K11-118	KB	4.7	95.0	98.3	61.0	90.7	91.3	96.7	8.0	7.7	4.0	7.7	6.3	7.0
BARRARI	KB	4.7	90.7	96.0	49.3	84.0	89.0	97.7	6.7	7.0	3.3	5.7	6.3	7.3
EVEREST	KB	7.0	93.7	97.0	56.3	75.0	79.3	95.3	7.3	8.3	3.3	6.3	6.3	8.3
BLUE NOTE	KB	5.7	93.7	95.0	41.7	85.3	90.3	98.0	7.0	7.0	3.0	6.3	7.0	7.7
NAI-13-132	KB	7.0	93.0	94.7	50.0	63.3	77.7	95.0	6.0	7.0	3.0	5.7	5.3	8.3
BAR PP 110358	KB	6.0	79.3	90.7	58.3	81.7	83.7	89.7	4.7	5.7	3.0	4.3	4.7	5.7
BLUE DEVIL	KB	6.7	85.3	92.0	49.3	71.7	87.7	92.0	6.3	7.7	2.7	5.7	7.3	7.3
NAI-13-14	KB	6.7	94.3	97.3	49.7	73.7	77.3	94.3	7.3	8.7	4.3	6.3	6.0	8.0
PST-K13-143	KB	6.0	88.0	95.0	62.3	76.0	81.0	90.3	5.0	6.3	4.0	5.0	4.7	6.7
BABE	KB	5.3	86.3	94.3	55.7	83.3	82.7	94.3	6.0	6.0	3.7	5.0	5.3	6.3
DAUNTLESS	KB	5.7	83.0	93.0	47.0	82.0	86.3	97.3	5.3	5.7	3.0	5.3	5.3	7.3
PST-K15-169	KB	6.3	89.7	95.0	43.0	76.0	81.0	95.7	6.0	6.7	2.7	4.7	5.3	8.3
PST-K13-137	KB	7.0	90.0	90.3	45.0	77.7	81.3	93.7	5.0	5.7	3.0	5.7	6.3	7.3
PST-K13-141	KB	6.3	88.3	95.3	61.0	82.0	80.7	96.0	5.7	6.0	3.3	5.0	5.7	6.7
MIDNIGHT	KB	5.3	79.0	89.3	56.0	64.3	76.0	76.0	4.7	5.3	2.7	4.3	4.0	4.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.7	67.7	71.0	53.3	79.3	76.0	72.0	4.0	5.0	2.3	5.0	3.7	5.0
LSD VALUE		3.9	40.3	32.5	21.1	24.1	25.9	18.0	4.6	4.4	1.6	3.4	2.6	2.3
C.V. (%)		23.5	15.6	12.2	17.0	12.9	10.9	9.4	29.6	25.5	21.9	24.0	21.7	17.1

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

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

TABLE 15B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

		PERCENT GREEN COVER DURING DRY DOWN								
NAME		6/7	6/14	6/21	6/28	7/5	7/14	7/19	7/26	8/2
PST-K11-118	KB	93.3	92.7	87.7	65.0	45.0	42.0	64.3	63.3	73.0
BARRARI	KB	91.0	81.0	78.0	52.0	18.7	25.0	56.7	40.3	58.7
EVEREST	KB	91.0	88.3	86.0	71.3	40.3	39.3	56.3	62.3	61.3
BLUE NOTE	KB	96.3	95.0	90.7	67.3	36.3	35.7	53.3	58.0	68.3
NAI-13-132	KB	92.3	89.7	87.0	69.7	44.0	37.0	64.0	69.3	68.0
BAR PP 110358	KB	60.3	54.0	70.3	50.3	24.0	48.3	85.3	80.3	74.3
BLUE DEVIL	KB	75.3	66.0	72.3	45.0	35.0	40.0	64.3	45.3	47.0
NAI-13-14	KB	89.0	79.3	69.7	47.3	25.0	25.0	46.7	51.0	49.3
PST-K13-143	KB	69.3	59.7	71.3	36.3	12.7	30.0	68.7	50.7	58.7
BABE	KB	69.3	62.3	70.7	50.7	21.3	28.3	57.0	42.0	44.3
DAUNTLESS	KB	86.7	82.7	76.0	32.7	6.3	8.3	36.7	35.0	47.3
PST-K15-169	KB	86.7	74.7	68.0	32.7	8.7	14.7	43.3	40.0	40.0
PST-K13-137	KB	80.3	62.3	54.3	22.0	3.0	5.0	37.3	38.3	38.7
PST-K13-141	KB	80.7	61.0	57.3	37.0	21.7	24.7	53.3	37.3	38.7
MIDNIGHT	KB	35.7	25.3	48.7	32.3	10.0	29.7	81.0	48.3	46.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		41.7	37.7	49.3	40.7	24.0	33.7	39.3	27.3	28.7
LSD VALUE		48.3	62.6	58.8	75.0	67.0	66.0	60.1	54.9	69.8
C.V. (%)		28.7	38.3	30.5	56.0	100.1	76.5	39.9	43.3	46.1

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 15B. PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 40% OF ET
(CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

		PERCENT GREEN COVER DURING DRY DOWN							
NAME		8/9	8/16	8/23	8/30	9/6	9/13	9/21	9/27
PST-K11-118	KB	60.7	53.3	74.7	94.3	86.3	90.3	58.3	56.7
BARRARI	KB	39.7	32.7	60.7	81.0	74.3	79.7	47.0	50.0
EVEREST	KB	46.0	30.7	55.3	84.3	79.3	77.0	58.0	56.7
BLUE NOTE	KB	47.3	35.7	58.0	82.3	85.3	82.3	65.3	68.0
NAI-13-132	KB	46.7	38.7	53.0	72.0	68.7	67.3	48.0	48.3
BAR PP 110358	KB	61.3	64.3	76.3	83.3	82.7	81.7	65.0	69.3
BLUE DEVIL	KB	45.0	47.7	64.7	81.0	65.7	76.3	49.0	53.7
NAI-13-14	KB	43.0	33.7	47.3	64.0	81.0	62.0	55.3	57.0
PST-K13-143	KB	45.3	49.3	69.0	82.3	78.3	71.3	49.3	58.0
BABE	KB	24.7	25.0	47.0	72.0	71.7	71.3	56.7	59.3
DAUNTLESS	KB	16.7	14.0	38.0	61.7	51.0	54.0	37.0	41.7
PST-K15-169	KB	29.3	34.7	63.7	58.3	70.7	63.7	44.3	46.3
PST-K13-137	KB	8.3	8.0	30.0	55.3	56.3	55.7	39.7	41.7
PST-K13-141	KB	30.7	29.0	41.0	48.3	63.7	52.0	41.3	36.7
MIDNIGHT	KB	30.3	29.0	39.7	40.0	37.7	37.0	35.3	37.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		29.3	32.7	51.0	57.3	62.3	62.7	59.3	61.0
LSD VALUE		62.9	60.8	63.7	55.9	62.3	52.5	64.5	57.6
C.V. (%)		61.9	64.7	42.0	32.0	32.2	30.4	40.2	36.4

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 15B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

NAME		WINTER COLOR	6/7	6/14	QUALITY RATINGS DURING DRY DOWN		7/5	7/14	7/19	7/26
					6/21	6/28				
PST-K11-118	KB	7.3	6.7	6.0	6.3	3.7	4.7	5.0	5.3	4.7
BARRARI	KB	6.0	6.0	5.7	5.3	3.0	4.0	4.3	5.0	4.7
EVEREST	KB	5.3	6.3	5.3	7.0	4.0	4.0	4.7	5.3	5.0
BLUE NOTE	KB	6.0	6.7	6.0	6.0	3.3	4.0	4.7	4.7	4.3
NAI-13-132	KB	4.3	5.7	5.7	5.3	3.7	3.7	4.0	4.7	4.7
BAR PP 110358	KB	6.3	4.0	4.7	5.7	3.0	3.0	4.7	5.7	4.0
BLUE DEVIL	KB	5.7	5.0	5.0	5.3	3.0	3.0	4.0	4.7	4.0
NAI-13-14	KB	5.0	5.0	5.7	5.7	3.7	3.0	3.7	4.7	4.3
PST-K13-143	KB	6.0	4.3	4.7	5.0	3.7	2.7	4.0	5.0	4.0
BABE	KB	6.7	4.3	4.7	5.0	3.0	3.0	4.3	4.3	4.0
DAUNTLESS	KB	6.0	5.7	5.3	5.3	2.3	2.3	4.0	4.7	3.7
PST-K15-169	KB	6.0	5.3	5.0	5.0	2.7	2.3	3.0	5.0	4.3
PST-K13-137	KB	6.7	5.0	5.0	4.0	1.7	1.3	2.7	4.7	4.0
PST-K13-141	KB	6.3	5.3	5.0	5.0	3.0	2.7	3.7	5.3	4.0
MIDNIGHT	KB	5.3	2.7	3.0	4.3	2.3	2.3	4.7	3.7	3.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		7.0	2.7	3.7	4.0	2.7	2.3	2.3	3.0	2.0
LSD VALUE		1.6	3.6	3.8	4.4	3.6	4.5	3.5	2.6	2.2
C.V. (%)		13.8	31.4	27.2	28.1	38.9	51.0	31.8	21.4	22.8

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

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

TABLE 15B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

		QUALITY RATINGS DURING DRY DOWN								
NAME		8/2	8/9	8/16	8/23	8/30	9/6	9/13	9/21	9/27
PST-K11-118	KB	6.0	5.0	5.3	6.0	5.3	5.7	6.0	5.3	5.3
BARRARI	KB	6.0	4.7	5.0	4.7	5.7	6.0	6.3	5.7	5.7
EVEREST	KB	5.3	4.3	3.7	5.0	4.7	5.3	5.3	4.7	4.7
BLUE NOTE	KB	5.3	4.7	5.0	5.7	4.7	5.0	5.0	5.0	5.3
NAI-13-132	KB	5.3	4.3	4.7	5.0	4.7	5.3	4.7	4.3	4.3
BAR PP 110358	KB	5.0	4.0	4.7	5.7	5.0	5.3	6.0	4.7	5.7
BLUE DEVIL	KB	4.7	3.7	4.3	5.0	4.7	5.0	5.3	4.7	4.7
NAI-13-14	KB	4.3	3.3	3.3	4.0	4.0	4.0	4.3	4.0	4.7
PST-K13-143	KB	5.3	4.0	4.3	5.0	4.3	5.0	4.7	4.3	5.3
BABE	KB	4.7	3.7	4.0	4.7	4.3	4.3	4.3	4.0	5.0
DAUNTLESS	KB	5.0	4.3	3.7	5.0	4.0	4.0	4.3	3.7	4.7
PST-K15-169	KB	4.7	3.7	4.0	5.0	4.3	4.7	4.3	4.3	4.7
PST-K13-137	KB	4.7	3.0	3.3	4.0	4.3	4.7	5.0	4.3	4.3
PST-K13-141	KB	4.7	3.0	3.3	5.0	3.7	4.3	4.3	3.3	4.3
MIDNIGHT	KB	3.7	2.7	3.3	3.3	2.7	3.3	3.3	3.3	4.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		3.0	2.3	2.0	2.3	2.7	3.0	3.0	3.3	3.3
LSD VALUE		3.1	2.5	2.3	3.3	2.4	2.4	1.9	2.3	2.6
C.V. (%)		24.6	27.8	26.5	28.3	24.4	22.5	20.3	22.5	20.8

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 15B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

NAME		PERCENT GREEN COVER DURING RECOVERY				QUALITY RATING DURING RECOVERY PERIOD				MEAN
		10/11	10/22	11/9	11/26	10/11	10/22	11/9	11/26	
PST-K11-118	KB	86.3	98.0	97.0	93.0	6.0	7.3	6.0	8.3	6.0
BARRARI	KB	79.3	94.3	95.7	89.7	5.3	6.7	6.7	8.0	5.6
EVEREST	KB	89.7	93.0	96.3	91.3	5.3	5.7	6.0	6.3	5.5
BLUE NOTE	KB	90.7	95.0	94.7	87.0	5.3	5.7	6.0	6.7	5.4
NAI-13-132	KB	89.3	85.3	91.0	85.0	5.0	5.3	5.7	6.3	5.1
BAR PP 110358	KB	86.0	96.3	98.7	95.7	5.7	6.7	6.7	7.0	5.0
BLUE DEVIL	KB	92.0	93.7	95.7	91.0	4.7	5.7	6.0	6.0	5.0
NAI-13-14	KB	90.7	80.7	87.3	81.0	5.7	5.3	5.7	6.3	5.0
PST-K13-143	KB	92.0	92.7	94.3	90.3	4.7	6.3	6.0	7.0	4.9
BABE	KB	90.0	92.7	96.7	93.3	4.3	6.0	5.7	6.7	4.7
DAUNTLESS	KB	94.3	89.3	96.7	94.3	4.0	5.3	6.0	6.3	4.7
PST-K15-169	KB	84.3	84.0	88.0	82.0	4.7	5.3	5.7	6.0	4.7
PST-K13-137	KB	92.3	93.3	96.0	93.0	4.3	5.3	5.3	6.0	4.4
PST-K13-141	KB	92.0	69.3	75.0	66.0	4.3	4.0	4.7	4.7	4.4
MIDNIGHT	KB	91.0	63.3	74.3	69.0	4.3	4.3	5.3	5.3	3.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		91.3	83.3	85.7	85.3	3.3	3.3	3.7	4.0	3.2
LSD VALUE		16.2	34.9	28.7	32.8	3.4	2.5	1.8	2.9	2.0
C.V. (%)		6.7	16.1	12.3	14.9	25.0	21.3	14.9	21.0	18.3

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

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

TABLE 15C.

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

NAME		GENETIC COLOR	PERCENT PREDROUGHT COVER						PREDROUGHT QUALITY RATINGS					
			11/3	12/4	2/20	3/23	4/23	5/31	11/3	12/4	2/20	3/23	4/23	5/31
RS4	TF	6.0	92.0	94.3	66.3	93.0	83.3	97.3	6.3	7.7	4.3	7.0	6.3	7.0
THUNDERSTRUCK	TF	6.3	89.7	92.0	58.3	88.3	89.3	97.0	6.0	7.0	4.3	7.7	7.7	6.7
PST-R511	TF	5.3	92.7	96.3	74.7	85.7	82.7	93.7	5.0	7.3	4.7	6.3	6.3	6.0
STETSON II	TF	6.0	91.0	94.0	63.3	86.3	87.7	92.0	5.7	7.3	4.3	7.0	7.3	6.3
SUPERSONIC	TF	6.3	89.7	94.3	65.0	86.3	84.3	94.0	6.0	7.7	4.0	7.3	6.3	6.0
GO-AOMK	TF	6.7	86.3	91.3	61.7	83.3	85.3	92.7	5.0	5.7	4.0	6.7	5.7	6.0
LTP-SYN-A3	TF	4.3	91.0	92.7	65.7	90.0	85.7	85.7	5.3	7.0	4.3	7.0	7.0	6.0
TITANIUM 2LS	TF	6.0	91.0	92.3	70.3	86.3	86.7	92.7	5.3	7.0	4.3	6.7	7.0	6.3
DLFPS 321/3678	TF	4.0	92.0	92.3	61.3	86.3	76.7	78.0	5.3	6.7	4.0	6.7	6.7	5.7
KINGDOM	TF	6.0	77.7	86.0	60.3	82.0	82.7	86.3	4.0	5.0	3.3	5.0	4.7	5.0
BAR FA 121095	TF	5.7	87.3	89.0	47.0	77.0	82.0	86.3	5.7	6.0	3.3	5.7	5.3	6.0
DLFPS 321/3679	TF	4.0	87.0	87.7	56.7	82.0	65.7	81.7	7.0	7.0	4.0	6.3	5.0	4.7
MRSI TF15	TF	6.0	91.3	94.0	58.7	87.7	84.3	91.7	6.3	7.3	4.7	6.3	7.0	6.3
NONET	TF	5.7	84.0	90.3	61.0	87.0	88.7	94.7	5.0	5.3	3.7	6.0	5.7	6.3
CATALYST	TF	4.0	68.3	78.3	61.0	79.3	85.0	77.3	4.7	4.7	3.0	5.0	4.3	4.0
DLFPS 321/3677	TF	4.3	78.3	84.3	60.0	72.3	79.3	75.7	3.7	5.3	3.3	4.7	4.7	4.3
PST-5SDS	TF	6.0	87.7	92.7	62.0	88.0	87.0	94.3	5.0	5.7	3.3	6.3	5.0	5.3
BARROBUSTO	TF	4.7	92.7	93.0	66.0	87.3	89.0	86.0	5.3	5.7	4.0	6.0	6.0	5.3
THOR	TF	5.0	86.3	95.0	70.0	81.0	80.7	77.7	4.7	5.7	3.3	4.7	5.7	5.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.7	67.7	71.0	53.3	79.3	76.0	72.0	4.0	5.0	2.3	5.0	3.7	5.0
LSD VALUE		4.7	32.4	31.7	15.8	30.2	24.0	48.6	4.5	3.4	2.2	5.7	3.7	3.9
C.V. (%)		29.2	13.7	11.9	11.9	11.1	10.5	17.3	28.3	21.8	22.6	28.7	25.7	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.

TABLE 15C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

		PERCENT GREEN COVER DURING DRY DOWN								
NAME		6/7	6/14	6/21	6/28	7/5	7/14	7/19	7/26	8/2
RS4	TF	96.7	95.3	83.3	66.3	47.0	45.0	44.0	44.3	54.3
THUNDERSTRUCK	TF	94.3	92.0	84.0	67.0	29.3	29.3	39.3	35.7	38.3
PST-R511	TF	85.0	82.0	80.3	65.0	24.3	35.3	57.0	52.7	52.7
STETSON II	TF	72.3	58.3	60.7	45.3	25.0	29.7	53.0	54.0	59.0
SUPERSONIC	TF	81.7	77.3	78.3	60.3	40.7	38.0	51.3	53.0	56.3
GO-AOMK	TF	87.7	83.0	78.0	58.7	37.7	40.7	48.0	38.3	45.0
LTP-SYN-A3	TF	62.0	60.3	69.7	48.0	22.0	32.7	49.3	52.0	60.3
TITANIUM 2LS	TF	85.7	77.7	71.7	49.0	17.7	25.0	44.0	42.3	51.7
DLFPS 321/3678	TF	62.0	62.0	60.0	34.7	16.0	25.0	45.3	39.7	45.3
KINGDOM	TF	67.0	60.0	62.3	48.3	13.7	33.0	70.3	62.3	60.0
BAR FA 121095	TF	49.3	46.7	57.3	28.7	4.3	25.0	53.0	53.0	58.3
DLFPS 321/3679	TF	65.0	64.7	74.0	52.7	18.3	21.7	39.0	43.3	50.0
MRSI TF15	TF	75.0	66.7	58.0	23.7	3.3	11.0	38.0	30.3	31.7
NONET	TF	84.0	76.0	61.0	38.0	13.7	26.7	54.0	46.0	47.0
CATALYST	TF	52.7	51.3	61.7	46.3	23.0	32.3	46.3	42.7	46.3
DLFPS 321/3677	TF	47.3	41.0	46.3	34.7	19.3	26.7	47.3	42.7	49.0
PST-5SDS	TF	69.7	57.7	53.3	20.7	4.7	13.7	37.0	33.0	31.7
BARROBUSTO	TF	66.0	55.3	43.7	25.0	10.3	16.0	43.0	32.0	34.3
THOR	TF	61.3	57.7	51.3	22.0	3.3	8.7	33.3	35.0	26.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		41.7	37.7	49.3	40.7	24.0	33.7	39.3	27.3	28.7
LSD VALUE		89.0	97.9	65.7	52.7	49.5	42.5	56.4	50.2	61.6
C.V. (%)		40.9	47.0	34.1	48.7	93.7	56.0	36.7	38.6	43.2

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 15C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

		PERCENT GREEN COVER DURING DRY DOWN							
NAME		8/9	8/16	8/23	8/30	9/6	9/13	9/21	9/27
RS4	TF	43.3	35.3	50.3	69.0	67.3	72.7	66.7	71.7
THUNDERSTRUCK	TF	28.0	18.0	41.3	66.7	57.7	61.7	53.0	53.7
PST-R511	TF	40.7	36.3	50.7	68.7	57.3	63.7	58.0	62.0
STETSON II	TF	48.3	44.0	56.3	65.3	62.3	65.0	62.3	64.3
SUPERSONIC	TF	38.0	27.7	47.3	72.7	64.3	71.3	71.0	69.7
GO-AOMK	TF	41.3	37.7	60.3	72.7	69.0	73.7	71.7	72.7
LTP-SYN-A3	TF	49.0	48.3	64.3	79.0	75.3	80.7	75.3	78.7
TITANIUM 2LS	TF	41.7	35.7	53.0	65.7	65.7	70.3	69.3	71.7
DLFPS 321/3678	TF	29.3	26.7	43.0	62.0	64.7	75.7	67.3	64.3
KINGDOM	TF	48.3	44.3	62.3	78.3	74.3	77.0	72.7	76.3
BAR FA 121095	TF	42.0	37.3	59.3	72.3	72.3	74.3	73.0	75.7
DLFPS 321/3679	TF	30.0	14.3	32.7	55.3	51.3	65.7	62.3	60.7
MRSI TF15	TF	19.7	9.7	27.0	49.7	48.0	55.3	55.0	60.7
NONET	TF	38.3	25.0	42.7	56.3	55.7	59.7	59.0	64.0
CATALYST	TF	40.0	33.0	50.3	66.3	61.3	72.0	66.7	70.0
DLFPS 321/3677	TF	40.3	38.0	51.7	62.7	63.3	68.3	65.3	67.7
PST-5SDS	TF	12.0	5.0	19.0	33.0	31.3	38.0	42.7	51.0
BARROBUSTO	TF	25.7	18.7	32.7	46.3	44.3	50.3	46.3	45.7
THOR	TF	13.3	8.3	24.3	43.0	38.7	50.0	49.0	50.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		29.3	32.7	51.0	57.3	62.3	62.7	59.3	61.0
LSD VALUE		67.1	68.2	79.1	80.6	86.2	75.1	65.7	64.0
C.V. (%)		60.2	78.2	53.9	39.2	42.4	34.1	31.3	29.5

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 15C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

NAME		WINTER COLOR	6/7	6/14	QUALITY RATINGS DURING DRY DOWN		7/5	7/14	7/19	7/26
					6/21	6/28				
RS4	TF	7.3	7.0	6.3	6.0	3.7	3.3	4.0	4.7	4.3
THUNDERSTRUCK	TF	7.3	6.3	5.7	5.3	3.3	3.3	4.0	4.7	4.0
PST-R511	TF	7.0	5.3	5.7	5.7	3.3	3.3	4.0	5.3	4.3
STETSON II	TF	7.0	4.7	5.0	4.7	3.7	2.7	3.7	4.7	4.7
SUPERSONIC	TF	7.0	5.0	5.7	6.0	3.7	4.0	4.7	5.0	4.3
GO-AOMK	TF	7.3	5.0	5.7	6.0	3.7	3.3	4.3	4.3	4.0
LTP-SYN-A3	TF	7.3	4.3	4.7	5.7	3.0	3.0	3.7	4.7	4.3
TITANIUM 2LS	TF	7.7	4.7	4.7	5.0	2.7	3.0	4.0	4.3	3.7
DLFPS 321/3678	TF	7.3	4.3	4.7	5.0	3.3	2.7	3.7	4.3	3.3
KINGDOM	TF	7.3	4.3	4.7	4.3	2.3	2.0	4.7	5.0	3.7
BAR FA 121095	TF	6.0	3.7	4.0	4.7	2.3	1.7	3.7	4.3	4.0
DLFPS 321/3679	TF	6.3	4.7	5.0	5.3	2.7	2.3	3.3	4.3	3.3
MRSI TF15	TF	7.7	5.0	4.7	5.0	2.0	2.0	3.3	4.3	3.7
NONET	TF	7.3	5.0	4.3	4.7	2.3	2.0	3.7	4.0	3.7
CATALYST	TF	6.3	3.7	4.0	4.7	2.3	2.7	3.3	3.7	3.0
DLFPS 321/3677	TF	5.7	3.0	3.3	4.0	2.7	2.7	3.0	3.3	3.0
PST-5SDS	TF	7.0	4.7	4.3	4.7	2.3	2.0	3.0	4.3	4.0
BARROBUSTO	TF	7.0	3.7	4.0	4.3	1.7	2.0	3.7	3.7	3.0
THOR	TF	7.3	3.7	3.7	4.3	2.0	2.0	3.7	3.7	3.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		7.0	2.7	3.7	4.0	2.7	2.3	2.3	3.0	2.0
LSD VALUE		2.2	4.9	5.0	3.3	2.9	2.8	2.3	2.5	2.9
C.V. (%)		11.8	37.6	33.4	22.3	36.9	38.3	23.4	21.2	28.4

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 15C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

		QUALITY RATINGS DURING DRY DOWN								
NAME		8/2	8/9	8/16	8/23	8/30	9/6	9/13	9/21	9/27
RS4	TF	5.0	3.7	3.7	4.7	3.7	3.7	5.7	4.7	4.7
THUNDERSTRUCK	TF	4.7	3.7	3.7	4.3	4.3	4.0	4.3	4.3	4.3
PST-R511	TF	5.0	4.3	3.7	5.3	3.7	4.0	4.3	4.7	4.3
STETSON II	TF	4.7	4.0	4.0	4.7	3.7	4.7	4.7	5.0	4.3
SUPERSONIC	TF	4.7	4.0	3.3	5.0	3.3	3.7	4.3	4.3	5.0
GO-AOMK	TF	4.3	4.0	4.0	4.7	3.7	4.3	5.3	5.0	5.0
LTP-SYN-A3	TF	4.7	3.7	3.3	4.3	4.0	4.7	5.0	4.7	5.3
TITANIUM 2LS	TF	4.3	3.3	3.7	4.0	3.7	4.0	4.7	4.3	5.0
DLFPS 321/3678	TF	4.0	3.3	3.0	4.0	3.7	3.7	4.7	4.3	4.3
KINGDOM	TF	4.3	4.0	4.0	5.0	4.7	4.7	4.3	5.0	5.0
BAR FA 121095	TF	4.7	3.0	3.0	4.7	4.0	4.0	4.7	4.7	4.7
DLFPS 321/3679	TF	4.3	3.0	3.0	4.0	3.0	3.3	4.3	4.3	4.3
MRSI TF15	TF	4.3	2.7	2.7	3.7	2.7	3.3	4.3	4.0	4.0
NONET	TF	4.7	3.3	3.0	4.3	3.3	3.7	4.3	4.3	4.7
CATALYST	TF	3.3	2.7	3.0	4.0	3.7	3.7	4.7	4.3	4.0
DLFPS 321/3677	TF	3.3	3.0	3.0	4.3	3.3	3.7	4.7	4.3	4.3
PST-5SDS	TF	3.7	2.0	2.3	3.7	2.3	3.0	3.7	3.0	4.0
BARROBUSTO	TF	3.3	2.7	2.7	3.3	2.7	3.0	3.3	3.3	3.7
THOR	TF	3.0	2.3	2.3	3.3	3.0	3.3	3.3	3.3	3.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		3.0	2.3	2.0	2.3	2.7	3.0	3.0	3.3	3.3
LSD VALUE		3.5	3.4	3.2	3.9	3.9	4.5	2.7	3.8	3.5
C.V. (%)		27.8	35.3	33.3	30.2	34.2	33.4	22.7	27.4	24.0

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

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

TABLE 15C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

NAME		PERCENT GREEN COVER DURING RECOVERY				QUALITY RATING DURING RECOVERY PERIOD				MEAN
		10/11	10/22	11/9	11/26	10/11	10/22	11/9	11/26	
RS4	TF	85.7	91.7	93.0	86.0	6.3	5.3	5.3	5.3	5.2
THUNDERSTRUCK	TF	59.0	92.7	95.0	86.0	4.7	5.0	5.7	5.0	5.0
PST-R511	TF	89.7	90.0	94.7	89.0	4.7	5.3	5.0	5.3	4.9
STETSON II	TF	74.7	73.7	78.7	71.7	4.7	5.0	5.3	5.0	4.9
SUPERSONIC	TF	80.3	93.7	95.7	87.0	5.0	5.0	5.0	5.0	4.9
GO-AOMK	TF	88.3	88.3	88.7	76.7	5.3	5.0	4.7	5.0	4.8
LTP-SYN-A3	TF	93.7	94.0	95.7	87.3	5.3	5.3	5.3	5.0	4.8
TITANIUM 2LS	TF	92.3	92.7	95.0	89.7	5.0	5.3	4.7	4.7	4.6
DLFPS 321/3678	TF	87.3	91.7	94.3	84.3	5.0	5.0	5.0	5.0	4.5
KINGDOM	TF	86.0	94.7	96.0	91.0	5.3	5.7	5.7	5.3	4.5
BAR FA 121095	TF	86.7	92.3	93.0	85.7	5.0	5.0	5.3	4.7	4.4
DLFPS 321/3679	TF	89.3	91.0	91.7	84.3	4.0	5.0	5.0	5.0	4.4
MRSI TF15	TF	89.3	91.3	93.0	89.7	4.0	4.7	4.7	5.3	4.4
NONET	TF	91.0	88.0	90.7	85.3	4.3	5.0	5.0	4.7	4.3
CATALYST	TF	84.0	91.7	91.0	82.7	4.7	5.3	4.7	5.3	3.9
DLFPS 321/3677	TF	90.7	89.3	90.3	83.7	5.0	5.0	4.7	5.0	3.9
PST-5SDS	TF	90.7	86.7	90.0	83.7	3.7	4.0	5.0	4.3	3.9
BARROBUSTO	TF	73.3	79.7	87.7	85.7	3.7	4.3	4.3	4.7	3.8
THOR	TF	92.0	75.0	80.7	76.7	4.0	4.0	5.0	4.0	3.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		91.3	83.3	85.7	85.3	3.3	3.3	3.7	4.0	3.2
LSD VALUE		35.6	41.0	31.1	26.9	4.0	3.7	3.3	2.6	2.6
C.V. (%)		15.2	13.9	10.5	10.3	28.0	23.1	19.6	16.6	20.3

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

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

TABLE 16A.

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

NAME		GENETIC COLOR	PERCENT PREDROUGHT COVER						PREDROUGHT QUALITY RATINGS					
			11/3	12/4	2/20	3/23	4/23	5/31	11/3	12/4	2/20	3/23	4/23	5/31
THOR	TF	5.3	94.7	94.7	80.7	92.3	87.3	90.7	8.3	7.7	5.0	7.0	7.0	7.0
BAR PP 110358	KB	4.0	97.7	98.7	55.7	89.0	88.7	98.0	8.3	8.0	3.0	7.3	6.0	8.3
BARRARI	KB	3.3	91.3	95.7	53.3	87.0	87.7	96.3	6.7	7.7	2.7	6.7	6.7	8.0
GO-AOMK	TF	6.0	91.3	92.0	60.7	84.7	81.0	95.3	7.3	7.7	4.0	7.0	7.3	8.0
DLFPS 321/3677	TF	5.3	96.0	97.0	75.3	92.3	89.0	95.3	7.7	7.7	5.0	7.0	6.7	7.0
DLFPS 321/3679	TF	5.0	93.7	93.0	67.7	89.7	80.7	96.7	7.7	7.7	4.3	6.7	6.7	8.0
MRSI TF15	TF	5.3	93.3	94.0	70.3	85.0	75.3	91.3	7.7	7.7	4.7	6.7	6.7	7.3
NAI-13-132	KB	6.7	95.3	96.7	55.7	68.3	79.0	95.3	8.7	8.3	3.0	5.3	6.3	8.7
BLUE DEVIL	KB	6.3	93.7	92.7	54.7	76.7	83.3	92.7	7.3	7.7	3.3	6.3	7.3	7.3
STETSON II	TF	4.7	89.7	89.3	69.7	85.7	81.0	88.3	7.3	7.0	4.7	6.7	7.0	6.7
DLFPS 321/3678	TF	6.0	92.7	95.0	71.3	84.7	83.3	94.7	6.7	7.7	5.0	6.0	7.0	7.3
PST-K13-143	KB	5.0	88.7	94.0	60.7	84.3	76.7	95.3	7.0	8.7	4.0	6.0	6.0	8.3
BLUE NOTE	KB	5.0	95.0	96.3	52.7	84.0	90.3	98.0	7.7	8.3	3.3	6.7	6.3	8.0
LTP-SYN-A3	TF	5.0	94.7	96.0	72.7	91.0	89.7	96.3	7.0	7.3	4.7	6.7	6.3	6.7
THUNDERSTRUCK	TF	6.0	92.7	93.0	66.0	84.0	83.7	92.3	7.3	7.3	4.3	6.3	7.3	8.0
BAROBUSTO	TF	4.0	88.7	89.0	63.7	80.7	73.3	85.7	7.7	7.0	3.7	6.3	6.7	6.7
KINGDOM	TF	5.0	91.7	93.0	63.0	83.0	87.7	87.7	7.0	7.0	4.3	6.7	6.7	7.0
PST-K13-137	KB	5.3	89.0	91.0	47.0	73.3	75.0	91.0	7.0	7.0	2.7	6.3	5.0	6.7
SUPERSONIC	TF	5.7	92.7	94.3	73.7	87.7	81.7	94.3	7.0	7.3	4.3	6.3	6.3	6.3
NAI-13-14	KB	5.7	96.3	96.3	49.0	66.7	74.0	92.0	7.0	7.7	2.3	5.3	5.3	7.3
NONET	TF	4.7	90.3	93.7	70.0	88.0	81.3	95.7	6.7	7.7	5.0	7.0	6.3	6.7
PST-5SDS	TF	4.0	90.7	92.0	61.0	82.0	81.3	85.0	6.3	7.7	4.3	6.3	6.7	6.0
PST-K13-141	KB	4.3	92.0	95.3	63.0	83.0	84.7	97.0	7.0	7.3	3.0	5.7	5.7	7.3
TITANIUM 2LS	TF	5.3	96.0	96.0	80.7	90.7	83.0	94.3	7.0	7.3	4.7	6.7	6.7	7.0
RS4	TF	5.0	93.3	94.3	71.7	89.3	88.0	90.0	6.7	7.0	5.0	5.7	6.3	5.7
EVEREST	KB	6.0	94.7	94.7	48.3	65.7	73.7	93.3	7.7	8.7	3.3	5.7	6.3	6.3
BAR FA 121095	TF	5.0	91.3	91.0	59.0	76.3	81.7	88.0	6.7	7.3	3.7	5.7	6.0	6.7
PST-K11-118	KB	4.7	93.3	97.0	62.7	84.0	87.0	94.0	7.0	7.7	3.3	7.0	5.7	6.7
DAUNTLESS	KB	4.3	90.0	93.3	49.3	77.3	75.7	92.0	7.0	7.0	3.0	6.3	6.3	8.0
PST-R511	TF	5.0	93.7	96.0	79.0	92.7	78.3	96.0	6.7	7.7	4.7	7.3	6.7	7.3
CATALYST	TF	4.0	85.3	92.3	67.0	83.3	83.0	86.0	6.7	7.0	4.3	5.7	6.0	6.3
BABE	KB	4.7	93.0	95.3	46.0	69.7	76.7	96.0	7.0	8.0	3.0	6.0	6.0	7.3
MIDNIGHT	KB	6.7	95.7	95.7	55.3	65.3	66.7	90.7	6.7	7.3	2.7	5.3	5.0	6.7
PST-K15-169	KB	4.7	87.0	90.0	31.7	57.7	66.7	89.0	5.7	6.0	1.7	5.0	5.0	6.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.0	94.7	96.7	59.3	88.7	61.0	85.3	6.7	7.3	3.7	5.3	4.0	4.3
LSD VALUE		2.8	8.2	5.6	10.8	12.2	20.1	21.8	4.5	4.4	1.1	3.7	1.9	2.1
C.V. (%)		21.8	3.9	2.9	11.3	9.0	11.1	7.1	16.3	14.4	17.5	17.4	14.3	14.3

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

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

TABLE 16A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

		PERCENT GREEN COVER DURING DRY DOWN								
NAME		6/7	6/14	6/21	6/28	7/5	7/14	7/19	7/26	8/2
THOR	TF	79.3	77.0	91.7	92.3	80.7	84.7	81.7	80.7	87.3
BAR PP 110358	KB	94.0	96.0	96.3	88.0	76.0	80.3	87.3	87.0	83.3
BARRARI	KB	92.7	94.7	96.3	96.0	84.7	84.7	77.3	77.3	89.7
GO-AOMK	TF	91.7	92.3	91.7	92.3	81.3	81.3	77.0	77.0	88.7
DLFPS 321/3677	TF	93.3	95.3	94.7	92.7	81.3	83.3	80.7	78.3	88.3
DLFPS 321/3679	TF	95.3	96.3	94.0	94.3	83.3	83.0	76.3	73.0	83.7
MRSI TF15	TF	84.0	87.3	91.0	93.0	82.7	81.7	76.3	74.7	84.7
NAI-13-132	KB	88.0	86.3	91.3	85.3	63.0	64.0	77.7	72.0	74.7
BLUE DEVIL	KB	83.0	81.3	90.0	87.0	69.7	71.0	79.0	70.0	78.0
STETSON II	TF	69.0	69.0	88.7	91.3	80.3	87.3	88.3	87.0	89.0
DLFPS 321/3678	TF	81.7	85.7	90.0	90.3	72.0	75.0	71.0	77.0	85.7
PST-K13-143	KB	90.7	92.0	92.0	88.3	73.3	72.3	71.0	69.3	82.0
BLUE NOTE	KB	97.0	97.7	97.3	92.3	76.7	73.3	84.0	79.7	75.7
LTP-SYN-A3	TF	91.3	93.7	93.3	94.0	81.7	81.0	74.7	81.7	90.0
THUNDERSTRUCK	TF	83.7	86.3	86.3	84.7	64.7	70.7	75.0	71.0	78.7
BARROBUSTO	TF	55.0	48.7	78.0	73.0	48.0	61.7	77.0	72.0	81.3
KINGDOM	TF	64.7	65.3	82.7	82.0	64.0	68.7	65.7	61.7	68.3
PST-K13-137	KB	80.7	80.7	91.7	90.0	76.7	75.3	84.0	77.3	77.0
SUPERSONIC	TF	67.7	64.0	81.0	81.7	64.7	69.0	70.3	67.3	73.3
NAI-13-14	KB	75.7	72.7	87.7	77.3	56.7	62.7	75.3	57.7	60.0
NONET	TF	92.3	93.7	91.3	82.3	58.7	56.3	63.0	67.0	76.3
PST-5SDS	TF	62.3	63.0	81.7	79.3	58.0	60.0	62.0	62.3	68.3
PST-K13-141	KB	93.0	93.3	91.3	89.7	71.7	70.0	71.3	69.0	74.7
TITANIUM 2LS	TF	72.0	69.3	75.0	71.3	62.7	62.7	61.7	57.7	64.3
RS4	TF	67.0	71.0	86.3	83.0	59.3	74.0	78.7	69.3	74.3
EVEREST	KB	83.7	81.0	89.7	87.3	66.0	71.0	65.0	63.7	68.3
BAR FA 121095	TF	58.3	60.7	77.3	66.3	38.3	53.0	66.7	58.7	64.0
PST-K11-118	KB	69.0	66.0	82.0	66.3	58.3	61.3	72.3	59.3	62.3
DAUNTLESS	KB	80.0	83.0	88.7	73.3	53.3	60.0	67.7	48.0	56.3
PST-R511	TF	80.3	74.0	77.3	69.0	43.7	46.0	59.7	54.0	53.3
CATALYST	TF	45.0	56.0	76.0	63.7	35.3	47.0	60.3	52.7	57.7
BABE	KB	83.0	83.7	85.3	50.7	29.0	37.0	54.7	39.7	42.0
MIDNIGHT	KB	65.0	58.0	79.7	57.0	30.0	35.3	54.7	41.3	44.3
PST-K15-169	KB	64.0	65.0	88.0	66.7	39.0	44.7	63.7	49.7	45.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		63.7	58.7	79.0	74.3	42.0	60.0	60.7	54.7	49.7
LSD VALUE		80.6	97.1	43.6	50.4	73.4	55.0	46.2	46.5	46.3
C.V. (%)		30.0	33.6	13.6	21.9	40.2	30.3	20.5	26.4	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 16A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

		PERCENT GREEN COVER DURING DRY DOWN							
NAME		8/9	8/16	8/23	8/30	9/6	9/13	9/21	9/27
THOR	TF	86.3	85.7	93.3	98.3	97.0	96.3	89.3	90.3
BAR PP 110358	KB	66.3	63.7	80.0	94.7	80.3	81.0	53.3	54.7
BARRARI	KB	85.0	88.3	94.3	96.7	96.0	94.3	83.0	82.3
GO-AOMK	TF	85.7	88.3	93.3	98.7	96.3	95.3	91.3	91.3
DLFPS 321/3677	TF	85.7	89.0	94.7	98.3	97.0	96.3	94.0	93.7
DLFPS 321/3679	TF	86.3	90.0	95.3	98.7	98.0	97.0	92.0	93.7
MRSI TF15	TF	80.3	86.3	92.3	98.3	97.0	95.3	86.0	85.7
NAI-13-132	KB	67.3	82.0	93.0	98.3	95.7	93.0	67.7	66.3
BLUE DEVIL	KB	75.0	65.7	85.7	97.0	93.3	90.3	69.7	67.3
STETSON II	TF	89.3	93.7	96.0	98.7	97.0	96.3	91.0	91.3
DLFPS 321/3678	TF	77.7	84.0	90.7	97.3	96.3	96.0	91.3	92.0
PST-K13-143	KB	77.0	76.3	84.7	95.3	89.3	90.7	78.0	79.0
BLUE NOTE	KB	59.7	64.0	65.7	88.3	69.0	73.3	60.0	61.0
LTP-SYN-A3	TF	90.3	95.7	97.7	99.0	97.7	96.0	89.7	89.0
THUNDERSTRUCK	TF	76.3	79.0	89.0	96.7	94.3	91.7	82.7	82.0
BARROBUSTO	TF	82.7	82.7	91.3	98.0	97.3	96.7	89.7	90.7
KINGDOM	TF	69.7	80.7	85.0	91.3	92.3	93.7	86.3	87.7
PST-K13-137	KB	73.0	66.0	79.0	92.0	92.0	91.0	74.7	72.3
SUPERSONIC	TF	75.7	79.7	86.7	94.3	95.7	93.3	78.3	80.0
NAI-13-14	KB	55.0	53.7	68.7	83.3	86.7	88.3	53.3	57.0
NONET	TF	66.7	61.0	78.0	94.7	87.3	88.7	78.7	72.3
PST-5SDS	TF	70.3	82.3	89.0	96.7	96.7	95.3	84.0	84.7
PST-K13-141	KB	68.3	76.7	89.0	97.3	94.3	90.0	70.7	69.7
TITANIUM 2LS	TF	63.0	66.7	69.7	75.0	76.7	78.7	72.3	71.0
RS4	TF	77.3	84.0	94.3	98.3	97.3	95.7	84.0	86.7
EVEREST	KB	64.7	60.7	71.0	85.3	88.0	77.0	50.7	50.3
BAR FA 121095	TF	61.0	63.0	83.0	95.7	92.7	89.7	85.7	86.3
PST-K11-118	KB	58.0	50.7	48.0	65.3	62.0	67.3	55.0	54.7
DAUNTLESS	KB	47.7	59.0	72.0	83.3	78.0	62.3	39.3	49.0
PST-R511	TF	39.0	34.7	45.7	68.3	64.7	67.3	48.0	44.3
CATALYST	TF	56.7	66.0	81.3	94.0	91.7	88.3	69.7	65.7
BABE	KB	23.0	27.7	50.3	74.3	61.7	50.0	30.0	30.3
MIDNIGHT	KB	28.7	43.0	53.0	67.3	74.0	72.7	38.3	40.0
PST-K15-169	KB	34.3	51.0	63.0	81.3	75.7	73.0	42.0	43.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		56.0	68.0	80.7	85.7	89.0	80.7	66.3	71.7
LSD VALUE		53.0	50.6	41.9	28.0	43.1	31.9	34.4	35.9
C.V. (%)		33.7	30.9	23.3	14.0	18.3	17.0	26.1	26.4

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

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

TABLE 16A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

NAME		WINTER COLOR	6/7	6/14	QUALITY RATINGS DURING DRY DOWN		7/5	7/14	7/19	7/26
					6/21	6/28				
THOR	TF	8.3	5.7	6.7	7.7	7.0	6.0	6.3	6.0	5.3
BAR PP 110358	KB	6.0	6.0	7.0	7.3	6.0	6.0	7.0	6.7	6.0
BARRARI	KB	5.0	6.0	6.7	7.3	7.0	6.0	6.3	6.0	5.0
GO-AOMK	TF	7.0	6.7	7.3	6.7	6.7	6.0	5.7	6.3	5.3
DLFPS 321/3677	TF	7.3	6.0	6.7	6.7	6.0	6.3	5.7	6.0	5.0
DLFPS 321/3679	TF	7.0	6.7	6.7	6.3	6.7	6.0	6.7	6.3	4.3
MRSI TF15	TF	6.3	5.7	6.3	7.3	6.7	6.3	6.0	5.7	5.0
NAI-13-132	KB	5.0	5.7	6.3	7.0	5.7	4.7	6.3	6.3	5.0
BLUE DEVIL	KB	5.7	5.7	6.0	7.0	5.7	4.7	6.0	6.0	5.3
STETSON II	TF	7.0	5.3	6.3	6.7	6.3	6.3	6.7	5.7	5.0
DLFPS 321/3678	TF	6.3	5.3	6.0	6.0	6.3	5.7	5.7	5.7	4.7
PST-K13-143	KB	6.0	6.0	6.7	7.0	6.0	6.3	6.0	6.0	4.7
BLUE NOTE	KB	5.7	6.7	7.0	6.7	6.7	6.0	6.3	6.3	5.0
LTP-SYN-A3	TF	7.3	5.7	6.0	6.3	5.7	5.7	5.3	5.3	4.7
THUNDERSTRUCK	TF	7.0	5.7	6.0	6.0	6.0	5.7	5.7	5.7	5.0
BARROBUSTO	TF	6.3	4.3	5.7	5.3	5.3	4.7	5.7	5.3	4.7
KINGDOM	TF	6.7	5.3	6.0	6.3	6.0	5.7	5.3	5.0	4.0
PST-K13-137	KB	5.7	5.0	5.7	6.0	5.7	6.0	5.7	6.0	5.0
SUPERSONIC	TF	7.3	4.7	5.7	6.3	5.7	5.3	5.3	5.0	4.3
NAI-13-14	KB	4.7	6.0	6.0	6.7	5.3	5.3	5.7	5.7	4.7
NONET	TF	7.0	5.7	6.3	6.0	5.3	4.7	5.0	5.3	4.7
PST-5SDS	TF	6.0	4.3	5.3	6.3	6.0	5.0	4.7	5.0	4.0
PST-K13-141	KB	5.3	6.0	6.3	6.3	5.3	5.3	6.3	5.7	4.7
TITANIUM 2LS	TF	7.7	5.3	6.0	6.3	5.7	5.3	5.3	5.0	4.0
RS4	TF	7.3	4.7	5.3	6.0	5.3	4.3	5.3	4.7	4.0
EVEREST	KB	5.0	5.7	6.0	6.7	5.3	5.7	6.0	4.7	4.7
BAR FA 121095	TF	6.0	4.3	5.3	6.0	4.7	5.0	5.3	5.0	4.3
PST-K11-118	KB	6.3	5.3	5.3	6.3	5.3	4.7	5.7	5.3	4.7
DAUNTLESS	KB	5.7	5.3	6.0	6.7	5.3	5.0	6.0	5.3	4.3
PST-R511	TF	7.0	5.7	6.0	6.0	5.7	4.3	5.0	5.3	4.7
CATALYST	TF	6.7	4.0	4.7	5.7	5.3	4.0	5.0	4.7	4.0
BABE	KB	5.3	5.7	6.0	6.7	4.7	4.3	5.7	5.3	4.7
MIDNIGHT	KB	5.0	4.3	4.7	5.0	4.7	4.3	4.7	4.3	4.0
PST-K15-169	KB	4.7	5.0	5.0	6.0	4.7	4.0	5.0	4.7	4.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.7	3.7	3.7	4.3	4.0	3.3	3.7	4.0	3.0
LSD VALUE		1.1	5.3	4.7	4.1	3.1	4.3	2.5	1.8	1.7
C.V. (%)		11.3	26.2	22.3	18.6	18.9	25.5	17.0	14.6	15.7

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

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

TABLE 16A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

		QUALITY RATINGS DURING DRY DOWN								
NAME		8/2	8/9	8/16	8/23	8/30	9/6	9/13	9/21	9/27
THOR	TF	6.7	6.0	6.0	7.0	6.7	7.7	7.3	7.3	6.7
BAR PP 110358	KB	7.3	5.0	5.7	6.7	5.0	5.0	6.3	5.7	5.0
BARRARI	KB	6.7	5.0	6.3	6.7	5.7	6.0	7.0	6.7	6.7
GO-AOMK	TF	7.0	5.7	6.0	7.0	6.7	6.7	7.0	7.0	6.7
DLFPS 321/3677	TF	6.0	6.0	6.3	6.7	6.3	6.7	6.7	7.7	7.0
DLFPS 321/3679	TF	6.0	6.0	5.3	7.0	7.3	6.7	6.7	6.3	7.0
MRSI TF15	TF	6.3	5.3	6.0	6.7	6.3	6.7	7.0	7.0	6.7
NAI-13-132	KB	6.0	5.0	5.7	7.3	6.0	6.0	7.0	6.0	6.0
BLUE DEVIL	KB	6.7	5.7	5.3	7.3	5.7	6.0	6.7	5.3	5.3
STETSON II	TF	6.7	6.3	5.7	6.7	6.7	6.7	7.3	6.7	7.0
DLFPS 321/3678	TF	6.3	5.7	5.3	7.0	6.7	5.7	7.0	7.0	6.3
PST-K13-143	KB	6.0	5.0	5.3	6.3	5.7	6.0	6.3	6.0	5.7
BLUE NOTE	KB	6.7	5.3	5.0	5.7	5.0	5.7	6.0	5.3	5.3
LTP-SYN-A3	TF	6.0	5.7	6.0	6.3	5.7	6.3	6.7	6.3	5.7
THUNDERSTRUCK	TF	5.7	5.3	5.3	6.7	5.7	6.3	6.3	6.3	5.3
BARROBUSTO	TF	5.7	5.7	5.3	6.3	6.3	6.0	6.3	6.7	6.7
KINGDOM	TF	5.0	5.3	5.3	5.7	5.0	6.0	6.0	6.0	6.0
PST-K13-137	KB	5.7	4.7	5.0	6.7	5.7	6.0	6.7	6.0	5.0
SUPERSONIC	TF	5.7	5.7	5.3	6.0	5.7	6.3	6.0	6.3	5.3
NAI-13-14	KB	5.3	4.7	5.3	5.7	5.3	5.3	5.7	5.0	4.7
NONET	TF	5.7	5.0	4.7	6.0	5.3	5.3	6.0	6.0	6.0
PST-5SDS	TF	5.0	5.0	5.3	6.0	6.3	6.0	6.0	6.0	5.7
PST-K13-141	KB	5.7	5.0	5.0	6.0	5.3	5.3	5.7	5.3	5.3
TITANIUM 2LS	TF	5.3	5.0	4.7	5.7	5.7	5.7	6.3	5.3	5.7
RS4	TF	5.0	4.7	5.7	6.7	5.7	6.0	6.0	5.7	5.7
EVEREST	KB	4.3	4.3	4.3	5.7	4.7	5.7	5.7	4.3	4.3
BAR FA 121095	TF	5.3	4.7	4.7	5.3	4.7	5.3	5.7	5.7	5.3
PST-K11-118	KB	5.0	5.0	4.7	5.0	5.0	4.7	5.3	5.0	5.0
DAUNTLESS	KB	5.3	4.3	4.7	5.3	4.7	4.7	4.3	4.3	4.0
PST-R511	TF	5.3	4.0	3.7	5.0	4.3	5.0	5.0	4.7	4.0
CATALYST	TF	5.0	4.7	4.3	5.7	5.7	5.7	5.3	5.0	5.0
BABE	KB	4.7	4.0	4.0	5.0	4.3	4.7	4.3	3.7	4.3
MIDNIGHT	KB	4.3	3.3	4.3	5.3	4.3	4.7	4.7	4.7	4.0
PST-K15-169	KB	4.3	3.7	4.3	5.0	4.7	4.0	5.0	4.3	4.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		3.3	3.0	3.3	3.7	3.3	3.7	3.7	3.0	3.3
LSD VALUE		3.1	3.1	3.7	2.4	2.5	1.9	2.1	1.7	2.1
C.V. (%)		21.7	22.6	23.2	17.4	20.0	16.8	17.5	17.5	20.0

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.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

NAME		PERCENT GREEN COVER DURING RECOVERY				QUALITY RATING DURING RECOVERY PERIOD				MEAN
		10/11	10/22	11/9	11/26	10/11	10/22	11/9	11/26	
THOR	TF	79.3	95.0	94.0	85.3	7.0	6.3	6.0	5.7	6.6
BAR PP 110358	KB	89.7	98.3	98.0	95.7	6.3	7.7	7.3	8.3	6.5
BARRARI	KB	92.3	95.3	96.0	93.0	7.3	7.0	7.7	7.7	6.5
GO-AOMK	TF	86.0	91.3	89.7	81.3	6.7	6.0	5.7	5.7	6.5
DLFPS 321/3677	TF	76.7	92.7	94.0	84.7	6.7	6.0	5.3	6.0	6.4
DLFPS 321/3679	TF	77.0	93.3	93.0	83.0	7.0	6.0	6.0	5.7	6.4
MRSI TF15	TF	77.7	93.7	94.3	88.0	7.0	6.3	6.0	5.7	6.4
NAI-13-132	KB	87.0	97.3	96.7	93.3	7.0	7.3	7.3	8.0	6.4
BLUE DEVIL	KB	80.0	97.0	96.0	94.3	7.0	7.3	7.3	8.3	6.3
STETSON II	TF	73.0	92.7	93.3	83.0	7.0	5.7	5.7	5.3	6.3
DLFPS 321/3678	TF	54.7	95.0	94.0	84.0	7.0	6.0	6.0	5.7	6.2
PST-K13-143	KB	73.0	93.0	93.7	90.7	6.0	6.3	6.7	7.0	6.2
BLUE NOTE	KB	75.7	89.0	95.7	93.3	5.7	5.7	6.7	6.7	6.1
LTP-SYN-A3	TF	84.3	95.0	95.7	86.0	7.0	5.7	5.7	5.7	6.0
THUNDERSTRUCK	TF	74.3	91.7	92.0	86.3	6.3	6.0	6.0	5.7	6.0
BARROBUSTO	TF	78.0	93.0	94.0	83.7	6.3	5.7	6.0	6.0	5.9
KINGDOM	TF	55.3	93.3	94.7	85.7	6.3	5.3	5.7	5.3	5.8
PST-K13-137	KB	77.0	91.7	91.0	85.0	6.3	5.7	6.0	7.0	5.8
SUPERSONIC	TF	81.7	95.0	95.0	84.0	6.7	5.3	6.0	5.3	5.8
NAI-13-14	KB	83.7	96.0	95.0	92.0	5.7	6.7	6.3	7.7	5.7
NONET	TF	68.7	91.3	92.7	83.7	5.7	5.7	5.3	5.3	5.7
PST-5SDS	TF	90.0	94.0	94.3	86.0	6.3	6.3	5.7	6.3	5.7
PST-K13-141	KB	69.7	91.7	92.3	88.0	5.0	6.0	5.7	6.7	5.7
TITANIUM 2LS	TF	78.7	84.3	89.0	82.0	6.0	5.0	5.7	6.3	5.7
RS4	TF	66.7	97.0	95.7	90.0	6.7	6.3	5.7	5.7	5.6
EVEREST	KB	56.3	92.3	92.0	92.7	4.7	6.0	5.7	6.7	5.5
BAR FA 121095	TF	70.0	95.0	95.0	86.0	6.3	5.0	5.7	5.3	5.4
PST-K11-118	KB	85.3	84.0	89.3	88.3	4.7	5.3	5.7	6.0	5.4
DAUNTLESS	KB	78.3	80.3	90.3	89.7	4.3	5.0	5.7	6.0	5.3
PST-R511	TF	87.7	70.3	82.7	81.3	4.3	4.3	5.0	5.0	5.3
CATALYST	TF	76.7	93.3	94.7	89.0	5.0	5.3	5.3	5.3	5.2
BABE	KB	64.0	85.3	94.7	92.0	4.0	4.7	5.0	5.7	5.1
MIDNIGHT	KB	81.3	93.0	94.3	93.7	4.0	5.0	5.0	6.3	4.8
PST-K15-169	KB	89.3	87.0	91.7	88.0	4.3	5.0	5.0	6.0	4.8
SR 4650 (P.RYEGRASS STANDARD ENTRY)		69.0	94.0	96.3	95.7	4.0	4.0	4.7	5.0	4.0
LSD VALUE		62.5	19.1	16.5	12.9	2.2	1.6	1.3	1.5	1.5
C.V. (%)		22.9	8.3	5.2	6.4	19.4	14.7	12.3	13.9	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 16B.

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

NAME		GENETIC COLOR	PERCENT PREDROUGHT COVER						PREDROUGHT QUALITY RATINGS					
			11/3	12/4	2/20	3/23	4/23	5/31	11/3	12/4	2/20	3/23	4/23	5/31
BAR PP 110358	KB	4.0	97.7	98.7	55.7	89.0	88.7	98.0	8.3	8.0	3.0	7.3	6.0	8.3
BARRARI	KB	3.3	91.3	95.7	53.3	87.0	87.7	96.3	6.7	7.7	2.7	6.7	6.7	8.0
NAI-13-132	KB	6.7	95.3	96.7	55.7	68.3	79.0	95.3	8.7	8.3	3.0	5.3	6.3	8.7
BLUE DEVIL	KB	6.3	93.7	92.7	54.7	76.7	83.3	92.7	7.3	7.7	3.3	6.3	7.3	7.3
PST-K13-143	KB	5.0	88.7	94.0	60.7	84.3	76.7	95.3	7.0	8.7	4.0	6.0	6.0	8.3
BLUE NOTE	KB	5.0	95.0	96.3	52.7	84.0	90.3	98.0	7.7	8.3	3.3	6.7	6.3	8.0
PST-K13-137	KB	5.3	89.0	91.0	47.0	73.3	75.0	91.0	7.0	7.0	2.7	6.3	5.0	6.7
NAI-13-14	KB	5.7	96.3	96.3	49.0	66.7	74.0	92.0	7.0	7.7	2.3	5.3	5.3	7.3
PST-K13-141	KB	4.3	92.0	95.3	63.0	83.0	84.7	97.0	7.0	7.3	3.0	5.7	5.7	7.3
EVEREST	KB	6.0	94.7	94.7	48.3	65.7	73.7	93.3	7.7	8.7	3.3	5.7	6.3	6.3
PST-K11-118	KB	4.7	93.3	97.0	62.7	84.0	87.0	94.0	7.0	7.7	3.3	7.0	5.7	6.7
DAUNTLESS	KB	4.3	90.0	93.3	49.3	77.3	75.7	92.0	7.0	7.0	3.0	6.3	6.3	8.0
BABE	KB	4.7	93.0	95.3	46.0	69.7	76.7	96.0	7.0	8.0	3.0	6.0	6.0	7.3
MIDNIGHT	KB	6.7	95.7	95.7	55.3	65.3	66.7	90.7	6.7	7.3	2.7	5.3	5.0	6.7
PST-K15-169	KB	4.7	87.0	90.0	31.7	57.7	66.7	89.0	5.7	6.0	1.7	5.0	5.0	6.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.0	94.7	96.7	59.3	88.7	61.0	85.3	6.7	7.3	3.7	5.3	4.0	4.3
LSD VALUE		1.4	5.0	4.4	15.1	17.6	24.9	9.4	3.4	3.1	1.9	3.0	2.0	2.0
C.V. (%)		16.0	3.0	2.4	15.0	12.5	14.2	4.6	16.7	14.8	25.5	18.2	16.4	14.7

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

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

TABLE 16B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

		PERCENT GREEN COVER DURING DRY DOWN								
NAME		6/7	6/14	6/21	6/28	7/5	7/14	7/19	7/26	8/2
BAR PP 110358	KB	94.0	96.0	96.3	88.0	76.0	80.3	87.3	87.0	83.3
BARRARI	KB	92.7	94.7	96.3	96.0	84.7	84.7	77.3	77.3	89.7
NAI-13-132	KB	88.0	86.3	91.3	85.3	63.0	64.0	77.7	72.0	74.7
BLUE DEVIL	KB	83.0	81.3	90.0	87.0	69.7	71.0	79.0	70.0	78.0
PST-K13-143	KB	90.7	92.0	92.0	88.3	73.3	72.3	71.0	69.3	82.0
BLUE NOTE	KB	97.0	97.7	97.3	92.3	76.7	73.3	84.0	79.7	75.7
PST-K13-137	KB	80.7	80.7	91.7	90.0	76.7	75.3	84.0	77.3	77.0
NAI-13-14	KB	75.7	72.7	87.7	77.3	56.7	62.7	75.3	57.7	60.0
PST-K13-141	KB	93.0	93.3	91.3	89.7	71.7	70.0	71.3	69.0	74.7
EVEREST	KB	83.7	81.0	89.7	87.3	66.0	71.0	65.0	63.7	68.3
PST-K11-118	KB	69.0	66.0	82.0	66.3	58.3	61.3	72.3	59.3	62.3
DAUNTLESS	KB	80.0	83.0	88.7	73.3	53.3	60.0	67.7	48.0	56.3
BABE	KB	83.0	83.7	85.3	50.7	29.0	37.0	54.7	39.7	42.0
MIDNIGHT	KB	65.0	58.0	79.7	57.0	30.0	35.3	54.7	41.3	44.3
PST-K15-169	KB	64.0	65.0	88.0	66.7	39.0	44.7	63.7	49.7	45.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		63.7	58.7	79.0	74.3	42.0	60.0	60.7	54.7	49.7
LSD VALUE		56.4	70.2	22.2	37.4	63.0	50.1	37.4	47.9	51.6
C.V. (%)		24.2	29.7	9.5	21.2	41.8	31.9	20.7	31.2	32.1

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

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

TABLE 16B. PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 60% OF ET
(CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

		PERCENT GREEN COVER DURING DRY DOWN							
NAME		8/9	8/16	8/23	8/30	9/6	9/13	9/21	9/27
BAR PP 110358	KB	66.3	63.7	80.0	94.7	80.3	81.0	53.3	54.7
BARRARI	KB	85.0	88.3	94.3	96.7	96.0	94.3	83.0	82.3
NAI-13-132	KB	67.3	82.0	93.0	98.3	95.7	93.0	67.7	66.3
BLUE DEVIL	KB	75.0	65.7	85.7	97.0	93.3	90.3	69.7	67.3
PST-K13-143	KB	77.0	76.3	84.7	95.3	89.3	90.7	78.0	79.0
BLUE NOTE	KB	59.7	64.0	65.7	88.3	69.0	73.3	60.0	61.0
PST-K13-137	KB	73.0	66.0	79.0	92.0	92.0	91.0	74.7	72.3
NAI-13-14	KB	55.0	53.7	68.7	83.3	86.7	88.3	53.3	57.0
PST-K13-141	KB	68.3	76.7	89.0	97.3	94.3	90.0	70.7	69.7
EVEREST	KB	64.7	60.7	71.0	85.3	88.0	77.0	50.7	50.3
PST-K11-118	KB	58.0	50.7	48.0	65.3	62.0	67.3	55.0	54.7
DAUNTLESS	KB	47.7	59.0	72.0	83.3	78.0	62.3	39.3	49.0
BABE	KB	23.0	27.7	50.3	74.3	61.7	50.0	30.0	30.3
MIDNIGHT	KB	28.7	43.0	53.0	67.3	74.0	72.7	38.3	40.0
PST-K15-169	KB	34.3	51.0	63.0	81.3	75.7	73.0	42.0	43.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		56.0	68.0	80.7	85.7	89.0	80.7	66.3	71.7
LSD VALUE		63.3	60.0	46.3	32.1	55.6	46.4	58.0	59.3
C.V. (%)		43.4	37.2	26.9	16.0	23.9	23.2	39.4	38.1

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

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

TABLE 16B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

NAME		WINTER COLOR	6/7	6/14	QUALITY RATINGS DURING DRY DOWN		6/21	6/28	7/5	7/14	7/19	7/26
BAR PP 110358	KB	6.0	6.0	7.0	7.3	6.0	6.0	6.0	7.0	6.7	6.0	6.0
BARRARI	KB	5.0	6.0	6.7	7.3	7.0	6.0	6.0	6.3	6.0	5.0	5.0
NAI-13-132	KB	5.0	5.7	6.3	7.0	5.7	4.7	6.3	6.3	6.3	5.0	5.0
BLUE DEVIL	KB	5.7	5.7	6.0	7.0	5.7	4.7	6.0	6.0	6.0	5.3	5.3
PST-K13-143	KB	6.0	6.0	6.7	7.0	6.0	6.3	6.0	6.0	6.0	4.7	4.7
BLUE NOTE	KB	5.7	6.7	7.0	6.7	6.7	6.0	6.3	6.3	6.3	5.0	5.0
PST-K13-137	KB	5.7	5.0	5.7	6.0	5.7	6.0	5.7	6.0	6.0	5.0	5.0
NAI-13-14	KB	4.7	6.0	6.0	6.7	5.3	5.3	5.7	5.7	5.7	4.7	4.7
PST-K13-141	KB	5.3	6.0	6.3	6.3	5.3	5.3	6.3	5.7	5.7	4.7	4.7
EVEREST	KB	5.0	5.7	6.0	6.7	5.3	5.7	6.0	4.7	4.7	4.7	4.7
PST-K11-118	KB	6.3	5.3	5.3	6.3	5.3	4.7	5.7	5.3	5.3	4.7	4.7
DAUNTLESS	KB	5.7	5.3	6.0	6.7	5.3	5.0	6.0	5.3	5.3	4.3	4.3
BABE	KB	5.3	5.7	6.0	6.7	4.7	4.3	5.7	5.3	5.3	4.7	4.7
MIDNIGHT	KB	5.0	4.3	4.7	5.0	4.7	4.3	4.7	4.3	4.3	4.0	4.0
PST-K15-169	KB	4.7	5.0	5.0	6.0	4.7	4.0	5.0	4.7	4.7	4.3	4.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.7	3.7	3.7	4.3	4.0	3.3	3.7	4.0	4.0	3.0	3.0
LSD VALUE		2.1	3.1	2.1	2.8	2.4	2.5	2.0	1.7	1.7	1.7	1.7
C.V. (%)		15.2	21.0	17.0	17.8	18.6	21.6	16.3	15.3	15.3	16.9	16.9

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

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

TABLE 16B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

		QUALITY RATINGS DURING DRY DOWN								
NAME		8/2	8/9	8/16	8/23	8/30	9/6	9/13	9/21	9/27
BAR PP 110358	KB	7.3	5.0	5.7	6.7	5.0	5.0	6.3	5.7	5.0
BARRARI	KB	6.7	5.0	6.3	6.7	5.7	6.0	7.0	6.7	6.7
NAI-13-132	KB	6.0	5.0	5.7	7.3	6.0	6.0	7.0	6.0	6.0
BLUE DEVIL	KB	6.7	5.7	5.3	7.3	5.7	6.0	6.7	5.3	5.3
PST-K13-143	KB	6.0	5.0	5.3	6.3	5.7	6.0	6.3	6.0	5.7
BLUE NOTE	KB	6.7	5.3	5.0	5.7	5.0	5.7	6.0	5.3	5.3
PST-K13-137	KB	5.7	4.7	5.0	6.7	5.7	6.0	6.7	6.0	5.0
NAI-13-14	KB	5.3	4.7	5.3	5.7	5.3	5.3	5.7	5.0	4.7
PST-K13-141	KB	5.7	5.0	5.0	6.0	5.3	5.3	5.7	5.3	5.3
EVEREST	KB	4.3	4.3	4.3	5.7	4.7	5.7	5.7	4.3	4.3
PST-K11-118	KB	5.0	5.0	4.7	5.0	5.0	4.7	5.3	5.0	5.0
DAUNTLESS	KB	5.3	4.3	4.7	5.3	4.7	4.7	4.3	4.3	4.0
BABE	KB	4.7	4.0	4.0	5.0	4.3	4.7	4.3	3.7	4.3
MIDNIGHT	KB	4.3	3.3	4.3	5.3	4.3	4.7	4.7	4.7	4.0
PST-K15-169	KB	4.3	3.7	4.3	5.0	4.7	4.0	5.0	4.3	4.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		3.3	3.0	3.3	3.7	3.3	3.7	3.7	3.0	3.3
LSD VALUE		1.9	2.6	3.5	2.7	1.9	2.1	2.5	2.1	2.7
C.V. (%)		19.1	23.2	25.6	21.0	17.1	18.2	20.9	20.6	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.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

NAME		PERCENT GREEN COVER DURING RECOVERY				QUALITY RATING DURING RECOVERY PERIOD				MEAN
		10/11	10/22	11/9	11/26	10/11	10/22	11/9	11/26	
BAR PP 110358	KB	89.7	98.3	98.0	95.7	6.3	7.7	7.3	8.3	6.5
BARRARI	KB	92.3	95.3	96.0	93.0	7.3	7.0	7.7	7.7	6.5
NAI-13-132	KB	87.0	97.3	96.7	93.3	7.0	7.3	7.3	8.0	6.4
BLUE DEVIL	KB	80.0	97.0	96.0	94.3	7.0	7.3	7.3	8.3	6.3
PST-K13-143	KB	73.0	93.0	93.7	90.7	6.0	6.3	6.7	7.0	6.2
BLUE NOTE	KB	75.7	89.0	95.7	93.3	5.7	5.7	6.7	6.7	6.1
PST-K13-137	KB	77.0	91.7	91.0	85.0	6.3	5.7	6.0	7.0	5.8
NAI-13-14	KB	83.7	96.0	95.0	92.0	5.7	6.7	6.3	7.7	5.7
PST-K13-141	KB	69.7	91.7	92.3	88.0	5.0	6.0	5.7	6.7	5.7
EVEREST	KB	56.3	92.3	92.0	92.7	4.7	6.0	5.7	6.7	5.5
PST-K11-118	KB	85.3	84.0	89.3	88.3	4.7	5.3	5.7	6.0	5.4
DAUNTLESS	KB	78.3	80.3	90.3	89.7	4.3	5.0	5.7	6.0	5.3
BABE	KB	64.0	85.3	94.7	92.0	4.0	4.7	5.0	5.7	5.1
MIDNIGHT	KB	81.3	93.0	94.3	93.7	4.0	5.0	5.0	6.3	4.8
PST-K15-169	KB	89.3	87.0	91.7	88.0	4.3	5.0	5.0	6.0	4.8
SR 4650 (P.RYEGRASS STANDARD ENTRY)		69.0	94.0	96.3	95.7	4.0	4.0	4.7	5.0	4.0
LSD VALUE		45.7	13.3	12.5	14.8	2.6	1.7	1.7	1.7	1.4
C.V. (%)		21.2	6.8	4.7	5.7	24.1	16.2	14.9	13.6	12.9

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

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

TABLE 16C.

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

NAME		GENETIC COLOR	PERCENT PREDROUGHT COVER						PREDROUGHT QUALITY RATINGS					
			11/3	12/4	2/20	3/23	4/23	5/31	11/3	12/4	2/20	3/23	4/23	5/31
THOR	TF	5.3	94.7	94.7	80.7	92.3	87.3	90.7	8.3	7.7	5.0	7.0	7.0	7.0
GO-AOMK	TF	6.0	91.3	92.0	60.7	84.7	81.0	95.3	7.3	7.7	4.0	7.0	7.3	8.0
DLFPS 321/3677	TF	5.3	96.0	97.0	75.3	92.3	89.0	95.3	7.7	7.7	5.0	7.0	6.7	7.0
DLFPS 321/3679	TF	5.0	93.7	93.0	67.7	89.7	80.7	96.7	7.7	7.7	4.3	6.7	6.7	8.0
MRSI TF15	TF	5.3	93.3	94.0	70.3	85.0	75.3	91.3	7.7	7.7	4.7	6.7	6.7	7.3
STETSON II	TF	4.7	89.7	89.3	69.7	85.7	81.0	88.3	7.3	7.0	4.7	6.7	7.0	6.7
DLFPS 321/3678	TF	6.0	92.7	95.0	71.3	84.7	83.3	94.7	6.7	7.7	5.0	6.0	7.0	7.3
LTP-SYN-A3	TF	5.0	94.7	96.0	72.7	91.0	89.7	96.3	7.0	7.3	4.7	6.7	6.3	6.7
THUNDERSTRUCK	TF	6.0	92.7	93.0	66.0	84.0	83.7	92.3	7.3	7.3	4.3	6.3	7.3	8.0
BARROBUSTO	TF	4.0	88.7	89.0	63.7	80.7	73.3	85.7	7.7	7.0	3.7	6.3	6.7	6.7
KINGDOM	TF	5.0	91.7	93.0	63.0	83.0	87.7	87.7	7.0	7.0	4.3	6.7	6.7	7.0
SUPERSONIC	TF	5.7	92.7	94.3	73.7	87.7	81.7	94.3	7.0	7.3	4.3	6.3	6.3	6.3
NONET	TF	4.7	90.3	93.7	70.0	88.0	81.3	95.7	6.7	7.7	5.0	7.0	6.3	6.7
PST-5SDS	TF	4.0	90.7	92.0	61.0	82.0	81.3	85.0	6.3	7.7	4.3	6.3	6.7	6.0
TITANIUM 2LS	TF	5.3	96.0	96.0	80.7	90.7	83.0	94.3	7.0	7.3	4.7	6.7	6.7	7.0
RS4	TF	5.0	93.3	94.3	71.7	89.3	88.0	90.0	6.7	7.0	5.0	5.7	6.3	5.7
BAR FA 121095	TF	5.0	91.3	91.0	59.0	76.3	81.7	88.0	6.7	7.3	3.7	5.7	6.0	6.7
PST-R511	TF	5.0	93.7	96.0	79.0	92.7	78.3	96.0	6.7	7.7	4.7	7.3	6.7	7.3
CATALYST	TF	4.0	85.3	92.3	67.0	83.3	83.0	86.0	6.7	7.0	4.3	5.7	6.0	6.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.0	94.7	96.7	59.3	88.7	61.0	85.3	6.7	7.3	3.7	5.3	4.0	4.3
LSD VALUE		2.6	10.2	7.3	10.4	8.8	26.9	23.1	3.8	4.2	1.7	3.8	1.5	1.7
C.V. (%)		19.0	4.2	3.3	8.6	5.3	12.2	8.2	15.5	14.1	14.7	17.7	11.5	13.0

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

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

TABLE 16C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

		PERCENT GREEN COVER DURING DRY DOWN								
NAME		6/7	6/14	6/21	6/28	7/5	7/14	7/19	7/26	8/2
THOR	TF	79.3	77.0	91.7	92.3	80.7	84.7	81.7	80.7	87.3
GO-AOMK	TF	91.7	92.3	91.7	92.3	81.3	81.3	77.0	77.0	88.7
DLFPS 321/3677	TF	93.3	95.3	94.7	92.7	81.3	83.3	80.7	78.3	88.3
DLFPS 321/3679	TF	95.3	96.3	94.0	94.3	83.3	83.0	76.3	73.0	83.7
MRSI TF15	TF	84.0	87.3	91.0	93.0	82.7	81.7	76.3	74.7	84.7
STETSON II	TF	69.0	69.0	88.7	91.3	80.3	87.3	88.3	87.0	89.0
DLFPS 321/3678	TF	81.7	85.7	90.0	90.3	72.0	75.0	71.0	77.0	85.7
LTP-SYN-A3	TF	91.3	93.7	93.3	94.0	81.7	81.0	74.7	81.7	90.0
THUNDERSTRUCK	TF	83.7	86.3	86.3	84.7	64.7	70.7	75.0	71.0	78.7
BARROBUSTO	TF	55.0	48.7	78.0	73.0	48.0	61.7	77.0	72.0	81.3
KINGDOM	TF	64.7	65.3	82.7	82.0	64.0	68.7	65.7	61.7	68.3
SUPERSONIC	TF	67.7	64.0	81.0	81.7	64.7	69.0	70.3	67.3	73.3
NONET	TF	92.3	93.7	91.3	82.3	58.7	56.3	63.0	67.0	76.3
PST-5SDS	TF	62.3	63.0	81.7	79.3	58.0	60.0	62.0	62.3	68.3
TITANIUM 2LS	TF	72.0	69.3	75.0	71.3	62.7	62.7	61.7	57.7	64.3
RS4	TF	67.0	71.0	86.3	83.0	59.3	74.0	78.7	69.3	74.3
BAR FA 121095	TF	58.3	60.7	77.3	66.3	38.3	53.0	66.7	58.7	64.0
PST-R511	TF	80.3	74.0	77.3	69.0	43.7	46.0	59.7	54.0	53.3
CATALYST	TF	45.0	56.0	76.0	63.7	35.3	47.0	60.3	52.7	57.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		63.7	58.7	79.0	74.3	42.0	60.0	60.7	54.7	49.7
LSD VALUE		80.6	94.3	48.4	58.4	74.4	60.4	48.3	52.7	46.8
C.V. (%)		35.0	38.6	16.7	22.6	41.0	30.6	21.8	25.6	24.3

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

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

TABLE 16C. PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 60% OF ET
(CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

		PERCENT GREEN COVER DURING DRY DOWN							
NAME		8/9	8/16	8/23	8/30	9/6	9/13	9/21	9/27
THOR	TF	86.3	85.7	93.3	98.3	97.0	96.3	89.3	90.3
GO-AOMK	TF	85.7	88.3	93.3	98.7	96.3	95.3	91.3	91.3
DLFPS 321/3677	TF	85.7	89.0	94.7	98.3	97.0	96.3	94.0	93.7
DLFPS 321/3679	TF	86.3	90.0	95.3	98.7	98.0	97.0	92.0	93.7
MRSI TF15	TF	80.3	86.3	92.3	98.3	97.0	95.3	86.0	85.7
STETSON II	TF	89.3	93.7	96.0	98.7	97.0	96.3	91.0	91.3
DLFPS 321/3678	TF	77.7	84.0	90.7	97.3	96.3	96.0	91.3	92.0
LTP-SYN-A3	TF	90.3	95.7	97.7	99.0	97.7	96.0	89.7	89.0
THUNDERSTRUCK	TF	76.3	79.0	89.0	96.7	94.3	91.7	82.7	82.0
BARROBUSTO	TF	82.7	82.7	91.3	98.0	97.3	96.7	89.7	90.7
KINGDOM	TF	69.7	80.7	85.0	91.3	92.3	93.7	86.3	87.7
SUPERSONIC	TF	75.7	79.7	86.7	94.3	95.7	93.3	78.3	80.0
NONET	TF	66.7	61.0	78.0	94.7	87.3	88.7	78.7	72.3
PST-5SDS	TF	70.3	82.3	89.0	96.7	96.7	95.3	84.0	84.7
TITANIUM 2LS	TF	63.0	66.7	69.7	75.0	76.7	78.7	72.3	71.0
RS4	TF	77.3	84.0	94.3	98.3	97.3	95.7	84.0	86.7
BAR FA 121095	TF	61.0	63.0	83.0	95.7	92.7	89.7	85.7	86.3
PST-R511	TF	39.0	34.7	45.7	68.3	64.7	67.3	48.0	44.3
CATALYST	TF	56.7	66.0	81.3	94.0	91.7	88.3	69.7	65.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		56.0	68.0	80.7	85.7	89.0	80.7	66.3	71.7
LSD VALUE		52.2	47.3	37.4	29.7	28.3	22.3	25.1	25.1
C.V. (%)		27.2	25.2	18.4	12.6	12.5	10.8	15.2	15.7

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

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

TABLE 16C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

NAME		WINTER COLOR	6/7	6/14	QUALITY RATINGS DURING DRY DOWN		7/5	7/14	7/19	7/26
					6/21	6/28				
THOR	TF	8.3	5.7	6.7	7.7	7.0	6.0	6.3	6.0	5.3
GO-AOMK	TF	7.0	6.7	7.3	6.7	6.7	6.0	5.7	6.3	5.3
DLFPS 321/3677	TF	7.3	6.0	6.7	6.7	6.0	6.3	5.7	6.0	5.0
DLFPS 321/3679	TF	7.0	6.7	6.7	6.3	6.7	6.0	6.7	6.3	4.3
MRSI TF15	TF	6.3	5.7	6.3	7.3	6.7	6.3	6.0	5.7	5.0
STETSON II	TF	7.0	5.3	6.3	6.7	6.3	6.3	6.7	5.7	5.0
DLFPS 321/3678	TF	6.3	5.3	6.0	6.0	6.3	5.7	5.7	5.7	4.7
LTP-SYN-A3	TF	7.3	5.7	6.0	6.3	5.7	5.7	5.3	5.3	4.7
THUNDERSTRUCK	TF	7.0	5.7	6.0	6.0	6.0	5.7	5.7	5.7	5.0
BARROBUSTO	TF	6.3	4.3	5.7	5.3	5.3	4.7	5.7	5.3	4.7
KINGDOM	TF	6.7	5.3	6.0	6.3	6.0	5.7	5.3	5.0	4.0
SUPERSONIC	TF	7.3	4.7	5.7	6.3	5.7	5.3	5.3	5.0	4.3
NONET	TF	7.0	5.7	6.3	6.0	5.3	4.7	5.0	5.3	4.7
PST-5SDS	TF	6.0	4.3	5.3	6.3	6.0	5.0	4.7	5.0	4.0
TITANIUM 2LS	TF	7.7	5.3	6.0	6.3	5.7	5.3	5.3	5.0	4.0
RS4	TF	7.3	4.7	5.3	6.0	5.3	4.3	5.3	4.7	4.0
BAR FA 121095	TF	6.0	4.3	5.3	6.0	4.7	5.0	5.3	5.0	4.3
PST-R511	TF	7.0	5.7	6.0	6.0	5.7	4.3	5.0	5.3	4.7
CATALYST	TF	6.7	4.0	4.7	5.7	5.3	4.0	5.0	4.7	4.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.7	3.7	3.7	4.3	4.0	3.3	3.7	4.0	3.0
LSD VALUE		1.1	4.3	4.6	3.6	3.1	3.8	2.3	2.0	1.6
C.V. (%)		8.4	27.6	24.9	19.2	19.6	25.8	17.4	15.1	15.9

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

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

TABLE 16C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

		QUALITY RATINGS DURING DRY DOWN								
NAME		8/2	8/9	8/16	8/23	8/30	9/6	9/13	9/21	9/27
THOR	TF	6.7	6.0	6.0	7.0	6.7	7.7	7.3	7.3	6.7
GO-AOMK	TF	7.0	5.7	6.0	7.0	6.7	6.7	7.0	7.0	6.7
DLFPS 321/3677	TF	6.0	6.0	6.3	6.7	6.3	6.7	6.7	7.7	7.0
DLFPS 321/3679	TF	6.0	6.0	5.3	7.0	7.3	6.7	6.7	6.3	7.0
MRSI TF15	TF	6.3	5.3	6.0	6.7	6.3	6.7	7.0	7.0	6.7
STETSON II	TF	6.7	6.3	5.7	6.7	6.7	6.7	7.3	6.7	7.0
DLFPS 321/3678	TF	6.3	5.7	5.3	7.0	6.7	5.7	7.0	7.0	6.3
LTP-SYN-A3	TF	6.0	5.7	6.0	6.3	5.7	6.3	6.7	6.3	5.7
THUNDERSTRUCK	TF	5.7	5.3	5.3	6.7	5.7	6.3	6.3	6.3	5.3
BARROBUSTO	TF	5.7	5.7	5.3	6.3	6.3	6.0	6.3	6.7	6.7
KINGDOM	TF	5.0	5.3	5.3	5.7	5.0	6.0	6.0	6.0	6.0
SUPERSONIC	TF	5.7	5.7	5.3	6.0	5.7	6.3	6.0	6.3	5.3
NONET	TF	5.7	5.0	4.7	6.0	5.3	5.3	6.0	6.0	6.0
PST-5SDS	TF	5.0	5.0	5.3	6.0	6.3	6.0	6.0	6.0	5.7
TITANIUM 2LS	TF	5.3	5.0	4.7	5.7	5.7	5.7	6.3	5.3	5.7
RS4	TF	5.0	4.7	5.7	6.7	5.7	6.0	6.0	5.7	5.7
BAR FA 121095	TF	5.3	4.7	4.7	5.3	4.7	5.3	5.7	5.7	5.3
PST-R511	TF	5.3	4.0	3.7	5.0	4.3	5.0	5.0	4.7	4.0
CATALYST	TF	5.0	4.7	4.3	5.7	5.7	5.7	5.3	5.0	5.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		3.3	3.0	3.3	3.7	3.3	3.7	3.7	3.0	3.3
LSD VALUE		3.7	2.8	2.8	2.1	2.6	1.5	1.8	1.5	1.8
C.V. (%)		23.4	21.2	21.5	16.2	20.2	13.6	14.7	14.4	16.5

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

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

TABLE 16C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

NAME		PERCENT GREEN COVER DURING RECOVERY				QUALITY RATING DURING RECOVERY PERIOD				MEAN
		10/11	10/22	11/9	11/26	10/11	10/22	11/9	11/26	
THOR	TF	79.3	95.0	94.0	85.3	7.0	6.3	6.0	5.7	6.6
GO-AOMK	TF	86.0	91.3	89.7	81.3	6.7	6.0	5.7	5.7	6.5
DLFPS 321/3677	TF	76.7	92.7	94.0	84.7	6.7	6.0	5.3	6.0	6.4
DLFPS 321/3679	TF	77.0	93.3	93.0	83.0	7.0	6.0	6.0	5.7	6.4
MRSI TF15	TF	77.7	93.7	94.3	88.0	7.0	6.3	6.0	5.7	6.4
STETSON II	TF	73.0	92.7	93.3	83.0	7.0	5.7	5.7	5.3	6.3
DLFPS 321/3678	TF	54.7	95.0	94.0	84.0	7.0	6.0	6.0	5.7	6.2
LTP-SYN-A3	TF	84.3	95.0	95.7	86.0	7.0	5.7	5.7	5.7	6.0
THUNDERSTRUCK	TF	74.3	91.7	92.0	86.3	6.3	6.0	6.0	5.7	6.0
BARROBUSTO	TF	78.0	93.0	94.0	83.7	6.3	5.7	6.0	6.0	5.9
KINGDOM	TF	55.3	93.3	94.7	85.7	6.3	5.3	5.7	5.3	5.8
SUPERSONIC	TF	81.7	95.0	95.0	84.0	6.7	5.3	6.0	5.3	5.8
NONET	TF	68.7	91.3	92.7	83.7	5.7	5.7	5.3	5.3	5.7
PST-5SDS	TF	90.0	94.0	94.3	86.0	6.3	6.3	5.7	6.3	5.7
TITANIUM 2LS	TF	78.7	84.3	89.0	82.0	6.0	5.0	5.7	6.3	5.7
RS4	TF	66.7	97.0	95.7	90.0	6.7	6.3	5.7	5.7	5.6
BAR FA 121095	TF	70.0	95.0	95.0	86.0	6.3	5.0	5.7	5.3	5.4
PST-R511	TF	87.7	70.3	82.7	81.3	4.3	4.3	5.0	5.0	5.3
CATALYST	TF	76.7	93.3	94.7	89.0	5.0	5.3	5.3	5.3	5.2
SR 4650 (P.RYEGRASS STANDARD ENTRY)		69.0	94.0	96.3	95.7	4.0	4.0	4.7	5.0	4.0
LSD VALUE		56.4	22.0	15.4	17.9	1.9	1.6	1.4	2.4	1.5
C.V. (%)		23.6	9.2	5.6	6.9	15.6	13.5	9.6	13.2	12.2

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

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

TABLE 17A.

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

NAME		GENETIC COLOR	PERCENT PREDROUGHT COVER						PREDROUGHT QUALITY RATINGS					
			11/3	12/4	2/20	3/23	4/23	5/31	11/3	12/4	2/20	3/23	4/23	5/31
NAI-13-14	KB	6.3	95.7	97.0	49.0	49.7	65.7	94.7	9.0	9.0	4.0	4.0	6.3	8.7
NAI-13-132	KB	5.3	93.3	95.3	49.0	50.7	72.3	93.3	7.7	8.3	3.7	4.7	5.7	7.3
BLUE DEVIL	KB	6.3	94.7	96.0	49.0	46.7	81.3	95.7	8.3	8.0	4.0	3.7	7.3	8.0
MIDNIGHT	KB	5.3	93.3	93.0	43.7	37.0	60.0	84.7	8.3	8.3	3.3	4.7	6.3	7.0
THOR	TF	5.7	92.3	95.0	67.0	88.3	78.0	92.7	8.0	8.3	4.7	6.0	7.0	8.0
BAR PP 110358	KB	4.0	96.7	98.0	56.0	70.3	74.7	97.3	7.7	7.7	3.7	5.0	5.0	7.3
MRS L TF15	TF	4.7	91.7	92.7	63.3	84.7	75.0	96.0	8.0	7.7	4.3	6.3	6.3	7.7
PST-K13-141	KB	5.3	91.3	94.0	55.7	55.7	64.7	92.0	8.0	8.0	4.0	5.0	6.0	7.7
DLFPS 321/3678	TF	5.3	93.0	94.0	63.7	82.7	75.7	94.0	8.0	7.7	4.3	6.0	6.7	8.3
PST-K11-118	KB	5.0	96.7	98.0	56.3	68.3	77.3	97.3	7.7	8.0	4.3	5.7	6.0	8.0
RS4	TF	5.0	94.0	95.3	69.3	88.3	74.3	94.0	8.0	7.7	4.3	5.7	6.7	7.7
THUNDERSTRUCK	TF	5.3	89.3	92.7	53.3	78.7	80.7	96.0	8.0	7.3	4.0	6.0	7.7	8.0
TITANIUM 2LS	TF	5.0	93.7	96.0	74.3	92.3	76.3	96.3	8.0	7.7	4.7	6.7	6.7	7.7
BABE	KB	3.7	90.0	92.7	39.3	56.7	72.0	96.0	7.3	7.3	3.7	5.0	6.0	7.0
BARRARI	KB	3.3	92.3	95.7	46.3	67.3	79.3	97.7	7.3	7.7	3.7	5.3	6.3	7.3
DAUNTLESS	KB	4.0	87.3	92.7	42.3	47.0	65.0	89.7	7.3	7.7	4.0	5.0	5.3	7.3
DLFPS 321/3677	TF	4.0	94.0	95.7	68.0	88.3	80.0	96.0	8.0	7.3	4.7	6.7	7.0	7.7
DLFPS 321/3679	TF	5.3	90.3	92.3	61.0	79.0	68.3	92.7	7.3	7.7	4.3	5.3	6.3	7.7
PST-5SDS	TF	5.3	91.3	92.7	55.0	82.7	76.0	95.3	7.3	7.3	4.0	7.0	7.3	7.7
PST-K13-137	KB	5.7	89.0	87.7	36.0	57.3	75.3	92.7	7.0	7.3	3.7	4.3	6.3	7.3
PST-K13-143	KB	4.3	86.3	92.7	47.7	62.0	57.0	92.0	8.0	7.7	4.3	4.7	5.7	7.3
PST-R511	TF	5.0	94.0	95.7	63.0	84.7	81.3	95.0	7.7	8.3	4.3	6.3	6.7	8.0
SUPERSONIC	TF	3.7	90.3	92.0	58.3	85.7	70.3	92.7	7.7	7.7	4.0	6.3	6.0	7.3
BAR FA 121095	TF	5.0	90.7	91.7	46.3	85.3	88.0	96.3	7.0	7.0	2.7	6.3	7.3	7.3
BARROBUSTO	TF	5.7	93.0	93.3	57.3	85.7	82.3	96.7	7.0	7.0	4.0	6.0	7.0	7.7
GO-AOMK	TF	5.0	89.0	89.0	44.3	72.7	78.7	90.7	7.3	7.3	4.0	5.3	7.0	8.0
KINGDOM	TF	5.3	89.7	90.0	49.7	79.0	84.3	94.3	7.3	7.0	4.0	6.3	7.3	8.0
LTP-SYN-A3	TF	4.7	92.3	94.7	65.7	87.0	75.3	91.3	7.0	7.3	4.7	5.7	6.3	7.0
EVEREST	KB	5.3	92.7	93.0	42.7	42.0	72.0	89.3	8.7	8.3	3.0	4.3	6.7	7.3
PST-K15-169	KB	5.0	91.7	94.0	41.7	61.0	74.7	92.0	7.7	7.7	3.3	4.3	6.0	6.7
STETSON II	TF	4.7	92.7	91.7	58.3	84.7	83.0	95.3	7.7	6.7	4.3	5.7	7.0	7.7
CATALYST	TF	4.3	90.7	94.7	67.0	87.7	70.7	94.3	7.0	7.7	4.3	6.3	6.0	7.7
NONET	TF	5.3	88.7	91.3	51.0	76.0	76.0	93.0	6.7	7.0	4.0	5.3	7.0	7.3
BLUE NOTE	KB	4.7	93.7	94.7	39.7	61.7	83.7	96.3	7.0	7.7	3.7	4.7	6.0	7.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.0	97.0	98.3	53.3	80.3	78.7	91.7	8.3	9.0	4.0	7.3	5.3	6.3
LSD VALUE		2.7	5.9	3.8	14.9	16.7	17.4	16.0	1.2	1.3	1.2	1.5	1.0	2.5
C.V. (%)		21.0	3.2	2.3	16.3	14.9	11.1	5.0	7.8	8.2	13.9	15.6	9.0	10.1

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

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

TABLE 17A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

		PERCENT GREEN COVER DURING DRY DOWN								
NAME		6/7	6/14	6/21	6/28	7/5	7/14	7/19	7/26	8/2
NAI-13-14	KB	92.3	93.7	95.3	94.7	89.7	90.3	89.0	79.3	86.3
NAI-13-132	KB	92.3	94.0	96.0	96.3	92.3	93.3	91.3	85.7	92.0
BLUE DEVIL	KB	92.7	92.3	94.0	93.3	83.7	85.7	86.7	81.7	90.3
MIDNIGHT	KB	77.3	77.0	84.3	90.0	86.7	91.0	90.7	84.3	90.7
THOR	TF	90.3	92.0	92.0	95.3	92.0	92.7	91.0	84.3	91.0
BAR PP 110358	KB	95.7	97.3	97.3	97.0	94.0	95.3	94.7	92.3	97.0
MRS L TF15	TF	95.3	96.7	94.7	96.3	92.3	92.7	85.3	85.3	86.7
PST-K13-141	KB	86.7	87.3	93.3	94.0	90.7	93.3	93.3	88.7	95.3
DLFPS 321/3678	TF	90.7	91.0	91.7	94.3	88.3	89.3	82.3	80.3	87.3
PST-K11-118	KB	96.0	94.7	95.7	92.0	84.0	86.7	91.7	85.7	91.3
RS4	TF	92.3	92.3	93.0	94.7	89.7	91.0	88.7	85.7	92.7
THUNDERSTRUCK	TF	94.0	95.3	94.3	95.3	90.3	92.0	86.0	80.3	83.3
TITANIUM 2LS	TF	96.7	97.7	96.3	97.0	92.7	91.7	86.3	80.0	88.3
BABE	KB	94.3	96.3	96.0	93.3	83.0	83.7	87.3	80.7	88.3
BARRARI	KB	95.3	96.3	96.0	95.3	87.0	89.0	84.3	78.0	89.3
DAUNTLESS	KB	83.7	87.7	92.7	84.3	64.3	75.0	81.0	64.0	78.0
DLFPS 321/3677	TF	94.3	95.3	93.7	95.7	88.7	90.0	84.3	80.7	84.7
DLFPS 321/3679	TF	88.3	89.0	90.3	91.0	86.3	89.0	89.3	84.0	88.7
PST-5SDS	TF	92.7	94.0	94.3	94.3	86.7	87.7	85.3	82.3	90.0
PST-K13-137	KB	91.7	93.0	94.0	90.7	78.3	79.7	86.0	81.3	87.3
PST-K13-143	KB	90.0	90.7	94.3	92.3	85.0	86.3	85.0	79.0	91.0
PST-R511	TF	91.0	91.3	91.0	93.0	88.7	91.0	86.7	83.3	91.7
SUPERSONIC	TF	92.3	93.3	93.0	91.0	78.3	84.0	85.3	81.0	83.3
BAR FA 121095	TF	94.7	95.0	94.0	94.7	92.0	90.7	83.3	81.0	88.7
BARROBUSTO	TF	94.7	95.0	93.7	92.3	83.7	83.7	81.3	81.0	89.3
GO-AOMK	TF	87.7	87.7	88.7	91.0	83.3	84.0	82.0	76.7	81.3
KINGDOM	TF	91.3	92.0	92.3	93.7	86.3	87.3	82.7	77.7	85.0
LTP-SYN-A3	TF	87.0	88.0	92.0	94.7	92.3	93.3	90.3	88.0	92.7
EVEREST	KB	79.7	81.7	87.3	75.0	59.0	60.7	70.0	64.0	70.3
PST-K15-169	KB	88.3	89.3	92.0	93.7	87.7	89.0	88.3	83.3	89.7
STETSON II	TF	93.7	95.3	93.7	95.3	90.0	91.0	86.3	85.3	84.0
CATALYST	TF	92.7	94.3	95.0	96.3	94.0	94.0	85.3	76.3	82.0
NONET	TF	88.0	90.7	89.7	93.0	87.7	88.7	81.0	80.0	88.7
BLUE NOTE	KB	94.7	96.0	96.0	81.7	65.3	68.3	75.7	68.7	75.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		89.3	88.0	91.0	88.7	72.3	84.7	83.7	75.7	74.3
LSD VALUE		25.1	23.1	13.0	25.4	47.1	39.2	31.9	42.5	45.4
C.V. (%)		8.3	7.9	4.6	8.3	16.8	13.8	10.3	14.1	13.4

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

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

TABLE 17A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

		PERCENT GREEN COVER DURING DRY DOWN							
NAME		8/9	8/16	8/23	8/30	9/6	9/13	9/21	9/27
NAI-13-14	KB	94.0	97.7	98.0	98.7	98.0	95.3	78.7	78.0
NAI-13-132	KB	96.0	97.0	97.3	98.0	97.7	94.3	81.7	85.0
BLUE DEVIL	KB	93.7	94.0	94.7	98.7	97.7	96.3	84.7	86.3
MIDNIGHT	KB	96.7	97.7	97.7	99.0	98.3	95.7	88.7	90.7
THOR	TF	92.7	98.0	98.0	98.7	98.0	95.7	86.7	91.0
BAR PP 110358	KB	98.0	98.3	98.7	99.0	98.3	97.7	90.7	89.0
MRS L TF15	TF	89.3	97.3	98.3	99.0	97.3	95.7	88.0	87.3
PST-K13-141	KB	97.0	97.3	97.3	99.0	97.3	94.7	75.3	77.0
DLFPS 321/3678	TF	91.7	97.7	97.3	98.7	98.0	97.7	94.7	93.7
PST-K11-118	KB	91.0	97.3	97.7	99.0	98.0	96.3	81.3	83.0
RS4	TF	92.7	98.0	98.0	99.0	99.0	97.7	86.0	86.7
THUNDERSTRUCK	TF	85.3	95.7	96.7	98.7	96.3	94.3	84.7	83.7
TITANIUM 2LS	TF	91.0	97.3	97.3	99.0	97.7	97.0	85.0	84.7
BABE	KB	89.7	94.3	96.0	99.0	96.0	94.3	76.7	78.0
BARRARI	KB	92.3	93.7	94.3	98.7	94.0	93.3	80.7	86.7
DAUNTLESS	KB	80.7	93.3	96.0	98.7	97.7	94.0	67.7	75.7
DLFPS 321/3677	TF	90.3	98.0	97.7	99.0	98.0	96.7	87.7	86.7
DLFPS 321/3679	TF	88.7	98.0	98.0	99.0	97.3	96.0	86.7	88.0
PST-5SDS	TF	92.7	97.0	97.3	99.0	97.3	97.0	87.3	88.0
PST-K13-137	KB	88.7	94.3	95.3	98.0	96.3	95.0	81.3	78.3
PST-K13-143	KB	90.3	94.0	95.7	98.7	96.7	96.0	83.0	78.7
PST-R511	TF	96.0	98.7	98.3	99.0	97.7	97.0	83.3	82.7
SUPERSONIC	TF	85.7	97.3	98.7	99.0	98.3	97.0	88.0	88.0
BAR FA 121095	TF	93.7	98.3	98.0	99.0	98.0	96.7	93.7	94.3
BARROBUSTO	TF	95.3	97.0	98.0	99.0	98.7	98.0	92.0	91.7
GO-AOMK	TF	82.3	94.7	96.0	98.7	94.0	93.3	84.3	83.7
KINGDOM	TF	91.7	96.0	95.3	98.3	96.7	95.0	86.0	83.7
LTP-SYN-A3	TF	96.7	98.0	98.3	99.0	98.3	97.3	90.0	88.7
EVEREST	KB	71.7	84.7	89.3	95.3	95.7	92.7	78.7	81.0
PST-K15-169	KB	93.7	95.3	95.0	98.7	97.0	95.0	83.7	85.3
STETSON II	TF	87.7	96.0	97.3	99.0	97.0	95.7	85.7	87.3
CATALYST	TF	89.3	92.3	97.7	99.0	96.3	95.3	86.3	87.0
NONET	TF	90.7	97.0	96.3	99.0	97.0	96.0	87.7	88.7
BLUE NOTE	KB	75.7	73.7	78.3	93.7	88.0	88.3	70.0	81.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		80.0	95.3	96.0	96.7	96.7	82.7	73.7	84.0
LSD VALUE		38.8	13.2	9.5	2.9	7.4	5.0	31.2	33.0
C.V. (%)		12.1	6.2	4.6	1.4	2.9	2.9	11.9	10.4

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

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

TABLE 17A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

NAME		WINTER COLOR	6/7	6/14	QUALITY RATINGS DURING DRY DOWN		7/5	7/14	7/19	7/26
					6/21	6/28				
NAI-13-14	KB	3.3	7.7	8.3	8.3	7.7	8.0	8.0	6.0	6.0
NAI-13-132	KB	3.3	7.0	8.0	8.0	7.7	8.0	7.7	7.0	6.3
BLUE DEVIL	KB	2.7	7.7	7.3	7.7	6.7	7.0	7.0	6.7	5.7
MIDNIGHT	KB	2.0	6.3	6.3	8.0	6.7	7.3	7.7	7.3	6.3
THOR	TF	7.0	7.0	6.7	8.0	8.0	8.0	7.3	6.7	5.7
BAR PP 110358	KB	3.7	7.0	7.0	7.7	7.3	7.0	6.7	6.7	5.3
MRS L TF15	TF	6.0	7.3	7.3	7.3	8.3	7.3	6.7	6.3	5.7
PST-K13-141	KB	3.7	6.3	6.7	8.0	6.3	6.7	7.3	7.0	6.0
DLFPS 321/3678	TF	6.0	6.3	7.3	7.3	7.3	7.0	6.0	7.0	4.7
PST-K11-118	KB	4.0	7.0	7.3	7.7	6.7	7.0	6.3	5.7	5.3
RS4	TF	6.3	6.3	6.7	7.3	7.7	8.0	6.7	6.3	5.7
THUNDERSTRUCK	TF	5.7	7.3	7.0	7.7	7.7	7.3	6.7	7.0	5.3
TITANIUM 2LS	TF	7.0	7.3	7.3	7.7	7.3	7.3	6.3	6.0	5.0
BABE	KB	3.3	7.0	7.0	7.7	7.0	6.3	6.3	6.3	5.0
BARRARI	KB	3.7	6.3	7.0	7.3	6.3	6.3	7.0	6.3	5.0
DAUNTLESS	KB	3.0	6.7	6.7	7.7	6.7	5.7	6.0	5.7	4.7
DLFPS 321/3677	TF	6.3	7.3	7.7	7.0	7.3	7.0	6.7	6.0	5.0
DLFPS 321/3679	TF	6.0	6.7	7.0	7.3	6.7	7.0	6.0	7.0	5.3
PST-5SDS	TF	6.0	6.7	7.3	7.7	7.7	6.7	6.3	6.7	5.3
PST-K13-137	KB	4.0	6.0	7.7	7.3	6.7	6.7	6.7	7.0	5.3
PST-K13-143	KB	4.0	6.0	6.3	7.3	6.7	7.3	6.3	7.0	5.3
PST-R511	TF	5.7	5.7	7.0	7.3	7.3	7.3	6.7	6.7	5.3
SUPERSONIC	TF	6.3	6.3	6.7	7.7	6.7	6.7	6.0	6.3	5.3
BAR FA 121095	TF	6.3	7.0	7.0	7.7	7.3	7.3	6.0	5.7	5.0
BARROBUSTO	TF	6.0	7.0	7.3	7.7	7.0	6.3	6.0	6.0	5.0
GO-AOMK	TF	5.7	5.7	7.0	7.0	7.0	7.3	6.3	6.3	5.0
KINGDOM	TF	6.0	6.7	7.0	7.3	7.7	7.3	6.3	6.3	5.3
LTP-SYN-A3	TF	6.3	5.3	6.3	7.3	7.3	8.0	7.0	7.0	5.3
EVEREST	KB	2.7	6.7	6.0	7.3	6.3	5.7	6.3	6.3	5.3
PST-K15-169	KB	4.0	6.7	6.7	6.7	6.7	6.7	6.3	6.3	5.3
STETSON II	TF	6.3	6.3	7.3	7.0	6.7	7.0	6.7	7.0	5.7
CATALYST	TF	6.3	6.3	7.0	7.3	7.3	7.3	6.7	6.3	5.0
NONET	TF	5.0	5.3	6.7	6.7	7.0	7.0	6.3	6.3	5.3
BLUE NOTE	KB	4.0	6.7	7.3	7.7	6.0	5.7	5.7	5.0	4.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.0	5.7	7.0	7.7	5.3	5.3	6.0	6.0	5.0
LSD VALUE		1.6	3.0	2.9	2.8	1.4	2.7	1.4	1.7	1.5
C.V. (%)		20.0	14.9	11.9	9.7	9.9	14.5	10.0	10.9	10.9

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

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

TABLE 17A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

		QUALITY RATINGS DURING DRY DOWN								
NAME		8/2	8/9	8/16	8/23	8/30	9/6	9/13	9/21	9/27
NAI-13-14	KB	8.3	7.7	7.0	7.7	7.3	7.0	6.7	6.3	7.7
NAI-13-132	KB	7.7	7.0	6.7	8.3	7.3	7.0	7.0	7.0	7.3
BLUE DEVIL	KB	8.3	7.0	6.0	7.7	8.0	7.0	6.3	6.7	7.7
MIDNIGHT	KB	8.0	8.0	6.7	8.0	7.0	7.0	7.0	7.0	7.3
THOR	TF	7.7	7.3	6.7	7.7	7.0	7.3	6.7	6.7	7.3
BAR PP 110358	KB	7.7	7.0	7.0	7.7	7.0	6.3	7.0	6.7	7.3
MRS L TF15	TF	6.7	6.3	6.7	7.3	7.0	7.0	7.3	6.0	6.7
PST-K13-141	KB	7.3	7.0	6.7	7.3	7.0	6.7	6.3	6.3	7.0
DLFPS 321/3678	TF	7.0	6.7	6.3	7.3	7.7	6.7	7.0	7.3	7.0
PST-K11-118	KB	7.7	6.7	6.3	7.7	6.7	6.7	6.3	5.3	6.3
RS4	TF	7.7	7.0	6.3	7.3	7.7	7.0	7.0	6.3	6.7
THUNDERSTRUCK	TF	6.3	6.3	6.7	7.7	7.3	7.0	6.3	6.3	6.7
TITANIUM 2LS	TF	6.3	6.0	6.3	7.0	7.7	6.7	7.0	6.7	6.7
BABE	KB	7.3	6.7	6.3	8.0	6.7	6.3	6.3	6.3	6.7
BARRARI	KB	6.3	6.3	5.7	7.3	6.7	6.3	6.0	7.0	7.0
DAUNTLESS	KB	7.0	6.3	6.7	7.7	7.0	7.0	6.3	6.3	7.0
DLFPS 321/3677	TF	6.3	6.0	6.3	7.3	7.3	7.0	6.3	6.7	7.0
DLFPS 321/3679	TF	7.0	6.7	6.7	7.3	8.3	7.0	6.3	6.3	7.0
PST-5SDS	TF	7.3	6.3	6.3	7.0	7.0	6.3	6.0	6.7	6.7
PST-K13-137	KB	6.7	7.0	6.0	6.7	7.0	7.0	6.0	6.3	6.3
PST-K13-143	KB	6.7	6.3	6.0	7.7	7.3	7.0	6.7	6.3	6.7
PST-R511	TF	7.3	7.0	6.3	7.3	7.3	6.3	6.0	6.3	6.3
SUPERSONIC	TF	6.7	6.3	6.3	7.3	8.0	6.7	6.7	6.3	6.7
BAR FA 121095	TF	6.3	6.0	5.7	7.7	6.7	6.7	6.3	7.3	7.0
BARROBUSTO	TF	6.7	6.3	6.0	7.3	7.3	7.0	6.0	7.3	6.7
GO-AOMK	TF	6.7	6.0	6.3	7.3	7.0	6.7	6.7	6.7	6.7
KINGDOM	TF	6.3	6.0	6.3	7.0	6.3	6.7	6.3	6.7	6.3
LTP-SYN-A3	TF	6.7	7.0	6.3	7.3	7.0	6.3	6.3	6.3	6.7
EVEREST	KB	6.0	6.0	5.3	6.3	6.7	6.7	6.0	7.0	6.3
PST-K15-169	KB	6.7	6.3	5.3	6.7	7.0	6.7	6.0	7.0	7.0
STETSON II	TF	6.3	5.7	6.3	7.0	6.0	6.7	5.7	5.7	7.0
CATALYST	TF	6.7	6.0	6.0	6.7	7.0	6.0	5.7	5.7	6.3
NONET	TF	7.0	6.0	6.0	7.3	6.7	6.3	6.3	6.7	6.3
BLUE NOTE	KB	6.0	5.3	5.3	5.7	5.0	5.7	5.7	5.7	6.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.7	5.0	5.3	6.0	5.3	5.7	4.3	4.3	4.0
LSD VALUE		3.0	2.8	2.3	1.7	2.0	2.5	1.2	1.5	1.6
C.V. (%)		14.9	14.8	11.8	10.0	12.3	10.6	9.5	11.2	11.2

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

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

TABLE 17A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

NAME		PERCENT GREEN COVER DURING RECOVERY				QUALITY RATING DURING RECOVERY PERIOD				MEAN
		10/11	10/22	11/9	11/26	10/11	10/22	11/9	11/26	
NAI-13-14	KB	92.7	97.3	95.7	88.0	7.7	7.3	7.3	8.0	7.3
NAI-13-132	KB	77.3	97.0	96.0	93.7	7.7	7.3	7.7	8.3	7.2
BLUE DEVIL	KB	85.3	97.3	96.0	90.0	6.7	7.0	7.7	7.3	7.0
MIDNIGHT	KB	88.0	98.7	96.3	94.0	7.3	7.7	7.0	7.7	7.0
THOR	TF	86.0	94.7	94.7	81.7	7.0	6.3	5.7	5.0	7.0
BAR PP 110358	KB	66.3	98.0	97.7	91.3	8.0	7.0	8.0	8.0	6.9
MRS L TF15	TF	84.3	91.0	91.0	83.0	7.3	6.3	6.0	5.7	6.8
PST-K13-141	KB	78.3	97.0	96.7	92.0	6.7	6.7	7.0	7.7	6.8
DLFPS 321/3678	TF	82.0	93.0	92.3	85.3	7.0	6.0	5.3	5.3	6.7
PST-K11-118	KB	86.3	97.7	98.3	95.7	6.0	7.3	7.7	7.3	6.7
RS4	TF	88.3	92.3	95.7	87.0	7.0	6.0	6.0	5.0	6.7
THUNDERSTRUCK	TF	93.7	87.0	91.0	83.0	7.0	6.0	5.0	5.3	6.7
TITANIUM 2LS	TF	93.0	89.7	92.7	83.3	7.0	6.0	5.0	5.7	6.7
BABE	KB	86.0	93.7	94.0	82.0	7.7	6.7	7.7	7.7	6.6
BARRARI	KB	80.0	95.3	95.0	89.7	7.3	7.0	7.3	7.3	6.6
DAUNTLESS	KB	85.7	94.3	95.3	87.3	7.0	7.0	7.7	8.3	6.6
DLFPS 321/3677	TF	92.7	89.3	91.7	84.0	6.3	6.0	5.3	4.7	6.6
DLFPS 321/3679	TF	86.0	92.0	94.3	85.7	7.0	6.3	6.0	5.0	6.6
PST-5SDS	TF	92.3	94.3	95.3	87.0	7.0	6.0	6.0	5.3	6.6
PST-K13-137	KB	57.7	95.3	95.3	89.3	6.7	6.7	7.3	8.3	6.6
PST-K13-143	KB	85.0	89.3	93.3	89.0	7.0	6.3	7.3	7.3	6.6
PST-R511	TF	80.3	93.3	95.7	86.0	6.0	5.3	6.3	5.3	6.6
SUPERSONIC	TF	92.7	91.3	93.0	86.0	8.0	6.0	6.0	5.3	6.6
BAR FA 121095	TF	89.7	91.3	95.0	86.7	7.3	6.0	6.0	5.3	6.5
BARROBUSTO	TF	89.0	94.3	95.0	89.3	7.3	6.0	6.3	5.3	6.5
GO-AOMK	TF	90.3	92.3	91.0	83.0	7.7	6.0	6.0	5.3	6.5
KINGDOM	TF	85.0	90.0	92.3	85.7	7.0	6.0	6.0	5.0	6.5
LTP-SYN-A3	TF	55.0	95.0	95.0	89.7	7.0	6.0	6.0	5.3	6.5
EVEREST	KB	88.7	97.3	96.3	94.0	6.3	6.3	7.3	7.3	6.4
PST-K15-169	KB	93.0	94.7	94.7	90.3	7.0	6.3	7.0	6.7	6.4
STETSON II	TF	89.3	91.7	91.7	84.3	7.3	6.0	5.0	5.0	6.4
CATALYST	TF	85.7	90.7	93.3	87.0	6.3	6.0	5.3	5.0	6.3
NONET	TF	72.0	91.7	92.7	85.7	6.7	6.0	5.3	5.3	6.3
BLUE NOTE	KB	78.0	95.7	96.7	90.0	5.7	5.7	6.3	6.7	5.9
SR 4650 (P.RYEGRASS STANDARD ENTRY)		74.3	97.7	98.3	97.0	4.7	6.7	7.0	7.7	5.9
LSD VALUE		43.8	4.3	3.5	10.2	1.6	1.2	1.2	1.4	0.6
C.V. (%)		17.6	2.8	2.1	5.5	11.2	9.7	11.4	13.6	4.6

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

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

TABLE 17B.

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

NAME		GENETIC COLOR	PERCENT PREDROUGHT COVER						PREDROUGHT QUALITY RATINGS					
			11/3	12/4	2/20	3/23	4/23	5/31	11/3	12/4	2/20	3/23	4/23	5/31
NAI-13-14	KB	6.3	95.7	97.0	49.0	49.7	65.7	94.7	9.0	9.0	4.0	4.0	6.3	8.7
NAI-13-132	KB	5.3	93.3	95.3	49.0	50.7	72.3	93.3	7.7	8.3	3.7	4.7	5.7	7.3
BLUE DEVIL	KB	6.3	94.7	96.0	49.0	46.7	81.3	95.7	8.3	8.0	4.0	3.7	7.3	8.0
MIDNIGHT	KB	5.3	93.3	93.0	43.7	37.0	60.0	84.7	8.3	8.3	3.3	4.7	6.3	7.0
BAR PP 110358	KB	4.0	96.7	98.0	56.0	70.3	74.7	97.3	7.7	7.7	3.7	5.0	5.0	7.3
PST-K13-141	KB	5.3	91.3	94.0	55.7	55.7	64.7	92.0	8.0	8.0	4.0	5.0	6.0	7.7
PST-K11-118	KB	5.0	96.7	98.0	56.3	68.3	77.3	97.3	7.7	8.0	4.3	5.7	6.0	8.0
BABE	KB	3.7	90.0	92.7	39.3	56.7	72.0	96.0	7.3	7.3	3.7	5.0	6.0	7.0
BARRARI	KB	3.3	92.3	95.7	46.3	67.3	79.3	97.7	7.3	7.7	3.7	5.3	6.3	7.3
DAUNTLESS	KB	4.0	87.3	92.7	42.3	47.0	65.0	89.7	7.3	7.7	4.0	5.0	5.3	7.3
PST-K13-137	KB	5.7	89.0	87.7	36.0	57.3	75.3	92.7	7.0	7.3	3.7	4.3	6.3	7.3
PST-K13-143	KB	4.3	86.3	92.7	47.7	62.0	57.0	92.0	8.0	7.7	4.3	4.7	5.7	7.3
EVEREST	KB	5.3	92.7	93.0	42.7	42.0	72.0	89.3	8.7	8.3	3.0	4.3	6.7	7.3
PST-K15-169	KB	5.0	91.7	94.0	41.7	61.0	74.7	92.0	7.0	7.7	3.3	4.3	6.0	6.7
BLUE NOTE	KB	4.7	93.7	94.7	39.7	61.7	83.7	96.3	7.0	7.7	3.7	4.7	6.0	7.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.0	97.0	98.3	53.3	80.3	78.7	91.7	8.3	9.0	4.0	7.3	5.3	6.3
LSD VALUE		1.7	5.2	4.6	26.0	22.8	20.7	14.4	1.2	1.2	1.3	0.8	1.2	2.3
C.V. (%)		17.9	3.2	2.7	21.2	20.7	13.1	5.9	7.9	7.4	14.0	10.1	10.2	11.6

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

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

TABLE 17B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

		PERCENT GREEN COVER DURING DRY DOWN								
NAME		6/7	6/14	6/21	6/28	7/5	7/14	7/19	7/26	8/2
NAI-13-14	KB	92.3	93.7	95.3	94.7	89.7	90.3	89.0	79.3	86.3
NAI-13-132	KB	92.3	94.0	96.0	96.3	92.3	93.3	91.3	85.7	92.0
BLUE DEVIL	KB	92.7	92.3	94.0	93.3	83.7	85.7	86.7	81.7	90.3
MIDNIGHT	KB	77.3	77.0	84.3	90.0	86.7	91.0	90.7	84.3	90.7
BAR PP 110358	KB	95.7	97.3	97.3	97.0	94.0	95.3	94.7	92.3	97.0
PST-K13-141	KB	86.7	87.3	93.3	94.0	90.7	93.3	93.3	88.7	95.3
PST-K11-118	KB	96.0	94.7	95.7	92.0	84.0	86.7	91.7	85.7	91.3
BABE	KB	94.3	96.3	96.0	93.3	83.0	83.7	87.3	80.7	88.3
BARRARI	KB	95.3	96.3	96.0	95.3	87.0	89.0	84.3	78.0	89.3
DAUNTLESS	KB	83.7	87.7	92.7	84.3	64.3	75.0	81.0	64.0	78.0
PST-K13-137	KB	91.7	93.0	94.0	90.7	78.3	79.7	86.0	81.3	87.3
PST-K13-143	KB	90.0	90.7	94.3	92.3	85.0	86.3	85.0	79.0	91.0
EVEREST	KB	79.7	81.7	87.3	75.0	59.0	60.7	70.0	64.0	70.3
PST-K15-169	KB	88.3	89.3	92.0	93.7	87.7	89.0	88.3	83.3	89.7
BLUE NOTE	KB	94.7	96.0	96.0	81.7	65.3	68.3	75.7	68.7	75.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		89.3	88.0	91.0	88.7	72.3	84.7	83.7	75.7	74.3
LSD VALUE		19.4	18.4	8.5	25.9	48.7	42.7	30.9	34.7	34.6
C.V. (%)		8.8	8.5	4.3	10.5	21.7	18.4	12.8	16.3	14.7

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

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

TABLE 17B. PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 80% OF ET
(CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

		PERCENT GREEN COVER DURING DRY DOWN							
NAME		8/9	8/16	8/23	8/30	9/6	9/13	9/21	9/27
NAI-13-14	KB	94.0	97.7	98.0	98.7	98.0	95.3	78.7	78.0
NAI-13-132	KB	96.0	97.0	97.3	98.0	97.7	94.3	81.7	85.0
BLUE DEVIL	KB	93.7	94.0	94.7	98.7	97.7	96.3	84.7	86.3
MIDNIGHT	KB	96.7	97.7	97.7	99.0	98.3	95.7	88.7	90.7
BAR PP 110358	KB	98.0	98.3	98.7	99.0	98.3	97.7	90.7	89.0
PST-K13-141	KB	97.0	97.3	97.3	99.0	97.3	94.7	75.3	77.0
PST-K11-118	KB	91.0	97.3	97.7	99.0	98.0	96.3	81.3	83.0
BABE	KB	89.7	94.3	96.0	99.0	96.0	94.3	76.7	78.0
BARRARI	KB	92.3	93.7	94.3	98.7	94.0	93.3	80.7	86.7
DAUNTLESS	KB	80.7	93.3	96.0	98.7	97.7	94.0	67.7	75.7
PST-K13-137	KB	88.7	94.3	95.3	98.0	96.3	95.0	81.3	78.3
PST-K13-143	KB	90.3	94.0	95.7	98.7	96.7	96.0	83.0	78.7
EVEREST	KB	71.7	84.7	89.3	95.3	95.7	92.7	78.7	81.0
PST-K15-169	KB	93.7	95.3	95.0	98.7	97.0	95.0	83.7	85.3
BLUE NOTE	KB	75.7	73.7	78.3	93.7	88.0	88.3	70.0	81.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		80.0	95.3	96.0	96.7	96.7	82.7	73.7	84.0
LSD VALUE		31.8	19.1	15.0	4.6	9.7	7.0	42.2	38.7
C.V. (%)		13.7	8.8	6.8	2.0	3.9	3.9	16.6	13.9

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

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

TABLE 17B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

NAME		WINTER COLOR	6/7	6/14	QUALITY RATINGS DURING DRY DOWN		7/5	7/14	7/19	7/26
					6/21	6/28				
NAI-13-14	KB	3.3	7.7	8.3	8.3	7.7	8.0	8.0	6.0	6.0
NAI-13-132	KB	3.3	7.0	8.0	8.0	7.7	8.0	7.7	7.0	6.3
BLUE DEVIL	KB	2.7	7.7	7.3	7.7	6.7	7.0	7.0	6.7	5.7
MIDNIGHT	KB	2.0	6.3	6.3	8.0	6.7	7.3	7.7	7.3	6.3
BAR PP 110358	KB	3.7	7.0	7.0	7.7	7.3	7.0	6.7	6.7	5.3
PST-K13-141	KB	3.7	6.3	6.7	8.0	6.3	6.7	7.3	7.0	6.0
PST-K11-118	KB	4.0	7.0	7.3	7.7	6.7	7.0	6.3	5.7	5.3
BABE	KB	3.3	7.0	7.0	7.7	7.0	6.3	6.3	6.3	5.0
BARRARI	KB	3.7	6.3	7.0	7.3	6.3	6.3	7.0	6.3	5.0
DAUNTLESS	KB	3.0	6.7	6.7	7.7	6.7	5.7	6.0	5.7	4.7
PST-K13-137	KB	4.0	6.0	7.7	7.3	6.7	6.7	6.7	7.0	5.3
PST-K13-143	KB	4.0	6.0	6.3	7.3	6.7	7.3	6.3	7.0	5.3
EVEREST	KB	2.7	6.7	6.0	7.3	6.3	5.7	6.3	6.3	5.3
PST-K15-169	KB	4.0	6.7	6.7	6.7	6.7	6.7	6.3	6.3	5.3
BLUE NOTE	KB	4.0	6.7	7.3	7.7	6.0	5.7	5.7	5.0	4.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.0	5.7	7.0	7.7	5.3	5.3	6.0	6.0	5.0
LSD VALUE		1.8	2.4	2.5	1.4	1.2	2.3	1.9	1.1	1.2
C.V. (%)		24.3	13.3	13.6	7.3	9.2	15.6	12.6	9.3	11.0

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

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

TABLE 17B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/								
		QUALITY RATINGS DURING DRY DOWN								
NAME		8/2	8/9	8/16	8/23	8/30	9/6	9/13	9/21	9/27
NAI-13-14	KB	8.3	7.7	7.0	7.7	7.3	7.0	6.7	6.3	7.7
NAI-13-132	KB	7.7	7.0	6.7	8.3	7.3	7.0	7.0	7.0	7.3
BLUE DEVIL	KB	8.3	7.0	6.0	7.7	8.0	7.0	6.3	6.7	7.7
MIDNIGHT	KB	8.0	8.0	6.7	8.0	7.0	7.0	7.0	7.0	7.3
BAR PP 110358	KB	7.7	7.0	7.0	7.7	7.0	6.3	7.0	6.7	7.3
PST-K13-141	KB	7.3	7.0	6.7	7.3	7.0	6.7	6.3	6.3	7.0
PST-K11-118	KB	7.7	6.7	6.3	7.7	6.7	6.7	6.3	5.3	6.3
BABE	KB	7.3	6.7	6.3	8.0	6.7	6.3	6.3	6.3	6.7
BARRARI	KB	6.3	6.3	5.7	7.3	6.7	6.3	6.0	7.0	7.0
DAUNTLESS	KB	7.0	6.3	6.7	7.7	7.0	7.0	6.3	6.3	7.0
PST-K13-137	KB	6.7	7.0	6.0	6.7	7.0	7.0	6.0	6.3	6.3
PST-K13-143	KB	6.7	6.3	6.0	7.7	7.3	7.0	6.7	6.3	6.7
EVEREST	KB	6.0	6.0	5.3	6.3	6.7	6.7	6.0	7.0	6.3
PST-K15-169	KB	6.7	6.3	5.3	6.7	7.0	6.7	6.0	7.0	7.0
BLUE NOTE	KB	6.0	5.3	5.3	5.7	5.0	5.7	5.7	5.7	6.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.7	5.0	5.3	6.0	5.3	5.7	4.3	4.3	4.0
LSD VALUE		1.9	1.5	1.8	1.7	2.2	1.7	1.2	2.0	1.9
C.V. (%)		13.1	11.7	13.0	11.6	14.1	10.1	10.3	14.3	14.4

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 17B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

NAME		PERCENT GREEN COVER DURING RECOVERY				QUALITY RATING DURING RECOVERY PERIOD				MEAN
		10/11	10/22	11/9	11/26	10/11	10/22	11/9	11/26	
NAI-13-14	KB	92.7	97.3	95.7	88.0	7.7	7.3	7.3	8.0	7.3
NAI-13-132	KB	77.3	97.0	96.0	93.7	7.7	7.3	7.7	8.3	7.2
BLUE DEVIL	KB	85.3	97.3	96.0	90.0	6.7	7.0	7.7	7.3	7.0
MIDNIGHT	KB	88.0	98.7	96.3	94.0	7.3	7.7	7.0	7.7	7.0
BAR PP 110358	KB	66.3	98.0	97.7	91.3	8.0	7.0	8.0	8.0	6.9
PST-K13-141	KB	78.3	97.0	96.7	92.0	6.7	6.7	7.0	7.7	6.8
PST-K11-118	KB	86.3	97.7	98.3	95.7	6.0	7.3	7.7	7.3	6.7
BABE	KB	86.0	93.7	94.0	82.0	7.7	6.7	7.7	7.7	6.6
BARRARI	KB	80.0	95.3	95.0	89.7	7.3	7.0	7.3	7.3	6.6
DAUNTLESS	KB	85.7	94.3	95.3	87.3	7.0	7.0	7.7	8.3	6.6
PST-K13-137	KB	57.7	95.3	95.3	89.3	6.7	6.7	7.3	8.3	6.6
PST-K13-143	KB	85.0	89.3	93.3	89.0	7.0	6.3	7.3	7.3	6.6
EVEREST	KB	88.7	97.3	96.3	94.0	6.3	6.3	7.3	7.3	6.4
PST-K15-169	KB	93.0	94.7	94.7	90.3	7.0	6.3	7.0	6.7	6.4
BLUE NOTE	KB	78.0	95.7	96.7	90.0	5.7	5.7	6.3	6.7	5.9
SR 4650 (P.RYEGRASS STANDARD ENTRY)		74.3	97.7	98.3	97.0	4.7	6.7	7.0	7.7	5.9
LSD VALUE		38.5	2.7	1.9	7.8	2.0	2.4	1.5	3.0	0.6
C.V. (%)		18.0	1.7	1.2	4.3	14.2	12.5	8.1	13.2	5.2

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

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

TABLE 17C.

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

NAME		GENETIC COLOR	PERCENT PREDROUGHT COVER						PREDROUGHT QUALITY RATINGS					
			11/3	12/4	2/20	3/23	4/23	5/31	11/3	12/4	2/20	3/23	4/23	5/31
THOR	TF	5.7	92.3	95.0	67.0	88.3	78.0	92.7	8.0	8.3	4.7	6.0	7.0	8.0
MRSI TF15	TF	4.7	91.7	92.7	63.3	84.7	75.0	96.0	8.0	7.7	4.3	6.3	6.3	7.7
DLFPS 321/3678	TF	5.3	93.0	94.0	63.7	82.7	75.7	94.0	8.0	7.7	4.3	6.0	6.7	8.3
RS4	TF	5.0	94.0	95.3	69.3	88.3	74.3	94.0	8.0	7.7	4.3	5.7	6.7	7.7
THUNDERSTRUCK	TF	5.3	89.3	92.7	53.3	78.7	80.7	96.0	8.0	7.3	4.0	6.0	7.7	8.0
TITANIUM 2LS	TF	5.0	93.7	96.0	74.3	92.3	76.3	96.3	8.0	7.7	4.7	6.7	6.7	7.7
DLFPS 321/3677	TF	4.0	94.0	95.7	68.0	88.3	80.0	96.0	8.0	7.3	4.7	6.7	7.0	7.7
DLFPS 321/3679	TF	5.3	90.3	92.3	61.0	79.0	68.3	92.7	7.3	7.7	4.3	5.3	6.3	7.7
PST-5SDS	TF	5.3	91.3	92.7	55.0	82.7	76.0	95.3	7.3	7.3	4.0	7.0	7.3	7.7
PST-R511	TF	5.0	94.0	95.7	63.0	84.7	81.3	95.0	7.7	8.3	4.3	6.3	6.7	8.0
SUPERSONIC	TF	3.7	90.3	92.0	58.3	85.7	70.3	92.7	7.7	7.7	4.0	6.3	6.0	7.3
BAR FA 121095	TF	5.0	90.7	91.7	46.3	85.3	88.0	96.3	7.0	7.0	2.7	6.3	7.3	7.3
BARROBUSTO	TF	5.7	93.0	93.3	57.3	85.7	82.3	96.7	7.0	7.0	4.0	6.0	7.0	7.7
GO-AOMK	TF	5.0	89.0	89.0	44.3	72.7	78.7	90.7	7.3	7.3	4.0	5.3	7.0	8.0
KINGDOM	TF	5.3	89.7	90.0	49.7	79.0	84.3	94.3	7.3	7.0	4.0	6.3	7.3	8.0
LTP-SYN-A3	TF	4.7	92.3	94.7	65.7	87.0	75.3	91.3	7.0	7.3	4.7	5.7	6.3	7.0
STETSON II	TF	4.7	92.7	91.7	58.3	84.7	83.0	95.3	7.7	6.7	4.3	5.7	7.0	7.7
CATALYST	TF	4.3	90.7	94.7	67.0	87.7	70.7	94.3	7.0	7.7	4.3	6.3	6.0	7.7
NONET	TF	5.3	88.7	91.3	51.0	76.0	76.0	93.0	6.7	7.0	4.0	5.3	7.0	7.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.0	97.0	98.3	53.3	80.3	78.7	91.7	8.3	9.0	4.0	7.3	5.3	6.3
LSD VALUE		2.3	6.3	3.0	13.0	15.2	19.6	12.9	1.3	1.4	0.8	3.4	1.1	2.2
C.V. (%)		17.3	3.0	1.9	12.4	7.7	9.5	4.1	7.7	8.8	10.5	17.1	8.6	9.6

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

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

TABLE 17C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

		PERCENT GREEN COVER DURING DRY DOWN								
NAME		6/7	6/14	6/21	6/28	7/5	7/14	7/19	7/26	8/2
THOR	TF	90.3	92.0	92.0	95.3	92.0	92.7	91.0	84.3	91.0
MRSL TF15	TF	95.3	96.7	94.7	96.3	92.3	92.7	85.3	85.3	86.7
DLFPS 321/3678	TF	90.7	91.0	91.7	94.3	88.3	89.3	82.3	80.3	87.3
RS4	TF	92.3	92.3	93.0	94.7	89.7	91.0	88.7	85.7	92.7
THUNDERSTRUCK	TF	94.0	95.3	94.3	95.3	90.3	92.0	86.0	80.3	83.3
TITANIUM 2LS	TF	96.7	97.7	96.3	97.0	92.7	91.7	86.3	80.0	88.3
DLFPS 321/3677	TF	94.3	95.3	93.7	95.7	88.7	90.0	84.3	80.7	84.7
DLFPS 321/3679	TF	88.3	89.0	90.3	91.0	86.3	89.0	89.3	84.0	88.7
PST-5SDS	TF	92.7	94.0	94.3	94.3	86.7	87.7	85.3	82.3	90.0
PST-R511	TF	91.0	91.3	91.0	93.0	88.7	91.0	86.7	83.3	91.7
SUPERSONIC	TF	92.3	93.3	93.0	91.0	78.3	84.0	85.3	81.0	83.3
BAR FA 121095	TF	94.7	95.0	94.0	94.7	92.0	90.7	83.3	81.0	88.7
BARROBUSTO	TF	94.7	95.0	93.7	92.3	83.7	83.7	81.3	81.0	89.3
GO-AOMK	TF	87.7	87.7	88.7	91.0	83.3	84.0	82.0	76.7	81.3
KINGDOM	TF	91.3	92.0	92.3	93.7	86.3	87.3	82.7	77.7	85.0
LTP-SYN-A3	TF	87.0	88.0	92.0	94.7	92.3	93.3	90.3	88.0	92.7
STETSON II	TF	93.7	95.3	93.7	95.3	90.0	91.0	86.3	85.3	84.0
CATALYST	TF	92.7	94.3	95.0	96.3	94.0	94.0	85.3	76.3	82.0
NONET	TF	88.0	90.7	89.7	93.0	87.7	88.7	81.0	80.0	88.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		89.3	88.0	91.0	88.7	72.3	84.7	83.7	75.7	74.3
LSD VALUE		23.1	21.3	14.5	12.4	24.8	19.0	12.2	21.1	25.0
C.V. (%)		7.1	6.8	4.5	4.3	9.9	6.8	5.3	8.0	9.4

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

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

TABLE 17C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

		PERCENT GREEN COVER DURING DRY DOWN							
NAME		8/9	8/16	8/23	8/30	9/6	9/13	9/21	9/27
THOR	TF	92.7	98.0	98.0	98.7	98.0	95.7	86.7	91.0
MRSI TF15	TF	89.3	97.3	98.3	99.0	97.3	95.7	88.0	87.3
DLFPS 321/3678	TF	91.7	97.7	97.3	98.7	98.0	97.7	94.7	93.7
RS4	TF	92.7	98.0	98.0	99.0	99.0	97.7	86.0	86.7
THUNDERSTRUCK	TF	85.3	95.7	96.7	98.7	96.3	94.3	84.7	83.7
TITANIUM 2LS	TF	91.0	97.3	97.3	99.0	97.7	97.0	85.0	84.7
DLFPS 321/3677	TF	90.3	98.0	97.7	99.0	98.0	96.7	87.7	86.7
DLFPS 321/3679	TF	88.7	98.0	98.0	99.0	97.3	96.0	86.7	88.0
PST-5SDS	TF	92.7	97.0	97.3	99.0	97.3	97.0	87.3	88.0
PST-R511	TF	96.0	98.7	98.3	99.0	97.7	97.0	83.3	82.7
SUPERSONIC	TF	85.7	97.3	98.7	99.0	98.3	97.0	88.0	88.0
BAR FA 121095	TF	93.7	98.3	98.0	99.0	98.0	96.7	93.7	94.3
BARROBUSTO	TF	95.3	97.0	98.0	99.0	98.7	98.0	92.0	91.7
GO-AOMK	TF	82.3	94.7	96.0	98.7	94.0	93.3	84.3	83.7
KINGDOM	TF	91.7	96.0	95.3	98.3	96.7	95.0	86.0	83.7
LTP-SYN-A3	TF	96.7	98.0	98.3	99.0	98.3	97.3	90.0	88.7
STETSON II	TF	87.7	96.0	97.3	99.0	97.0	95.7	85.7	87.3
CATALYST	TF	89.3	92.3	97.7	99.0	96.3	95.3	86.3	87.0
NONET	TF	90.7	97.0	96.3	99.0	97.0	96.0	87.7	88.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		80.0	95.3	96.0	96.7	96.7	82.7	73.7	84.0
LSD VALUE		23.7	8.2	3.2	1.3	4.4	2.7	17.4	15.5
C.V. (%)		8.6	2.8	1.3	0.6	1.7	1.8	7.5	6.2

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

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

TABLE 17C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

NAME		WINTER COLOR	6/7	6/14	QUALITY RATINGS DURING DRY DOWN			7/14	7/19	7/26
					6/21	6/28	7/5			
THOR	TF	7.0	7.0	6.7	8.0	8.0	8.0	7.3	6.7	5.7
MRS� TF15	TF	6.0	7.3	7.3	7.3	8.3	7.3	6.7	6.3	5.7
DLFPS 321/3678	TF	6.0	6.3	7.3	7.3	7.3	7.0	6.0	7.0	4.7
RS4	TF	6.3	6.3	6.7	7.3	7.7	8.0	6.7	6.3	5.7
THUNDERSTRUCK	TF	5.7	7.3	7.0	7.7	7.7	7.3	6.7	7.0	5.3
TITANIUM 2LS	TF	7.0	7.3	7.3	7.7	7.3	7.3	6.3	6.0	5.0
DLFPS 321/3677	TF	6.3	7.3	7.7	7.0	7.3	7.0	6.7	6.0	5.0
DLFPS 321/3679	TF	6.0	6.7	7.0	7.3	6.7	7.0	6.0	7.0	5.3
PST-5SDS	TF	6.0	6.7	7.3	7.7	7.7	6.7	6.3	6.7	5.3
PST-R511	TF	5.7	5.7	7.0	7.3	7.3	7.3	6.7	6.7	5.3
SUPERSONIC	TF	6.3	6.3	6.7	7.7	6.7	6.7	6.0	6.3	5.3
BAR FA 121095	TF	6.3	7.0	7.0	7.7	7.3	7.3	6.0	5.7	5.0
BARROBUSTO	TF	6.0	7.0	7.3	7.7	7.0	6.3	6.0	6.0	5.0
GO-AOMK	TF	5.7	5.7	7.0	7.0	7.0	7.3	6.3	6.3	5.0
KINGDOM	TF	6.0	6.7	7.0	7.3	7.7	7.3	6.3	6.3	5.3
LTP-SYN-A3	TF	6.3	5.3	6.3	7.3	7.3	8.0	7.0	7.0	5.3
STETSON II	TF	6.3	6.3	7.3	7.0	6.7	7.0	6.7	7.0	5.7
CATALYST	TF	6.3	6.3	7.0	7.3	7.3	7.3	6.7	6.3	5.0
NONET	TF	5.0	5.3	6.7	6.7	7.0	7.0	6.3	6.3	5.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.0	5.7	7.0	7.7	5.3	5.3	6.0	6.0	5.0
LSD VALUE		2.3	2.8	2.3	2.2	1.5	2.0	1.1	2.4	1.6
C.V. (%)		13.5	16.0	9.7	8.9	9.9	11.5	7.4	11.8	9.8

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

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

TABLE 17C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

		QUALITY RATINGS DURING DRY DOWN								
NAME		8/2	8/9	8/16	8/23	8/30	9/6	9/13	9/21	9/27
THOR	TF	7.7	7.3	6.7	7.7	7.0	7.3	6.7	6.7	7.3
MRSI TF15	TF	6.7	6.3	6.7	7.3	7.0	7.0	7.3	6.0	6.7
DLFPS 321/3678	TF	7.0	6.7	6.3	7.3	7.7	6.7	7.0	7.3	7.0
RS4	TF	7.7	7.0	6.3	7.3	7.7	7.0	7.0	6.3	6.7
THUNDERSTRUCK	TF	6.3	6.3	6.7	7.7	7.3	7.0	6.3	6.3	6.7
TITANIUM 2LS	TF	6.3	6.0	6.3	7.0	7.7	6.7	7.0	6.7	6.7
DLFPS 321/3677	TF	6.3	6.0	6.3	7.3	7.3	7.0	6.3	6.7	7.0
DLFPS 321/3679	TF	7.0	6.7	6.7	7.3	8.3	7.0	6.3	6.3	7.0
PST-5SDS	TF	7.3	6.3	6.3	7.0	7.0	6.3	6.0	6.7	6.7
PST-R511	TF	7.3	7.0	6.3	7.3	7.3	6.3	6.0	6.3	6.3
SUPERSONIC	TF	6.7	6.3	6.3	7.3	8.0	6.7	6.7	6.3	6.7
BAR FA 121095	TF	6.3	6.0	5.7	7.7	6.7	6.7	6.3	7.3	7.0
BARROBUSTO	TF	6.7	6.3	6.0	7.3	7.3	7.0	6.0	7.3	6.7
GO-AOMK	TF	6.7	6.0	6.3	7.3	7.0	6.7	6.7	6.7	6.7
KINGDOM	TF	6.3	6.0	6.3	7.0	6.3	6.7	6.3	6.7	6.3
LTP-SYN-A3	TF	6.7	7.0	6.3	7.3	7.0	6.3	6.3	6.3	6.7
STETSON II	TF	6.3	5.7	6.3	7.0	6.0	6.7	5.7	5.7	7.0
CATALYST	TF	6.7	6.0	6.0	6.7	7.0	6.0	5.7	5.7	6.3
NONET	TF	7.0	6.0	6.0	7.3	6.7	6.3	6.3	6.7	6.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.7	5.0	5.3	6.0	5.3	5.7	4.3	4.3	4.0
LSD VALUE		3.0	2.5	2.1	2.0	1.9	1.8	0.9	0.9	0.9
C.V. (%)		14.1	13.9	10.3	9.2	12.1	9.6	8.6	8.1	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 17C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2018 DATA

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

NAME		PERCENT GREEN COVER DURING RECOVERY				QUALITY RATING DURING RECOVERY PERIOD				MEAN
		10/11	10/22	11/9	11/26	10/11	10/22	11/9	11/26	
THOR	TF	86.0	94.7	94.7	81.7	7.0	6.3	5.7	5.0	7.0
MRS L TF15	TF	84.3	91.0	91.0	83.0	7.3	6.3	6.0	5.7	6.8
DLFPS 321/3678	TF	82.0	93.0	92.3	85.3	7.0	6.0	5.3	5.3	6.7
RS4	TF	88.3	92.3	95.7	87.0	7.0	6.0	6.0	5.0	6.7
THUNDERSTRUCK	TF	93.7	87.0	91.0	83.0	7.0	6.0	5.0	5.3	6.7
TITANIUM 2LS	TF	93.0	89.7	92.7	83.3	7.0	6.0	5.0	5.7	6.7
DLFPS 321/3677	TF	92.7	89.3	91.7	84.0	6.3	6.0	5.3	4.7	6.6
DLFPS 321/3679	TF	86.0	92.0	94.3	85.7	7.0	6.3	6.0	5.0	6.6
PST-5SDS	TF	92.3	94.3	95.3	87.0	7.0	6.0	6.0	5.3	6.6
PST-R511	TF	80.3	93.3	95.7	86.0	6.0	5.3	6.3	5.3	6.6
SUPERSONIC	TF	92.7	91.3	93.0	86.0	8.0	6.0	6.0	5.3	6.6
BAR FA 121095	TF	89.7	91.3	95.0	86.7	7.3	6.0	6.0	5.3	6.5
BARROBUSTO	TF	89.0	94.3	95.0	89.3	7.3	6.0	6.3	5.3	6.5
GO-AOMK	TF	90.3	92.3	91.0	83.0	7.7	6.0	6.0	5.3	6.5
KINGDOM	TF	85.0	90.0	92.3	85.7	7.0	6.0	6.0	5.0	6.5
LTP-SYN-A3	TF	55.0	95.0	95.0	89.7	7.0	6.0	6.0	5.3	6.5
STETSON II	TF	89.3	91.7	91.7	84.3	7.3	6.0	5.0	5.0	6.4
CATALYST	TF	85.7	90.7	93.3	87.0	6.3	6.0	5.3	5.0	6.3
NONET	TF	72.0	91.7	92.7	85.7	6.7	6.0	5.3	5.3	6.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		74.3	97.7	98.3	97.0	4.7	6.7	7.0	7.7	5.9
LSD VALUE		35.7	6.5	3.9	15.4	1.0	1.0	1.9	1.3	0.4
C.V. (%)		16.1	3.2	2.2	6.3	8.7	6.1	13.0	12.2	3.0

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

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

TABLE 18A.

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2018 DATA

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

NAME		GENETIC COLOR	6/12	6/22	QUALITY RATINGS		6/29	7/6	7/10	7/17	7/26	8/1
THUNDERSTRUCK	TF	7.7	7.7	7.0	6.3	6.0	7.0	6.3	5.7	5.7		
DLFPS 321/3679	TF	6.0	7.0	6.7	6.3	6.0	7.3	6.7	6.0	6.0		
LTP-SYN-A3	TF	6.0	7.0	5.7	6.7	6.0	6.3	5.7	6.0	5.7		
RS4	TF	6.0	7.0	6.3	6.3	6.0	6.3	5.7	5.7	5.0		
STETSON II	TF	6.3	6.7	6.7	6.3	6.0	7.0	5.3	5.0	5.3		
BARROBUSTO	TF	5.3	6.7	6.3	6.0	6.0	6.7	5.3	5.7	5.0		
DLFPS 321/3677	TF	7.0	7.7	7.3	6.3	5.3	6.0	5.3	5.3	5.0		
GO-AOMK	TF	6.7	8.0	6.7	6.0	6.0	6.7	5.7	4.7	5.7		
KINGDOM	TF	7.0	7.0	6.0	6.3	5.7	6.7	6.0	5.7	5.3		
PST-5SDS	TF	5.7	7.0	6.3	6.0	5.7	6.7	5.7	5.3	5.3		
PST-R511	TF	5.3	6.3	5.3	6.0	6.0	6.7	5.7	5.3	4.3		
TITANIUM 2LS	TF	6.3	7.3	6.3	6.0	6.0	6.0	5.3	6.0	5.0		
DLFPS 321/3678	TF	5.3	7.0	6.3	6.3	6.0	6.3	5.3	5.3	5.3		
NONET	TF	5.7	6.7	6.0	7.0	5.7	6.3	5.0	5.3	5.0		
SUPERSONIC	TF	6.7	7.3	6.0	6.3	6.0	6.3	5.7	5.3	4.7		
THOR	TF	6.0	7.0	6.3	6.0	5.7	6.3	5.7	5.3	5.0		
BAR FA 121095	TF	7.3	7.0	6.0	6.3	5.7	6.3	5.3	5.3	4.7		
MRS L TF15	TF	6.3	7.0	5.7	6.3	6.0	6.3	5.0	5.3	5.0		
CATALYST	TF	5.0	6.3	5.7	6.0	5.3	5.7	4.7	5.0	4.3		
NAI-13-132	KB	7.7	6.3	5.0	4.3	3.7	4.0	2.7	2.7	2.3		
EVEREST	KB	7.7	7.0	4.7	4.7	3.7	4.0	2.7	2.3	2.7		
NAI-13-14	KB	6.7	5.7	4.7	4.3	3.7	3.3	2.3	2.7	2.7		
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.3	6.3	4.3	5.3	4.3	4.3	2.7	2.3	2.0		
BLUE NOTE	KB	5.0	5.0	4.0	4.0	3.3	3.3	2.3	2.0	2.0		
BLUE DEVIL	KB	6.0	6.3	4.3	4.3	3.0	3.0	2.0	2.7	2.0		
BAR PP 110358	KB	4.7	5.3	3.7	4.0	3.0	3.0	2.7	2.3	2.3		
PST-K11-118	KB	4.7	5.3	4.0	3.7	3.0	3.0	2.3	2.3	2.3		
PST-K15-169	KB	6.3	6.0	3.7	3.0	3.0	3.0	2.0	2.0	2.0		
BARRARI	KB	4.0	4.3	3.3	3.3	3.3	3.0	2.3	2.0	2.3		
PST-K13-141	KB	4.3	5.0	4.0	3.3	3.0	2.7	2.3	2.0	2.0		
PST-K13-137	KB	5.3	5.3	3.0	4.3	2.7	3.0	2.0	2.3	2.3		
DAUNTLESS	KB	4.0	4.0	3.3	3.7	2.7	3.0	2.3	2.0	2.3		
MIDNIGHT	KB	7.7	6.0	4.0	4.0	3.0	3.0	2.0	2.0	2.0		
PST-K13-143	KB	5.3	4.0	3.3	3.3	3.0	2.7	1.3	2.0	1.3		
BABE	KB	4.0	4.0	3.0	3.3	2.7	2.7	2.0	1.7	1.7		
LSD VALUE		1.4	1.0	0.9	1.0	0.9	1.0	1.1	0.8	0.9		
C.V. (%)		14.9	10.8	11.4	12.9	12.7	14.1	17.8	13.5	16.2		

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

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

TABLE 18A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2018 DATA

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

		QUALITY RATINGS							MEAN
NAME		8/6	8/14	8/24	8/31	9/14	9/24	10/26	
THUNDERSTRUCK	TF	5.0	5.3	4.7	4.7	4.0	4.0	5.7	5.7
DLFPS 321/3679	TF	5.0	4.7	5.0	5.0	3.7	3.3	4.3	5.5
LTP-SYN-A3	TF	5.3	4.3	4.3	4.0	3.3	3.7	5.3	5.3
RS4	TF	4.7	3.7	4.7	4.7	3.7	4.7	5.7	5.3
STETSON II	TF	4.7	4.0	4.3	4.0	3.7	4.3	5.0	5.2
BARROBUSTO	TF	5.0	4.0	4.0	4.0	3.3	3.7	5.0	5.1
DLFPS 321/3677	TF	4.7	3.7	3.7	3.7	3.0	4.0	5.3	5.1
GO-AOMK	TF	4.7	3.7	4.0	3.7	3.0	3.3	4.7	5.1
KINGDOM	TF	4.7	4.3	4.0	4.3	3.0	3.7	4.3	5.1
PST-5SDS	TF	5.0	4.3	3.7	4.7	3.3	3.7	4.3	5.1
PST-R511	TF	5.0	3.3	4.0	4.3	3.7	5.0	5.3	5.1
TITANIUM 2LS	TF	5.3	3.7	4.0	4.0	3.0	3.7	5.0	5.1
DLFPS 321/3678	TF	5.3	3.3	3.7	4.0	3.0	3.3	4.7	5.0
NONET	TF	5.0	3.3	4.3	4.3	3.3	3.3	4.0	5.0
SUPERSONIC	TF	5.0	4.0	4.3	4.0	3.3	3.3	4.0	5.0
THOR	TF	5.0	3.7	4.3	4.7	3.0	3.3	4.3	5.0
BAR FA 121095	TF	5.3	4.0	4.0	3.7	3.0	3.0	4.3	4.9
MRS L TF15	TF	5.0	3.7	4.3	3.0	2.7	3.7	5.0	4.9
CATALYST	TF	4.7	3.0	3.7	3.3	3.0	4.0	5.0	4.6
NAI-13-132	KB	2.7	2.3	2.3	3.3	2.7	3.3	5.7	3.6
EVEREST	KB	2.3	2.3	2.0	2.0	2.0	3.0	5.0	3.4
NAI-13-14	KB	2.3	2.0	2.3	2.3	2.0	3.3	6.7	3.4
SR 4650 (P.RYEGRASS STANDARD ENTRY)		2.0	1.7	1.7	2.3	2.3	3.3	4.0	3.3
BLUE NOTE	KB	2.3	1.7	2.3	2.3	2.7	4.0	6.3	3.2
BLUE DEVIL	KB	2.0	2.0	2.0	2.7	2.0	3.3	4.3	3.1
BAR PP 110358	KB	2.3	2.3	2.0	2.0	1.3	3.3	6.0	3.0
PST-K11-118	KB	2.3	2.0	2.7	3.0	2.3	2.3	5.0	3.0
PST-K15-169	KB	1.3	2.0	2.0	2.3	2.3	4.0	5.7	3.0
BARRARI	KB	2.0	2.0	1.7	2.7	1.7	3.3	6.0	2.9
PST-K13-141	KB	2.3	2.3	2.3	2.3	2.3	2.7	4.7	2.9
PST-K13-137	KB	2.7	1.7	1.7	1.7	1.7	3.0	4.7	2.8
DAUNTLESS	KB	1.7	2.3	2.3	2.3	2.0	3.0	4.0	2.7
MIDNIGHT	KB	1.7	2.0	1.3	2.3	1.7	2.3	3.7	2.7
PST-K13-143	KB	1.7	1.3	1.7	2.0	2.7	3.7	5.7	2.6
BABE	KB	2.0	2.0	2.0	2.0	1.7	2.3	4.3	2.5
LSD VALUE		1.0	0.9	1.0	1.0	0.9	2.1	2.6	0.6
C.V. (%)		18.9	19.9	19.8	19.0	20.2	23.9	20.8	9.3

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

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

TABLE 18A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2018 DATA

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

		PERCENT GREEN COVER											
NAME		6/1	6/8	6/14	6/22	6/29	7/7	7/13	7/20	7/26	8/2	8/9	8/16
THUNDERSTRUCK	TF	84.3	87.0	82.3	77.7	67.7	66.7	60.0	51.7	52.7	46.0	39.0	33.3
DLFPS 321/3679	TF	77.3	78.3	76.0	75.7	68.0	68.0	59.7	50.0	51.7	47.0	36.0	31.0
LTP-SYN-A3	TF	80.7	80.7	76.3	75.0	67.0	63.7	57.7	47.0	51.3	42.0	35.0	28.0
RS4	TF	85.0	80.7	78.3	77.7	68.7	63.7	50.3	39.0	42.3	36.7	32.0	23.0
STETSON II	TF	79.3	80.3	80.7	78.0	65.0	63.0	54.3	43.3	46.0	39.0	34.7	33.0
BARROBUSTO	TF	84.0	79.7	77.0	74.7	66.3	61.0	51.7	41.0	45.0	37.0	28.0	21.0
DLFPS 321/3677	TF	84.7	84.3	81.7	76.3	65.0	59.7	49.0	40.0	42.0	35.0	27.7	19.3
GO-AOMK	TF	81.0	78.7	75.7	72.7	61.0	64.3	55.3	44.3	45.7	45.5	30.3	23.0
KINGDOM	TF	81.7	80.0	77.7	76.3	67.7	64.7	55.3	45.0	46.3	34.3	27.3	19.7
PST-5SDS	TF	80.3	82.3	79.3	77.7	67.3	60.3	54.0	44.7	47.0	40.7	29.7	23.0
PST-R511	TF	79.3	78.0	72.3	72.7	64.3	61.7	51.0	39.3	41.7	36.3	29.7	24.7
TITANIUM 2LS	TF	87.3	82.7	78.0	76.0	65.3	61.7	52.7	41.3	45.7	38.0	30.0	24.0
DLFPS 321/3678	TF	77.3	78.0	80.0	76.0	66.0	66.3	58.0	48.7	51.3	40.3	32.7	23.7
NONET	TF	78.0	74.3	71.3	69.3	59.3	57.3	48.7	40.0	44.0	38.3	31.3	28.3
SUPERSONIC	TF	85.0	81.3	81.0	78.3	65.7	58.7	51.3	39.7	41.3	36.0	27.0	21.0
THOR	TF	77.0	82.0	79.0	77.0	67.0	68.0	54.0	43.0	46.7	33.3	26.0	19.7
BAR FA 121095	TF	81.0	80.7	74.0	69.7	61.3	62.0	53.3	45.0	47.0	39.7	32.7	23.3
MRS L TF15	TF	79.3	79.7	73.0	71.7	59.0	60.0	46.0	38.3	42.3	34.7	30.0	21.3
CATALYST	TF	78.0	75.3	72.7	70.0	63.7	52.0	39.3	32.3	32.3	27.3	21.3	17.3
NAI-13-132	KB	84.0	79.3	76.0	63.7	38.7	24.7	8.7	6.0	8.0	9.3	11.0	9.7
EVEREST	KB	92.7	86.3	81.3	61.7	35.3	23.0	9.0	7.0	8.0	9.0	9.7	8.0
NAI-13-14	KB	86.3	79.0	71.7	53.3	29.0	16.0	7.0	5.3	7.3	8.3	6.3	8.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		89.0	82.7	76.3	63.7	40.0	33.0	16.0	8.3	11.0	12.3	10.3	8.3
BLUE NOTE	KB	91.3	82.3	71.7	45.7	18.3	6.0	3.3	2.3	4.0	5.3	6.3	6.7
BLUE DEVIL	KB	81.3	76.7	70.0	53.3	26.7	15.7	6.7	5.3	7.3	8.7	9.7	10.0
BAR PP 110358	KB	92.3	87.7	81.0	62.0	38.7	16.7	9.3	5.7	8.0	9.7	10.0	9.7
PST-K11-118	KB	91.0	83.3	73.7	50.3	26.7	8.3	4.0	3.3	4.3	5.7	5.7	8.7
PST-K15-169	KB	82.7	75.0	62.3	35.7	18.0	9.7	4.0	3.7	4.3	4.3	4.7	3.7
BARRARI	KB	90.3	79.0	69.3	47.3	22.7	4.3	2.7	2.3	3.3	3.3	3.3	4.3
PST-K13-141	KB	84.7	78.0	67.3	48.3	19.0	10.0	7.0	4.7	6.7	6.3	7.7	8.7
PST-K13-137	KB	84.0	75.7	67.7	49.7	29.7	19.3	9.3	6.7	8.0	11.7	7.0	9.7
DAUNTLESS	KB	86.0	76.0	61.3	40.3	20.7	5.0	2.7	2.0	3.3	3.7	5.7	7.0
MIDNIGHT	KB	88.7	80.0	69.7	46.0	22.0	16.3	5.3	4.0	7.0	6.7	9.0	9.7
PST-K13-143	KB	85.7	74.3	64.7	37.0	13.0	2.7	0.7	0.3	1.0	2.7	2.0	4.7
BABE	KB	81.7	74.0	61.0	35.7	18.3	6.3	4.7	3.7	6.0	8.0	8.7	7.3
LSD VALUE		7.5	17.5	11.5	12.8	10.8	8.9	9.3	9.3	9.4	9.9	8.9	8.8
C.V. (%)		5.1	7.1	8.4	13.2	15.6	15.3	20.3	25.2	23.4	27.8	29.7	34.1

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 18A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2018 DATA

		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/										
		PERCENT GREEN COVER										
NAME		8/23	8/30	9/6	9/13	9/21	9/27	10/4	10/11	10/18	10/25	11/1
THUNDERSTRUCK	TF	31.0	34.3	28.7	36.0	46.7	57.7	72.3	76.3	71.3	73.3	66.3
DLFPS 321/3679	TF	24.0	28.3	22.7	27.7	42.3	51.3	68.7	72.0	68.0	71.0	67.0
LTP-SYN-A3	TF	24.0	29.7	23.3	32.3	47.7	60.7	78.3	81.0	76.3	80.3	76.0
RS4	TF	21.0	27.3	21.3	28.7	49.0	64.0	80.3	82.3	80.0	83.0	78.3
STETSON II	TF	32.0	32.7	26.7	32.3	50.3	64.0	77.7	80.7	76.7	78.0	72.7
BARROBUSTO	TF	19.7	22.0	17.7	27.3	42.7	56.7	75.7	78.7	73.0	77.3	70.3
DLFPS 321/3677	TF	17.7	21.7	18.0	23.3	41.0	54.3	74.3	76.7	71.0	76.3	71.7
GO-AOMK	TF	22.3	25.7	20.7	30.0	43.0	57.7	74.0	76.0	74.7	76.7	71.0
KINGDOM	TF	19.7	22.0	14.7	20.3	32.7	46.0	67.7	70.7	67.3	69.7	64.0
PST-5SDS	TF	21.0	24.3	22.0	28.3	44.7	58.0	78.3	79.7	74.3	77.3	68.7
PST-R511	TF	22.7	29.7	26.0	34.0	49.0	62.0	80.0	82.7	78.3	80.3	72.7
TITANIUM 2LS	TF	20.0	28.7	23.7	30.0	46.3	60.7	80.3	82.7	78.3	81.3	77.0
DLFPS 321/3678	TF	21.0	26.7	20.0	26.7	42.3	54.3	73.7	76.0	72.0	78.3	72.7
NONET	TF	25.3	30.0	27.3	35.7	49.7	59.7	74.3	75.3	70.0	71.0	63.7
SUPERSONIC	TF	18.3	22.7	18.3	27.7	39.0	46.7	66.7	71.3	63.7	69.3	62.0
THOR	TF	17.0	22.3	15.3	24.3	37.3	49.3	69.3	72.0	68.0	73.0	70.3
BAR FA 121095	TF	20.3	25.3	16.0	23.0	38.3	53.0	73.3	76.3	71.3	75.0	66.7
MRSI TF15	TF	21.0	26.7	22.7	27.7	46.3	59.3	78.7	81.0	76.7	80.0	73.0
CATALYST	TF	15.3	20.7	14.0	23.3	43.7	60.3	80.0	82.7	78.3	82.7	77.7
NAI-13-132	KB	8.0	16.3	15.0	22.0	52.0	70.3	87.3	89.0	86.3	89.7	88.7
EVEREST	KB	10.3	14.7	17.3	24.3	49.7	66.0	85.7	87.0	84.0	87.3	85.7
NAI-13-14	KB	10.3	17.7	17.0	25.0	57.7	76.7	91.3	92.3	91.0	92.7	92.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		9.7	21.3	15.3	27.7	56.0	69.7	80.3	81.3	79.0	85.0	83.3
BLUE NOTE	KB	5.3	14.0	13.7	21.3	49.7	71.3	89.0	91.0	86.7	88.7	87.0
BLUE DEVIL	KB	9.3	18.3	17.7	26.0	49.0	65.7	84.3	85.3	83.0	85.7	84.3
BAR PP 110358	KB	9.0	16.3	14.0	18.7	48.0	67.3	86.0	88.0	82.0	84.0	81.0
PST-K11-118	KB	8.0	15.3	15.3	22.7	48.3	64.3	81.7	83.3	77.7	83.3	81.7
PST-K15-169	KB	5.7	10.7	13.0	18.3	50.7	71.0	86.0	87.7	84.7	84.3	80.3
BARRARI	KB	5.3	10.3	11.3	17.7	44.7	65.0	84.3	87.7	84.3	88.0	86.3
PST-K13-141	KB	10.7	14.7	12.7	18.0	48.7	68.3	85.7	87.3	81.3	88.0	84.3
PST-K13-137	KB	8.3	15.3	14.3	19.7	36.7	53.0	75.0	76.7	76.3	80.7	78.3
DAUNTLESS	KB	7.7	11.0	9.0	14.3	33.0	49.7	72.3	73.7	66.3	73.7	68.0
MIDNIGHT	KB	12.3	17.3	18.0	25.7	47.3	62.0	81.0	82.3	81.0	87.0	87.0
PST-K13-143	KB	3.0	9.3	8.7	10.0	41.3	64.3	83.0	86.3	80.3	82.0	73.7
BABE	KB	9.0	13.7	13.7	20.3	39.7	55.7	76.3	78.7	73.0	79.3	78.3
LSD VALUE		8.7	10.4	13.1	16.0	28.2	31.0	19.9	21.8	22.0	16.7	12.6
C.V. (%)		35.1	29.1	34.6	29.5	20.5	18.5	10.7	10.3	11.6	9.5	9.6

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

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

TABLE 18B.

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2018 DATA

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

NAME		GENETIC	QUALITY RATINGS							
		COLOR	6/12	6/22	6/29	7/6	7/10	7/17	7/26	8/1
NAI-13-132	KB	7.7	6.3	5.0	4.3	3.7	4.0	2.7	2.7	2.3
EVEREST	KB	7.7	7.0	4.7	4.7	3.7	4.0	2.7	2.3	2.7
NAI-13-14	KB	6.7	5.7	4.7	4.3	3.7	3.3	2.3	2.7	2.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.3	6.3	4.3	5.3	4.3	4.3	2.7	2.3	2.0
BLUE NOTE	KB	5.0	5.0	4.0	4.0	3.3	3.3	2.3	2.0	2.0
BLUE DEVIL	KB	6.0	6.3	4.3	4.3	3.0	3.0	2.0	2.7	2.0
BAR PP 110358	KB	4.7	5.3	3.7	4.0	3.0	3.0	2.7	2.3	2.3
PST-K11-118	KB	4.7	5.3	4.0	3.7	3.0	3.0	2.3	2.3	2.3
PST-K15-169	KB	6.3	6.0	3.7	3.0	3.0	3.0	2.0	2.0	2.0
BARRARI	KB	4.0	4.3	3.3	3.3	3.3	3.0	2.3	2.0	2.3
PST-K13-141	KB	4.3	5.0	4.0	3.3	3.0	2.7	2.3	2.0	2.0
PST-K13-137	KB	5.3	5.3	3.0	4.3	2.7	3.0	2.0	2.3	2.3
DAUNTLESS	KB	4.0	4.0	3.3	3.7	2.7	3.0	2.3	2.0	2.3
MIDNIGHT	KB	7.7	6.0	4.0	4.0	3.0	3.0	2.0	2.0	2.0
PST-K13-143	KB	5.3	4.0	3.3	3.3	3.0	2.7	1.3	2.0	1.3
BABE	KB	4.0	4.0	3.0	3.3	2.7	2.7	2.0	1.7	1.7
LSD VALUE		1.2	1.4	1.0	1.2	1.2	1.5	1.7	1.2	1.7
C.V. (%)		13.5	14.6	14.0	16.0	17.1	20.8	27.2	20.6	27.4

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 18B. PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 40% OF ET
(CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2018 DATA

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

NAME		8/6	8/14	QUALITY RATINGS				9/24	10/26	MEAN
				8/24	8/31	9/14	9/24			
NAI-13-132	KB	2.7	2.3	2.3	3.3	2.7	3.3	5.7	3.6	
EVEREST	KB	2.3	2.3	2.0	2.0	2.0	3.0	5.0	3.4	
NAI-13-14	KB	2.3	2.0	2.3	2.3	2.0	3.3	6.7	3.4	
SR 4650 (P.RYEGRASS STANDARD ENTRY)		2.0	1.7	1.7	2.3	2.3	3.3	4.0	3.3	
BLUE NOTE	KB	2.3	1.7	2.3	2.3	2.7	4.0	6.3	3.2	
BLUE DEVIL	KB	2.0	2.0	2.0	2.7	2.0	3.3	4.3	3.1	
BAR PP 110358	KB	2.3	2.3	2.0	2.0	1.3	3.3	6.0	3.0	
PST-K11-118	KB	2.3	2.0	2.7	3.0	2.3	2.3	5.0	3.0	
PST-K15-169	KB	1.3	2.0	2.0	2.3	2.3	4.0	5.7	3.0	
BARRARI	KB	2.0	2.0	1.7	2.7	1.7	3.3	6.0	2.9	
PST-K13-141	KB	2.3	2.3	2.3	2.3	2.3	2.7	4.7	2.9	
PST-K13-137	KB	2.7	1.7	1.7	1.7	1.7	3.0	4.7	2.8	
DAUNTLESS	KB	1.7	2.3	2.3	2.3	2.0	3.0	4.0	2.7	
MIDNIGHT	KB	1.7	2.0	1.3	2.3	1.7	2.3	3.7	2.7	
PST-K13-143	KB	1.7	1.3	1.7	2.0	2.7	3.7	5.7	2.6	
BABE	KB	2.0	2.0	2.0	2.0	1.7	2.3	4.3	2.5	
LSD VALUE		1.5	1.4	1.3	1.2	0.9	2.0	2.2	0.8	
C.V. (%)		27.0	24.8	25.6	22.7	21.2	25.3	20.7	12.4	

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

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

TABLE 18B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2018 DATA

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

		PERCENT GREEN COVER											
NAME		6/1	6/8	6/14	6/22	6/29	7/7	7/13	7/20	7/26	8/2	8/9	8/16
NAI-13-132	KB	84.0	79.3	76.0	63.7	38.7	24.7	8.7	6.0	8.0	9.3	11.0	9.7
EVEREST	KB	92.7	86.3	81.3	61.7	35.3	23.0	9.0	7.0	8.0	9.0	9.7	8.0
NAI-13-14	KB	86.3	79.0	71.7	53.3	29.0	16.0	7.0	5.3	7.3	8.3	6.3	8.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		89.0	82.7	76.3	63.7	40.0	33.0	16.0	8.3	11.0	12.3	10.3	8.3
BLUE NOTE	KB	91.3	82.3	71.7	45.7	18.3	6.0	3.3	2.3	4.0	5.3	6.3	6.7
BLUE DEVIL	KB	81.3	76.7	70.0	53.3	26.7	15.7	6.7	5.3	7.3	8.7	9.7	10.0
BAR PP 110358	KB	92.3	87.7	81.0	62.0	38.7	16.7	9.3	5.7	8.0	9.7	10.0	9.7
PST-K11-118	KB	91.0	83.3	73.7	50.3	26.7	8.3	4.0	3.3	4.3	5.7	5.7	8.7
PST-K15-169	KB	82.7	75.0	62.3	35.7	18.0	9.7	4.0	3.7	4.3	4.3	4.7	3.7
BARRARI	KB	90.3	79.0	69.3	47.3	22.7	4.3	2.7	2.3	3.3	3.3	3.3	4.3
PST-K13-141	KB	84.7	78.0	67.3	48.3	19.0	10.0	7.0	4.7	6.7	6.3	7.7	8.7
PST-K13-137	KB	84.0	75.7	67.7	49.7	29.7	19.3	9.3	6.7	8.0	11.7	7.0	9.7
DAUNTLESS	KB	86.0	76.0	61.3	40.3	20.7	5.0	2.7	2.0	3.3	3.7	5.7	7.0
MIDNIGHT	KB	88.7	80.0	69.7	46.0	22.0	16.3	5.3	4.0	7.0	6.7	9.0	9.7
PST-K13-143	KB	85.7	74.3	64.7	37.0	13.0	2.7	0.7	0.3	1.0	2.7	2.0	4.7
BABE	KB	81.7	74.0	61.0	35.7	18.3	6.3	4.7	3.7	6.0	8.0	8.7	7.3
LSD VALUE		6.8	15.4	12.8	21.0	16.0	8.7	4.5	3.8	3.7	4.4	3.5	4.3
C.V. (%)		4.2	7.7	9.4	21.2	32.5	39.9	43.3	46.5	35.0	35.1	28.0	28.1

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. PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 40% OF ET
(CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2018 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/												
NAME		PERCENT GREEN COVER										
		8/23	8/30	9/6	9/13	9/21	9/27	10/4	10/11	10/18	10/25	11/1
NAI-13-132	KB	8.0	16.3	15.0	22.0	52.0	70.3	87.3	89.0	86.3	89.7	88.7
EVEREST	KB	10.3	14.7	17.3	24.3	49.7	66.0	85.7	87.0	84.0	87.3	85.7
NAI-13-14	KB	10.3	17.7	17.0	25.0	57.7	76.7	91.3	92.3	91.0	92.7	92.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		9.7	21.3	15.3	27.7	56.0	69.7	80.3	81.3	79.0	85.0	83.3
BLUE NOTE	KB	5.3	14.0	13.7	21.3	49.7	71.3	89.0	91.0	86.7	88.7	87.0
BLUE DEVIL	KB	9.3	18.3	17.7	26.0	49.0	65.7	84.3	85.3	83.0	85.7	84.3
BAR PP 110358	KB	9.0	16.3	14.0	18.7	48.0	67.3	86.0	88.0	82.0	84.0	81.0
PST-K11-118	KB	8.0	15.3	15.3	22.7	48.3	64.3	81.7	83.3	77.7	83.3	81.7
PST-K15-169	KB	5.7	10.7	13.0	18.3	50.7	71.0	86.0	87.7	84.7	84.3	80.3
BARRARI	KB	5.3	10.3	11.3	17.7	44.7	65.0	84.3	87.7	84.3	88.0	86.3
PST-K13-141	KB	10.7	14.7	12.7	18.0	48.7	68.3	85.7	87.3	81.3	88.0	84.3
PST-K13-137	KB	8.3	15.3	14.3	19.7	36.7	53.0	75.0	76.7	76.3	80.7	78.3
DAUNTLESS	KB	7.7	11.0	9.0	14.3	33.0	49.7	72.3	73.7	66.3	73.7	68.0
MIDNIGHT	KB	12.3	17.3	18.0	25.7	47.3	62.0	81.0	82.3	81.0	87.0	87.0
PST-K13-143	KB	3.0	9.3	8.7	10.0	41.3	64.3	83.0	86.3	80.3	82.0	73.7
BABE	KB	9.0	13.7	13.7	20.3	39.7	55.7	76.3	78.7	73.0	79.3	78.3
LSD VALUE		3.6	4.5	7.2	7.1	13.0	22.3	17.7	17.8	18.1	14.8	10.6
C.V. (%)		24.9	17.8	23.7	19.4	14.4	14.6	8.7	8.6	9.6	7.4	7.0

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

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

TABLE 18C.

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2018 DATA

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

NAME		GENETIC	QUALITY RATINGS							
		COLOR	6/12	6/22	6/29	7/6	7/10	7/17	7/26	8/1
THUNDERSTRUCK	TF	7.7	7.7	7.0	6.3	6.0	7.0	6.3	5.7	5.7
DLFPS 321/3679	TF	6.0	7.0	6.7	6.3	6.0	7.3	6.7	6.0	6.0
LTP-SYN-A3	TF	6.0	7.0	5.7	6.7	6.0	6.3	5.7	6.0	5.7
RS4	TF	6.0	7.0	6.3	6.3	6.0	6.3	5.7	5.7	5.0
STETSON II	TF	6.3	6.7	6.7	6.3	6.0	7.0	5.3	5.0	5.3
BARROBUSTO	TF	5.3	6.7	6.3	6.0	6.0	6.7	5.3	5.7	5.0
DLFPS 321/3677	TF	7.0	7.7	7.3	6.3	5.3	6.0	5.3	5.3	5.0
GO-AOMK	TF	6.7	8.0	6.7	6.0	6.0	6.7	5.7	4.7	5.7
KINGDOM	TF	7.0	7.0	6.0	6.3	5.7	6.7	6.0	5.7	5.3
PST-5SDS	TF	5.7	7.0	6.3	6.0	5.7	6.7	5.7	5.3	5.3
PST-R511	TF	5.3	6.3	5.3	6.0	6.0	6.7	5.7	5.3	4.3
TITANIUM 2LS	TF	6.3	7.3	6.3	6.0	6.0	6.0	5.3	6.0	5.0
DLFPS 321/3678	TF	5.3	7.0	6.3	6.3	6.0	6.3	5.3	5.3	5.3
NONET	TF	5.7	6.7	6.0	7.0	5.7	6.3	5.0	5.3	5.0
SUPERSONIC	TF	6.7	7.3	6.0	6.3	6.0	6.3	5.7	5.3	4.7
THOR	TF	6.0	7.0	6.3	6.0	5.7	6.3	5.7	5.3	5.0
BAR FA 121095	TF	7.3	7.0	6.0	6.3	5.7	6.3	5.3	5.3	4.7
MRSI TF15	TF	6.3	7.0	5.7	6.3	6.0	6.3	5.0	5.3	5.0
CATALYST	TF	5.0	6.3	5.7	6.0	5.3	5.7	4.7	5.0	4.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.3	6.3	4.3	5.3	4.3	4.3	2.7	2.3	2.0
LSD VALUE		1.7	1.3	1.0	1.5	0.6	1.0	1.1	0.8	0.8
C.V. (%)		13.7	8.1	9.4	8.5	6.2	8.7	12.3	9.7	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.

TABLE 18C. PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 40% OF ET
(CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2018 DATA

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

NAME		8/6	8/14	QUALITY RATINGS				10/26	MEAN
				8/24	8/31	9/14	9/24		
THUNDERSTRUCK	TF	5.0	5.3	4.7	4.7	4.0	4.0	5.7	5.7
DLFPS 321/3679	TF	5.0	4.7	5.0	5.0	3.7	3.3	4.3	5.5
LTP-SYN-A3	TF	5.3	4.3	4.3	4.0	3.3	3.7	5.3	5.3
RS4	TF	4.7	3.7	4.7	4.7	3.7	4.7	5.7	5.3
STETSON II	TF	4.7	4.0	4.3	4.0	3.7	4.3	5.0	5.2
BARROBUSTO	TF	5.0	4.0	4.0	4.0	3.3	3.7	5.0	5.1
DLFPS 321/3677	TF	4.7	3.7	3.7	3.7	3.0	4.0	5.3	5.1
GO-AOMK	TF	4.7	3.7	4.0	3.7	3.0	3.3	4.7	5.1
KINGDOM	TF	4.7	4.3	4.0	4.3	3.0	3.7	4.3	5.1
PST-5SDS	TF	5.0	4.3	3.7	4.7	3.3	3.7	4.3	5.1
PST-R511	TF	5.0	3.3	4.0	4.3	3.7	5.0	5.3	5.1
TITANIUM 2LS	TF	5.3	3.7	4.0	4.0	3.0	3.7	5.0	5.1
DLFPS 321/3678	TF	5.3	3.3	3.7	4.0	3.0	3.3	4.7	5.0
NONET	TF	5.0	3.3	4.3	4.3	3.3	3.3	4.0	5.0
SUPERSONIC	TF	5.0	4.0	4.3	4.0	3.3	3.3	4.0	5.0
THOR	TF	5.0	3.7	4.3	4.7	3.0	3.3	4.3	5.0
BAR FA 121095	TF	5.3	4.0	4.0	3.7	3.0	3.0	4.3	4.9
MRSI TF15	TF	5.0	3.7	4.3	3.0	2.7	3.7	5.0	4.9
CATALYST	TF	4.7	3.0	3.7	3.3	3.0	4.0	5.0	4.6
SR 4650 (P.RYEGRASS STANDARD ENTRY)		2.0	1.7	1.7	2.3	2.3	3.3	4.0	3.3
LSD VALUE		1.1	1.1	1.3	1.2	1.8	1.7	2.1	0.4
C.V. (%)		13.2	16.8	16.8	16.3	19.6	18.8	17.0	5.6

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

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

TABLE 18C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2018 DATA

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

		PERCENT GREEN COVER											
NAME		6/1	6/8	6/14	6/22	6/29	7/7	7/13	7/20	7/26	8/2	8/9	8/16
THUNDERSTRUCK	TF	84.3	87.0	82.3	77.7	67.7	66.7	60.0	51.7	52.7	46.0	39.0	33.3
DLFPS 321/3679	TF	77.3	78.3	76.0	75.7	68.0	68.0	59.7	50.0	51.7	47.0	36.0	31.0
LTP-SYN-A3	TF	80.7	80.7	76.3	75.0	67.0	63.7	57.7	47.0	51.3	42.0	35.0	28.0
RS4	TF	85.0	80.7	78.3	77.7	68.7	63.7	50.3	39.0	42.3	36.7	32.0	23.0
STETSON II	TF	79.3	80.3	80.7	78.0	65.0	63.0	54.3	43.3	46.0	39.0	34.7	33.0
BARROBUSTO	TF	84.0	79.7	77.0	74.7	66.3	61.0	51.7	41.0	45.0	37.0	28.0	21.0
DLFPS 321/3677	TF	84.7	84.3	81.7	76.3	65.0	59.7	49.0	40.0	42.0	35.0	27.7	19.3
GO-AOMK	TF	81.0	78.7	75.7	72.7	61.0	64.3	55.3	44.3	45.7	45.5	30.3	23.0
KINGDOM	TF	81.7	80.0	77.7	76.3	67.7	64.7	55.3	45.0	46.3	34.3	27.3	19.7
PST-5SDS	TF	80.3	82.3	79.3	77.7	67.3	60.3	54.0	44.7	47.0	40.7	29.7	23.0
PST-R511	TF	79.3	78.0	72.3	72.7	64.3	61.7	51.0	39.3	41.7	36.3	29.7	24.7
TITANIUM 2LS	TF	87.3	82.7	78.0	76.0	65.3	61.7	52.7	41.3	45.7	38.0	30.0	24.0
DLFPS 321/3678	TF	77.3	78.0	80.0	76.0	66.0	66.3	58.0	48.7	51.3	40.3	32.7	23.7
NONET	TF	78.0	74.3	71.3	69.3	59.3	57.3	48.7	40.0	44.0	38.3	31.3	28.3
SUPERSONIC	TF	85.0	81.3	81.0	78.3	65.7	58.7	51.3	39.7	41.3	36.0	27.0	21.0
THOR	TF	77.0	82.0	79.0	77.0	67.0	68.0	54.0	43.0	46.7	33.3	26.0	19.7
BAR FA 121095	TF	81.0	80.7	74.0	69.7	61.3	62.0	53.3	45.0	47.0	39.7	32.7	23.3
MRSL TF15	TF	79.3	79.7	73.0	71.7	59.0	60.0	46.0	38.3	42.3	34.7	30.0	21.3
CATALYST	TF	78.0	75.3	72.7	70.0	63.7	52.0	39.3	32.3	32.3	27.3	21.3	17.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		89.0	82.7	76.3	63.7	40.0	33.0	16.0	8.3	11.0	12.3	10.3	8.3
LSD VALUE		10.1	12.7	13.7	11.2	9.4	9.3	11.4	11.8	11.0	12.6	11.8	13.3
C.V. (%)		5.5	5.7	6.5	6.6	8.5	9.3	13.7	17.1	15.3	18.6	21.0	28.0

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

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

TABLE 18C. PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 40% OF ET
(CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2018 DATA

		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/										
		PERCENT GREEN COVER										
NAME		8/23	8/30	9/6	9/13	9/21	9/27	10/4	10/11	10/18	10/25	11/1
THUNDERSTRUCK	TF	31.0	34.3	28.7	36.0	46.7	57.7	72.3	76.3	71.3	73.3	66.3
DLFPS 321/3679	TF	24.0	28.3	22.7	27.7	42.3	51.3	68.7	72.0	68.0	71.0	67.0
LTP-SYN-A3	TF	24.0	29.7	23.3	32.3	47.7	60.7	78.3	81.0	76.3	80.3	76.0
RS4	TF	21.0	27.3	21.3	28.7	49.0	64.0	80.3	82.3	80.0	83.0	78.3
STETSON II	TF	32.0	32.7	26.7	32.3	50.3	64.0	77.7	80.7	76.7	78.0	72.7
BARROBUSTO	TF	19.7	22.0	17.7	27.3	42.7	56.7	75.7	78.7	73.0	77.3	70.3
DLFPS 321/3677	TF	17.7	21.7	18.0	23.3	41.0	54.3	74.3	76.7	71.0	76.3	71.7
GO-AOMK	TF	22.3	25.7	20.7	30.0	43.0	57.7	74.0	76.0	74.7	76.7	71.0
KINGDOM	TF	19.7	22.0	14.7	20.3	32.7	46.0	67.7	70.7	67.3	69.7	64.0
PST-5SDS	TF	21.0	24.3	22.0	28.3	44.7	58.0	78.3	79.7	74.3	77.3	68.7
PST-R511	TF	22.7	29.7	26.0	34.0	49.0	62.0	80.0	82.7	78.3	80.3	72.7
TITANIUM 2LS	TF	20.0	28.7	23.7	30.0	46.3	60.7	80.3	82.7	78.3	81.3	77.0
DLFPS 321/3678	TF	21.0	26.7	20.0	26.7	42.3	54.3	73.7	76.0	72.0	78.3	72.7
NONET	TF	25.3	30.0	27.3	35.7	49.7	59.7	74.3	75.3	70.0	71.0	63.7
SUPERSONIC	TF	18.3	22.7	18.3	27.7	39.0	46.7	66.7	71.3	63.7	69.3	62.0
THOR	TF	17.0	22.3	15.3	24.3	37.3	49.3	69.3	72.0	68.0	73.0	70.3
BAR FA 121095	TF	20.3	25.3	16.0	23.0	38.3	53.0	73.3	76.3	71.3	75.0	66.7
MRS L TF15	TF	21.0	26.7	22.7	27.7	46.3	59.3	78.7	81.0	76.7	80.0	73.0
CATALYST	TF	15.3	20.7	14.0	23.3	43.7	60.3	80.0	82.7	78.3	82.7	77.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		9.7	21.3	15.3	27.7	56.0	69.7	80.3	81.3	79.0	85.0	83.3
LSD VALUE		16.3	24.5	21.1	30.4	33.2	36.0	28.2	30.2	31.2	25.5	21.4
C.V. (%)		31.9	29.3	35.7	31.7	23.3	19.8	11.6	11.3	12.8	10.8	11.5

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

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

TABLE 19A.

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2018 DATA

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

NAME		GENETIC	QUALITY RATINGS							
		COLOR	6/12	6/22	6/29	7/6	7/10	7/17	7/26	8/1
DLFPS 321/3679	TF	6.0	7.0	6.7	6.7	6.3	7.3	6.7	6.0	6.0
THUNDERSTRUCK	TF	5.7	7.7	6.7	7.3	6.3	7.3	6.7	6.0	5.7
DLFPS 321/3677	TF	6.0	7.3	7.0	6.7	6.3	7.0	6.3	6.0	5.3
MRSI TF15	TF	6.7	8.0	6.7	5.7	6.0	6.7	6.0	6.0	5.7
DLFPS 321/3678	TF	6.3	7.3	7.0	6.3	5.7	5.7	6.7	5.7	5.7
THOR	TF	7.0	6.7	6.7	6.7	6.0	7.3	5.7	6.0	5.7
KINGDOM	TF	6.7	6.7	6.3	6.3	5.3	6.3	5.3	5.7	5.0
RS4	TF	5.7	6.7	7.0	6.3	5.7	6.7	5.7	5.7	5.0
BAR FA 121095	TF	6.3	7.0	6.7	6.7	5.7	6.7	5.7	5.7	5.7
PST-5SDS	TF	6.0	7.0	6.7	6.7	5.7	6.3	5.3	5.7	5.3
STETSON II	TF	6.7	6.7	6.7	6.0	5.7	6.3	5.7	5.7	5.0
GO-AOMK	TF	7.7	7.3	6.7	6.0	5.3	6.3	5.3	5.3	4.7
LTP-SYN-A3	TF	7.0	6.7	6.3	6.3	4.7	6.3	5.3	6.0	4.7
TITANIUM 2LS	TF	6.0	7.0	6.7	6.0	6.0	6.3	5.3	5.7	4.7
PST-R511	TF	5.3	6.7	5.7	6.0	5.7	5.7	5.0	5.3	4.7
SUPERSONIC	TF	6.0	7.3	6.3	6.0	5.3	6.0	5.3	5.3	4.7
BARROBUSTO	TF	5.3	6.7	6.7	6.3	5.7	6.0	4.7	5.7	4.7
NONET	TF	5.7	6.7	6.0	6.0	5.3	5.7	5.3	5.3	4.3
CATALYST	TF	5.3	6.3	6.3	6.3	5.7	5.0	4.7	5.0	3.7
NAI-13-14	KB	8.0	7.0	6.0	5.3	4.0	4.7	3.7	3.7	3.7
NAI-13-132	KB	6.7	7.3	5.7	5.7	3.7	4.3	3.0	3.3	3.3
BLUE NOTE	KB	4.3	5.3	4.3	5.0	4.0	3.7	3.3	3.7	3.0
EVEREST	KB	7.0	5.7	5.0	4.7	3.7	3.3	3.0	3.0	3.0
MIDNIGHT	KB	6.3	6.0	5.0	5.3	4.0	3.7	3.3	3.7	3.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.0	6.7	5.0	6.0	4.3	4.7	3.3	3.0	2.7
PST-K15-169	KB	5.7	6.3	4.7	5.0	3.7	4.0	3.3	3.0	3.0
BAR PP 110358	KB	4.0	4.7	4.0	5.3	4.3	3.7	3.0	3.3	2.3
PST-K13-141	KB	4.7	5.3	4.3	4.3	3.3	3.3	2.7	3.3	2.7
BABE	KB	3.3	4.7	3.0	5.0	3.3	3.7	2.7	3.0	2.7
PST-K13-143	KB	5.7	5.3	3.7	3.3	2.3	3.3	2.7	2.0	2.7
PST-K13-137	KB	6.3	5.0	4.0	4.3	3.3	4.3	2.7	2.3	2.7
BARRARI	KB	3.7	4.3	3.3	4.7	2.7	3.0	2.3	2.7	2.0
BLUE DEVIL	KB	7.0	5.7	4.3	5.3	2.7	2.7	2.0	2.7	2.7
DAUNTLESS	KB	4.3	5.0	3.7	3.3	2.7	3.3	2.0	2.0	2.3
PST-K11-118	KB	4.0	4.3	3.0	3.7	3.0	3.0	2.3	2.3	2.3
LSD VALUE		1.3	1.3	1.0	1.1	1.1	1.3	1.3	1.0	0.9
C.V. (%)		14.1	12.4	12.3	12.3	15.7	16.7	19.7	14.6	15.3

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

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

TABLE 19A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2018 DATA

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

		QUALITY RATINGS							MEAN
NAME		8/6	8/14	8/24	8/31	9/14	9/24	10/26	
DLFPS 321/3679	TF	5.3	5.0	5.3	5.3	4.0	4.3	4.3	5.8
THUNDERSTRUCK	TF	5.3	4.3	5.0	5.0	4.0	4.0	4.7	5.7
DLFPS 321/3677	TF	5.0	4.3	5.3	5.0	4.0	4.0	4.3	5.6
MRS L TF15	TF	5.3	4.3	4.7	5.3	4.0	4.3	5.0	5.6
DLFPS 321/3678	TF	5.0	4.0	4.3	4.3	3.3	4.0	5.3	5.4
THOR	TF	5.3	4.3	4.7	4.7	3.7	3.7	4.0	5.4
KINGDOM	TF	4.7	4.3	5.0	4.7	4.0	4.7	5.0	5.3
RS4	TF	5.0	4.0	4.3	5.0	4.0	4.7	4.3	5.3
BAR FA 121095	TF	4.7	3.7	4.3	4.3	3.3	3.7	3.7	5.2
PST-5SDS	TF	4.7	3.7	4.3	4.3	4.3	4.3	4.3	5.2
STETSON II	TF	5.0	4.0	4.3	4.3	4.0	4.7	4.7	5.2
GO-AOMK	TF	4.7	3.7	4.3	4.7	3.7	3.3	5.0	5.1
LTP-SYN-A3	TF	5.0	4.0	4.0	4.7	3.7	4.0	4.3	5.1
TITANIUM 2LS	TF	4.3	4.0	4.0	4.0	3.3	4.0	5.0	5.1
PST-R511	TF	4.0	3.7	4.7	4.7	4.3	4.3	5.0	5.0
SUPERSONIC	TF	5.0	3.3	4.0	4.3	4.0	4.0	4.7	5.0
BARROBUSTO	TF	4.3	3.3	3.7	4.0	3.0	3.7	5.3	4.9
NONET	TF	4.7	3.3	4.3	4.3	3.3	3.3	4.0	4.8
CATALYST	TF	4.3	3.0	4.0	4.7	3.3	4.0	4.7	4.7
NAI-13-14	KB	3.0	3.3	3.3	3.3	3.0	4.0	5.7	4.2
NAI-13-132	KB	3.0	2.7	3.3	3.3	2.7	3.7	5.0	4.0
BLUE NOTE	KB	3.0	2.7	3.7	3.3	3.0	3.7	5.3	3.8
EVEREST	KB	3.0	3.0	3.0	3.7	3.0	3.7	6.3	3.8
MIDNIGHT	KB	2.7	3.0	3.3	3.3	2.3	3.7	5.0	3.8
SR 4650 (P.RYEGRASS STANDARD ENTRY)		2.3	2.0	2.7	3.3	3.0	3.3	4.3	3.8
PST-K15-169	KB	2.7	3.0	3.0	3.0	3.0	3.3	5.0	3.7
BAR PP 110358	KB	2.3	2.3	3.0	2.7	2.3	3.7	5.0	3.5
PST-K13-141	KB	2.3	2.7	3.0	3.0	2.7	2.3	4.0	3.3
BABE	KB	2.3	2.7	3.0	2.7	2.3	3.0	4.0	3.2
PST-K13-143	KB	2.0	2.3	3.0	3.3	3.3	3.3	5.0	3.2
PST-K13-137	KB	2.7	2.0	2.7	2.0	2.0	2.3	4.0	3.1
BARRARI	KB	2.0	2.3	2.7	3.0	2.7	3.3	4.7	3.0
BLUE DEVIL	KB	2.3	2.3	2.3	2.3	2.3	2.0	3.7	3.0
DAUNTLESS	KB	1.7	2.7	3.3	2.7	2.7	3.0	5.3	3.0
PST-K11-118	KB	2.0	2.7	2.7	2.7	2.7	2.3	4.3	2.9
LSD VALUE		1.1	1.0	1.0	1.0	1.3	1.6	2.9	0.6
C.V. (%)		18.9	18.0	15.8	16.2	21.1	21.6	20.2	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 19A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2018 DATA

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

		PERCENT GREEN COVER											
NAME		6/1	6/8	6/14	6/22	6/29	7/7	7/13	7/20	7/26	8/2	8/9	8/16
DLFPS 321/3679	TF	84.7	79.3	77.0	76.3	68.3	68.0	62.7	54.7	56.0	50.7	40.3	36.7
THUNDERSTRUCK	TF	74.7	81.0	83.3	79.0	70.7	73.0	62.3	57.3	59.0	51.0	44.7	34.0
DLFPS 321/3677	TF	82.3	84.0	81.3	80.0	71.0	70.3	62.3	54.3	55.7	51.3	42.7	39.3
MRS� TF15	TF	84.7	83.0	80.7	78.3	67.3	64.0	53.0	45.3	47.7	44.0	37.0	33.7
DLFPS 321/3678	TF	81.0	83.7	80.7	77.7	68.7	65.7	56.7	47.3	50.7	48.3	41.0	34.7
THOR	TF	83.7	82.3	80.0	75.7	68.7	66.3	54.7	46.7	50.7	46.7	37.7	32.0
KINGDOM	TF	79.0	75.7	73.7	68.3	59.0	54.3	41.3	38.3	42.7	39.3	36.3	32.3
RS4	TF	82.7	83.7	83.7	80.3	72.7	66.0	55.7	48.3	49.7	43.7	36.3	33.7
BAR FA 121095	TF	78.0	78.7	76.0	75.0	65.3	65.3	56.0	45.3	47.3	41.7	32.3	31.7
PST-5SDS	TF	78.7	81.0	80.0	77.3	67.3	60.0	46.7	40.7	42.3	38.7	30.3	25.0
STETSON II	TF	84.3	78.3	73.7	70.7	58.3	59.3	46.0	42.7	46.7	40.3	34.3	27.7
GO-AOMK	TF	77.7	71.3	71.0	64.7	51.3	49.7	31.3	30.7	37.3	37.7	32.3	27.7
LTP-SYN-A3	TF	84.0	83.3	80.7	77.3	68.7	64.0	51.0	45.0	48.3	40.7	36.0	30.0
TITANIUM 2LS	TF	84.0	84.3	82.7	80.0	72.7	68.0	56.7	46.7	52.3	46.3	39.7	32.7
PST-R511	TF	81.0	78.0	75.3	67.3	57.3	50.0	37.0	31.7	36.3	37.3	34.0	28.7
SUPERSONIC	TF	84.7	80.3	76.7	71.7	65.0	55.3	46.0	37.0	42.3	37.0	29.7	25.7
BARROBUSTO	TF	81.7	83.0	80.7	75.0	63.0	57.3	46.7	38.7	42.3	38.3	34.0	26.7
NONET	TF	83.3	77.0	72.0	63.3	51.0	49.7	42.0	36.0	40.7	33.0	33.0	25.7
CATALYST	TF	82.0	81.7	77.7	72.0	61.0	52.3	40.7	32.3	35.3	32.7	29.7	28.0
NAI-13-14	KB	89.7	86.7	81.0	73.7	56.0	35.7	18.7	16.3	18.7	21.0	17.7	18.3
NAI-13-132	KB	87.3	85.0	81.7	67.3	39.7	29.3	13.3	11.3	15.0	21.0	19.3	19.3
BLUE NOTE	KB	91.0	85.3	77.3	64.7	46.7	20.3	10.7	6.7	8.7	9.3	10.7	14.3
EVEREST	KB	88.0	82.7	73.7	62.0	39.7	26.0	10.3	9.0	12.3	17.3	14.7	16.0
MIDNIGHT	KB	90.7	89.3	83.0	68.0	45.7	30.7	14.3	12.7	16.3	19.7	17.7	19.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		83.0	80.0	72.3	57.0	38.7	41.0	27.3	18.0	24.3	23.3	21.0	22.7
PST-K15-169	KB	83.7	78.7	71.3	54.7	32.3	21.3	10.3	10.0	12.3	15.7	13.7	11.7
BAR PP 110358	KB	91.0	89.3	83.3	73.0	53.7	26.3	13.7	10.3	17.7	18.3	17.7	18.3
PST-K13-141	KB	87.0	85.3	77.7	63.3	38.0	19.3	10.7	10.7	15.0	14.0	17.0	15.3
BABE	KB	85.0	76.0	68.0	49.0	30.0	8.0	8.0	6.0	8.0	13.0	12.3	12.3
PST-K13-143	KB	85.0	72.7	63.0	44.3	18.3	10.3	4.3	3.0	5.3	7.7	10.0	12.3
PST-K13-137	KB	84.0	73.0	64.7	49.3	26.7	17.0	7.0	6.0	9.3	13.7	12.0	12.0
BARRARI	KB	87.0	76.0	63.3	46.0	26.3	9.3	6.0	5.0	7.7	10.0	10.3	11.3
BLUE DEVIL	KB	85.7	77.7	67.7	50.3	26.3	16.3	9.3	7.3	9.0	13.3	13.7	15.3
DAUNTLESS	KB	83.0	73.0	59.3	43.0	22.0	10.0	7.7	6.7	9.3	14.0	14.3	16.7
PST-K11-118	KB	86.3	73.0	61.7	39.0	16.3	7.0	6.0	5.0	7.0	11.7	14.0	20.0
LSD VALUE		11.9	12.7	10.8	12.9	16.0	14.3	16.9	14.6	13.1	10.7	8.1	8.7
C.V. (%)		6.0	7.3	8.4	12.4	20.4	22.6	34.8	35.0	28.3	23.9	20.5	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.

TABLE 19A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2018 DATA

		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/										
		PERCENT GREEN COVER										
NAME		8/23	8/30	9/6	9/13	9/21	9/27	10/4	10/11	10/18	10/25	11/1
DLFPS 321/3679	TF	33.3	36.3	35.3	43.0	54.7	60.3	72.3	73.3	68.7	71.0	65.0
THUNDERSTRUCK	TF	31.7	36.0	33.7	40.7	51.7	57.0	68.3	70.0	63.7	65.3	60.0
DLFPS 321/3677	TF	32.3	38.7	37.3	46.0	59.3	65.7	76.3	78.0	72.7	75.7	71.0
MRSI TF15	TF	29.0	35.0	34.0	43.3	58.3	67.0	79.0	80.3	74.7	76.7	68.7
DLFPS 321/3678	TF	30.0	37.3	35.0	42.7	57.0	66.0	80.0	81.7	79.3	81.3	75.3
THOR	TF	27.3	33.0	32.3	37.0	49.3	53.7	67.0	69.7	61.3	65.3	59.7
KINGDOM	TF	30.3	38.0	39.7	48.0	60.0	66.0	76.0	77.0	72.7	73.7	69.7
RS4	TF	30.3	39.7	38.0	48.0	63.3	71.0	81.7	83.0	77.3	79.0	75.0
BAR FA 121095	TF	27.3	32.0	32.7	36.7	48.0	54.7	67.3	66.3	61.3	64.3	58.0
PST-5SDS	TF	22.7	27.3	28.0	37.0	52.3	59.7	74.7	74.7	66.7	71.0	65.3
STETSON II	TF	26.0	34.3	35.7	45.7	59.7	67.3	80.0	82.3	77.7	79.0	73.3
GO-AOMK	TF	27.0	34.7	34.0	42.3	54.7	63.3	75.0	75.0	72.3	74.7	72.0
LTP-SYN-A3	TF	27.0	31.3	29.0	37.3	52.3	62.7	77.7	79.0	76.0	78.3	71.7
TITANIUM 2LS	TF	28.3	37.0	35.0	42.0	57.7	67.7	79.7	81.7	77.0	79.0	76.0
PST-R511	TF	27.3	38.0	40.3	48.7	62.0	72.3	82.7	86.0	80.3	80.3	76.0
SUPERSONIC	TF	22.3	31.7	31.0	39.0	51.7	62.0	74.7	78.0	72.0	74.3	70.0
BARROBUSTO	TF	24.3	30.7	26.7	37.3	54.0	63.0	79.0	81.0	75.7	77.3	70.3
NONET	TF	25.0	31.7	30.7	39.3	49.7	59.0	72.3	73.3	67.0	69.7	66.0
CATALYST	TF	23.7	29.3	27.0	38.7	51.7	59.0	72.7	72.7	67.0	68.7	63.7
NAI-13-14	KB	20.3	27.0	28.7	34.3	51.3	61.0	75.7	76.0	71.7	77.7	77.7
NAI-13-132	KB	18.0	26.7	28.0	32.7	51.3	61.7	75.7	76.0	71.3	78.7	79.3
BLUE NOTE	KB	11.3	19.3	21.0	24.3	49.7	63.0	80.0	80.7	75.0	77.7	76.0
EVEREST	KB	18.3	26.0	28.3	33.7	59.0	71.3	83.7	83.0	79.7	85.7	84.0
MIDNIGHT	KB	18.3	27.0	30.0	35.3	57.0	71.0	86.3	86.3	84.3	88.0	86.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		25.7	39.3	40.3	49.7	69.7	80.3	87.0	87.0	84.7	88.0	87.7
PST-K15-169	KB	15.7	22.7	26.0	31.7	48.7	59.7	76.7	78.0	72.3	77.0	76.0
BAR PP 110358	KB	17.0	22.3	22.3	27.0	49.7	61.0	77.7	78.0	73.0	78.3	76.0
PST-K13-141	KB	17.0	24.0	26.7	33.0	48.3	56.7	72.0	72.0	67.0	74.0	72.3
BABE	KB	14.3	20.7	23.7	29.7	45.0	55.7	70.3	69.0	63.7	72.7	72.0
PST-K13-143	KB	16.0	20.7	22.0	28.7	55.3	68.0	82.3	81.0	75.3	79.3	72.3
PST-K13-137	KB	11.7	23.0	20.7	23.3	40.7	52.0	68.3	71.0	68.0	73.7	72.3
BARRARI	KB	12.3	16.7	22.0	27.7	45.7	61.3	78.3	80.0	75.0	79.0	78.0
BLUE DEVIL	KB	16.7	27.7	28.7	36.0	54.7	63.7	80.3	80.0	77.7	83.7	83.0
DAUNTLESS	KB	13.0	23.3	24.0	31.0	51.3	65.0	81.0	83.3	78.0	82.7	80.0
PST-K11-118	KB	17.7	28.0	28.3	30.3	53.7	68.0	82.0	82.7	78.3	85.0	81.7
LSD VALUE		7.2	7.0	8.0	8.3	12.2	23.0	21.4	24.7	29.3	23.4	19.5
C.V. (%)		20.2	14.9	15.9	14.0	11.8	13.6	10.0	10.6	13.1	11.4	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 19B.

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2018 DATA

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

NAME		GENETIC	QUALITY RATINGS							
		COLOR	6/12	6/22	6/29	7/6	7/10	7/17	7/26	8/1
NAI-13-14	KB	8.0	7.0	6.0	5.3	4.0	4.7	3.7	3.7	3.7
NAI-13-132	KB	6.7	7.3	5.7	5.7	3.7	4.3	3.0	3.3	3.3
BLUE NOTE	KB	4.3	5.3	4.3	5.0	4.0	3.7	3.3	3.7	3.0
EVEREST	KB	7.0	5.7	5.0	4.7	3.7	3.3	3.0	3.0	3.0
MIDNIGHT	KB	6.3	6.0	5.0	5.3	4.0	3.7	3.3	3.7	3.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.0	6.7	5.0	6.0	4.3	4.7	3.3	3.0	2.7
PST-K15-169	KB	5.7	6.3	4.7	5.0	3.7	4.0	3.3	3.0	3.0
BAR PP 110358	KB	4.0	4.7	4.0	5.3	4.3	3.7	3.0	3.3	2.3
PST-K13-141	KB	4.7	5.3	4.3	4.3	3.3	3.3	2.7	3.3	2.7
BABE	KB	3.3	4.7	3.0	5.0	3.3	3.7	2.7	3.0	2.7
PST-K13-143	KB	5.7	5.3	3.7	3.3	2.3	3.3	2.7	2.0	2.7
PST-K13-137	KB	6.3	5.0	4.0	4.3	3.3	4.3	2.7	2.3	2.7
BARRARI	KB	3.7	4.3	3.3	4.7	2.7	3.0	2.3	2.7	2.0
BLUE DEVIL	KB	7.0	5.7	4.3	5.3	2.7	2.7	2.0	2.7	2.7
DAUNTLESS	KB	4.3	5.0	3.7	3.3	2.7	3.3	2.0	2.0	2.3
PST-K11-118	KB	4.0	4.3	3.0	3.7	3.0	3.0	2.3	2.3	2.3
LSD VALUE		1.3	1.3	1.1	1.3	1.5	1.7	1.4	1.4	1.0
C.V. (%)		15.3	13.4	15.2	15.2	20.7	20.5	22.5	22.4	17.7

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

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

TABLE 19B. PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 60% OF ET
(CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2018 DATA

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

NAME		8/6	8/14	QUALITY RATINGS		9/14	9/24	10/26	MEAN
				8/24	8/31				
NAI-13-14	KB	3.0	3.3	3.3	3.3	3.0	4.0	5.7	4.2
NAI-13-132	KB	3.0	2.7	3.3	3.3	2.7	3.7	5.0	4.0
BLUE NOTE	KB	3.0	2.7	3.7	3.3	3.0	3.7	5.3	3.8
EVEREST	KB	3.0	3.0	3.0	3.7	3.0	3.7	6.3	3.8
MIDNIGHT	KB	2.7	3.0	3.3	3.3	2.3	3.7	5.0	3.8
SR 4650 (P.RYEGRASS STANDARD ENTRY)		2.3	2.0	2.7	3.3	3.0	3.3	4.3	3.8
PST-K15-169	KB	2.7	3.0	3.0	3.0	3.0	3.3	5.0	3.7
BAR PP 110358	KB	2.3	2.3	3.0	2.7	2.3	3.7	5.0	3.5
PST-K13-141	KB	2.3	2.7	3.0	3.0	2.7	2.3	4.0	3.3
BABE	KB	2.3	2.7	3.0	2.7	2.3	3.0	4.0	3.2
PST-K13-143	KB	2.0	2.3	3.0	3.3	3.3	3.3	5.0	3.2
PST-K13-137	KB	2.7	2.0	2.7	2.0	2.0	2.3	4.0	3.1
BARRARI	KB	2.0	2.3	2.7	3.0	2.7	3.3	4.7	3.0
BLUE DEVIL	KB	2.3	2.3	2.3	2.3	2.3	2.0	3.7	3.0
DAUNTLESS	KB	1.7	2.7	3.3	2.7	2.7	3.0	5.3	3.0
PST-K11-118	KB	2.0	2.7	2.7	2.7	2.7	2.3	4.3	2.9
LSD VALUE		1.4	0.9	1.6	1.5	1.9	1.8	2.9	0.8
C.V. (%)		23.3	16.1	19.4	20.7	24.1	25.3	22.8	11.8

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

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

TABLE 19B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2018 DATA

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

		PERCENT GREEN COVER											
NAME		6/1	6/8	6/14	6/22	6/29	7/7	7/13	7/20	7/26	8/2	8/9	8/16
NAI-13-14	KB	89.7	86.7	81.0	73.7	56.0	35.7	18.7	16.3	18.7	21.0	17.7	18.3
NAI-13-132	KB	87.3	85.0	81.7	67.3	39.7	29.3	13.3	11.3	15.0	21.0	19.3	19.3
BLUE NOTE	KB	91.0	85.3	77.3	64.7	46.7	20.3	10.7	6.7	8.7	9.3	10.7	14.3
EVEREST	KB	88.0	82.7	73.7	62.0	39.7	26.0	10.3	9.0	12.3	17.3	14.7	16.0
MIDNIGHT	KB	90.7	89.3	83.0	68.0	45.7	30.7	14.3	12.7	16.3	19.7	17.7	19.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		83.0	80.0	72.3	57.0	38.7	41.0	27.3	18.0	24.3	23.3	21.0	22.7
PST-K15-169	KB	83.7	78.7	71.3	54.7	32.3	21.3	10.3	10.0	12.3	15.7	13.7	11.7
BAR PP 110358	KB	91.0	89.3	83.3	73.0	53.7	26.3	13.7	10.3	17.7	18.3	17.7	18.3
PST-K13-141	KB	87.0	85.3	77.7	63.3	38.0	19.3	10.7	10.7	15.0	14.0	17.0	15.3
BABE	KB	85.0	76.0	68.0	49.0	30.0	8.0	8.0	6.0	8.0	13.0	12.3	12.3
PST-K13-143	KB	85.0	72.7	63.0	44.3	18.3	10.3	4.3	3.0	5.3	7.7	10.0	12.3
PST-K13-137	KB	84.0	73.0	64.7	49.3	26.7	17.0	7.0	6.0	9.3	13.7	12.0	12.0
BARRARI	KB	87.0	76.0	63.3	46.0	26.3	9.3	6.0	5.0	7.7	10.0	10.3	11.3
BLUE DEVIL	KB	85.7	77.7	67.7	50.3	26.3	16.3	9.3	7.3	9.0	13.3	13.7	15.3
DAUNTLESS	KB	83.0	73.0	59.3	43.0	22.0	10.0	7.7	6.7	9.3	14.0	14.3	16.7
PST-K11-118	KB	86.3	73.0	61.7	39.0	16.3	7.0	6.0	5.0	7.0	11.7	14.0	20.0
LSD VALUE		13.0	10.4	11.2	14.3	15.6	9.9	10.0	7.5	8.3	10.8	9.7	9.7
C.V. (%)		5.4	7.1	9.1	15.0	26.6	30.3	48.8	44.9	37.8	34.4	28.9	27.4

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 19B. PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 60% OF ET
(CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2018 DATA

		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/										
NAME		PERCENT GREEN COVER										
		8/23	8/30	9/6	9/13	9/21	9/27	10/4	10/11	10/18	10/25	11/1
NAI-13-14	KB	20.3	27.0	28.7	34.3	51.3	61.0	75.7	76.0	71.7	77.7	77.7
NAI-13-132	KB	18.0	26.7	28.0	32.7	51.3	61.7	75.7	76.0	71.3	78.7	79.3
BLUE NOTE	KB	11.3	19.3	21.0	24.3	49.7	63.0	80.0	80.7	75.0	77.7	76.0
EVEREST	KB	18.3	26.0	28.3	33.7	59.0	71.3	83.7	83.0	79.7	85.7	84.0
MIDNIGHT	KB	18.3	27.0	30.0	35.3	57.0	71.0	86.3	86.3	84.3	88.0	86.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		25.7	39.3	40.3	49.7	69.7	80.3	87.0	87.0	84.7	88.0	87.7
PST-K15-169	KB	15.7	22.7	26.0	31.7	48.7	59.7	76.7	78.0	72.3	77.0	76.0
BAR PP 110358	KB	17.0	22.3	22.3	27.0	49.7	61.0	77.7	78.0	73.0	78.3	76.0
PST-K13-141	KB	17.0	24.0	26.7	33.0	48.3	56.7	72.0	72.0	67.0	74.0	72.3
BABE	KB	14.3	20.7	23.7	29.7	45.0	55.7	70.3	69.0	63.7	72.7	72.0
PST-K13-143	KB	16.0	20.7	22.0	28.7	55.3	68.0	82.3	81.0	75.3	79.3	72.3
PST-K13-137	KB	11.7	23.0	20.7	23.3	40.7	52.0	68.3	71.0	68.0	73.7	72.3
BARRARI	KB	12.3	16.7	22.0	27.7	45.7	61.3	78.3	80.0	75.0	79.0	78.0
BLUE DEVIL	KB	16.7	27.7	28.7	36.0	54.7	63.7	80.3	80.0	77.7	83.7	83.0
DAUNTLESS	KB	13.0	23.3	24.0	31.0	51.3	65.0	81.0	83.3	78.0	82.7	80.0
PST-K11-118	KB	17.7	28.0	28.3	30.3	53.7	68.0	82.0	82.7	78.3	85.0	81.7
LSD VALUE		11.6	8.9	9.1	9.2	10.1	17.4	18.9	21.0	23.3	19.8	19.9
C.V. (%)		29.8	19.7	18.4	16.5	11.1	12.9	9.8	10.2	12.0	9.5	9.8

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

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

TABLE 19C.

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2018 DATA

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

NAME		GENETIC	QUALITY RATINGS							
		COLOR	6/12	6/22	6/29	7/6	7/10	7/17	7/26	8/1
DLFPS 321/3679	TF	6.0	7.0	6.7	6.7	6.3	7.3	6.7	6.0	6.0
THUNDERSTRUCK	TF	5.7	7.7	6.7	7.3	6.3	7.3	6.7	6.0	5.7
DLFPS 321/3677	TF	6.0	7.3	7.0	6.7	6.3	7.0	6.3	6.0	5.3
MRSI TF15	TF	6.7	8.0	6.7	5.7	6.0	6.7	6.0	6.0	5.7
DLFPS 321/3678	TF	6.3	7.3	7.0	6.3	5.7	5.7	6.7	5.7	5.7
THOR	TF	7.0	6.7	6.7	6.7	6.0	7.3	5.7	6.0	5.7
KINGDOM	TF	6.7	6.7	6.3	6.3	5.3	6.3	5.3	5.7	5.0
RS4	TF	5.7	6.7	7.0	6.3	5.7	6.7	5.7	5.7	5.0
BAR FA 121095	TF	6.3	7.0	6.7	6.7	5.7	6.7	5.7	5.7	5.7
PST-5SDS	TF	6.0	7.0	6.7	6.7	5.7	6.3	5.3	5.7	5.3
STETSON II	TF	6.7	6.7	6.7	6.0	5.7	6.3	5.7	5.7	5.0
GO-AOMK	TF	7.7	7.3	6.7	6.0	5.3	6.3	5.3	5.3	4.7
LTP-SYN-A3	TF	7.0	6.7	6.3	6.3	4.7	6.3	5.3	6.0	4.7
TITANIUM 2LS	TF	6.0	7.0	6.7	6.0	6.0	6.3	5.3	5.7	4.7
PST-R511	TF	5.3	6.7	5.7	6.0	5.7	5.7	5.0	5.3	4.7
SUPERSONIC	TF	6.0	7.3	6.3	6.0	5.3	6.0	5.3	5.3	4.7
BARROBUSTO	TF	5.3	6.7	6.7	6.3	5.7	6.0	4.7	5.7	4.7
NONET	TF	5.7	6.7	6.0	6.0	5.3	5.7	5.3	5.3	4.3
CATALYST	TF	5.3	6.3	6.3	6.3	5.7	5.0	4.7	5.0	3.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.0	6.7	5.0	6.0	4.3	4.7	3.3	3.0	2.7
LSD VALUE		1.9	3.1	2.0	2.0	1.9	1.9	1.9	1.2	1.2
C.V. (%)		13.2	12.9	11.3	10.7	13.1	14.1	16.6	11.6	13.7

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

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

TABLE 19C. PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 60% OF ET
(CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2018 DATA

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

NAME		8/6	8/14	QUALITY RATINGS		9/14	9/24	10/26	MEAN
				8/24	8/31				
DLFPS 321/3679	TF	5.3	5.0	5.3	5.3	4.0	4.3	4.3	5.8
THUNDERSTRUCK	TF	5.3	4.3	5.0	5.0	4.0	4.0	4.7	5.7
DLFPS 321/3677	TF	5.0	4.3	5.3	5.0	4.0	4.0	4.3	5.6
MRSI TF15	TF	5.3	4.3	4.7	5.3	4.0	4.3	5.0	5.6
DLFPS 321/3678	TF	5.0	4.0	4.3	4.3	3.3	4.0	5.3	5.4
THOR	TF	5.3	4.3	4.7	4.7	3.7	3.7	4.0	5.4
KINGDOM	TF	4.7	4.3	5.0	4.7	4.0	4.7	5.0	5.3
RS4	TF	5.0	4.0	4.3	5.0	4.0	4.7	4.3	5.3
BAR FA 121095	TF	4.7	3.7	4.3	4.3	3.3	3.7	3.7	5.2
PST-5SDS	TF	4.7	3.7	4.3	4.3	4.3	4.3	4.3	5.2
STETSON II	TF	5.0	4.0	4.3	4.3	4.0	4.7	4.7	5.2
GO-AOMK	TF	4.7	3.7	4.3	4.7	3.7	3.3	5.0	5.1
LTP-SYN-A3	TF	5.0	4.0	4.0	4.7	3.7	4.0	4.3	5.1
TITANIUM 2LS	TF	4.3	4.0	4.0	4.0	3.3	4.0	5.0	5.1
PST-R511	TF	4.0	3.7	4.7	4.7	4.3	4.3	5.0	5.0
SUPERSONIC	TF	5.0	3.3	4.0	4.3	4.0	4.0	4.7	5.0
BARROBUSTO	TF	4.3	3.3	3.7	4.0	3.0	3.7	5.3	4.9
NONET	TF	4.7	3.3	4.3	4.3	3.3	3.3	4.0	4.8
CATALYST	TF	4.3	3.0	4.0	4.7	3.3	4.0	4.7	4.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		2.3	2.0	2.7	3.3	3.0	3.3	4.3	3.8
LSD VALUE		1.7	1.3	1.2	1.5	1.8	2.4	2.4	0.7
C.V. (%)		17.2	17.3	14.4	14.1	17.5	19.6	17.2	7.8

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

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

TABLE 19C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2018 DATA

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

NAME		6/1	6/8	6/14	6/22	PERCENT GREEN COVER		7/13	7/20	7/26	8/2	8/9	8/16
						6/29	7/7						
DLFPS 321/3679	TF	84.7	79.3	77.0	76.3	68.3	68.0	62.7	54.7	56.0	50.7	40.3	36.7
THUNDERSTRUCK	TF	74.7	81.0	83.3	79.0	70.7	73.0	62.3	57.3	59.0	51.0	44.7	34.0
DLFPS 321/3677	TF	82.3	84.0	81.3	80.0	71.0	70.3	62.3	54.3	55.7	51.3	42.7	39.3
MRS� TF15	TF	84.7	83.0	80.7	78.3	67.3	64.0	53.0	45.3	47.7	44.0	37.0	33.7
DLFPS 321/3678	TF	81.0	83.7	80.7	77.7	68.7	65.7	56.7	47.3	50.7	48.3	41.0	34.7
THOR	TF	83.7	82.3	80.0	75.7	68.7	66.3	54.7	46.7	50.7	46.7	37.7	32.0
KINGDOM	TF	79.0	75.7	73.7	68.3	59.0	54.3	41.3	38.3	42.7	39.3	36.3	32.3
RS4	TF	82.7	83.7	83.7	80.3	72.7	66.0	55.7	48.3	49.7	43.7	36.3	33.7
BAR FA 121095	TF	78.0	78.7	76.0	75.0	65.3	65.3	56.0	45.3	47.3	41.7	32.3	31.7
PST-5SDS	TF	78.7	81.0	80.0	77.3	67.3	60.0	46.7	40.7	42.3	38.7	30.3	25.0
STETSON II	TF	84.3	78.3	73.7	70.7	58.3	59.3	46.0	42.7	46.7	40.3	34.3	27.7
GO-AOMK	TF	77.7	71.3	71.0	64.7	51.3	49.7	31.3	30.7	37.3	37.7	32.3	27.7
LTP-SYN-A3	TF	84.0	83.3	80.7	77.3	68.7	64.0	51.0	45.0	48.3	40.7	36.0	30.0
TITANIUM 2LS	TF	84.0	84.3	82.7	80.0	72.7	68.0	56.7	46.7	52.3	46.3	39.7	32.7
PST-R511	TF	81.0	78.0	75.3	67.3	57.3	50.0	37.0	31.7	36.3	37.3	34.0	28.7
SUPERSONIC	TF	84.7	80.3	76.7	71.7	65.0	55.3	46.0	37.0	42.3	37.0	29.7	25.7
BARROBUSTO	TF	81.7	83.0	80.7	75.0	63.0	57.3	46.7	38.7	42.3	38.3	34.0	26.7
NONET	TF	83.3	77.0	72.0	63.3	51.0	49.7	42.0	36.0	40.7	33.0	33.0	25.7
CATALYST	TF	82.0	81.7	77.7	72.0	61.0	52.3	40.7	32.3	35.3	32.7	29.7	28.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		83.0	80.0	72.3	57.0	38.7	41.0	27.3	18.0	24.3	23.3	21.0	22.7
LSD VALUE		18.5	18.6	17.6	18.2	26.4	29.6	36.6	29.4	26.9	18.0	14.1	16.7
C.V. (%)		6.9	7.5	8.1	11.1	18.0	19.9	29.7	29.9	24.7	20.5	18.7	21.1

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

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

TABLE 19C. PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 60% OF ET
(CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2018 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/												
		PERCENT GREEN COVER										
NAME		8/23	8/30	9/6	9/13	9/21	9/27	10/4	10/11	10/18	10/25	11/1
DLFPS 321/3679	TF	33.3	36.3	35.3	43.0	54.7	60.3	72.3	73.3	68.7	71.0	65.0
THUNDERSTRUCK	TF	31.7	36.0	33.7	40.7	51.7	57.0	68.3	70.0	63.7	65.3	60.0
DLFPS 321/3677	TF	32.3	38.7	37.3	46.0	59.3	65.7	76.3	78.0	72.7	75.7	71.0
MRSI TF15	TF	29.0	35.0	34.0	43.3	58.3	67.0	79.0	80.3	74.7	76.7	68.7
DLFPS 321/3678	TF	30.0	37.3	35.0	42.7	57.0	66.0	80.0	81.7	79.3	81.3	75.3
THOR	TF	27.3	33.0	32.3	37.0	49.3	53.7	67.0	69.7	61.3	65.3	59.7
KINGDOM	TF	30.3	38.0	39.7	48.0	60.0	66.0	76.0	77.0	72.7	73.7	69.7
RS4	TF	30.3	39.7	38.0	48.0	63.3	71.0	81.7	83.0	77.3	79.0	75.0
BAR FA 121095	TF	27.3	32.0	32.7	36.7	48.0	54.7	67.3	66.3	61.3	64.3	58.0
PST-5SDS	TF	22.7	27.3	28.0	37.0	52.3	59.7	74.7	74.7	66.7	71.0	65.3
STETSON II	TF	26.0	34.3	35.7	45.7	59.7	67.3	80.0	82.3	77.7	79.0	73.3
GO-AOMK	TF	27.0	34.7	34.0	42.3	54.7	63.3	75.0	75.0	72.3	74.7	72.0
LTP-SYN-A3	TF	27.0	31.3	29.0	37.3	52.3	62.7	77.7	79.0	76.0	78.3	71.7
TITANIUM 2LS	TF	28.3	37.0	35.0	42.0	57.7	67.7	79.7	81.7	77.0	79.0	76.0
PST-R511	TF	27.3	38.0	40.3	48.7	62.0	72.3	82.7	86.0	80.3	80.3	76.0
SUPERSONIC	TF	22.3	31.7	31.0	39.0	51.7	62.0	74.7	78.0	72.0	74.3	70.0
BARROBUSTO	TF	24.3	30.7	26.7	37.3	54.0	63.0	79.0	81.0	75.7	77.3	70.3
NONET	TF	25.0	31.7	30.7	39.3	49.7	59.0	72.3	73.3	67.0	69.7	66.0
CATALYST	TF	23.7	29.3	27.0	38.7	51.7	59.0	72.7	72.7	67.0	68.7	63.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		25.7	39.3	40.3	49.7	69.7	80.3	87.0	87.0	84.7	88.0	87.7
LSD VALUE		13.7	9.3	11.3	11.8	14.3	21.0	19.2	20.8	25.4	23.8	22.3
C.V. (%)		18.0	12.5	15.3	12.8	11.9	13.6	9.9	10.5	13.4	12.2	13.4

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

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

TABLE 20A.

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2018 DATA

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

NAME		GENETIC COLOR	6/12	6/22	QUALITY RATINGS		7/10	7/17	7/26	8/1
					6/29	7/6				
DLFPS 321/3679	TF	6.3	7.3	7.0	7.3	6.7	8.3	7.0	6.0	6.3
KINGDOM	TF	7.3	8.0	7.3	6.7	6.3	7.3	6.3	6.7	6.3
THUNDERSTRUCK	TF	6.7	7.3	7.0	7.3	6.3	8.3	6.7	6.0	6.3
GO-AOMK	TF	6.0	7.3	8.0	7.0	6.3	7.7	6.7	6.0	6.7
BARROBUSTO	TF	5.3	7.7	6.0	6.3	6.0	7.3	6.0	6.0	6.0
DLFPS 321/3677	TF	5.7	7.3	6.3	7.0	6.0	7.3	6.3	6.0	6.0
DLFPS 321/3678	TF	6.3	6.7	7.0	6.3	6.0	8.0	6.0	6.0	6.0
LTP-SYN-A3	TF	5.7	7.0	7.0	7.0	6.3	7.7	6.0	6.0	5.7
THOR	TF	7.0	7.3	7.0	7.0	6.0	7.3	6.7	6.0	5.7
STETSON II	TF	5.7	7.3	6.3	7.0	6.0	7.3	7.0	6.0	6.3
TITANIUM 2LS	TF	6.7	7.3	6.7	6.7	6.3	7.7	6.3	6.0	5.7
SUPERSONIC	TF	6.7	7.0	6.0	6.7	6.0	6.7	6.3	6.0	6.3
RS4	TF	6.0	7.3	6.0	7.3	6.0	7.7	5.7	5.7	5.7
MRSI TF15	TF	6.0	7.0	6.3	7.0	6.3	7.3	5.7	6.0	6.0
NONET	TF	6.7	6.7	5.7	7.0	6.0	7.0	5.7	6.0	6.0
PST-5SDS	TF	5.7	7.3	6.3	7.0	6.0	7.0	6.3	6.0	5.7
BAR FA 121095	TF	6.3	7.7	6.7	7.0	6.0	7.3	6.0	6.0	5.3
CATALYST	TF	6.0	7.3	6.0	6.7	6.0	6.7	4.7	6.0	5.0
PST-R511	TF	5.7	7.3	6.0	6.7	6.3	6.7	6.0	6.0	5.7
EVEREST	KB	8.0	8.0	6.3	5.7	5.0	5.0	3.7	5.0	4.3
MIDNIGHT	KB	7.0	8.0	7.7	6.0	4.7	5.7	4.3	4.3	4.0
NAI-13-132	KB	8.3	8.3	6.3	6.0	4.7	4.7	3.7	4.3	4.0
NAI-13-14	KB	7.3	8.0	6.3	6.3	4.7	5.0	4.0	4.7	4.0
BLUE NOTE	KB	4.7	5.7	5.0	6.0	5.0	5.0	4.7	5.0	4.3
PST-K13-143	KB	5.0	6.7	4.0	5.7	4.3	4.7	4.0	4.7	4.0
BLUE DEVIL	KB	7.7	7.3	6.0	5.7	4.3	4.7	3.7	4.3	3.7
PST-K11-118	KB	4.7	6.0	5.0	6.0	5.0	4.7	4.0	5.0	4.0
PST-K13-141	KB	5.0	6.3	4.7	5.7	4.0	4.0	3.7	5.0	4.3
PST-K15-169	KB	6.3	6.3	5.0	5.3	4.3	4.0	3.7	4.3	4.7
BAR PP 110358	KB	5.0	6.3	4.7	6.0	5.0	4.3	3.3	5.3	4.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.3	7.0	5.0	6.0	5.0	5.3	4.0	4.3	2.7
PST-K13-137	KB	5.3	6.3	4.3	5.7	4.3	4.7	4.0	4.7	4.0
BARRARI	KB	4.0	5.0	3.3	6.0	5.0	4.0	3.0	4.3	3.3
BABE	KB	4.0	5.0	3.0	5.0	4.3	3.7	3.0	4.3	3.7
DAUNTLESS	KB	4.7	5.0	4.0	5.0	4.3	3.7	3.0	4.7	3.7
LSD VALUE		1.4	1.2	1.0	0.7	0.5	1.1	0.9	0.6	0.9
C.V. (%)		14.3	10.1	11.1	7.4	5.9	12.1	11.7	7.0	12.4

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

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

TABLE 20A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2018 DATA

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

NAME		QUALITY RATINGS							MEAN
		8/6	8/14	8/24	8/31	9/14	9/24	10/26	
DLFPS 321/3679	TF	6.0	5.7	6.0	6.3	6.0	5.3	5.3	6.4
KINGDOM	TF	5.7	5.7	6.0	6.3	6.7	5.3	4.7	6.4
THUNDERSTRUCK	TF	6.3	5.3	6.3	6.0	6.7	5.7	4.7	6.4
GO-AOMK	TF	5.7	5.7	6.0	6.0	5.7	5.0	4.3	6.3
BARROBUSTO	TF	5.7	5.7	6.0	7.0	6.7	6.0	5.0	6.2
DLFPS 321/3677	TF	5.7	5.3	6.0	6.3	6.0	5.7	5.0	6.2
DLFPS 321/3678	TF	6.3	6.0	5.7	6.7	6.0	5.3	5.0	6.2
LTP-SYN-A3	TF	5.3	5.3	5.7	6.3	6.0	6.0	5.7	6.2
THOR	TF	6.0	5.7	6.0	6.3	6.3	5.7	4.7	6.2
STETSON II	TF	5.7	5.0	5.3	6.3	6.0	5.7	4.7	6.1
TITANIUM 2LS	TF	4.7	5.3	5.7	6.3	6.3	5.3	5.0	6.1
SUPERSONIC	TF	5.3	5.3	5.7	6.3	6.3	5.3	5.3	6.0
RS4	TF	5.7	4.7	5.3	5.7	6.0	5.0	4.7	5.9
MRSL TF15	TF	5.3	4.7	5.0	5.3	5.3	5.0	5.3	5.8
NONET	TF	5.0	5.3	5.7	6.3	5.0	4.7	4.3	5.8
PST-5SDS	TF	5.7	5.3	5.0	5.7	5.0	5.0	3.7	5.8
BAR FA 121095	TF	5.3	4.7	5.0	5.0	4.3	4.3	4.3	5.7
CATALYST	TF	5.0	4.7	5.3	6.0	5.7	5.7	5.3	5.7
PST-R511	TF	5.3	4.7	5.0	5.3	5.3	5.0	4.7	5.7
EVEREST	KB	3.7	4.0	4.3	5.0	4.7	4.3	5.7	5.0
MIDNIGHT	KB	3.3	4.0	4.0	5.0	5.0	3.7	5.0	5.0
NAI-13-132	KB	3.7	4.0	4.0	5.0	5.0	4.3	5.7	4.9
NAI-13-14	KB	3.7	4.0	4.0	4.7	4.0	4.0	5.0	4.8
BLUE NOTE	KB	3.3	4.0	3.7	4.7	4.0	4.7	5.3	4.7
PST-K13-143	KB	4.0	4.0	4.0	5.0	5.3	5.0	5.3	4.7
BLUE DEVIL	KB	3.0	3.7	4.0	4.7	4.0	4.0	5.3	4.6
PST-K11-118	KB	3.7	3.7	3.3	4.0	4.7	4.3	6.0	4.6
PST-K13-141	KB	3.7	3.7	4.3	4.7	4.3	5.3	5.0	4.6
PST-K15-169	KB	3.3	3.7	3.7	5.0	4.3	4.0	5.3	4.5
BAR PP 110358	KB	3.7	3.3	3.0	3.3	3.7	4.7	5.3	4.4
SR 4650 (P.RYEGRASS STANDARD ENTRY)		3.0	3.0	4.0	4.0	4.0	3.7	4.7	4.4
PST-K13-137	KB	2.7	3.7	3.7	4.0	4.3	4.0	4.3	4.3
BARRARI	KB	3.0	3.7	3.7	4.0	4.3	4.7	5.0	4.2
BABE	KB	3.3	3.7	3.7	4.7	4.7	4.7	5.3	4.1
DAUNTLESS	KB	2.7	3.3	3.7	4.0	4.0	4.3	5.3	4.0
LSD VALUE		0.8	1.1	1.1	1.3	1.6	1.4	2.4	0.5
C.V. (%)		12.3	15.1	14.7	14.7	17.2	15.2	15.4	6.5

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

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

TABLE 20A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2018 DATA

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

		PERCENT GREEN COVER											
NAME		6/1	6/8	6/14	6/22	6/29	7/7	7/13	7/20	7/26	8/2	8/9	8/16
DLFPS 321/3679	TF	83.0	83.3	79.3	78.0	73.3	78.7	76.0	71.7	71.0	67.0	61.3	63.0
KINGDOM	TF	82.7	84.3	82.0	78.3	71.0	74.7	72.0	67.3	67.0	66.0	63.0	65.3
THUNDERSTRUCK	TF	82.3	83.0	81.7	82.3	75.3	78.0	73.0	69.0	68.7	66.3	59.0	61.0
GO-AOMK	TF	75.0	76.7	77.7	74.7	68.0	72.7	68.0	61.7	62.3	60.7	53.0	54.3
BARROBUSTO	TF	83.3	84.3	80.7	79.0	72.0	69.0	64.3	59.3	58.7	59.3	53.0	57.0
DLFPS 321/3677	TF	82.7	79.7	78.3	77.3	72.3	71.7	67.3	59.3	59.0	57.3	49.7	54.0
DLFPS 321/3678	TF	81.7	75.3	75.7	75.7	66.7	70.7	67.0	62.0	63.3	62.3	56.7	58.7
LTP-SYN-A3	TF	82.7	84.0	83.7	81.0	74.7	72.0	66.0	60.0	61.7	59.7	53.3	56.0
THOR	TF	83.3	82.7	83.0	81.3	75.3	76.0	71.3	64.0	64.3	61.7	57.0	60.3
STETSON II	TF	78.0	78.7	80.7	81.0	73.7	76.7	73.7	68.0	69.3	65.7	59.3	63.0
TITANIUM 2LS	TF	85.7	84.3	83.0	80.7	71.7	68.3	63.0	57.0	58.7	56.3	49.7	50.0
SUPERSONIC	TF	83.3	83.7	78.7	78.7	72.0	72.3	67.3	63.0	63.7	61.0	53.7	56.3
RS4	TF	85.7	85.0	82.0	80.7	75.3	72.0	66.3	59.0	60.3	56.3	49.3	49.7
MRSI TF15	TF	82.0	78.7	77.3	75.7	70.3	71.0	66.7	59.3	60.0	57.3	49.7	54.7
NONET	TF	78.0	78.7	77.0	74.3	69.3	68.0	62.3	56.3	57.7	55.7	50.3	53.7
PST-5SDS	TF	81.7	82.3	82.0	82.0	75.3	75.7	72.7	68.7	68.3	64.3	59.3	62.0
BAR FA 121095	TF	82.7	80.7	79.0	76.0	71.3	69.3	63.3	53.0	54.0	51.3	44.7	48.0
CATALYST	TF	86.3	82.7	80.3	79.0	70.0	66.7	58.7	52.7	53.3	49.7	46.3	49.7
PST-R511	TF	82.7	84.0	83.7	81.3	76.0	71.3	61.7	52.3	52.3	51.3	44.0	48.7
EVEREST	KB	92.3	86.7	83.3	80.7	64.0	43.7	31.0	29.0	33.0	35.7	33.3	36.7
MIDNIGHT	KB	89.3	89.0	86.3	77.3	64.0	47.0	29.7	26.7	32.7	33.0	30.3	34.7
NAI-13-132	KB	92.3	87.3	84.3	76.3	61.7	44.0	30.0	26.7	29.0	32.0	31.3	37.7
NAI-13-14	KB	90.0	84.3	80.3	74.3	61.3	42.3	31.0	28.3	33.7	34.3	32.3	33.7
BLUE NOTE	KB	89.7	88.0	83.3	76.0	62.0	37.3	29.0	26.3	29.7	29.0	27.0	31.7
PST-K13-143	KB	85.3	81.0	72.7	60.3	42.3	20.7	13.7	14.3	18.3	23.3	24.0	30.7
BLUE DEVIL	KB	92.7	88.0	83.3	76.0	56.3	36.0	22.0	21.7	26.3	28.7	27.3	33.3
PST-K11-118	KB	91.7	90.0	84.7	72.0	57.7	29.3	19.7	20.0	24.3	27.3	26.7	33.3
PST-K13-141	KB	87.7	83.3	78.0	71.7	53.7	33.3	22.0	23.3	32.0	36.3	33.7	43.7
PST-K15-169	KB	83.3	77.0	71.7	60.3	39.3	27.0	19.3	18.7	25.7	29.0	30.0	38.7
BAR PP 110358	KB	93.3	91.7	87.0	80.0	67.7	33.0	20.3	20.3	24.7	30.7	26.3	36.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		89.3	84.3	76.7	66.3	48.7	47.3	35.7	29.0	32.7	34.3	34.0	50.0
PST-K13-137	KB	80.0	75.0	68.3	60.3	43.7	31.0	22.0	19.7	25.3	28.3	23.7	31.0
BARRARI	KB	92.3	87.0	77.3	65.3	42.7	14.7	13.7	11.0	16.3	17.7	20.0	26.7
BABE	KB	85.3	73.7	69.3	54.7	38.3	16.7	14.7	16.0	23.0	27.0	29.7	38.3
DAUNTLESS	KB	86.7	78.7	71.0	58.7	37.7	18.0	12.3	13.7	20.7	23.7	23.0	28.3
LSD VALUE		7.6	8.7	8.5	7.1	9.4	8.1	7.6	7.7	8.5	8.6	8.7	10.8
C.V. (%)		5.1	5.6	5.9	6.2	9.8	10.3	11.1	12.2	12.8	12.8	14.0	15.1

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 20A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2018 DATA

		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/										
		PERCENT GREEN COVER										
NAME		8/23	8/30	9/6	9/13	9/21	9/27	10/4	10/11	10/18	10/25	11/1
DLFPS 321/3679	TF	57.0	61.3	62.3	70.7	79.3	84.0	88.0	88.7	83.0	79.7	71.3
KINGDOM	TF	60.0	64.7	66.7	74.0	80.7	84.3	87.0	86.3	78.7	76.7	67.3
THUNDERSTRUCK	TF	54.7	58.0	59.3	68.0	75.0	79.0	83.7	84.3	76.7	73.0	64.3
GO-AOMK	TF	47.3	53.0	54.7	62.0	70.0	73.7	78.7	79.0	71.7	67.0	62.7
BARROBUSTO	TF	52.0	58.7	61.0	69.7	79.3	82.0	88.0	87.0	77.7	74.0	66.7
DLFPS 321/3677	TF	47.7	55.0	58.0	67.3	77.7	83.0	88.7	88.3	84.0	83.7	78.7
DLFPS 321/3678	TF	51.0	57.7	60.0	67.3	74.3	78.0	84.0	84.3	78.3	74.3	67.7
LTP-SYN-A3	TF	51.0	57.0	59.3	68.0	79.7	86.0	90.3	91.0	86.7	85.3	79.0
THOR	TF	56.3	58.3	62.0	70.7	77.3	81.0	86.0	84.3	80.0	78.0	73.3
STETSON II	TF	56.3	60.0	60.3	68.7	76.3	79.0	83.7	83.7	75.3	72.3	64.0
TITANIUM 2LS	TF	43.7	49.0	52.7	61.0	72.7	79.0	85.3	86.3	81.3	82.0	76.0
SUPERSONIC	TF	51.0	57.3	58.7	67.7	76.7	81.7	87.0	87.0	79.7	78.7	69.3
RS4	TF	44.0	51.3	52.7	62.0	72.3	76.3	84.7	86.0	78.7	77.7	71.0
MRSI TF15	TF	48.0	53.7	57.0	65.7	78.0	85.0	90.0	90.3	85.0	83.3	77.7
NONET	TF	50.3	53.0	53.7	61.0	69.3	74.0	79.3	79.3	72.0	70.7	65.0
PST-5SDS	TF	55.7	60.3	60.0	69.0	77.0	78.3	83.3	83.3	73.3	68.0	57.0
BAR FA 121095	TF	40.7	46.3	47.3	57.7	66.3	71.7	79.3	79.0	71.7	69.7	63.3
CATALYST	TF	44.7	52.3	55.0	66.0	79.0	85.0	90.7	91.0	84.3	82.7	77.0
PST-R511	TF	44.7	48.7	52.0	61.0	73.0	77.7	85.0	85.0	78.3	76.3	69.7
EVEREST	KB	35.3	42.7	44.0	51.7	68.0	73.7	84.3	85.7	79.7	84.7	83.0
MIDNIGHT	KB	35.3	39.3	42.3	49.3	67.0	73.0	83.7	83.3	79.0	82.7	81.3
NAI-13-132	KB	38.7	43.3	46.3	54.7	68.0	74.3	86.0	86.3	81.7	86.7	85.7
NAI-13-14	KB	36.7	39.3	41.3	46.7	60.0	65.3	75.3	77.0	70.3	74.3	74.7
BLUE NOTE	KB	28.0	36.0	36.0	39.3	63.7	72.7	85.3	86.0	78.7	79.3	78.3
PST-K13-143	KB	29.0	34.3	35.3	39.7	65.3	75.0	86.0	86.3	75.7	72.7	63.7
BLUE DEVIL	KB	35.3	39.0	41.0	48.7	62.3	67.7	79.3	79.0	73.0	78.7	77.3
PST-K11-118	KB	30.0	34.0	34.7	40.3	61.3	71.3	84.3	87.0	80.7	86.7	85.0
PST-K13-141	KB	43.0	48.7	46.3	52.0	72.7	78.7	89.0	88.3	80.7	83.3	78.3
PST-K15-169	KB	39.0	41.3	41.7	48.7	65.7	73.3	83.7	83.3	77.3	78.0	74.7
BAR PP 110358	KB	31.3	36.3	37.0	39.0	60.3	70.3	82.3	82.0	72.3	74.7	72.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		51.0	62.3	63.3	72.3	82.7	87.7	91.3	90.7	87.0	89.3	88.3
PST-K13-137	KB	29.3	33.3	37.3	42.0	55.7	66.0	77.0	76.3	72.7	77.3	74.7
BARRARI	KB	25.0	28.3	28.7	33.3	55.0	70.0	84.3	86.7	80.3	83.7	81.7
BABE	KB	38.3	46.7	44.7	51.0	68.0	75.0	85.3	84.0	75.3	78.3	75.0
DAUNTLESS	KB	29.0	32.3	35.7	41.7	65.3	71.7	82.3	82.3	72.3	76.3	72.0
LSD VALUE		12.2	12.7	14.8	13.5	11.9	13.6	12.3	14.6	20.6	12.7	12.5
C.V. (%)		17.5	16.3	17.7	14.8	9.7	8.8	6.1	6.5	9.0	8.2	9.7

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

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

TABLE 20B.

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2018 DATA

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

		GENETIC	QUALITY RATINGS							
NAME		COLOR	6/12	6/22	6/29	7/6	7/10	7/17	7/26	8/1
EVEREST	KB	8.0	8.0	6.3	5.7	5.0	5.0	3.7	5.0	4.3
MIDNIGHT	KB	7.0	8.0	7.7	6.0	4.7	5.7	4.3	4.3	4.0
NAI-13-132	KB	8.3	8.3	6.3	6.0	4.7	4.7	3.7	4.3	4.0
NAI-13-14	KB	7.3	8.0	6.3	6.3	4.7	5.0	4.0	4.7	4.0
BLUE NOTE	KB	4.7	5.7	5.0	6.0	5.0	5.0	4.7	5.0	4.3
PST-K13-143	KB	5.0	6.7	4.0	5.7	4.3	4.7	4.0	4.7	4.0
BLUE DEVIL	KB	7.7	7.3	6.0	5.7	4.3	4.7	3.7	4.3	3.7
PST-K11-118	KB	4.7	6.0	5.0	6.0	5.0	4.7	4.0	5.0	4.0
PST-K13-141	KB	5.0	6.3	4.7	5.7	4.0	4.0	3.7	5.0	4.3
PST-K15-169	KB	6.3	6.3	5.0	5.3	4.3	4.0	3.7	4.3	4.7
BAR PP 110358	KB	5.0	6.3	4.7	6.0	5.0	4.3	3.3	5.3	4.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.3	7.0	5.0	6.0	5.0	5.3	4.0	4.3	2.7
PST-K13-137	KB	5.3	6.3	4.3	5.7	4.3	4.7	4.0	4.7	4.0
BARRARI	KB	4.0	5.0	3.3	6.0	5.0	4.0	3.0	4.3	3.3
BABE	KB	4.0	5.0	3.0	5.0	4.3	3.7	3.0	4.3	3.7
DAUNTLESS	KB	4.7	5.0	4.0	5.0	4.3	3.7	3.0	4.7	3.7
LSD VALUE		1.5	1.2	1.3	0.8	0.7	1.8	1.1	1.0	1.3
C.V. (%)		15.8	11.5	16.1	7.2	7.5	16.9	14.5	9.5	14.6

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 20B. PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 80% OF ET
(CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2018 DATA

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

		QUALITY RATINGS							MEAN
NAME		8/6	8/14	8/24	8/31	9/14	9/24	10/26	
EVEREST	KB	3.7	4.0	4.3	5.0	4.7	4.3	5.7	5.0
MIDNIGHT	KB	3.3	4.0	4.0	5.0	5.0	3.7	5.0	5.0
NAI-13-132	KB	3.7	4.0	4.0	5.0	5.0	4.3	5.7	4.9
NAI-13-14	KB	3.7	4.0	4.0	4.7	4.0	4.0	5.0	4.8
BLUE NOTE	KB	3.3	4.0	3.7	4.7	4.0	4.7	5.3	4.7
PST-K13-143	KB	4.0	4.0	4.0	5.0	5.3	5.0	5.3	4.7
BLUE DEVIL	KB	3.0	3.7	4.0	4.7	4.0	4.0	5.3	4.6
PST-K11-118	KB	3.7	3.7	3.3	4.0	4.7	4.3	6.0	4.6
PST-K13-141	KB	3.7	3.7	4.3	4.7	4.3	5.3	5.0	4.6
PST-K15-169	KB	3.3	3.7	3.7	5.0	4.3	4.0	5.3	4.5
BAR PP 110358	KB	3.7	3.3	3.0	3.3	3.7	4.7	5.3	4.4
SR 4650 (P.RYEGRASS STANDARD ENTRY)		3.0	3.0	4.0	4.0	4.0	3.7	4.7	4.4
PST-K13-137	KB	2.7	3.7	3.7	4.0	4.3	4.0	4.3	4.3
BARRARI	KB	3.0	3.7	3.7	4.0	4.3	4.7	5.0	4.2
BABE	KB	3.3	3.7	3.7	4.7	4.7	4.7	5.3	4.1
DAUNTLESS	KB	2.7	3.3	3.7	4.0	4.0	4.3	5.3	4.0
LSD VALUE		1.1	1.7	0.9	1.4	1.9	1.9	1.9	0.6
C.V. (%)		14.9	15.4	11.2	14.1	16.3	16.3	13.1	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 20B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2018 DATA

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

		PERCENT GREEN COVER											
NAME		6/1	6/8	6/14	6/22	6/29	7/7	7/13	7/20	7/26	8/2	8/9	8/16
EVEREST	KB	92.3	86.7	83.3	80.7	64.0	43.7	31.0	29.0	33.0	35.7	33.3	36.7
MIDNIGHT	KB	89.3	89.0	86.3	77.3	64.0	47.0	29.7	26.7	32.7	33.0	30.3	34.7
NAI-13-132	KB	92.3	87.3	84.3	76.3	61.7	44.0	30.0	26.7	29.0	32.0	31.3	37.7
NAI-13-14	KB	90.0	84.3	80.3	74.3	61.3	42.3	31.0	28.3	33.7	34.3	32.3	33.7
BLUE NOTE	KB	89.7	88.0	83.3	76.0	62.0	37.3	29.0	26.3	29.7	29.0	27.0	31.7
PST-K13-143	KB	85.3	81.0	72.7	60.3	42.3	20.7	13.7	14.3	18.3	23.3	24.0	30.7
BLUE DEVIL	KB	92.7	88.0	83.3	76.0	56.3	36.0	22.0	21.7	26.3	28.7	27.3	33.3
PST-K11-118	KB	91.7	90.0	84.7	72.0	57.7	29.3	19.7	20.0	24.3	27.3	26.7	33.3
PST-K13-141	KB	87.7	83.3	78.0	71.7	53.7	33.3	22.0	23.3	32.0	36.3	33.7	43.7
PST-K15-169	KB	83.3	77.0	71.7	60.3	39.3	27.0	19.3	18.7	25.7	29.0	30.0	38.7
BAR PP 110358	KB	93.3	91.7	87.0	80.0	67.7	33.0	20.3	20.3	24.7	30.7	26.3	36.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		89.3	84.3	76.7	66.3	48.7	47.3	35.7	29.0	32.7	34.3	34.0	50.0
PST-K13-137	KB	80.0	75.0	68.3	60.3	43.7	31.0	22.0	19.7	25.3	28.3	23.7	31.0
BARRARI	KB	92.3	87.0	77.3	65.3	42.7	14.7	13.7	11.0	16.3	17.7	20.0	26.7
BABE	KB	85.3	73.7	69.3	54.7	38.3	16.7	14.7	16.0	23.0	27.0	29.7	38.3
DAUNTLESS	KB	86.7	78.7	71.0	58.7	37.7	18.0	12.3	13.7	20.7	23.7	23.0	28.3
LSD VALUE		7.0	7.3	8.6	9.3	11.2	9.7	8.5	9.7	14.0	15.9	17.1	18.2
C.V. (%)		4.2	5.1	6.4	8.2	13.1	18.9	22.5	24.8	24.4	23.0	23.0	22.0

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

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

TABLE 20B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2018 DATA

		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/										
		PERCENT GREEN COVER										
NAME		8/23	8/30	9/6	9/13	9/21	9/27	10/4	10/11	10/18	10/25	11/1
EVEREST	KB	35.3	42.7	44.0	51.7	68.0	73.7	84.3	85.7	79.7	84.7	83.0
MIDNIGHT	KB	35.3	39.3	42.3	49.3	67.0	73.0	83.7	83.3	79.0	82.7	81.3
NAI-13-132	KB	38.7	43.3	46.3	54.7	68.0	74.3	86.0	86.3	81.7	86.7	85.7
NAI-13-14	KB	36.7	39.3	41.3	46.7	60.0	65.3	75.3	77.0	70.3	74.3	74.7
BLUE NOTE	KB	28.0	36.0	36.0	39.3	63.7	72.7	85.3	86.0	78.7	79.3	78.3
PST-K13-143	KB	29.0	34.3	35.3	39.7	65.3	75.0	86.0	86.3	75.7	72.7	63.7
BLUE DEVIL	KB	35.3	39.0	41.0	48.7	62.3	67.7	79.3	79.0	73.0	78.7	77.3
PST-K11-118	KB	30.0	34.0	34.7	40.3	61.3	71.3	84.3	87.0	80.7	86.7	85.0
PST-K13-141	KB	43.0	48.7	46.3	52.0	72.7	78.7	89.0	88.3	80.7	83.3	78.3
PST-K15-169	KB	39.0	41.3	41.7	48.7	65.7	73.3	83.7	83.3	77.3	78.0	74.7
BAR PP 110358	KB	31.3	36.3	37.0	39.0	60.3	70.3	82.3	82.0	72.3	74.7	72.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		51.0	62.3	63.3	72.3	82.7	87.7	91.3	90.7	87.0	89.3	88.3
PST-K13-137	KB	29.3	33.3	37.3	42.0	55.7	66.0	77.0	76.3	72.7	77.3	74.7
BARRARI	KB	25.0	28.3	28.7	33.3	55.0	70.0	84.3	86.7	80.3	83.7	81.7
BABE	KB	38.3	46.7	44.7	51.0	68.0	75.0	85.3	84.0	75.3	78.3	75.0
DAUNTLESS	KB	29.0	32.3	35.7	41.7	65.3	71.7	82.3	82.3	72.3	76.3	72.0
LSD VALUE		16.5	14.7	17.6	15.4	11.9	17.2	14.3	15.6	18.4	11.8	11.9
C.V. (%)		22.5	19.8	21.1	18.1	9.9	9.9	6.9	7.2	9.0	7.1	8.1

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

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

TABLE 20C.

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2018 DATA

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

NAME		GENETIC	QUALITY RATINGS							
		COLOR	6/12	6/22	6/29	7/6	7/10	7/17	7/26	8/1
DLFPS 321/3679	TF	6.3	7.3	7.0	7.3	6.7	8.3	7.0	6.0	6.3
KINGDOM	TF	7.3	8.0	7.3	6.7	6.3	7.3	6.3	6.7	6.3
THUNDERSTRUCK	TF	6.7	7.3	7.0	7.3	6.3	8.3	6.7	6.0	6.3
GO-AOMK	TF	6.0	7.3	8.0	7.0	6.3	7.7	6.7	6.0	6.7
BARROBUSTO	TF	5.3	7.7	6.0	6.3	6.0	7.3	6.0	6.0	6.0
DLFPS 321/3677	TF	5.7	7.3	6.3	7.0	6.0	7.3	6.3	6.0	6.0
DLFPS 321/3678	TF	6.3	6.7	7.0	6.3	6.0	8.0	6.0	6.0	6.0
LTP-SYN-A3	TF	5.7	7.0	7.0	7.0	6.3	7.7	6.0	6.0	5.7
THOR	TF	7.0	7.3	7.0	7.0	6.0	7.3	6.7	6.0	5.7
STETSON II	TF	5.7	7.3	6.3	7.0	6.0	7.3	7.0	6.0	6.3
TITANIUM 2LS	TF	6.7	7.3	6.7	6.7	6.3	7.7	6.3	6.0	5.7
SUPERSONIC	TF	6.7	7.0	6.0	6.7	6.0	6.7	6.3	6.0	6.3
RS4	TF	6.0	7.3	6.0	7.3	6.0	7.7	5.7	5.7	5.7
MRS� TF15	TF	6.0	7.0	6.3	7.0	6.3	7.3	5.7	6.0	6.0
NONET	TF	6.7	6.7	5.7	7.0	6.0	7.0	5.7	6.0	6.0
PST-5SDS	TF	5.7	7.3	6.3	7.0	6.0	7.0	6.3	6.0	5.7
BAR FA 121095	TF	6.3	7.7	6.7	7.0	6.0	7.3	6.0	6.0	5.3
CATALYST	TF	6.0	7.3	6.0	6.7	6.0	6.7	4.7	6.0	5.0
PST-R511	TF	5.7	7.3	6.0	6.7	6.3	6.7	6.0	6.0	5.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.3	7.0	5.0	6.0	5.0	5.3	4.0	4.3	2.7
LSD VALUE		2.7	2.2	0.8	0.9	0.5	1.1	1.0	0.4	1.1
C.V. (%)		14.5	8.9	7.4	6.2	4.9	8.4	9.8	3.8	11.6

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

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

TABLE 20C. PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 80% OF ET
(CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2018 DATA

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

NAME		8/6	8/14	QUALITY RATINGS		9/14	9/24	10/26	MEAN
				8/24	8/31				
DLFPS 321/3679	TF	6.0	5.7	6.0	6.3	6.0	5.3	5.3	6.4
KINGDOM	TF	5.7	5.7	6.0	6.3	6.7	5.3	4.7	6.4
THUNDERSTRUCK	TF	6.3	5.3	6.3	6.0	6.7	5.7	4.7	6.4
GO-AOMK	TF	5.7	5.7	6.0	6.0	5.7	5.0	4.3	6.3
BARROBUSTO	TF	5.7	5.7	6.0	7.0	6.7	6.0	5.0	6.2
DLFPS 321/3677	TF	5.7	5.3	6.0	6.3	6.0	5.7	5.0	6.2
DLFPS 321/3678	TF	6.3	6.0	5.7	6.7	6.0	5.3	5.0	6.2
LTP-SYN-A3	TF	5.3	5.3	5.7	6.3	6.0	6.0	5.7	6.2
THOR	TF	6.0	5.7	6.0	6.3	6.3	5.7	4.7	6.2
STETSON II	TF	5.7	5.0	5.3	6.3	6.0	5.7	4.7	6.1
TITANIUM 2LS	TF	4.7	5.3	5.7	6.3	6.3	5.3	5.0	6.1
SUPERSONIC	TF	5.3	5.3	5.7	6.3	6.3	5.3	5.3	6.0
RS4	TF	5.7	4.7	5.3	5.7	6.0	5.0	4.7	5.9
MRSI TF15	TF	5.3	4.7	5.0	5.3	5.3	5.0	5.3	5.8
NONET	TF	5.0	5.3	5.7	6.3	5.0	4.7	4.3	5.8
PST-5SDS	TF	5.7	5.3	5.0	5.7	5.0	5.0	3.7	5.8
BAR FA 121095	TF	5.3	4.7	5.0	5.0	4.3	4.3	4.3	5.7
CATALYST	TF	5.0	4.7	5.3	6.0	5.7	5.7	5.3	5.7
PST-R511	TF	5.3	4.7	5.0	5.3	5.3	5.0	4.7	5.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		3.0	3.0	4.0	4.0	4.0	3.7	4.7	4.4
LSD VALUE		0.9	1.3	2.3	2.0	2.3	1.9	2.3	0.7
C.V. (%)		10.2	13.0	15.3	14.5	17.2	14.9	16.4	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 20C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2018 DATA

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

		PERCENT GREEN COVER											
NAME		6/1	6/8	6/14	6/22	6/29	7/7	7/13	7/20	7/26	8/2	8/9	8/16
DLFPS 321/3679	TF	83.0	83.3	79.3	78.0	73.3	78.7	76.0	71.7	71.0	67.0	61.3	63.0
KINGDOM	TF	82.7	84.3	82.0	78.3	71.0	74.7	72.0	67.3	67.0	66.0	63.0	65.3
THUNDERSTRUCK	TF	82.3	83.0	81.7	82.3	75.3	78.0	73.0	69.0	68.7	66.3	59.0	61.0
GO-AOMK	TF	75.0	76.7	77.7	74.7	68.0	72.7	68.0	61.7	62.3	60.7	53.0	54.3
BARROBUSTO	TF	83.3	84.3	80.7	79.0	72.0	69.0	64.3	59.3	58.7	59.3	53.0	57.0
DLFPS 321/3677	TF	82.7	79.7	78.3	77.3	72.3	71.7	67.3	59.3	59.0	57.3	49.7	54.0
DLFPS 321/3678	TF	81.7	75.3	75.7	75.7	66.7	70.7	67.0	62.0	63.3	62.3	56.7	58.7
LTP-SYN-A3	TF	82.7	84.0	83.7	81.0	74.7	72.0	66.0	60.0	61.7	59.7	53.3	56.0
THOR	TF	83.3	82.7	83.0	81.3	75.3	76.0	71.3	64.0	64.3	61.7	57.0	60.3
STETSON II	TF	78.0	78.7	80.7	81.0	73.7	76.7	73.7	68.0	69.3	65.7	59.3	63.0
TITANIUM 2LS	TF	85.7	84.3	83.0	80.7	71.7	68.3	63.0	57.0	58.7	56.3	49.7	50.0
SUPERSONIC	TF	83.3	83.7	78.7	78.7	72.0	72.3	67.3	63.0	63.7	61.0	53.7	56.3
RS4	TF	85.7	85.0	82.0	80.7	75.3	72.0	66.3	59.0	60.3	56.3	49.3	49.7
MRSŁ TF15	TF	82.0	78.7	77.3	75.7	70.3	71.0	66.7	59.3	60.0	57.3	49.7	54.7
NONET	TF	78.0	78.7	77.0	74.3	69.3	68.0	62.3	56.3	57.7	55.7	50.3	53.7
PST-5SDS	TF	81.7	82.3	82.0	82.0	75.3	75.7	72.7	68.7	68.3	64.3	59.3	62.0
BAR FA 121095	TF	82.7	80.7	79.0	76.0	71.3	69.3	63.3	53.0	54.0	51.3	44.7	48.0
CATALYST	TF	86.3	82.7	80.3	79.0	70.0	66.7	58.7	52.7	53.3	49.7	46.3	49.7
PST-R511	TF	82.7	84.0	83.7	81.3	76.0	71.3	61.7	52.3	52.3	51.3	44.0	48.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		89.3	84.3	76.7	66.3	48.7	47.3	35.7	29.0	32.7	34.3	34.0	50.0
LSD VALUE		13.4	14.0	10.0	5.4	7.8	8.2	8.4	8.2	8.3	7.9	8.5	12.1
C.V. (%)		5.9	5.9	4.7	4.1	6.6	7.0	7.9	8.8	8.7	8.5	9.8	10.8

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

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

TABLE 20C. PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS IN 80% OF ET
(CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2018 DATA

TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/												
NAME		PERCENT GREEN COVER										
		8/23	8/30	9/6	9/13	9/21	9/27	10/4	10/11	10/18	10/25	11/1
DLFPS 321/3679	TF	57.0	61.3	62.3	70.7	79.3	84.0	88.0	88.7	83.0	79.7	71.3
KINGDOM	TF	60.0	64.7	66.7	74.0	80.7	84.3	87.0	86.3	78.7	76.7	67.3
THUNDERSTRUCK	TF	54.7	58.0	59.3	68.0	75.0	79.0	83.7	84.3	76.7	73.0	64.3
GO-AOMK	TF	47.3	53.0	54.7	62.0	70.0	73.7	78.7	79.0	71.7	67.0	62.7
BARROBUSTO	TF	52.0	58.7	61.0	69.7	79.3	82.0	88.0	87.0	77.7	74.0	66.7
DLFPS 321/3677	TF	47.7	55.0	58.0	67.3	77.7	83.0	88.7	88.3	84.0	83.7	78.7
DLFPS 321/3678	TF	51.0	57.7	60.0	67.3	74.3	78.0	84.0	84.3	78.3	74.3	67.7
LTP-SYN-A3	TF	51.0	57.0	59.3	68.0	79.7	86.0	90.3	91.0	86.7	85.3	79.0
THOR	TF	56.3	58.3	62.0	70.7	77.3	81.0	86.0	84.3	80.0	78.0	73.3
STETSON II	TF	56.3	60.0	60.3	68.7	76.3	79.0	83.7	83.7	75.3	72.3	64.0
TITANIUM 2LS	TF	43.7	49.0	52.7	61.0	72.7	79.0	85.3	86.3	81.3	82.0	76.0
SUPERSONIC	TF	51.0	57.3	58.7	67.7	76.7	81.7	87.0	87.0	79.7	78.7	69.3
RS4	TF	44.0	51.3	52.7	62.0	72.3	76.3	84.7	86.0	78.7	77.7	71.0
MRS� TF15	TF	48.0	53.7	57.0	65.7	78.0	85.0	90.0	90.3	85.0	83.3	77.7
NONET	TF	50.3	53.0	53.7	61.0	69.3	74.0	79.3	79.3	72.0	70.7	65.0
PST-5SDS	TF	55.7	60.3	60.0	69.0	77.0	78.3	83.3	83.3	73.3	68.0	57.0
BAR FA 121095	TF	40.7	46.3	47.3	57.7	66.3	71.7	79.3	79.0	71.7	69.7	63.3
CATALYST	TF	44.7	52.3	55.0	66.0	79.0	85.0	90.7	91.0	84.3	82.7	77.0
PST-R511	TF	44.7	48.7	52.0	61.0	73.0	77.7	85.0	85.0	78.3	76.3	69.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		51.0	62.3	63.3	72.3	82.7	87.7	91.3	90.7	87.0	89.3	88.3
LSD VALUE		15.1	17.9	24.1	22.8	19.8	16.3	9.7	11.3	16.2	12.3	13.3
C.V. (%)		13.3	12.7	14.0	11.5	9.1	8.0	5.3	5.7	8.4	8.3	10.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.
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