

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 2019

State	Location	Code
Approach 1 Locations (Rainout shelters)		
Arkansas	Fayetteville	AR1
Georgia	Griffin	GA1
Indiana	West Lafayette	IN1
Maryland	College Park	MD1
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	SiteOne Landscape Supply
30	MRSL TF15	tall fescue	SiteOne Landscape Supply
*31	Catalyst	tall fescue	Standard entry
*32	Stetson II	tall fescue	SiteOne 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 2020 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/
2019 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		QUALITY PRE-DROUGHT		MEAN	PERCENT GREEN COVER DURING DRY DOWN						
		MAY 15	JUNE 24		JULY 25	JULY 29	AUG 1	AUG 5	AUG 8	AUG 12	AUG 15
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.7	5.7	5.7	88.3	88.0	88.3	79.0	70.7	78.0	77.7
DLFPS 321/3679	TF	7.0	6.3	6.7	93.3	93.0	92.3	83.7	64.3	70.7	60.0
TITANIUM 2LS	TF	7.0	7.0	7.0	93.0	92.0	90.7	81.0	56.0	58.3	63.3
GO-AOMK	TF	6.3	6.3	6.3	77.0	79.3	77.0	61.3	52.0	62.7	62.3
THOR	TF	7.0	7.0	7.0	91.0	91.0	90.3	78.7	61.7	66.0	68.7
BARROBUSTO	TF	6.7	6.3	6.5	89.7	89.7	89.7	76.7	63.0	62.3	61.7
THUNDERSTRUCK	TF	7.0	6.3	6.7	83.7	84.7	84.0	72.3	60.0	63.7	67.0
BAR PP 110358	KB	7.7	7.7	7.7	91.3	90.3	90.3	83.3	60.0	54.0	59.3
DLFPS 321/3677	TF	6.7	6.3	6.5	90.7	90.7	89.3	75.7	57.7	59.7	58.3
RS4	TF	6.7	6.3	6.5	91.7	90.7	89.3	73.0	51.3	58.7	60.3
PST-K15-169	KB	7.0	6.7	6.8	90.7	89.0	87.7	73.0	56.3	64.7	58.0
SUPERSONIC	TF	6.3	6.0	6.2	92.0	90.0	87.7	72.0	51.3	54.7	56.7
DLFPS 321/3678	TF	7.3	6.7	7.0	91.0	90.7	90.0	72.3	44.0	49.7	49.3
MRS L TF15	TF	7.0	7.0	7.0	85.0	85.7	85.0	68.3	52.0	53.0	59.7
BAR FA 121095	TF	6.7	6.0	6.3	87.0	88.0	86.3	68.0	46.3	58.3	50.7
BLUE NOTE	KB	6.7	6.3	6.5	89.0	86.7	85.7	69.3	44.0	49.7	55.0
CATALYST	TF	7.0	7.0	7.0	77.7	82.3	82.0	65.0	51.7	58.7	64.7
EVEREST	KB	7.0	6.3	6.7	89.3	86.0	84.7	71.3	46.3	48.0	56.3
LTP-SYN-A3	TF	7.0	6.3	6.7	90.3	89.7	88.3	75.3	57.3	55.3	58.0
NONET	TF	7.0	6.7	6.8	89.0	89.3	89.0	77.0	64.0	58.3	62.7
PST-K13-137	KB	6.0	5.7	5.8	83.3	80.7	77.3	63.7	48.7	61.7	59.0
STETSON II	TF	6.7	6.7	6.7	88.7	88.3	87.3	73.0	56.3	53.7	60.3
KINGDOM	TF	6.3	6.3	6.3	82.0	81.7	80.7	70.0	58.3	57.0	61.7
PST-R511	TF	6.7	6.3	6.5	87.7	89.3	88.7	76.3	54.0	55.0	63.0
BARRARI	KB	6.0	6.0	6.0	83.7	82.3	82.3	67.3	43.0	43.0	46.0
PST-5SDS	TF	7.7	7.7	7.7	84.0	84.7	84.7	66.3	49.7	52.0	58.7
MIDNIGHT	KB	6.7	6.3	6.5	79.7	77.0	77.7	62.0	33.3	39.7	39.3
PST-K11-118	KB	6.7	6.7	6.7	82.7	80.7	78.3	53.3	32.7	39.3	47.0
DAUNTLESS	KB	6.3	6.3	6.3	72.0	74.7	74.0	67.7	49.3	67.3	65.7
NAI-13-14	KB	6.7	6.3	6.5	80.3	77.7	78.0	59.7	32.3	34.7	44.3
BABE	KB	6.0	5.7	5.8	75.0	81.0	79.3	51.3	31.7	32.7	41.3
BLUE DEVIL	KB	7.0	6.7	6.8	71.7	72.3	70.7	57.7	36.3	47.0	46.3
PST-K13-141	KB	7.7	6.7	7.2	73.3	75.7	75.3	61.3	36.0	45.3	45.3
NAI-13-132	KB	8.0	7.0	7.5	80.7	79.0	78.0	52.7	31.3	33.0	33.3
PST-K13-143	KB	6.3	6.0	6.2	82.7	80.3	78.0	52.0	26.7	32.7	36.3
LSD VALUE		0.9	0.9	0.8	20.8	15.9	13.1	19.2	30.0	49.5	31.5
C.V. (%)		7.5	7.8	6.9	10.1	8.4	7.8	14.3	28.2	31.9	23.6

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

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

TABLE 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/
2019 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		PERCENT GREEN COVER DURING DRY DOWN								
		AUG 19	AUG 22	AUG 26	AUG 29	SEPT 3	SEPT 5	SEPT 9	SEPT 12	SEPT 16
SR 4650 (P.RYEGRASS STANDARD ENTRY)		63.0	64.7	82.3	85.3	82.3	79.0	67.0	73.3	69.3
DLFPS 321/3679	TF	55.0	58.7	88.0	89.7	84.0	80.7	70.3	75.7	69.7
TITANIUM 2LS	TF	43.0	49.7	74.3	77.7	79.3	78.3	63.0	66.3	63.3
GO-AOMK	TF	58.7	66.3	87.0	82.3	81.0	78.3	68.7	71.3	62.3
THOR	TF	52.7	54.3	69.0	77.7	72.3	71.0	58.7	71.7	67.7
BARROBUSTO	TF	44.3	50.7	67.7	68.3	70.0	70.3	65.0	76.0	70.0
THUNDERSTRUCK	TF	54.7	58.3	80.7	79.7	79.0	76.7	59.0	67.3	67.3
BAR PP 110358	KB	41.3	42.3	66.7	82.0	73.3	71.7	55.7	57.7	57.0
DLFPS 321/3677	TF	41.7	48.3	71.0	73.7	74.3	71.0	53.3	67.3	68.3
RS4	TF	53.0	56.3	82.3	80.3	77.0	69.7	47.0	53.7	65.7
PST-K15-169	KB	48.7	62.0	78.3	74.3	70.0	66.7	67.7	67.7	71.7
SUPERSONIC	TF	53.0	60.3	81.7	83.7	75.0	72.3	54.0	59.0	64.0
DLFPS 321/3678	TF	47.0	56.7	77.0	71.3	71.0	74.3	59.0	64.0	68.7
MRSL TF15	TF	59.3	64.0	81.7	78.0	75.7	72.7	60.0	63.7	63.3
BAR FA 121095	TF	47.3	55.7	79.7	79.7	69.7	67.0	57.3	67.3	74.0
BLUE NOTE	KB	52.3	53.7	77.3	85.3	70.7	64.3	47.0	60.7	63.3
CATALYST	TF	54.3	61.7	80.3	79.0	75.3	74.0	57.3	63.0	60.3
EVEREST	KB	49.3	57.7	77.0	76.7	72.0	71.7	61.0	65.3	67.3
LTP-SYN-A3	TF	49.3	55.0	69.3	61.3	70.0	63.7	51.7	68.3	68.7
NONET	TF	52.3	56.0	68.7	66.7	66.3	70.0	57.3	68.0	60.0
PST-K13-137	KB	47.3	55.0	74.0	79.7	70.3	68.0	47.3	59.3	67.0
STETSON II	TF	49.7	56.7	68.3	68.3	68.7	69.7	46.0	57.7	57.3
KINGDOM	TF	48.0	52.7	67.0	65.7	66.7	65.7	50.0	58.0	65.0
PST-R511	TF	54.7	58.3	71.0	64.7	54.7	59.0	52.7	65.0	62.3
BARRARI	KB	44.0	46.7	64.0	74.3	67.7	64.0	47.7	56.7	60.0
PST-5SDS	TF	45.0	50.7	67.0	61.3	65.3	64.0	47.3	60.7	61.0
MIDNIGHT	KB	29.7	32.0	51.7	64.7	67.7	65.3	56.3	61.3	61.3
PST-K11-118	KB	48.7	53.7	76.7	75.7	52.3	55.3	45.7	51.7	56.7
DAUNTLESS	KB	40.3	42.3	59.7	65.7	54.7	57.0	49.0	55.7	62.3
NAI-13-14	KB	39.0	45.3	65.3	75.7	68.0	66.7	46.3	53.3	55.3
BABE	KB	36.0	44.3	58.7	66.0	60.0	56.3	39.0	46.3	44.3
BLUE DEVIL	KB	42.7	39.3	45.7	59.3	50.0	54.0	48.0	56.0	54.3
PST-K13-141	KB	29.7	34.0	52.7	63.7	61.0	59.3	54.3	62.3	59.7
NAI-13-132	KB	33.3	37.7	53.7	62.7	49.7	48.7	32.3	43.7	41.3
PST-K13-143	KB	26.0	30.0	48.3	54.7	51.7	48.0	39.3	40.7	43.7
LSD VALUE		26.8	31.3	33.2	33.2	21.0	23.6	38.2	36.9	33.1
C.V. (%)		24.5	24.7	20.5	17.2	15.5	15.8	25.0	20.9	18.7

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

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

TABLE 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/
2019 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		PERCENT GREEN COVER DURING DRY DOWN								TOTAL WATER APPLIED (mm)
		SEPT 19	SEPT 23	SEPT 30	OCT 4	OCT 11	OCT 14	OCT 18	OCT 22	
SR 4650 (P.RYEGRASS STANDARD ENTRY)		70.7	70.3	88.0	83.7	90.3	91.0	93.0	93.3	55.3
DLFPS 321/3679	TF	55.7	45.3	82.3	83.3	93.0	93.3	94.3	96.0	80.3
TITANIUM 2LS	TF	66.3	72.0	89.3	87.7	93.0	93.7	95.3	96.0	84.7
GO-AOMK	TF	60.0	59.7	82.7	77.7	89.0	88.7	90.7	92.3	93.0
THOR	TF	58.7	52.3	81.7	81.0	92.0	92.0	94.7	96.0	93.3
BARROBUSTO	TF	65.7	58.0	85.3	85.3	92.3	92.3	94.0	95.0	97.7
THUNDERSTRUCK	TF	63.3	60.0	82.3	81.0	89.3	89.7	91.3	93.0	97.7
BAR PP 110358	KB	65.0	67.7	84.3	77.3	86.3	87.3	89.7	92.3	101.7
DLFPS 321/3677	TF	65.0	70.3	87.3	85.7	92.3	92.0	94.0	95.7	101.7
RS4	TF	67.7	72.3	90.7	87.3	93.0	93.0	94.0	95.3	102.0
PST-K15-169	KB	68.0	62.0	78.3	74.3	87.3	86.0	90.7	92.7	105.7
SUPERSONIC	TF	60.7	68.3	86.3	86.0	93.0	93.0	94.3	95.7	110.0
DLFPS 321/3678	TF	57.3	52.3	82.0	79.3	90.3	90.0	92.3	94.3	114.3
MRSL TF15	TF	57.3	56.7	82.0	81.3	91.7	93.0	93.7	95.3	114.7
BAR FA 121095	TF	64.0	58.3	82.3	79.0	89.3	90.3	92.0	94.0	118.7
BLUE NOTE	KB	61.7	66.7	84.3	78.3	87.0	88.0	90.3	92.7	118.7
CATALYST	TF	58.3	56.3	78.3	80.3	90.3	89.3	92.0	94.3	118.7
EVEREST	KB	66.7	64.3	78.3	73.0	85.0	85.7	88.0	91.0	118.7
LTP-SYN-A3	TF	58.0	61.7	81.7	82.3	92.7	93.0	94.3	95.7	118.7
NONET	TF	56.7	53.0	79.0	77.0	86.7	87.3	91.0	93.3	118.7
PST-K13-137	KB	63.3	59.0	84.3	81.3	90.3	90.7	92.7	93.7	118.7
STETSON II	TF	62.0	65.3	84.3	83.3	91.0	91.3	92.7	94.0	118.7
KINGDOM	TF	62.0	57.7	76.3	74.7	85.3	85.7	88.7	91.7	127.3
PST-R511	TF	65.0	65.0	84.3	84.0	92.0	92.7	95.0	95.7	127.3
BARRARI	KB	63.0	66.3	81.3	69.0	81.3	83.3	85.7	88.7	135.3
PST-5SDS	TF	55.3	53.7	78.0	75.3	87.3	87.7	91.0	93.3	135.7
MIDNIGHT	KB	57.0	55.7	74.3	69.0	83.0	84.0	87.7	90.0	152.3
PST-K11-118	KB	58.0	56.0	75.3	69.7	82.0	82.7	86.7	90.7	152.3
DAUNTLESS	KB	60.3	62.7	80.3	69.7	84.3	82.3	85.3	87.0	152.7
NAI-13-14	KB	59.3	61.7	76.3	71.7	84.0	86.3	88.0	90.3	156.7
BABE	KB	46.3	52.0	69.0	65.7	76.7	77.3	84.0	82.3	173.7
BLUE DEVIL	KB	52.0	50.7	71.7	66.3	83.0	81.7	84.0	87.7	173.7
PST-K13-141	KB	60.3	62.0	78.0	69.3	78.7	79.0	81.3	84.0	173.7
NAI-13-132	KB	41.0	45.0	57.0	52.0	69.0	67.3	70.7	76.3	182.0
PST-K13-143	KB	42.7	41.3	55.7	54.0	64.0	64.3	68.7	75.7	186.3
LSD VALUE		36.1	48.9	24.6	17.0	15.9	17.3	16.2	17.0	85.8
C.V. (%)		18.6	23.3	12.8	11.9	9.0	9.5	8.4	7.6	31.5

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

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

TABLE 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/
2019 DATA

TOTAL WATER APPLIED IN MM 2/

NAME	PRE-DROUGHT QUALITY			PERCENT GREEN COVER DURING DRY DOWN						
	MAY 15	JUNE 24	MEAN	JULY 25	JULY 29	AUG 1	AUG 5	AUG 8	AUG 12	AUG 15
SR 4650 (P.RYEGRASS STANDARD ENTRY)	5.7	5.7	5.7	88.3	88.0	88.3	79.0	70.7	78.0	77.7
BAR PP 110358 KB	7.7	7.7	7.7	91.3	90.3	90.3	83.3	60.0	54.0	59.3
PST-K15-169 KB	7.0	6.7	6.8	90.7	89.0	87.7	73.0	56.3	64.7	58.0
BLUE NOTE KB	6.7	6.3	6.5	89.0	86.7	85.7	69.3	44.0	49.7	55.0
EVEREST KB	7.0	6.3	6.7	89.3	86.0	84.7	71.3	46.3	48.0	56.3
PST-K13-137 KB	6.0	5.7	5.8	83.3	80.7	77.3	63.7	48.7	61.7	59.0
BARRARI KB	6.0	6.0	6.0	83.7	82.3	82.3	67.3	43.0	43.0	46.0
MIDNIGHT KB	6.7	6.3	6.5	79.7	77.0	77.7	62.0	33.3	39.7	39.3
PST-K11-118 KB	6.7	6.7	6.7	82.7	80.7	78.3	53.3	32.7	39.3	47.0
DAUNTLESS KB	6.3	6.3	6.3	72.0	74.7	74.0	67.7	49.3	67.3	65.7
NAI-13-14 KB	6.7	6.3	6.5	80.3	77.7	78.0	59.7	32.3	34.7	44.3
BABE KB	6.0	5.7	5.8	75.0	81.0	79.3	51.3	31.7	32.7	41.3
BLUE DEVIL KB	7.0	6.7	6.8	71.7	72.3	70.7	57.7	36.3	47.0	46.3
PST-K13-141 KB	7.7	6.7	7.2	73.3	75.7	75.3	61.3	36.0	45.3	45.3
NAI-13-132 KB	8.0	7.0	7.5	80.7	79.0	78.0	52.7	31.3	33.0	33.3
PST-K13-143 KB	6.3	6.0	6.2	82.7	80.3	78.0	52.0	26.7	32.7	36.3
LSD VALUE	0.9	0.9	0.8	28.0	27.0	21.4	21.9	34.0	43.7	39.5
C.V. (%)	8.1	8.0	7.3	12.8	11.6	10.4	16.8	36.2	38.5	32.2

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 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/
2019 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		PERCENT GREEN COVER DURING DRY DOWN								
		AUG 19	AUG 22	AUG 26	AUG 29	SEPT 3	SEPT 5	SEPT 9	SEPT 12	SEPT 16
SR 4650 (P.RYEGRASS STANDARD ENTRY)		63.0	64.7	82.3	85.3	82.3	79.0	67.0	73.3	69.3
BAR PP 110358	KB	41.3	42.3	66.7	82.0	73.3	71.7	55.7	57.7	57.0
PST-K15-169	KB	48.7	62.0	78.3	74.3	70.0	66.7	67.7	67.7	71.7
BLUE NOTE	KB	52.3	53.7	77.3	85.3	70.7	64.3	47.0	60.7	63.3
EVEREST	KB	49.3	57.7	77.0	76.7	72.0	71.7	61.0	65.3	67.3
PST-K13-137	KB	47.3	55.0	74.0	79.7	70.3	68.0	47.3	59.3	67.0
BARRARI	KB	44.0	46.7	64.0	74.3	67.7	64.0	47.7	56.7	60.0
MIDNIGHT	KB	29.7	32.0	51.7	64.7	67.7	65.3	56.3	61.3	61.3
PST-K11-118	KB	48.7	53.7	76.7	75.7	52.3	55.3	45.7	51.7	56.7
DAUNTLESS	KB	40.3	42.3	59.7	65.7	54.7	57.0	49.0	55.7	62.3
NAI-13-14	KB	39.0	45.3	65.3	75.7	68.0	66.7	46.3	53.3	55.3
BABE	KB	36.0	44.3	58.7	66.0	60.0	56.3	39.0	46.3	44.3
BLUE DEVIL	KB	42.7	39.3	45.7	59.3	50.0	54.0	48.0	56.0	54.3
PST-K13-141	KB	29.7	34.0	52.7	63.7	61.0	59.3	54.3	62.3	59.7
NAI-13-132	KB	33.3	37.7	53.7	62.7	49.7	48.7	32.3	43.7	41.3
PST-K13-143	KB	26.0	30.0	48.3	54.7	51.7	48.0	39.3	40.7	43.7
LSD VALUE		29.1	32.7	38.3	35.0	27.9	26.6	28.1	36.8	28.9
C.V. (%)		30.2	30.4	25.2	19.3	19.5	18.4	24.8	24.1	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 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/
2019 DATA

NAME		TOTAL WATER APPLIED IN MM 2/								TOTAL WATER APPLIED (mm)
		SEPT 19	SEPT 23	SEPT 30	OCT 4	OCT 11	OCT 14	OCT 18	OCT 22	
SR 4650 (P.RYEGRASS STANDARD ENTRY)		70.7	70.3	88.0	83.7	90.3	91.0	93.0	93.3	55.3
BAR PP 110358	KB	65.0	67.7	84.3	77.3	86.3	87.3	89.7	92.3	101.7
PST-K15-169	KB	68.0	62.0	78.3	74.3	87.3	86.0	90.7	92.7	105.7
BLUE NOTE	KB	61.7	66.7	84.3	78.3	87.0	88.0	90.3	92.7	118.7
EVEREST	KB	66.7	64.3	78.3	73.0	85.0	85.7	88.0	91.0	118.7
PST-K13-137	KB	63.3	59.0	84.3	81.3	90.3	90.7	92.7	93.7	118.7
BARRARI	KB	63.0	66.3	81.3	69.0	81.3	83.3	85.7	88.7	135.3
MIDNIGHT	KB	57.0	55.7	74.3	69.0	83.0	84.0	87.7	90.0	152.3
PST-K11-118	KB	58.0	56.0	75.3	69.7	82.0	82.7	86.7	90.7	152.3
DAUNTLESS	KB	60.3	62.7	80.3	69.7	84.3	82.3	85.3	87.0	152.7
NAI-13-14	KB	59.3	61.7	76.3	71.7	84.0	86.3	88.0	90.3	156.7
BABE	KB	46.3	52.0	69.0	65.7	76.7	77.3	84.0	82.3	173.7
BLUE DEVIL	KB	52.0	50.7	71.7	66.3	83.0	81.7	84.0	87.7	173.7
PST-K13-141	KB	60.3	62.0	78.0	69.3	78.7	79.0	81.3	84.0	173.7
NAI-13-132	KB	41.0	45.0	57.0	52.0	69.0	67.3	70.7	76.3	182.0
PST-K13-143	KB	42.7	41.3	55.7	54.0	64.0	64.3	68.7	75.7	186.3
LSD VALUE		30.1	43.8	32.6	28.7	28.2	30.6	28.5	29.0	113.8
C.V. (%)		21.2	25.5	17.3	16.9	13.3	14.1	12.6	11.5	34.3

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 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/
2019 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		PRE-DROUGHT QUALITY		MEAN	PERCENT GREEN COVER DURING DRY DOWN						
		MAY 15	JUNE 24		JULY 25	JULY 29	AUG 1	AUG 5	AUG 8	AUG 12	AUG 15
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.7	5.7	5.7	88.3	88.0	88.3	79.0	70.7	78.0	77.7
DLFPS 321/3679	TF	7.0	6.3	6.7	93.3	93.0	92.3	83.7	64.3	70.7	60.0
TITANIUM 2LS	TF	7.0	7.0	7.0	93.0	92.0	90.7	81.0	56.0	58.3	63.3
GO-AOMK	TF	6.3	6.3	6.3	77.0	79.3	77.0	61.3	52.0	62.7	62.3
THOR	TF	7.0	7.0	7.0	91.0	91.0	90.3	78.7	61.7	66.0	68.7
BARROBUSTO	TF	6.7	6.3	6.5	89.7	89.7	89.7	76.7	63.0	62.3	61.7
THUNDERSTRUCK	TF	7.0	6.3	6.7	83.7	84.7	84.0	72.3	60.0	63.7	67.0
DLFPS 321/3677	TF	6.7	6.3	6.5	90.7	90.7	89.3	75.7	57.7	59.7	58.3
RS4	TF	6.7	6.3	6.5	91.7	90.7	89.3	73.0	51.3	58.7	60.3
SUPERSONIC	TF	6.3	6.0	6.2	92.0	90.0	87.7	72.0	51.3	54.7	56.7
DLFPS 321/3678	TF	7.3	6.7	7.0	91.0	90.7	90.0	72.3	44.0	49.7	49.3
MRSL TF15	TF	7.0	7.0	7.0	85.0	85.7	85.0	68.3	52.0	53.0	59.7
BAR FA 121095	TF	6.7	6.0	6.3	87.0	88.0	86.3	68.0	46.3	58.3	50.7
CATALYST	TF	7.0	7.0	7.0	77.7	82.3	82.0	65.0	51.7	58.7	64.7
LTP-SYN-A3	TF	7.0	6.3	6.7	90.3	89.7	88.3	75.3	57.3	55.3	58.0
NONET	TF	7.0	6.7	6.8	89.0	89.3	89.0	77.0	64.0	58.3	62.7
STETSON II	TF	6.7	6.7	6.7	88.7	88.3	87.3	73.0	56.3	53.7	60.3
KINGDOM	TF	6.3	6.3	6.3	82.0	81.7	80.7	70.0	58.3	57.0	61.7
PST-R511	TF	6.7	6.3	6.5	87.7	89.3	88.7	76.3	54.0	55.0	63.0
PST-5SDS	TF	7.7	7.7	7.7	84.0	84.7	84.7	66.3	49.7	52.0	58.7
LSD VALUE		1.0	1.0	0.8	9.9	5.8	7.5	18.9	26.4	35.9	14.3
C.V. (%)		7.2	7.5	6.6	5.8	3.8	4.5	10.6	17.8	20.0	11.3

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

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

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/
2019 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		PERCENT GREEN COVER DURING DRY DOWN								
		AUG 19	AUG 22	AUG 26	AUG 29	SEPT 3	SEPT 5	SEPT 9	SEPT 12	SEPT 16
SR 4650 (P.RYEGRASS STANDARD ENTRY)		63.0	64.7	82.3	85.3	82.3	79.0	67.0	73.3	69.3
DLFPS 321/3679	TF	55.0	58.7	88.0	89.7	84.0	80.7	70.3	75.7	69.7
TITANIUM 2LS	TF	43.0	49.7	74.3	77.7	79.3	78.3	63.0	66.3	63.3
GO-AOMK	TF	58.7	66.3	87.0	82.3	81.0	78.3	68.7	71.3	62.3
THOR	TF	52.7	54.3	69.0	77.7	72.3	71.0	58.7	71.7	67.7
BARROBUSTO	TF	44.3	50.7	67.7	68.3	70.0	70.3	65.0	76.0	70.0
THUNDERSTRUCK	TF	54.7	58.3	80.7	79.7	79.0	76.7	59.0	67.3	67.3
DLFPS 321/3677	TF	41.7	48.3	71.0	73.7	74.3	71.0	53.3	67.3	68.3
RS4	TF	53.0	56.3	82.3	80.3	77.0	69.7	47.0	53.7	65.7
SUPERSONIC	TF	53.0	60.3	81.7	83.7	75.0	72.3	54.0	59.0	64.0
DLFPS 321/3678	TF	47.0	56.7	77.0	71.3	71.0	74.3	59.0	64.0	68.7
MRSL TF15	TF	59.3	64.0	81.7	78.0	75.7	72.7	60.0	63.7	63.3
BAR FA 121095	TF	47.3	55.7	79.7	79.7	69.7	67.0	57.3	67.3	74.0
CATALYST	TF	54.3	61.7	80.3	79.0	75.3	74.0	57.3	63.0	60.3
LTP-SYN-A3	TF	49.3	55.0	69.3	61.3	70.0	63.7	51.7	68.3	68.7
NONET	TF	52.3	56.0	68.7	66.7	66.3	70.0	57.3	68.0	60.0
STETSON II	TF	49.7	56.7	68.3	68.3	68.7	69.7	46.0	57.7	57.3
KINGDOM	TF	48.0	52.7	67.0	65.7	66.7	65.7	50.0	58.0	65.0
PST-R511	TF	54.7	58.3	71.0	64.7	54.7	59.0	52.7	65.0	62.3
PST-5SDS	TF	45.0	50.7	67.0	61.3	65.3	64.0	47.3	60.7	61.0
LSD VALUE		19.2	23.7	25.6	21.8	19.7	28.0	46.8	37.3	37.3
C.V. (%)		15.3	14.6	13.4	13.5	12.1	13.5	24.9	17.7	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 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/
2019 DATA

NAME		TOTAL WATER APPLIED IN MM 2/							TOTAL WATER APPLIED (mm)	
		PERCENT GREEN COVER DURING DRY DOWN								
		SEPT 19	SEPT 23	SEPT 30	OCT 4	OCT 11	OCT 14	OCT 18	OCT 22	
SR 4650 (P.RYEGRASS STANDARD ENTRY)		70.7	70.3	88.0	83.7	90.3	91.0	93.0	93.3	55.3
DLFPS 321/3679	TF	55.7	45.3	82.3	83.3	93.0	93.3	94.3	96.0	80.3
TITANIUM 2LS	TF	66.3	72.0	89.3	87.7	93.0	93.7	95.3	96.0	84.7
GO-AOMK	TF	60.0	59.7	82.7	77.7	89.0	88.7	90.7	92.3	93.0
THOR	TF	58.7	52.3	81.7	81.0	92.0	92.0	94.7	96.0	93.3
BARROBUSTO	TF	65.7	58.0	85.3	85.3	92.3	92.3	94.0	95.0	97.7
THUNDERSTRUCK	TF	63.3	60.0	82.3	81.0	89.3	89.7	91.3	93.0	97.7
DLFPS 321/3677	TF	65.0	70.3	87.3	85.7	92.3	92.0	94.0	95.7	101.7
RS4	TF	67.7	72.3	90.7	87.3	93.0	93.0	94.0	95.3	102.0
SUPERSONIC	TF	60.7	68.3	86.3	86.0	93.0	93.0	94.3	95.7	110.0
DLFPS 321/3678	TF	57.3	52.3	82.0	79.3	90.3	90.0	92.3	94.3	114.3
MRSL TF15	TF	57.3	56.7	82.0	81.3	91.7	93.0	93.7	95.3	114.7
BAR FA 121095	TF	64.0	58.3	82.3	79.0	89.3	90.3	92.0	94.0	118.7
CATALYST	TF	58.3	56.3	78.3	80.3	90.3	89.3	92.0	94.3	118.7
LTP-SYN-A3	TF	58.0	61.7	81.7	82.3	92.7	93.0	94.3	95.7	118.7
NONET	TF	56.7	53.0	79.0	77.0	86.7	87.3	91.0	93.3	118.7
STETSON II	TF	62.0	65.3	84.3	83.3	91.0	91.3	92.7	94.0	118.7
KINGDOM	TF	62.0	57.7	76.3	74.7	85.3	85.7	88.7	91.7	127.3
PST-R511	TF	65.0	65.0	84.3	84.0	92.0	92.7	95.0	95.7	127.3
PST-5SDS	TF	55.3	53.7	78.0	75.3	87.3	87.7	91.0	93.3	135.7
LSD VALUE		29.5	29.9	12.5	10.0	4.7	3.9	3.0	2.6	73.4
C.V. (%)		14.4	18.8	6.3	5.7	2.7	2.4	1.8	1.5	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 2A.

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2019 DATA

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

NAME		PRE-DROUGHT QUALITY				QUALITY RATINGS DURING DRY DOWN							
		2/22	3/28	4/16	5/29	6/5	6/13	6/20	6/27	7/4	7/11	7/18	7/25
DLFPS 321/3678	TF	4.0	6.7	6.7	7.0	6.7	6.7	6.7	6.3	5.7	5.0	4.3	3.7
GO-AOMK	TF	3.7	6.7	6.3	7.0	6.7	7.0	7.0	6.7	5.7	4.3	4.3	3.7
DLFPS 321/3679	TF	4.3	6.7	6.3	7.0	6.7	7.0	6.7	6.0	4.7	4.0	3.7	3.3
MRSLS TF15	TF	3.3	5.7	6.0	7.0	7.0	7.0	7.0	6.3	5.3	4.3	4.3	3.3
SUPERSONIC	TF	3.7	5.0	5.3	7.3	7.0	7.0	6.7	6.0	4.3	4.0	3.7	3.3
BAR FA 121095	TF	3.7	6.0	6.0	7.0	7.0	7.0	7.0	5.7	4.3	3.7	3.7	3.0
LTP-SYN-A3	TF	4.0	5.7	5.7	7.0	6.7	6.3	6.7	6.3	4.7	4.3	3.7	3.3
RS4	TF	3.7	4.7	5.0	7.0	7.0	6.7	6.3	5.3	4.3	3.3	3.7	3.0
BARROBUSTO	TF	3.7	5.0	4.7	6.0	6.3	6.7	7.0	6.0	4.3	3.3	4.0	2.7
DLFPS 321/3677	TF	4.3	5.3	5.3	7.0	6.7	6.3	6.0	5.0	4.0	3.3	3.3	2.7
PST-5SDS	TF	4.0	6.0	6.7	6.7	6.7	6.0	6.0	5.7	4.0	3.7	3.3	3.0
CATALYST	TF	4.0	5.7	6.0	6.7	6.3	6.0	6.0	5.3	4.3	3.7	3.3	3.0
NONET	TF	3.7	5.3	5.7	6.7	6.3	5.7	6.3	5.0	4.7	3.7	3.3	3.0
TITANIUM 2LS	TF	3.3	5.3	5.3	6.0	6.3	6.3	5.7	5.3	4.3	3.3	3.3	3.0
KINGDOM	TF	4.7	6.7	6.7	6.7	6.3	6.0	5.7	4.7	3.7	3.0	3.0	2.7
MIDNIGHT	KB	5.0	5.7	5.3	6.0	5.0	6.0	5.7	4.3	3.7	3.7	3.3	3.0
STETSON II	TF	4.0	5.7	5.7	6.0	6.3	6.3	5.7	4.7	4.0	3.7	3.3	3.3
THUNDERSTRUCK	TF	3.7	5.3	5.3	6.7	6.3	6.0	6.3	5.3	4.3	3.7	3.0	3.0
BLUE NOTE	KB	5.0	6.0	5.7	6.0	6.3	6.0	5.7	4.7	4.0	3.3	3.3	2.3
PST-R511	TF	3.3	4.3	4.3	6.0	6.3	6.3	5.3	5.3	4.3	3.7	3.7	2.7
THOR	TF	3.0	5.3	5.0	6.3	6.3	5.7	6.0	5.0	3.7	3.0	3.0	2.7
PST-K11-118	KB	5.7	7.3	6.7	6.3	5.7	5.7	5.0	4.0	3.0	2.7	2.3	2.3
PST-K13-141	KB	5.7	6.3	6.3	6.3	5.7	5.3	4.7	4.0	3.3	3.0	3.0	2.7
BABE	KB	6.0	6.0	6.0	5.3	5.3	6.0	5.3	4.3	3.0	2.7	2.7	2.0
BARRARI	KB	5.3	6.7	6.3	6.3	5.7	5.7	5.3	4.0	3.3	2.7	2.7	2.0
DAUNTLESS	KB	5.0	7.0	6.7	5.3	5.3	5.0	5.0	4.0	3.0	2.7	2.7	2.3
PST-K13-143	KB	5.0	6.7	6.7	6.0	5.0	5.7	5.0	4.0	3.7	3.3	3.0	2.3
BLUE DEVIL	KB	5.3	6.7	6.0	5.7	5.0	5.3	5.3	4.0	3.0	3.0	2.3	2.0
PST-K15-169	KB	4.7	5.3	5.0	6.3	6.0	5.3	4.7	4.0	3.3	3.0	3.0	2.7
EVEREST	KB	5.3	5.3	5.0	5.7	4.7	5.0	4.7	4.0	3.0	2.7	2.7	2.3
PST-K13-137	KB	5.0	6.3	5.3	5.7	4.7	5.0	5.0	3.7	3.0	2.7	2.3	2.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.3	5.0	5.0	4.3	4.0	5.3	4.0	3.0	3.0	2.7	2.7	2.0
NAI-13-132	KB	5.3	5.3	5.0	6.0	5.3	5.3	4.7	4.0	3.0	2.0	2.3	2.0
NAI-13-14	KB	5.3	6.7	5.3	5.7	5.0	4.7	4.0	3.3	2.7	2.3	2.3	2.0
BAR PP 110358	KB	4.7	6.3	6.0	5.3	5.0	4.3	3.7	3.0	2.7	2.3	2.0	2.3
LSD VALUE		1.2	3.2	2.1	1.4	1.4	2.1	2.8	1.9	2.7	2.9	1.7	1.4
C.V. (%)		16.1	18.9	15.5	11.7	13.1	15.7	21.2	21.4	28.7	30.5	24.7	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 2A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN										QUALITY RATINGS DURING RECOVERY		
		8/1	8/8	8/22	8/29	9/5	9/12	9/19	9/26	10/1	??<>??	11/4	12/3	MEAN
DLFPS 321/3678	TF	3.3	2.3	2.7	2.3	2.3	2.0	2.0	2.0	2.7	3.3	4.3	6.3	4.4
GO-AOMK	TF	3.7	2.3	2.7	2.0	2.3	2.0	2.0	2.0	3.0	3.0	4.0	6.0	4.4
DLFPS 321/3679	TF	3.0	2.3	2.7	2.7	2.7	2.0	2.3	2.3	3.0	3.0	4.0	5.3	4.3
MRSL TF15	TF	3.0	2.3	2.7	2.3	2.3	2.0	2.3	2.3	2.3	3.0	4.0	5.3	4.2
SUPERSONIC	TF	2.7	2.0	3.0	2.3	3.0	2.0	2.7	2.7	3.0	3.3	4.0	5.0	4.2
BAR FA 121095	TF	2.7	2.3	2.7	2.3	2.7	2.0	2.0	2.0	3.0	3.0	3.7	5.3	4.1
LTP-SYN-A3	TF	2.7	2.0	2.3	2.0	2.7	2.3	2.7	2.7	2.3	3.0	4.0	5.3	4.1
RS4	TF	3.0	2.7	2.3	2.7	2.7	2.3	2.7	2.7	2.7	3.0	3.0	5.0	4.0
BARROBUSTO	TF	3.0	2.3	2.7	2.7	2.7	2.0	2.3	2.3	2.7	2.7	3.3	4.7	3.9
DLFPS 321/3677	TF	3.0	2.3	2.7	2.7	2.7	2.0	2.3	2.3	2.3	2.7	3.0	4.3	3.9
PST-5SDS	TF	2.7	2.3	2.3	2.3	2.0	2.0	2.0	2.0	2.3	2.0	2.7	4.3	3.9
CATALYST	TF	2.7	2.0	2.3	2.3	2.0	2.0	2.0	2.0	2.0	2.0	3.3	4.3	3.8
NONET	TF	3.0	2.3	2.3	2.3	2.3	2.0	2.0	2.0	2.3	2.7	3.3	4.3	3.8
TITANIUM 2LS	TF	2.7	2.3	2.7	2.0	2.3	2.0	2.7	2.7	2.0	2.7	3.7	5.0	3.8
KINGDOM	TF	2.3	2.0	2.3	2.3	2.3	2.0	2.0	2.0	2.0	2.3	2.7	4.3	3.7
MIDNIGHT	KB	3.0	2.0	2.3	2.7	2.7	2.0	1.7	1.7	1.7	2.3	3.0	4.7	3.7
STETSON II	TF	2.7	2.3	2.7	2.3	2.0	2.0	2.0	2.0	2.0	2.3	2.7	4.0	3.7
THUNDERSTRUCK	TF	2.7	2.0	2.0	2.0	2.3	2.0	2.0	2.0	2.0	2.3	3.0	4.3	3.7
BLUE NOTE	KB	2.3	2.0	2.0	2.3	2.3	1.7	1.7	1.7	2.0	2.3	3.0	4.0	3.6
PST-R511	TF	2.7	2.0	2.3	2.3	2.0	2.0	2.0	2.0	2.0	2.3	2.7	4.0	3.6
THOR	TF	2.0	2.0	2.0	2.3	2.3	2.0	3.0	3.0	2.3	2.7	2.7	4.0	3.6
PST-K11-118	KB	2.7	2.0	2.3	2.0	2.3	1.7	1.7	1.7	2.0	2.0	2.3	3.7	3.5
PST-K13-141	KB	2.7	2.0	2.0	2.0	2.3	1.7	1.7	1.7	1.7	2.3	2.7	3.3	3.5
BABE	KB	2.7	2.0	2.0	2.0	2.0	1.7	1.3	1.3	1.7	1.7	2.7	3.7	3.4
BARRARI	KB	2.0	2.0	2.3	1.7	2.3	1.7	1.7	1.7	1.7	1.7	2.3	2.7	3.4
DAUNTLESS	KB	2.7	2.0	2.0	1.7	2.0	2.0	2.0	2.0	1.3	1.7	2.7	3.0	3.4
PST-K13-143	KB	2.7	2.0	2.3	1.7	2.0	1.7	1.7	1.7	1.3	1.7	2.0	3.0	3.4
BLUE DEVIL	KB	2.3	2.0	2.0	2.0	2.0	1.7	2.0	2.0	2.0	2.0	2.3	2.7	3.3
PST-K15-169	KB	2.3	2.0	2.3	2.0	2.0	1.7	1.7	1.7	1.7	2.0	2.0	3.3	3.3
EVEREST	KB	2.3	2.0	2.3	2.3	2.0	2.0	1.3	1.3	1.7	2.0	2.3	3.0	3.2
PST-K13-137	KB	2.7	2.0	2.0	2.0	2.0	1.7	1.7	1.7	1.7	2.0	2.0	3.3	3.2
SR 4650 (P.RYEGRASS STANDARD ENTRY)		3.0	2.0	2.3	2.3	2.3	1.7	2.0	2.0	2.0	2.7	3.3	4.7	3.2
NAI-13-132	KB	2.0	2.0	2.0	2.0	2.0	1.7	1.3	1.3	1.3	2.0	2.0	2.3	3.1
NAI-13-14	KB	2.0	2.0	2.3	1.7	2.3	1.7	1.7	1.7	1.7	1.7	2.3	3.0	3.1
BAR PP 110358	KB	2.0	1.7	2.0	1.7	2.3	1.3	1.7	1.7	1.7	1.3	2.3	2.7	3.0
LSD VALUE		1.8	1.2	1.5	1.4	1.5	1.3	1.2	1.2	0.6	0.9	2.3	2.3	0.9
C.V. (%)		22.9	16.1	19.9	21.9	20.0	19.6	27.0	27.0	18.9	21.5	31.8	28.2	12.6

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

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

TABLE 2A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2019 DATA

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

NAME		PRE-DROUGHT PERCENT COVER					PERCENT GREEN COVER DURING DRY DOWN					
		2/22	3/28	4/16	5/29	6/5	6/13	6/20	6/27	7/4	7/11	7/18
DLFPS 321/3678	TF	60.3	93.3	94.7	95.7	94.3	92.7	87.7	84.7	74.0	62.3	50.7
GO-AOMK	TF	57.3	91.3	90.3	95.0	92.7	91.3	86.0	83.3	66.7	56.3	44.3
DLFPS 321/3679	TF	63.7	90.3	91.7	96.3	95.0	91.3	88.7	85.3	65.0	47.7	36.7
MRSI TF15	TF	56.0	88.3	91.3	96.0	94.3	92.3	88.0	85.0	67.7	56.3	41.3
SUPERSONIC	TF	54.7	86.0	91.7	96.7	95.0	92.3	87.0	80.7	56.0	41.7	32.3
BAR FA 121095	TF	53.0	86.3	93.0	97.7	94.7	92.3	84.7	79.7	53.7	41.7	31.0
LTP-SYN-A3	TF	60.3	80.3	88.3	97.0	95.0	93.0	87.3	83.0	62.0	48.7	34.3
RS4	TF	56.0	80.3	86.0	97.0	95.7	93.0	84.3	74.3	45.0	34.7	28.7
BARROBUSTO	TF	55.0	77.7	77.7	94.0	89.3	89.3	83.0	78.0	47.3	38.0	30.3
DLFPS 321/3677	TF	56.0	79.0	87.3	95.3	94.7	91.3	83.7	79.3	48.7	38.7	31.3
PST-5SDS	TF	59.3	90.0	93.3	96.0	94.3	89.3	83.3	77.0	52.0	40.7	30.7
CATALYST	TF	58.0	88.7	91.7	94.7	93.0	88.3	79.3	75.7	49.0	36.3	28.3
NONET	TF	56.7	87.0	88.7	94.3	92.0	87.7	77.3	73.0	45.7	33.3	25.7
TITANIUM 2LS	TF	60.0	76.3	84.7	95.7	93.3	89.7	84.0	79.3	49.0	37.3	31.0
KINGDOM	TF	66.0	92.0	92.7	94.3	92.7	87.3	79.3	72.3	43.3	32.7	25.3
MIDNIGHT	KB	70.0	88.3	85.7	92.0	89.7	81.3	71.0	66.3	39.7	32.3	27.3
STETSON II	TF	61.3	86.3	86.3	93.3	88.7	88.0	82.0	76.3	54.7	42.3	33.3
THUNDERSTRUCK	TF	61.7	84.3	86.0	93.0	93.3	88.0	80.0	73.0	51.0	36.7	26.7
BLUE NOTE	KB	76.0	83.0	86.0	95.0	92.3	84.3	72.3	64.3	38.0	31.7	21.3
PST-R511	TF	50.3	72.0	80.3	95.3	94.3	91.3	87.3	82.7	57.3	43.7	30.0
THOR	TF	59.3	80.3	83.0	91.3	91.0	86.0	78.3	68.0	40.7	29.3	23.3
PST-K11-118	KB	77.7	95.3	94.0	93.0	88.7	75.3	60.3	54.0	25.3	20.0	15.7
PST-K13-141	KB	76.3	92.7	91.0	95.0	92.7	76.0	61.3	60.7	34.3	29.3	23.7
BABE	KB	72.3	84.3	81.0	89.0	87.7	77.3	64.7	57.7	27.3	19.7	16.3
BARRARI	KB	72.0	87.7	87.0	93.7	90.3	77.7	63.7	53.3	22.7	17.7	14.0
DAUNTLESS	KB	76.0	92.7	90.3	91.7	86.7	71.3	54.0	47.3	26.3	22.7	18.0
PST-K13-143	KB	73.0	90.7	89.7	91.0	88.0	78.0	63.3	55.3	26.3	22.3	18.7
BLUE DEVIL	KB	67.7	86.0	86.3	89.7	87.7	79.3	63.7	58.0	27.0	22.0	18.0
PST-K15-169	KB	71.7	81.3	83.0	93.3	93.3	80.3	67.7	65.3	33.7	28.3	22.7
EVEREST	KB	70.0	78.3	81.7	90.7	88.0	72.0	56.0	54.3	25.0	24.3	18.7
PST-K13-137	KB	73.0	88.0	88.3	87.3	87.7	76.3	65.3	58.7	29.3	24.7	18.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		67.0	87.0	87.7	83.3	82.0	65.7	60.7	52.0	26.7	22.3	16.7
NAI-13-132	KB	69.0	82.0	77.7	89.0	86.7	76.0	61.7	56.7	19.0	15.3	14.3
NAI-13-14	KB	70.3	87.0	86.0	89.0	86.3	70.3	51.3	45.3	13.7	9.7	8.3
BAR PP 110358	KB	77.0	93.0	87.3	87.7	85.3	63.7	52.0	48.3	20.7	14.7	10.7
LSD VALUE		7.1	34.1	37.7	8.9	9.2	17.2	25.0	27.7	32.1	30.0	26.2
C.V. (%)		7.2	11.4	10.6	4.4	4.7	11.0	17.8	20.7	40.7	44.7	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 2A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN									PERCENT COVER DURING RECOVERY	
		7/25	8/1	8/15	8/22	8/29	9/5	9/19	9/26	10/1	11/4	12/3
DLFPS 321/3678	TF	39.7	17.3	6.0	4.7	8.0	6.3	10.3	2.3	25.7	80.0	88.7
GO-AOMK	TF	36.0	14.0	7.0	4.0	7.0	7.7	12.3	2.7	27.0	68.7	85.7
DLFPS 321/3679	TF	30.0	12.3	4.3	4.3	8.0	6.7	12.3	2.3	24.7	65.0	85.3
MRSI TF15	TF	32.3	14.7	5.3	3.0	5.7	5.7	11.7	1.7	25.7	67.7	83.3
SUPERSONIC	TF	27.0	9.7	5.3	4.3	8.7	9.3	16.0	1.3	26.7	59.7	84.0
BAR FA 121095	TF	26.3	10.7	5.7	4.7	7.7	29.0	11.0	2.0	22.7	68.7	87.0
LTP-SYN-A3	TF	27.3	9.0	2.3	2.0	7.3	9.3	15.3	2.7	24.7	68.7	81.3
RS4	TF	25.3	11.0	7.0	5.3	9.3	8.7	14.7	3.0	22.7	43.0	55.0
BARROBUSTO	TF	25.3	14.3	6.0	5.0	9.3	7.7	13.3	2.0	26.0	57.0	74.3
DLFPS 321/3677	TF	25.3	11.7	8.3	6.7	8.7	6.7	11.0	2.7	20.0	42.3	71.7
PST-5SDS	TF	26.7	9.3	3.7	2.0	3.7	4.0	7.0	2.3	9.7	37.7	77.7
CATALYST	TF	22.0	6.7	2.7	1.7	2.7	2.7	5.3	2.3	11.0	43.3	70.0
NONET	TF	24.0	8.3	4.7	3.3	5.0	4.0	8.7	2.7	13.3	43.3	66.3
TITANIUM 2LS	TF	26.3	10.3	6.0	3.3	5.7	5.7	8.3	1.3	16.7	47.0	68.0
KINGDOM	TF	19.3	6.7	3.7	2.3	3.7	4.3	5.0	3.3	7.7	24.0	63.7
MIDNIGHT	KB	25.7	11.0	4.3	3.0	5.3	5.0	5.7	2.0	11.0	48.0	57.0
STETSON II	TF	26.0	11.0	6.3	3.3	4.3	4.3	5.3	2.3	9.0	33.7	73.3
THUNDERSTRUCK	TF	21.0	6.3	3.0	3.0	5.0	4.7	5.7	2.7	10.3	43.0	66.3
BLUE NOTE	KB	15.7	5.7	2.3	1.7	2.7	2.3	2.7	0.7	7.3	36.7	48.3
PST-R511	TF	21.3	8.7	3.0	3.0	3.3	4.7	4.7	2.0	7.7	32.7	62.0
THOR	TF	18.7	5.7	3.0	2.3	4.0	4.3	7.0	2.3	11.7	28.3	70.0
PST-K11-118	KB	13.0	5.3	2.0	1.7	3.0	1.7	3.7	1.7	6.0	25.0	55.7
PST-K13-141	KB	17.3	7.0	1.7	1.7	3.0	2.7	2.3	0.7	6.3	28.3	53.0
BABE	KB	14.3	6.7	2.7	1.7	2.3	2.0	1.0	1.3	3.0	23.3	49.7
BARRARI	KB	10.0	3.7	1.3	1.3	1.7	2.7	3.0	1.0	6.3	20.3	52.7
DAUNTLESS	KB	14.7	6.3	1.3	1.0	1.7	1.0	1.0	1.0	3.0	21.0	40.0
PST-K13-143	KB	12.3	4.0	2.0	1.7	2.3	3.7	2.3	2.0	3.7	12.0	30.0
BLUE DEVIL	KB	13.7	4.7	1.3	1.0	1.3	1.3	1.0	1.3	2.3	19.0	36.7
PST-K15-169	KB	16.7	6.0	2.7	2.3	3.3	3.0	2.0	2.0	3.7	15.3	45.0
EVEREST	KB	15.0	7.7	2.0	2.0	2.7	2.7	2.7	1.3	4.3	16.7	38.0
PST-K13-137	KB	14.7	6.3	2.3	1.0	2.0	1.0	1.0	1.7	2.7	15.7	31.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		12.7	8.0	4.3	3.3	6.0	8.0	5.3	3.0	12.0	44.7	82.0
NAI-13-132	KB	11.0	4.0	2.0	1.0	1.7	1.7	0.7	0.7	1.7	5.0	28.3
NAI-13-14	KB	6.3	2.3	1.3	1.0	2.0	2.0	2.7	1.3	4.7	13.7	38.7
BAR PP 110358	KB	8.7	4.3	2.0	1.3	2.0	1.3	1.3	1.3	1.7	8.7	38.7
LSD VALUE		21.4	16.1	5.2	5.5	5.8	20.7	4.7	2.2	11.3	45.8	44.9
C.V. (%)		47.9	66.3	65.3	76.7	63.4	144.5	47.6	49.5	57.4	61.8	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 2B.

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2019 DATA

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

NAME		PRE-DROUGHT QUALITY					QUALITY RATINGS DURING DRY DOWN				7/11	7/18	7/25
		2/22	3/28	4/16	5/29	6/5	6/13	6/20	6/27	7/4			
DLFPS 321/3678	TF	4.7	7.3	7.3	7.7	7.3	7.0	8.0	8.0	6.7	5.3	4.0	4.3
GO-AOMK	TF	4.3	6.7	7.3	7.3	7.0	6.7	7.3	7.0	6.3	5.7	4.7	4.3
MRSL TF15	TF	4.0	6.7	7.0	7.7	7.0	7.0	8.0	8.0	6.3	5.7	4.3	4.3
RS4	TF	3.7	7.0	6.0	8.0	7.3	7.0	8.0	7.7	6.0	5.7	4.3	4.7
SUPERSONIC	TF	3.7	6.3	7.0	7.3	7.3	7.0	8.0	8.0	6.3	6.0	5.0	5.0
BARROBUSTO	TF	3.7	5.7	6.3	7.0	6.7	6.7	7.0	7.0	6.7	6.0	5.7	4.7
LTP-SYN-A3	TF	4.3	7.0	6.3	7.3	6.7	7.0	8.0	7.7	5.7	5.0	3.3	4.3
BAR FA 121095	TF	4.0	7.3	7.0	7.7	6.3	7.0	7.3	7.0	5.3	4.7	3.7	3.7
DLFPS 321/3679	TF	4.3	7.0	6.7	8.0	7.3	7.0	8.0	7.7	5.7	4.7	3.7	4.0
TITANIUM 2LS	TF	3.7	6.3	6.7	7.7	7.0	6.7	7.7	7.7	5.3	5.7	4.0	4.3
KINGDOM	TF	4.3	7.0	7.0	7.0	7.3	7.0	7.7	7.7	5.0	5.0	3.3	3.7
STETSON II	TF	4.3	7.0	6.3	7.0	6.7	7.0	7.7	7.0	5.7	5.0	4.7	4.7
THOR	TF	4.0	7.3	6.7	7.7	7.3	7.0	8.0	7.7	5.3	4.7	3.7	4.0
THUNDERSTRUCK	TF	4.0	7.0	6.0	7.7	7.0	6.7	7.3	6.7	6.3	5.7	3.7	4.0
DLFPS 321/3677	TF	3.3	5.7	5.7	6.7	7.0	6.7	7.7	7.3	6.3	5.3	4.3	4.3
NONET	TF	4.3	6.7	7.0	7.3	6.3	6.7	7.3	7.0	5.0	5.0	3.7	4.0
PST-R511	TF	3.3	5.3	5.3	8.0	7.3	7.0	7.7	7.7	7.3	5.3	4.3	4.3
CATALYST	TF	4.0	6.7	6.7	7.3	7.0	7.0	7.0	7.0	5.0	4.7	3.3	3.7
PST-5SDS	TF	3.3	6.0	6.0	7.7	7.0	7.0	7.7	6.7	5.0	4.7	3.7	3.7
PST-K13-141	KB	6.0	7.0	5.3	7.0	7.3	6.7	7.0	6.0	4.7	4.3	3.7	3.3
MIDNIGHT	KB	5.3	7.0	6.3	6.3	7.0	6.3	6.3	6.3	4.7	4.0	4.0	3.3
BAR PP 110358	KB	7.0	7.3	6.7	6.0	5.7	5.7	5.3	5.3	4.0	4.0	2.7	3.3
DAUNTLESS	KB	5.7	7.3	6.3	6.3	6.0	5.7	6.0	5.0	3.7	4.3	3.7	3.7
BLUE DEVIL	KB	5.3	6.0	5.7	6.0	5.7	6.3	6.3	5.7	4.7	3.7	4.0	3.3
BLUE NOTE	KB	6.0	6.7	6.0	7.0	6.3	6.3	6.3	5.3	4.7	3.3	2.7	3.0
EVEREST	KB	5.7	6.3	5.7	6.3	6.0	6.3	5.7	5.7	4.7	4.0	3.3	3.3
PST-K11-118	KB	6.0	6.7	6.0	6.7	6.7	5.7	5.3	5.0	4.3	4.0	4.0	3.3
PST-K13-143	KB	5.0	6.3	5.0	6.3	6.7	6.3	6.3	5.7	5.0	4.7	3.3	3.3
BABE	KB	6.0	6.7	5.7	6.0	5.3	5.3	5.3	4.7	3.3	4.0	3.3	3.3
BARRARI	KB	6.0	7.3	6.7	6.7	6.0	5.7	5.7	4.7	3.7	3.3	2.7	3.0
NAI-13-14	KB	5.3	6.3	5.7	5.7	5.7	5.7	6.0	5.0	3.7	3.3	3.3	3.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.7	5.7	5.0	5.7	5.7	6.0	5.3	4.7	3.7	3.3	3.3	3.0
PST-K13-137	KB	3.7	4.3	3.7	5.7	5.3	6.0	6.0	5.3	4.7	4.3	3.7	3.3
PST-K15-169	KB	5.7	6.3	5.3	7.0	6.7	5.7	5.7	4.7	3.3	3.0	3.0	3.0
NAI-13-132	KB	4.3	5.0	4.7	5.7	5.3	5.7	5.7	4.7	4.0	3.7	3.3	3.3
LSD VALUE		0.9	1.4	1.2	1.0	1.3	1.0	1.1	1.0	2.1	1.9	2.4	1.8
C.V. (%)		13.0	11.4	11.7	9.0	10.5	8.4	10.1	10.6	22.2	21.0	24.8	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 2B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2019 DATA

NAME		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/										QUALITY RATINGS DURING RECOVERY		
		8/1	8/8	8/22	8/29	QUALITY RATINGS DURING DRY DOWN				10/1	??<>??	11/4	12/3	MEAN
						9/5	9/12	9/19	9/26					
DLFPS 321/3678	TF	3.7	3.3	3.7	3.3	3.7	3.0	3.0	3.0	3.3	4.0	5.3	7.0	5.2
GO-AOMK	TF	3.7	4.0	3.3	3.3	3.3	3.3	3.3	3.3	4.0	4.7	5.0	7.3	5.2
MRSL TF15	TF	3.7	3.7	3.3	3.3	3.7	3.0	3.0	3.0	3.3	4.3	5.3	7.3	5.2
RS4	TF	4.0	4.3	3.3	3.7	4.0	4.0	3.3	3.3	4.3	4.3	4.3	6.7	5.2
SUPERSONIC	TF	4.3	3.7	3.3	3.0	3.3	3.3	3.3	3.3	4.0	4.0	4.7	7.0	5.2
BARROBUSTO	TF	4.3	3.7	3.7	3.3	3.3	3.0	3.3	3.3	4.0	4.3	5.0	7.0	5.1
LTP-SYN-A3	TF	3.3	4.0	3.3	3.3	4.0	3.3	3.3	3.3	4.0	4.0	5.3	6.7	5.1
BAR FA 121095	TF	3.7	3.7	3.7	3.7	3.7	3.3	3.0	3.0	3.7	4.3	5.3	7.0	5.0
DLFPS 321/3679	TF	3.7	3.3	3.3	3.0	3.3	3.3	3.0	3.0	3.7	4.0	5.0	7.0	5.0
TITANIUM 2LS	TF	3.3	3.3	3.0	3.3	3.7	3.7	3.0	3.3	3.7	3.7	4.7	7.0	5.0
KINGDOM	TF	3.3	2.7	3.0	3.3	3.3	3.3	3.0	3.0	3.0	3.7	4.7	7.0	4.9
STETSON II	TF	3.7	3.7	3.3	3.0	3.7	3.3	2.7	2.7	3.3	3.0	4.7	6.7	4.9
THOR	TF	3.3	3.0	3.0	3.0	3.7	3.3	3.0	3.0	3.3	3.3	4.0	6.7	4.9
THUNDERSTRUCK	TF	3.3	3.3	3.3	3.3	3.7	3.3	3.0	3.0	3.0	3.7	4.3	6.3	4.9
DLFPS 321/3677	TF	3.7	3.0	3.0	3.0	3.0	3.3	3.0	3.0	3.0	4.0	4.7	6.3	4.8
NONET	TF	3.3	3.0	3.0	3.0	3.3	3.3	3.0	3.0	3.0	3.7	4.3	6.7	4.8
PST-R511	TF	3.3	3.3	3.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.7	6.3	4.8
CATALYST	TF	3.7	3.0	3.0	3.0	3.3	3.0	3.0	3.0	3.0	3.0	4.0	6.3	4.7
PST-5SDS	TF	3.7	3.3	3.0	3.0	3.0	3.0	3.0	3.0	3.3	3.7	3.7	6.0	4.6
PST-K13-141	KB	3.3	3.3	3.0	3.0	3.3	3.3	2.7	2.7	2.7	3.0	3.7	5.0	4.5
MIDNIGHT	KB	3.3	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.3	3.0	3.7	5.3	4.4
BAR PP 110358	KB	3.0	3.3	3.0	3.0	3.3	3.0	2.3	2.3	3.0	3.0	3.3	5.7	4.3
DAUNTLESS	KB	3.3	3.0	3.0	3.3	3.0	3.0	2.3	2.3	3.0	3.0	3.7	5.3	4.3
BLUE DEVIL	KB	3.3	3.3	3.0	3.0	3.3	3.0	2.0	2.0	2.7	3.0	3.7	5.3	4.2
BLUE NOTE	KB	3.0	3.0	3.0	3.0	3.0	2.7	2.3	2.3	2.7	2.7	3.7	5.0	4.2
EVEREST	KB	3.0	2.7	3.3	3.3	3.3	2.7	2.3	2.3	2.3	2.7	3.3	4.0	4.2
PST-K11-118	KB	3.3	3.0	3.0	3.0	3.0	3.0	2.3	2.3	2.3	2.7	3.3	4.7	4.2
PST-K13-143	KB	3.3	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	3.0	3.3	4.7	4.2
BABE	KB	3.3	2.7	3.0	3.7	3.7	3.0	2.3	2.3	2.7	2.7	3.7	4.7	4.1
BARRARI	KB	3.0	3.3	3.0	3.0	3.0	2.7	2.3	2.3	2.3	2.7	3.3	5.3	4.1
NAI-13-14	KB	3.3	3.0	3.0	3.0	3.0	2.7	2.3	2.3	3.0	3.0	4.0	5.3	4.1
SR 4650 (P.RYEGRASS STANDARD ENTRY)		3.0	3.0	3.0	3.0	3.7	3.0	2.7	2.7	3.0	3.3	4.3	6.3	4.1
PST-K13-137	KB	3.3	3.0	3.3	3.0	3.0	3.0	2.3	2.3	2.3	2.7	3.7	4.7	3.9
PST-K15-169	KB	3.0	3.0	3.0	3.0	3.0	2.7	2.0	2.0	2.0	2.3	3.0	4.0	3.9
NAI-13-132	KB	3.0	3.0	3.0	3.0	3.3	2.7	2.3	2.3	2.3	2.7	3.0	4.3	3.8
LSD VALUE		2.5	1.0	1.1	1.1	1.0	0.9	0.7	0.7	0.8	0.8	1.7	1.0	0.5
C.V. (%)		19.0	14.6	11.4	11.3	12.7	12.9	14.8	15.0	15.8	15.2	20.0	10.9	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 2B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2019 DATA

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

NAME		PRE-DROUGHT PERCENT COVER					PERCENT GREEN COVER DURING DRY DOWN					
		2/22	3/28	4/16	5/29	6/5	6/13	6/20	6/27	7/4	7/11	7/18
DLFPS 321/3678	TF	58.3	94.7	95.0	96.0	94.3	95.0	93.0	91.3	85.0	64.3	49.7
GO-AOMK	TF	53.7	92.0	93.0	95.3	93.3	93.0	90.3	88.3	83.3	67.3	55.0
MRSL TF15	TF	52.7	89.3	93.3	96.3	95.3	93.3	91.7	90.0	82.3	66.0	49.7
RS4	TF	43.3	89.3	92.3	98.0	97.0	96.0	93.7	90.3	78.7	65.7	48.3
SUPERSONIC	TF	47.7	90.3	94.3	97.3	95.7	95.0	92.7	91.7	82.7	68.7	55.3
BARROBUSTO	TF	49.7	86.0	92.3	96.7	95.0	93.0	91.7	90.3	85.7	74.0	61.3
LTP-SYN-A3	TF	56.0	90.3	95.3	97.0	95.0	95.0	92.3	90.7	79.7	62.3	43.3
BAR FA 121095	TF	55.7	92.7	93.3	96.0	94.7	94.0	90.3	88.3	65.0	54.7	41.7
DLFPS 321/3679	TF	55.0	92.3	94.7	97.3	95.7	96.0	93.3	91.7	73.7	58.0	45.3
TITANIUM 2LS	TF	54.3	91.7	94.0	98.3	97.0	95.0	93.0	91.3	78.3	61.0	45.0
KINGDOM	TF	61.7	91.3	94.0	97.0	95.0	93.3	90.7	87.7	63.3	54.3	38.7
STETSON II	TF	64.0	92.0	93.3	97.0	94.7	93.7	91.3	90.3	81.3	67.0	50.7
THOR	TF	52.3	93.3	94.7	96.3	95.3	94.0	92.3	90.3	72.7	59.0	46.3
THUNDERSTRUCK	TF	53.7	88.0	93.3	95.7	94.0	91.0	89.0	87.0	78.0	60.3	47.0
DLFPS 321/3677	TF	48.0	86.3	92.0	97.0	95.0	93.7	91.7	90.0	80.7	64.0	51.0
NONET	TF	56.3	90.0	92.0	95.7	93.7	92.3	89.0	87.0	71.0	54.3	41.3
PST-R511	TF	47.3	83.0	90.7	97.0	95.7	95.3	93.0	92.0	85.7	71.0	50.3
CATALYST	TF	53.7	91.7	91.3	95.3	94.7	93.3	89.7	87.7	65.3	50.0	34.7
PST-5SDS	TF	49.0	87.0	90.3	96.7	94.3	94.0	88.7	86.0	70.7	51.0	35.7
PST-K13-141	KB	75.0	92.0	93.0	96.3	95.0	91.3	88.7	87.3	64.3	55.0	37.7
MIDNIGHT	KB	72.0	93.3	93.3	95.0	94.0	89.7	85.3	84.3	66.3	56.0	47.0
BAR PP 110358	KB	80.7	94.3	92.0	92.7	90.3	76.3	72.7	75.0	52.7	44.7	26.7
DAUNTLESS	KB	76.7	93.0	91.7	94.0	91.0	83.3	76.7	73.3	55.7	46.7	36.3
BLUE DEVIL	KB	72.3	86.3	88.0	95.0	93.7	89.7	85.7	85.3	69.0	56.7	41.0
BLUE NOTE	KB	74.0	90.7	92.7	96.7	94.7	91.7	83.3	82.0	61.3	53.3	31.3
EVEREST	KB	69.7	87.3	90.3	93.7	93.7	88.0	83.7	83.0	60.3	51.3	38.3
PST-K11-118	KB	75.7	93.0	93.7	97.0	94.7	83.3	73.7	72.7	52.0	51.0	40.3
PST-K13-143	KB	65.3	85.3	89.3	95.7	95.0	91.0	85.7	82.3	70.3	59.0	43.0
BABE	KB	75.0	83.7	87.3	93.7	91.0	82.7	72.7	74.0	57.7	51.0	36.3
BARRARI	KB	74.0	92.3	93.0	96.7	94.0	85.7	80.3	76.7	50.7	42.0	29.0
NAI-13-14	KB	67.7	87.0	88.0	91.0	91.0	85.0	80.3	81.7	56.0	50.3	39.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		59.3	87.3	91.3	92.3	93.0	90.0	86.3	83.0	62.3	50.0	35.7
PST-K13-137	KB	65.3	70.0	78.7	94.3	94.0	91.0	88.3	85.7	71.3	58.7	41.7
PST-K15-169	KB	80.7	91.7	90.3	96.0	94.0	83.7	69.0	66.7	40.0	35.0	25.0
NAI-13-132	KB	69.3	77.7	79.3	94.3	92.7	86.3	78.7	81.7	55.3	53.0	46.3
LSD VALUE		9.9	9.1	5.3	5.5	4.3	9.6	11.6	11.8	32.3	55.1	46.1
C.V. (%)		10.4	5.6	3.5	2.3	2.1	5.6	7.6	7.7	21.5	27.2	32.8

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 2B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN									PERCENT COVER DURING RECOVERY	
		7/25	8/1	8/15	8/22	8/29	9/5	9/19	9/26	10/1	11/4	12/3
DLFPS 321/3678	TF	44.3	28.0	23.3	19.7	26.7	21.0	34.7	3.3	56.0	88.3	86.0
GO-AOMK	TF	52.7	29.7	20.7	16.3	24.7	26.0	38.7	2.7	60.0	85.7	89.3
MRSL TF15	TF	48.0	29.3	23.3	19.0	26.0	25.0	35.3	3.7	56.7	86.7	89.3
RS4	TF	46.7	29.0	26.3	23.0	36.7	36.3	50.7	3.0	67.0	77.0	88.0
SUPERSONIC	TF	54.0	30.7	21.7	19.0	26.7	23.3	43.7	3.3	66.0	86.0	88.0
BARROBUSTO	TF	59.3	35.0	22.0	23.7	35.3	31.3	42.3	3.0	64.0	81.3	86.0
LTP-SYN-A3	TF	42.3	27.3	28.3	24.0	31.3	30.7	44.0	3.3	66.3	86.7	89.0
BAR FA 121095	TF	39.3	22.0	24.0	23.7	33.0	29.7	38.3	3.3	57.7	81.7	88.3
DLFPS 321/3679	TF	42.7	23.3	18.3	18.3	25.7	20.7	38.3	3.3	56.0	85.7	90.0
TITANIUM 2LS	TF	44.0	20.3	20.3	17.0	28.7	27.7	35.7	3.0	58.0	80.3	89.0
KINGDOM	TF	34.7	16.7	19.0	15.7	20.3	18.7	24.7	3.0	43.3	78.7	87.0
STETSON II	TF	44.0	28.0	19.0	14.7	21.7	21.7	27.7	2.3	47.3	82.3	88.3
THOR	TF	41.7	21.3	24.3	20.0	26.0	24.0	35.7	3.7	55.7	81.7	85.7
THUNDERSTRUCK	TF	44.0	19.7	20.7	15.0	22.0	20.0	26.7	3.0	47.0	77.0	87.3
DLFPS 321/3677	TF	46.3	27.0	20.7	17.7	27.7	22.3	35.7	4.3	53.0	81.0	86.7
NONET	TF	37.7	19.3	20.0	18.3	23.7	17.3	28.7	3.0	46.0	70.7	89.0
PST-R511	TF	41.3	20.7	15.7	11.7	15.3	15.0	23.7	3.0	46.7	80.3	89.7
CATALYST	TF	36.0	18.7	16.0	12.3	18.7	15.3	22.7	3.0	39.7	74.3	87.7
PST-5SDS	TF	36.0	19.3	18.3	15.0	21.7	19.3	29.0	3.3	47.7	70.3	85.3
PST-K13-141	KB	37.3	23.3	17.7	15.3	20.7	17.0	18.0	4.0	36.0	72.7	89.0
MIDNIGHT	KB	45.0	23.0	15.3	12.7	15.0	10.7	11.7	3.0	26.0	70.3	84.3
BAR PP 110358	KB	27.0	15.7	13.0	11.3	16.3	13.7	17.0	2.3	32.3	70.0	88.3
DAUNTLESS	KB	37.0	21.0	14.7	10.3	14.7	12.3	16.7	2.7	32.3	70.3	86.7
BLUE DEVIL	KB	40.7	23.3	16.7	15.0	20.3	15.3	13.3	3.0	27.3	73.3	88.0
BLUE NOTE	KB	32.0	16.3	14.0	11.0	13.7	10.7	11.3	2.0	25.3	64.7	82.7
EVEREST	KB	38.3	24.0	17.3	15.7	20.3	14.7	14.7	3.3	27.0	57.3	79.7
PST-K11-118	KB	40.3	22.0	18.0	14.0	16.3	11.0	11.7	2.3	21.3	58.0	80.0
PST-K13-143	KB	42.0	24.7	22.0	16.7	21.0	15.0	12.7	3.0	21.3	60.3	80.7
BABE	KB	39.0	26.3	19.7	17.0	22.0	16.0	13.7	2.3	22.3	52.0	81.7
BARRARI	KB	25.0	12.0	8.7	7.7	10.0	7.0	9.7	2.0	22.7	57.7	84.0
NAI-13-14	KB	37.3	21.3	22.0	20.0	27.0	19.3	25.3	3.0	39.7	74.0	80.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		35.3	18.3	18.3	15.3	22.0	21.0	30.3	3.0	54.3	85.0	87.3
PST-K13-137	KB	42.3	26.7	18.7	17.3	20.7	14.0	14.7	3.3	26.7	64.3	85.3
PST-K15-169	KB	28.7	16.0	10.7	7.3	9.3	7.0	5.7	2.0	11.7	43.3	78.3
NAI-13-132	KB	45.0	28.0	20.3	16.7	19.7	13.0	13.3	2.7	22.7	55.7	83.0
LSD VALUE		45.4	31.8	22.5	13.0	11.9	9.3	10.8	2.3	13.5	27.9	13.4
C.V. (%)		31.4	39.3	36.3	34.1	29.3	29.9	27.5	26.9	20.9	18.5	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 2C.

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2019 DATA

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

NAME		PRE-DROUGHT QUALITY					QUALITY RATINGS DURING DRY DOWN					7/11	7/18	7/25
		2/22	3/28	4/16	5/29	6/5	6/13	6/20	6/27	7/4				
DLFPS 321/3679	TF	4.3	7.0	7.0	7.7	7.7	7.3	8.0	7.3	8.3	7.0	6.3	7.0	
SUPERSONIC	TF	4.0	7.0	7.0	7.7	7.7	7.7	8.0	8.0	7.3	7.0	6.3	7.0	
GO-AOMK	TF	4.3	7.7	7.7	7.7	7.7	7.3	6.7	7.7	7.0	7.3	6.0	6.7	
DLFPS 321/3678	TF	5.0	7.0	7.0	7.7	7.3	7.0	7.3	7.0	7.7	6.7	6.0	6.0	
BAR FA 121095	TF	3.7	6.0	6.3	7.0	7.3	7.0	7.0	7.3	7.3	6.0	6.3	7.0	
BARROBUSTO	TF	3.7	6.3	6.7	7.7	7.3	7.0	7.0	7.0	6.7	6.0	6.0	5.7	
MRSL TF15	TF	4.3	6.3	6.3	7.7	7.0	7.0	7.7	7.3	7.0	6.7	6.3	6.3	
TITANIUM 2LS	TF	4.3	6.7	6.3	7.7	7.7	7.0	8.0	7.3	7.3	6.3	5.7	6.7	
LTP-SYN-A3	TF	4.3	7.0	7.3	7.3	7.0	7.0	7.7	7.7	7.3	6.7	5.7	6.0	
NONET	TF	4.3	6.7	6.7	7.3	6.7	6.7	7.3	7.3	6.3	6.3	5.3	6.0	
PST-R511	TF	3.0	5.3	5.3	7.3	7.0	6.3	7.0	6.7	6.7	6.7	6.0	6.7	
RS4	TF	3.7	6.7	6.7	7.0	7.3	7.7	8.0	7.3	6.0	6.3	5.3	6.0	
THUNDERSTRUCK	TF	4.3	7.3	7.0	7.3	7.7	7.0	7.3	7.3	6.7	6.0	5.7	6.7	
DLFPS 321/3677	TF	3.7	6.7	6.3	7.0	7.0	6.7	7.0	6.7	6.3	6.0	5.7	5.7	
STETSON II	TF	3.7	6.3	6.3	7.0	7.0	7.0	7.3	7.0	7.0	7.0	5.7	5.7	
PST-5SDS	TF	3.3	6.0	6.3	7.0	7.0	6.7	7.0	6.3	6.3	6.0	6.0	6.0	
THOR	TF	4.0	7.3	7.3	7.0	7.0	7.0	7.3	7.3	7.0	6.3	5.7	6.3	
CATALYST	TF	3.7	6.3	5.7	7.7	7.0	6.7	7.0	6.7	6.7	6.7	5.7	6.0	
KINGDOM	TF	4.0	6.7	6.7	7.0	7.3	6.7	7.0	6.7	6.3	6.3	5.3	5.7	
BLUE NOTE	KB	4.0	5.3	5.3	7.3	6.7	6.7	7.3	6.0	6.7	6.3	5.0	5.0	
MIDNIGHT	KB	4.7	6.0	5.7	6.7	6.7	6.7	6.3	6.3	5.3	5.0	4.7	4.7	
PST-K11-118	KB	5.0	6.7	6.0	7.0	6.3	6.7	6.7	6.0	5.3	5.7	5.0	5.0	
PST-K15-169	KB	4.7	5.7	5.3	6.7	6.7	7.0	6.7	6.7	5.7	6.3	5.7	5.0	
EVEREST	KB	4.3	5.7	5.0	7.0	7.0	7.0	6.3	5.7	5.3	5.3	5.0	4.7	
PST-K13-137	KB	4.0	4.7	4.7	6.3	6.0	7.0	6.7	6.3	5.7	6.0	5.3	4.7	
BARRARI	KB	5.0	6.3	6.0	6.3	6.7	6.7	6.3	5.3	4.7	5.7	5.0	4.7	
BLUE DEVIL	KB	4.3	5.3	5.3	6.3	6.3	6.7	6.3	5.7	5.3	5.0	5.0	4.7	
PST-K13-141	KB	5.3	6.3	6.3	6.7	6.0	6.3	6.0	5.7	4.7	5.0	4.7	4.7	
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.3	5.3	5.3	5.3	5.3	6.0	5.7	5.3	4.7	5.3	4.7	5.0	
BABE	KB	4.0	5.3	5.0	6.3	6.3	7.0	5.7	5.7	4.7	4.7	4.7	5.0	
DAUNTLESS	KB	4.7	5.7	5.3	6.3	6.3	6.3	6.0	6.0	5.0	5.7	4.7	5.0	
NAI-13-132	KB	4.3	5.7	4.7	7.0	6.3	7.0	6.3	5.3	4.7	5.0	4.3	4.3	
PST-K13-143	KB	5.0	5.7	5.7	6.0	6.0	6.3	6.3	5.7	5.0	5.3	4.7	4.7	
NAI-13-14	KB	4.7	5.0	4.7	5.7	5.7	5.7	5.0	4.7	4.3	4.7	3.7	4.0	
BAR PP 110358	KB	5.3	6.3	5.7	5.3	4.7	4.7	4.3	4.3	4.0	4.3	3.3	3.0	
LSD VALUE		1.3	1.4	1.1	1.3	1.4	1.3	1.4	1.6	2.1	1.6	1.4	1.6	
C.V. (%)		15.0	12.1	11.3	9.9	10.8	9.6	11.7	13.5	19.0	13.9	14.2	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 2C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN										QUALITY RATINGS DURING RECOVERY		
		8/1	8/8	8/22	8/29	9/5	9/12	9/19	9/26	10/1	??<>??	11/4	12/3	MEAN
DLFPS 321/3679	TF	6.7	5.7	4.3	4.0	4.7	4.3	5.3	5.7	6.0	6.7	7.0	8.0	6.4
SUPERSONIC	TF	6.0	5.0	4.7	4.3	5.3	4.3	6.0	6.3	6.0	7.0	7.0	8.0	6.4
GO-AOMK	TF	6.3	5.3	4.7	4.0	5.0	5.0	5.3	5.3	5.7	6.7	6.3	7.7	6.2
DLFPS 321/3678	TF	6.0	5.3	4.3	3.7	4.3	3.7	5.3	5.7	5.0	6.0	6.7	7.7	6.1
BAR FA 121095	TF	6.0	5.7	5.0	4.0	4.7	4.3	5.0	5.0	5.7	6.7	6.7	7.7	6.0
BARROBUSTO	TF	6.0	5.7	4.3	4.0	4.3	4.7	5.7	6.3	5.7	6.3	6.0	7.3	6.0
MRSL TF15	TF	6.0	5.0	4.3	3.7	4.3	4.0	5.3	5.3	5.0	6.0	6.7	7.7	6.0
TITANIUM 2LS	TF	6.3	4.3	4.3	4.0	4.7	3.3	4.7	5.3	5.3	6.3	6.0	7.7	6.0
LTP-SYN-A3	TF	6.3	4.7	4.0	3.7	4.3	3.3	4.3	5.3	5.3	6.3	6.0	7.3	5.9
NONET	TF	5.0	4.3	4.3	4.0	4.7	3.7	5.0	5.3	5.0	6.0	6.3	7.7	5.8
PST-R511	TF	6.3	5.3	4.3	4.0	5.0	4.0	5.0	5.3	5.3	7.0	7.0	7.7	5.8
RS4	TF	5.7	4.7	4.7	4.0	4.7	4.3	4.7	5.3	5.0	5.7	5.0	7.3	5.8
THUNDERSTRUCK	TF	6.0	4.3	4.0	3.7	4.3	3.3	4.7	4.7	4.7	5.3	5.3	7.3	5.8
DLFPS 321/3677	TF	5.7	5.0	4.7	4.3	4.3	4.3	4.7	5.3	5.0	6.0	5.3	7.3	5.7
STETSON II	TF	5.7	5.3	4.0	3.7	3.7	3.3	4.7	5.0	5.0	6.0	5.7	8.0	5.7
PST-5SDS	TF	5.7	4.7	4.0	3.7	4.0	3.7	4.7	5.0	5.0	6.3	6.3	7.3	5.6
THOR	TF	5.7	4.0	4.0	3.3	3.7	3.3	3.7	4.0	4.7	5.7	5.3	7.3	5.6
CATALYST	TF	5.7	4.7	4.0	3.3	4.0	3.0	3.7	4.0	4.0	4.7	6.0	7.7	5.5
KINGDOM	TF	5.3	4.3	4.0	3.3	3.7	3.3	4.3	5.0	5.0	5.7	5.7	7.0	5.5
BLUE NOTE	KB	4.7	4.7	4.3	3.3	4.0	3.0	4.0	4.0	3.7	5.0	5.0	7.7	5.2
MIDNIGHT	KB	4.7	4.7	4.3	3.7	4.3	3.3	4.0	4.0	4.3	5.0	5.3	7.7	5.2
PST-K11-118	KB	4.3	3.7	4.0	3.0	4.0	3.3	4.0	4.0	4.0	4.3	4.7	7.0	5.1
PST-K15-169	KB	4.7	4.0	4.3	3.3	3.7	3.3	3.7	3.7	4.0	4.3	4.3	6.7	5.1
EVEREST	KB	4.3	4.0	4.0	3.3	4.0	3.3	3.7	3.7	4.0	4.3	4.7	6.7	5.0
PST-K13-137	KB	4.7	4.3	4.3	3.7	4.0	3.3	3.7	4.0	3.7	4.3	4.3	6.7	5.0
BARRARI	KB	4.3	3.7	4.0	3.0	3.7	3.0	3.7	3.7	4.3	4.3	4.7	7.0	4.9
BLUE DEVIL	KB	4.7	3.7	4.3	3.3	4.0	3.0	3.7	3.7	3.7	4.0	4.7	7.0	4.9
PST-K13-141	KB	4.7	3.7	3.7	3.0	4.3	3.3	3.3	3.3	4.0	4.3	4.3	6.7	4.9
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.7	4.3	3.7	3.7	4.0	3.3	4.3	4.3	4.3	5.3	5.7	7.7	4.9
BABE	KB	4.7	3.7	3.7	3.7	4.0	3.0	3.3	3.3	4.0	4.7	5.3	6.7	4.8
DAUNTLESS	KB	4.7	3.7	3.7	3.3	4.0	3.0	3.3	3.7	3.7	4.3	4.7	6.7	4.8
NAI-13-132	KB	4.3	3.7	4.0	3.7	4.0	3.3	3.7	3.7	3.7	4.0	4.3	6.7	4.8
PST-K13-143	KB	4.3	3.7	4.0	3.3	4.0	3.3	3.7	3.7	3.7	4.3	4.7	6.3	4.8
NAI-13-14	KB	4.0	3.3	3.3	3.0	3.3	2.7	3.0	3.0	3.0	3.7	4.0	6.0	4.2
BAR PP 110358	KB	3.3	3.0	2.7	2.7	3.0	2.7	2.3	2.7	2.7	3.3	4.3	5.3	3.9
LSD VALUE		1.6	2.4	1.9	1.6	2.1	2.1	1.5	1.7	1.4	1.3	1.0	1.6	0.7
C.V. (%)		16.5	22.3	15.8	16.2	17.5	22.9	19.6	20.9	17.8	15.4	12.0	10.2	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 2C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2019 DATA

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

NAME		PRE-DROUGHT PERCENT COVER					PERCENT GREEN COVER DURING DRY DOWN					
		2/22	3/28	4/16	5/29	6/5	6/13	6/20	6/27	7/4	7/11	7/18
DLFPS 321/3679	TF	52.0	91.0	91.0	97.7	95.7	95.0	94.7	94.7	94.7	88.7	88.0
SUPERSONIC	TF	46.3	87.7	88.3	98.3	96.7	95.7	94.3	93.3	92.0	84.3	85.7
GO-AOMK	TF	53.7	92.7	91.0	96.3	94.3	93.7	91.0	90.7	90.0	82.3	80.3
DLFPS 321/3678	TF	55.0	93.3	93.7	96.7	95.3	92.7	92.3	91.3	93.3	87.3	85.3
BAR FA 121095	TF	41.3	87.3	93.0	97.0	95.7	93.7	91.7	90.3	93.3	85.7	85.7
BARROBUSTO	TF	51.7	88.0	93.0	98.7	95.3	95.0	94.0	93.0	88.3	79.0	82.3
MRSL TF15	TF	50.7	88.7	91.0	96.7	95.3	94.0	92.7	92.3	91.7	84.3	79.0
TITANIUM 2LS	TF	53.0	90.0	91.0	98.0	97.0	95.7	95.0	94.0	93.3	83.7	78.0
LTP-SYN-A3	TF	51.0	89.7	91.0	96.7	95.3	93.3	91.0	91.3	91.3	85.7	82.3
NONET	TF	52.0	87.7	90.7	96.0	94.3	91.7	90.3	90.7	89.3	81.0	79.3
PST-R511	TF	35.3	76.0	88.3	97.7	97.3	92.7	91.0	92.3	92.0	88.0	68.7
RS4	TF	39.0	87.7	90.7	96.0	96.3	95.3	92.7	91.7	85.7	81.3	79.7
THUNDERSTRUCK	TF	45.7	88.3	91.0	95.3	95.3	93.7	90.0	89.7	86.3	81.7	83.0
DLFPS 321/3677	TF	40.7	84.7	88.3	97.0	96.0	94.3	92.0	91.3	85.0	79.3	82.0
STETSON II	TF	49.3	85.7	91.0	97.3	95.0	93.3	90.7	91.7	89.7	81.3	78.3
PST-5SDS	TF	43.7	81.0	89.0	97.0	95.3	93.0	89.0	89.7	91.0	85.7	83.0
THOR	TF	46.7	89.7	91.0	95.0	95.3	93.7	91.0	91.3	91.7	86.0	81.0
CATALYST	TF	41.3	78.3	88.7	96.7	95.3	91.3	89.3	90.3	92.0	85.0	84.0
KINGDOM	TF	50.7	86.7	89.3	95.7	95.3	92.7	90.3	89.3	86.7	81.0	79.0
BLUE NOTE	KB	62.7	87.7	91.3	98.0	97.0	94.7	91.7	91.7	87.3	82.0	75.0
MIDNIGHT	KB	66.3	87.0	89.7	95.7	94.3	90.7	88.0	89.0	80.3	75.7	73.7
PST-K11-118	KB	66.7	88.7	88.3	97.0	95.0	90.0	87.0	87.3	82.7	77.7	73.3
PST-K15-169	KB	64.3	82.3	81.0	96.3	97.0	94.7	90.7	90.3	87.0	83.0	77.3
EVEREST	KB	61.3	78.3	83.0	97.0	96.3	90.7	88.7	89.3	80.7	77.7	77.3
PST-K13-137	KB	57.7	72.0	79.0	95.0	93.7	93.0	89.3	90.3	84.0	81.3	76.0
BARRARI	KB	69.0	84.0	86.7	96.0	94.3	88.0	83.0	83.0	73.3	75.0	76.3
BLUE DEVIL	KB	61.0	82.0	87.0	96.0	94.7	90.3	85.7	85.3	74.0	73.3	71.0
PST-K13-141	KB	70.0	90.3	90.7	95.3	92.3	84.3	84.3	83.7	76.7	72.0	70.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		55.0	76.0	86.7	90.7	90.3	84.7	85.0	86.7	74.7	70.3	67.3
BABE	KB	62.0	83.3	87.3	94.7	93.3	88.3	83.7	85.0	76.0	73.7	70.3
DAUNTLESS	KB	66.3	85.0	86.3	96.0	93.0	86.0	77.7	80.0	72.0	68.7	66.7
NAI-13-132	KB	66.0	81.7	85.0	97.0	95.0	90.7	84.3	86.0	72.3	68.0	68.0
PST-K13-143	KB	67.0	83.7	87.3	93.3	92.7	85.7	82.3	84.7	77.7	74.0	66.0
NAI-13-14	KB	64.0	73.0	79.7	92.3	91.0	79.0	74.3	78.3	64.7	61.0	56.7
BAR PP 110358	KB	76.3	90.0	85.3	88.3	85.3	66.7	62.3	67.3	54.0	50.3	46.0
LSD VALUE		8.1	11.9	8.4	11.6	9.2	14.4	13.1	11.5	15.3	14.2	21.8
C.V. (%)		9.7	7.1	4.7	3.7	3.6	7.5	7.9	6.7	10.5	10.1	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 2C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2019 DATA

NAME		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/									PERCENT COVER DURING RECOVERY	
		7/25	8/1	8/15	8/22	8/29	9/5	9/19	9/26	10/1	11/4	12/3
DLFPS 321/3679	TF	89.3	79.3	58.7	50.7	65.7	58.0	80.3	4.0	84.0	89.0	89.3
SUPERSONIC	TF	86.3	72.0	62.7	59.3	73.3	67.7	88.3	3.7	85.3	89.3	89.0
GO-AOMK	TF	77.3	66.3	54.0	48.3	66.0	71.7	80.0	3.7	83.7	88.7	89.7
DLFPS 321/3678	TF	87.3	76.7	56.7	50.0	64.3	70.0	74.0	3.3	81.0	89.7	89.3
BAR FA 121095	TF	88.3	78.7	62.7	56.0	69.7	65.0	79.3	3.3	83.7	87.7	87.7
BARROBUSTO	TF	82.3	71.3	52.0	47.7	64.3	49.0	78.0	3.3	82.7	86.7	88.3
MRSL TF15	TF	79.3	67.7	56.7	49.3	62.3	58.7	78.3	3.7	83.3	89.7	90.3
TITANIUM 2LS	TF	82.0	71.3	54.3	45.7	58.0	60.0	73.0	5.3	82.3	88.3	88.0
LTP-SYN-A3	TF	81.3	70.7	53.7	47.3	59.0	54.0	72.0	3.3	84.0	88.3	89.3
NONET	TF	73.3	59.0	52.3	45.3	58.0	65.7	76.3	4.3	82.3	84.0	88.7
PST-R511	TF	86.3	74.7	65.7	59.3	71.3	66.7	87.3	3.7	85.7	90.0	88.7
RS4	TF	73.3	56.7	57.7	47.0	59.0	57.0	74.3	4.3	81.7	80.0	87.7
THUNDERSTRUCK	TF	78.7	62.3	43.7	34.3	48.0	50.7	63.7	3.0	77.3	79.7	90.0
DLFPS 321/3677	TF	73.3	57.0	45.7	44.7	63.7	69.0	73.0	4.0	81.3	79.7	89.3
STETSON II	TF	77.3	68.0	45.7	41.3	54.3	66.7	68.0	4.0	78.3	86.0	87.0
PST-5SDS	TF	81.7	66.3	56.0	47.3	58.7	70.3	75.3	3.3	81.0	87.0	88.0
THOR	TF	78.3	64.7	40.0	32.0	44.0	61.7	66.0	3.7	78.7	80.0	88.0
CATALYST	TF	80.0	65.0	46.0	39.0	47.3	60.3	62.7	3.7	75.3	85.3	89.3
KINGDOM	TF	75.7	61.7	42.7	39.0	50.3	65.3	69.0	3.7	80.0	86.7	89.0
BLUE NOTE	KB	74.0	58.7	45.7	40.3	53.3	50.0	59.0	3.7	73.7	87.0	87.7
MIDNIGHT	KB	73.3	63.7	47.7	44.0	59.7	57.7	63.7	4.3	76.3	87.0	88.7
PST-K11-118	KB	72.3	54.3	43.7	40.0	56.7	51.7	59.7	4.3	72.7	82.0	86.0
PST-K15-169	KB	73.0	54.3	39.3	36.7	52.7	54.3	59.7	3.3	73.7	78.3	88.3
EVEREST	KB	72.7	55.7	40.7	35.0	47.3	50.0	61.7	4.3	72.0	79.0	88.0
PST-K13-137	KB	75.3	54.3	44.3	37.3	52.7	44.7	63.7	4.3	73.3	77.3	88.7
BARRARI	KB	69.0	49.3	41.0	34.7	43.7	47.0	56.7	4.3	73.0	80.0	87.7
BLUE DEVIL	KB	64.7	50.3	36.3	32.3	44.7	55.7	57.0	3.7	74.7	86.0	87.3
PST-K13-141	KB	69.0	59.7	48.0	40.3	57.3	47.3	61.0	5.0	77.7	83.7	89.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		69.3	60.3	46.7	40.0	53.7	53.3	63.0	3.7	78.0	86.3	88.3
BABE	KB	66.0	55.0	41.7	39.3	49.7	34.7	51.7	2.3	73.7	84.3	87.0
DAUNTLESS	KB	65.7	47.3	39.3	30.3	41.0	35.7	50.0	2.7	64.7	79.7	86.0
NAI-13-132	KB	65.0	54.0	44.7	41.3	52.7	50.3	53.3	5.0	68.0	81.0	87.3
PST-K13-143	KB	63.3	49.7	36.3	32.3	45.7	49.0	52.3	3.7	67.7	80.3	89.3
NAI-13-14	KB	54.3	43.3	39.3	33.7	44.3	40.0	45.0	4.0	58.3	77.3	87.3
BAR PP 110358	KB	42.7	35.0	25.0	24.0	33.0	38.3	28.7	4.0	41.0	70.0	75.3
LSD VALUE		18.5	33.1	40.1	42.2	35.8	39.8	28.1	3.0	18.3	23.7	8.9
C.V. (%)		13.5	22.6	28.8	31.9	24.5	26.7	21.6	25.9	12.6	9.1	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 3A.

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2019 DATA

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

NAME		PRE-DROUGHT QUALITY					QUALITY RATINGS DURING DRY DOWN						
		2/22	3/28	4/16	5/29	6/5	6/13	6/20	6/27	7/4	7/11	7/18	7/25
MIDNIGHT	KB	5.0	5.7	5.3	6.0	5.0	6.0	5.7	4.3	3.7	3.7	3.3	3.0
BLUE NOTE	KB	5.0	6.0	5.7	6.0	6.3	6.0	5.7	4.7	4.0	3.3	3.3	2.3
PST-K11-118	KB	5.7	7.3	6.7	6.3	5.7	5.7	5.0	4.0	3.0	2.7	2.3	2.3
PST-K13-141	KB	5.7	6.3	6.3	6.3	5.7	5.3	4.7	4.0	3.3	3.0	3.0	2.7
BABE	KB	6.0	6.0	6.0	5.3	5.3	6.0	5.3	4.3	3.0	2.7	2.7	2.0
BARRARI	KB	5.3	6.7	6.3	6.3	5.7	5.7	5.3	4.0	3.3	2.7	2.7	2.0
DAUNTLESS	KB	5.0	7.0	6.7	5.3	5.3	5.0	5.0	4.0	3.0	2.7	2.7	2.3
PST-K13-143	KB	5.0	6.7	6.7	6.0	5.0	5.7	5.0	4.0	3.7	3.3	3.0	2.3
BLUE DEVIL	KB	5.3	6.7	6.0	5.7	5.0	5.3	5.3	4.0	3.0	3.0	2.3	2.0
PST-K15-169	KB	4.7	5.3	5.0	6.3	6.0	5.3	4.7	4.0	3.3	3.0	3.0	2.7
EVEREST	KB	5.3	5.3	5.0	5.7	4.7	5.0	4.7	4.0	3.0	2.7	2.7	2.3
PST-K13-137	KB	5.0	6.3	5.3	5.7	4.7	5.0	5.0	3.7	3.0	2.7	2.3	2.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.3	5.0	5.0	4.3	4.0	5.3	4.0	3.0	3.0	2.7	2.7	2.0
NAI-13-132	KB	5.3	5.3	5.0	6.0	5.3	5.3	4.7	4.0	3.0	2.0	2.3	2.0
NAI-13-14	KB	5.3	6.7	5.3	5.7	5.0	4.7	4.0	3.3	2.7	2.3	2.3	2.0
BAR PP 110358	KB	4.7	6.3	6.0	5.3	5.0	4.3	3.7	3.0	2.7	2.3	2.0	2.3
LSD VALUE		2.4	3.3	2.1	1.3	2.2	3.8	3.7	3.2	3.2	2.6	2.4	1.3
C.V. (%)		15.6	18.9	15.1	10.9	16.2	21.2	24.7	25.7	29.7	30.6	28.9	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 3A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2019 DATA

NAME		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/										QUALITY RATINGS DURING RECOVERY		
		8/1	8/8	8/22	QUALITY RATINGS DURING DRY DOWN				10/1	?><>?>	11/4	12/3	MEAN	
					8/29	9/5	9/12	9/19	9/26					
MIDNIGHT	KB	3.0	2.0	2.3	2.7	2.7	2.0	1.7	1.7	1.7	2.3	3.0	4.7	3.7
BLUE NOTE	KB	2.3	2.0	2.0	2.3	2.3	1.7	1.7	1.7	2.0	2.3	3.0	4.0	3.6
PST-K11-118	KB	2.7	2.0	2.3	2.0	2.3	1.7	1.7	1.7	2.0	2.0	2.3	3.7	3.5
PST-K13-141	KB	2.7	2.0	2.0	2.0	2.3	1.7	1.7	1.7	1.7	2.3	2.7	3.3	3.5
BABE	KB	2.7	2.0	2.0	2.0	2.0	1.7	1.3	1.3	1.7	1.7	2.7	3.7	3.4
BARRARI	KB	2.0	2.0	2.3	1.7	2.3	1.7	1.7	1.7	1.7	1.7	2.3	2.7	3.4
DAUNTLESS	KB	2.7	2.0	2.0	1.7	2.0	2.0	2.0	2.0	1.3	1.7	2.7	3.0	3.4
PST-K13-143	KB	2.7	2.0	2.3	1.7	2.0	1.7	1.7	1.7	1.3	1.7	2.0	3.0	3.4
BLUE DEVIL	KB	2.3	2.0	2.0	2.0	2.0	1.7	2.0	2.0	2.0	2.0	2.3	2.7	3.3
PST-K15-169	KB	2.3	2.0	2.3	2.0	2.0	1.7	1.7	1.7	1.7	2.0	2.0	3.3	3.3
EVEREST	KB	2.3	2.0	2.3	2.3	2.0	2.0	1.3	1.3	1.7	2.0	2.3	3.0	3.2
PST-K13-137	KB	2.7	2.0	2.0	2.0	2.0	1.7	1.7	1.7	1.7	2.0	2.0	3.3	3.2
SR 4650 (P.RYEGRASS STANDARD ENTRY)		3.0	2.0	2.3	2.3	2.3	1.7	2.0	2.0	2.0	2.7	3.3	4.7	3.2
NAI-13-132	KB	2.0	2.0	2.0	2.0	2.0	1.7	1.3	1.3	1.3	2.0	2.0	2.3	3.1
NAI-13-14	KB	2.0	2.0	2.3	1.7	2.3	1.7	1.7	1.7	1.7	1.7	2.3	3.0	3.1
BAR PP 110358	KB	2.0	1.7	2.0	1.7	2.3	1.3	1.7	1.7	1.7	1.3	2.3	2.7	3.0
LSD VALUE		1.4	0.4	1.3	1.1	1.0	1.6	1.6	1.6	1.3	1.3	2.7	2.9	1.5
C.V. (%)		21.5	7.3	18.0	21.7	16.1	27.2	28.7	28.7	25.1	25.7	34.3	32.7	13.3

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

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

TABLE 3A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2019 DATA

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

NAME		PRE-DROUGHT PERCENT COVER					PERCENT GREEN COVER DURING DRY DOWN					
		2/22	3/28	4/16	5/29	6/5	6/13	6/20	6/27	7/4	7/11	7/18
MIDNIGHT	KB	70.0	88.3	85.7	92.0	89.7	81.3	71.0	66.3	39.7	32.3	27.3
BLUE NOTE	KB	76.0	83.0	86.0	95.0	92.3	84.3	72.3	64.3	38.0	31.7	21.3
PST-K11-118	KB	77.7	95.3	94.0	93.0	88.7	75.3	60.3	54.0	25.3	20.0	15.7
PST-K13-141	KB	76.3	92.7	91.0	95.0	92.7	76.0	61.3	60.7	34.3	29.3	23.7
BABE	KB	72.3	84.3	81.0	89.0	87.7	77.3	64.7	57.7	27.3	19.7	16.3
BARRARI	KB	72.0	87.7	87.0	93.7	90.3	77.7	63.7	53.3	22.7	17.7	14.0
DAUNTLESS	KB	76.0	92.7	90.3	91.7	86.7	71.3	54.0	47.3	26.3	22.7	18.0
PST-K13-143	KB	73.0	90.7	89.7	91.0	88.0	78.0	63.3	55.3	26.3	22.3	18.7
BLUE DEVIL	KB	67.7	86.0	86.3	89.7	87.7	79.3	63.7	58.0	27.0	22.0	18.0
PST-K15-169	KB	71.7	81.3	83.0	93.3	93.3	80.3	67.7	65.3	33.7	28.3	22.7
EVEREST	KB	70.0	78.3	81.7	90.7	88.0	72.0	56.0	54.3	25.0	24.3	18.7
PST-K13-137	KB	73.0	88.0	88.3	87.3	87.7	76.3	65.3	58.7	29.3	24.7	18.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		67.0	87.0	87.7	83.3	82.0	65.7	60.7	52.0	26.7	22.3	16.7
NAI-13-132	KB	69.0	82.0	77.7	89.0	86.7	76.0	61.7	56.7	19.0	15.3	14.3
NAI-13-14	KB	70.3	87.0	86.0	89.0	86.3	70.3	51.3	45.3	13.7	9.7	8.3
BAR PP 110358	KB	77.0	93.0	87.3	87.7	85.3	63.7	52.0	48.3	20.7	14.7	10.7
LSD VALUE		8.2	25.1	30.5	11.8	14.1	39.1	58.6	59.3	50.3	39.9	33.0
C.V. (%)		5.4	9.9	10.8	5.1	5.7	16.1	27.3	30.4	56.7	57.4	58.3

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 KENTUCKY BLUEGRASS CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN									PERCENT COVER DURING RECOVERY	
		7/25	8/1	8/15	8/22	8/29	9/5	9/19	9/26	10/1	11/4	12/3
MIDNIGHT	KB	25.7	11.0	4.3	3.0	5.3	5.0	5.7	2.0	11.0	48.0	57.0
BLUE NOTE	KB	15.7	5.7	2.3	1.7	2.7	2.3	2.7	0.7	7.3	36.7	48.3
PST-K11-118	KB	13.0	5.3	2.0	1.7	3.0	1.7	3.7	1.7	6.0	25.0	55.7
PST-K13-141	KB	17.3	7.0	1.7	1.7	3.0	2.7	2.3	0.7	6.3	28.3	53.0
BABE	KB	14.3	6.7	2.7	1.7	2.3	2.0	1.0	1.3	3.0	23.3	49.7
BARRARI	KB	10.0	3.7	1.3	1.3	1.7	2.7	3.0	1.0	6.3	20.3	52.7
DAUNTLESS	KB	14.7	6.3	1.3	1.0	1.7	1.0	1.0	1.0	3.0	21.0	40.0
PST-K13-143	KB	12.3	4.0	2.0	1.7	2.3	3.7	2.3	2.0	3.7	12.0	30.0
BLUE DEVIL	KB	13.7	4.7	1.3	1.0	1.3	1.3	1.0	1.3	2.3	19.0	36.7
PST-K15-169	KB	16.7	6.0	2.7	2.3	3.3	3.0	2.0	2.0	3.7	15.3	45.0
EVEREST	KB	15.0	7.7	2.0	2.0	2.7	2.7	2.7	1.3	4.3	16.7	38.0
PST-K13-137	KB	14.7	6.3	2.3	1.0	2.0	1.0	1.7	1.7	2.7	15.7	31.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		12.7	8.0	4.3	3.3	6.0	8.0	5.3	3.0	12.0	44.7	82.0
NAI-13-132	KB	11.0	4.0	2.0	1.0	1.7	1.7	0.7	0.7	1.7	5.0	28.3
NAI-13-14	KB	6.3	2.3	1.3	1.0	2.0	2.0	2.7	1.3	4.7	13.7	38.7
BAR PP 110358	KB	8.7	4.3	2.0	1.3	2.0	1.3	1.3	1.3	1.7	8.7	38.7
LSD VALUE		23.5	9.8	2.7	2.6	4.1	3.3	4.8	1.7	10.0	61.9	67.6
C.V. (%)		57.4	60.4	53.8	62.4	65.0	67.5	84.7	54.3	84.7	97.5	52.1

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 WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2019 DATA

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

NAME		PRE-DROUGHT QUALITY					QUALITY RATINGS DURING DRY DOWN							
		2/22	3/28	4/16	5/29	6/5	6/13	6/20	6/27	7/4	7/11	7/18	7/25	
PST-K13-141	KB	6.0	7.0	5.3	7.0	7.3	6.7	7.0	6.0	4.7	4.3	3.7	3.3	
MIDNIGHT	KB	5.3	7.0	6.3	6.3	7.0	6.3	6.3	6.3	4.7	4.0	4.0	3.3	
BAR PP 110358	KB	7.0	7.3	6.7	6.0	5.7	5.7	5.3	5.3	4.0	4.0	2.7	3.3	
DAUNTLESS	KB	5.7	7.3	6.3	6.3	6.0	5.7	6.0	5.0	3.7	4.3	3.7	3.7	
BLUE DEVIL	KB	5.3	6.0	5.7	6.0	5.7	6.3	6.3	5.7	4.7	3.7	4.0	3.3	
BLUE NOTE	KB	6.0	6.7	6.0	7.0	6.3	6.3	6.3	5.3	4.7	3.3	2.7	3.0	
EVEREST	KB	5.7	6.3	5.7	6.3	6.0	6.3	5.7	5.7	4.7	4.0	3.3	3.3	
PST-K11-118	KB	6.0	6.7	6.0	6.7	6.7	5.7	5.3	5.0	4.3	4.0	4.0	3.3	
PST-K13-143	KB	5.0	6.3	5.0	6.3	6.7	6.3	6.3	5.7	5.0	4.7	3.3	3.3	
BABE	KB	6.0	6.7	5.7	6.0	5.3	5.3	5.3	4.7	3.3	4.0	3.3	3.3	
BARRARI	KB	6.0	7.3	6.7	6.7	6.0	5.7	5.7	4.7	3.7	3.3	2.7	3.0	
NAI-13-14	KB	5.3	6.3	5.7	5.7	5.7	5.7	6.0	5.0	3.7	3.3	3.3	3.3	
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.7	5.7	5.0	5.7	5.7	6.0	5.3	4.7	3.7	3.3	3.3	3.0	
PST-K13-137	KB	3.7	4.3	3.7	5.7	5.3	6.0	6.0	5.3	4.7	4.3	3.7	3.3	
PST-K15-169	KB	5.7	6.3	5.3	7.0	6.7	5.7	5.7	4.7	3.3	3.0	3.0	3.0	
NAI-13-132	KB	4.3	5.0	4.7	5.7	5.3	5.7	5.7	4.7	4.0	3.7	3.3	3.3	
LSD VALUE		1.1	1.3	1.4	1.9	1.7	2.2	2.8	1.9	2.2	2.3	1.7	1.3	
C.V. (%)		11.8	11.4	13.5	11.7	12.9	12.2	15.7	14.8	20.1	21.0	20.0	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 3B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2019 DATA

NAME		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/										QUALITY RATINGS DURING RECOVERY		
		8/1	8/8	8/22	8/29	9/5	9/12	9/19	9/26	10/1	11/4	12/3	MEAN	
PST-K13-141	KB	3.3	3.3	3.0	3.0	3.3	3.3	2.7	2.7	2.7	3.0	3.7	5.0	4.5
MIDNIGHT	KB	3.3	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.3	3.0	3.7	5.3	4.4
BAR PP 110358	KB	3.0	3.3	3.0	3.0	3.3	3.0	2.3	2.3	3.0	3.0	3.3	5.7	4.3
DAUNTLESS	KB	3.3	3.0	3.0	3.3	3.0	3.0	2.3	2.3	3.0	3.0	3.7	5.3	4.3
BLUE DEVIL	KB	3.3	3.3	3.0	3.0	3.3	3.0	2.0	2.0	2.7	3.0	3.7	5.3	4.2
BLUE NOTE	KB	3.0	3.0	3.0	3.0	3.0	2.7	2.3	2.3	2.7	2.7	3.7	5.0	4.2
EVEREST	KB	3.0	2.7	3.3	3.3	3.3	2.7	2.3	2.3	2.3	2.7	3.3	4.0	4.2
PST-K11-118	KB	3.3	3.0	3.0	3.0	3.0	3.0	2.3	2.3	2.3	2.7	3.3	4.7	4.2
PST-K13-143	KB	3.3	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	3.0	3.3	4.7	4.2
BABE	KB	3.3	2.7	3.0	3.7	3.7	3.0	2.3	2.3	2.7	2.7	3.7	4.7	4.1
BARRARI	KB	3.0	3.3	3.0	3.0	3.0	2.7	2.3	2.3	2.3	2.7	3.3	5.3	4.1
NAI-13-14	KB	3.3	3.0	3.0	3.0	3.0	2.7	2.3	2.3	3.0	3.0	4.0	5.3	4.1
SR 4650 (P.RYEGRASS STANDARD ENTRY)		3.0	3.0	3.0	3.0	3.7	3.0	2.7	2.7	3.0	3.3	4.3	6.3	4.1
PST-K13-137	KB	3.3	3.0	3.3	3.0	3.0	3.0	2.3	2.3	2.3	2.7	3.7	4.7	3.9
PST-K15-169	KB	3.0	3.0	3.0	3.0	3.0	2.7	2.0	2.0	2.0	2.3	3.0	4.0	3.9
NAI-13-132	KB	3.0	3.0	3.0	3.0	3.3	2.7	2.3	2.3	2.3	2.7	3.0	4.3	3.8
LSD VALUE		1.4	0.9	0.6	0.6	0.8	1.0	1.4	1.4	1.3	1.2	2.4	1.4	0.7
C.V. (%)		13.4	10.8	6.5	8.0	10.8	11.8	19.2	19.2	20.3	15.1	21.0	13.6	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 3B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2019 DATA

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

NAME		PRE-DROUGHT PERCENT COVER					PERCENT GREEN COVER DURING DRY DOWN					
		2/22	3/28	4/16	5/29	6/5	6/13	6/20	6/27	7/4	7/11	7/18
PST-K13-141	KB	75.0	92.0	93.0	96.3	95.0	91.3	88.7	87.3	64.3	55.0	37.7
MIDNIGHT	KB	72.0	93.3	93.3	95.0	94.0	89.7	85.3	84.3	66.3	56.0	47.0
BAR PP 110358	KB	80.7	94.3	92.0	92.7	90.3	76.3	72.7	75.0	52.7	44.7	26.7
DAUNTLESS	KB	76.7	93.0	91.7	94.0	91.0	83.3	76.7	73.3	55.7	46.7	36.3
BLUE DEVIL	KB	72.3	86.3	88.0	95.0	93.7	89.7	85.7	85.3	69.0	56.7	41.0
BLUE NOTE	KB	74.0	90.7	92.7	96.7	94.7	91.7	83.3	82.0	61.3	53.3	31.3
EVEREST	KB	69.7	87.3	90.3	93.7	93.7	88.0	83.7	83.0	60.3	51.3	38.3
PST-K11-118	KB	75.7	93.0	93.7	97.0	94.7	83.3	73.7	72.7	52.0	51.0	40.3
PST-K13-143	KB	65.3	85.3	89.3	95.7	95.0	91.0	85.7	82.3	70.3	59.0	43.0
BABE	KB	75.0	83.7	87.3	93.7	91.0	82.7	72.7	74.0	57.7	51.0	36.3
BARRARI	KB	74.0	92.3	93.0	96.7	94.0	85.7	80.3	76.7	50.7	42.0	29.0
NAI-13-14	KB	67.7	87.0	88.0	91.0	91.0	85.0	80.3	81.7	56.0	50.3	39.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		59.3	87.3	91.3	92.3	93.0	90.0	86.3	83.0	62.3	50.0	35.7
PST-K13-137	KB	65.3	70.0	78.7	94.3	94.0	91.0	88.3	85.7	71.3	58.7	41.7
PST-K15-169	KB	80.7	91.7	90.3	96.0	94.0	83.7	69.0	66.7	40.0	35.0	25.0
NAI-13-132	KB	69.3	77.7	79.3	94.3	92.7	86.3	78.7	81.7	55.3	53.0	46.3
LSD VALUE		8.5	8.9	7.8	7.9	5.8	20.4	24.5	24.1	41.2	37.1	22.6
C.V. (%)		6.8	5.9	4.8	3.0	2.5	8.4	11.7	11.5	24.5	24.1	24.7

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 3B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2019 DATA

NAME		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/									PERCENT COVER DURING RECOVERY	
		7/25	8/1	8/15	8/22	8/29	9/5	9/19	9/26	10/1	11/4	12/3
PST-K13-141	KB	37.3	23.3	17.7	15.3	20.7	17.0	18.0	4.0	36.0	72.7	89.0
MIDNIGHT	KB	45.0	23.0	15.3	12.7	15.0	10.7	11.7	3.0	26.0	70.3	84.3
BAR PP 110358	KB	27.0	15.7	13.0	11.3	16.3	13.7	17.0	2.3	32.3	70.0	88.3
DAUNTLESS	KB	37.0	21.0	14.7	10.3	14.7	12.3	16.7	2.7	32.3	70.3	86.7
BLUE DEVIL	KB	40.7	23.3	16.7	15.0	20.3	15.3	13.3	3.0	27.3	73.3	88.0
BLUE NOTE	KB	32.0	16.3	14.0	11.0	13.7	10.7	11.3	2.0	25.3	64.7	82.7
EVEREST	KB	38.3	24.0	17.3	15.7	20.3	14.7	14.7	3.3	27.0	57.3	79.7
PST-K11-118	KB	40.3	22.0	18.0	14.0	16.3	11.0	11.7	2.3	21.3	58.0	80.0
PST-K13-143	KB	42.0	24.7	22.0	16.7	21.0	15.0	12.7	3.0	21.3	60.3	80.7
BABE	KB	39.0	26.3	19.7	17.0	22.0	16.0	13.7	2.3	22.3	52.0	81.7
BARRARI	KB	25.0	12.0	8.7	7.7	10.0	7.0	9.7	2.0	22.7	57.7	84.0
NAI-13-14	KB	37.3	21.3	22.0	20.0	27.0	19.3	25.3	3.0	39.7	74.0	80.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		35.3	18.3	18.3	15.3	22.0	21.0	30.3	3.0	54.3	85.0	87.3
PST-K13-137	KB	42.3	26.7	18.7	17.3	20.7	14.0	14.7	3.3	26.7	64.3	85.3
PST-K15-169	KB	28.7	16.0	10.7	7.3	9.3	7.0	5.7	2.0	11.7	43.3	78.3
NAI-13-132	KB	45.0	28.0	20.3	16.7	19.7	13.0	13.3	2.7	22.7	55.7	83.0
LSD VALUE		18.9	12.6	11.8	10.9	13.4	9.5	13.0	2.5	15.4	43.5	18.6
C.V. (%)		21.9	26.6	30.3	33.8	33.1	33.2	43.2	33.4	30.7	25.4	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 3C.

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2019 DATA

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

NAME		PRE-DROUGHT QUALITY					QUALITY RATINGS DURING DRY DOWN						
		2/22	3/28	4/16	5/29	6/5	6/13	6/20	6/27	7/4	7/11	7/18	7/25
BLUE NOTE	KB	4.0	5.3	5.3	7.3	6.7	6.7	7.3	6.0	6.7	6.3	5.0	5.0
MIDNIGHT	KB	4.7	6.0	5.7	6.7	6.7	6.7	6.3	6.3	5.3	5.0	4.7	4.7
PST-K11-118	KB	5.0	6.7	6.0	7.0	6.3	6.7	6.7	6.0	5.3	5.7	5.0	5.0
PST-K15-169	KB	4.7	5.7	5.3	6.7	6.7	7.0	6.7	6.7	5.7	6.3	5.7	5.0
EVEREST	KB	4.3	5.7	5.0	7.0	7.0	7.0	6.3	5.7	5.3	5.3	5.0	4.7
PST-K13-137	KB	4.0	4.7	4.7	6.3	6.0	7.0	6.7	6.3	5.7	6.0	5.3	4.7
BARRARI	KB	5.0	6.3	6.0	6.3	6.7	6.7	6.3	5.3	4.7	5.7	5.0	4.7
BLUE DEVIL	KB	4.3	5.3	5.3	6.3	6.3	6.7	6.3	5.7	5.3	5.0	5.0	4.7
PST-K13-141	KB	5.3	6.3	6.3	6.7	6.0	6.3	6.0	5.7	4.7	5.0	4.7	4.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.3	5.3	5.3	5.3	5.3	6.0	5.7	5.3	4.7	5.3	4.7	5.0
BABE	KB	4.0	5.3	5.0	6.3	6.3	7.0	5.7	5.7	4.7	5.7	4.7	5.0
DAUNTLESS	KB	4.7	5.7	5.3	6.3	6.3	6.3	6.0	6.0	5.0	5.7	4.7	5.0
NAI-13-132	KB	4.3	5.7	4.7	7.0	6.3	7.0	6.3	5.3	4.7	5.0	4.3	4.3
PST-K13-143	KB	5.0	5.7	5.7	6.0	6.0	6.3	6.3	5.7	5.0	5.3	4.7	4.7
NAI-13-14	KB	4.7	5.0	4.7	5.7	5.7	5.7	5.0	4.7	4.3	4.7	3.7	4.0
BAR PP 110358	KB	5.3	6.3	5.7	5.3	4.7	4.7	4.3	4.3	4.0	4.3	3.3	3.0
LSD VALUE		2.0	1.7	1.8	1.6	2.1	1.8	1.9	2.5	3.2	2.3	2.3	1.7
C.V. (%)		15.7	12.6	13.4	11.2	13.6	12.4	14.1	16.5	22.0	16.3	18.7	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 3C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN									QUALITY RATINGS DURING RECOVERY			
		8/1	8/8	8/22	8/29	9/5	9/12	9/19	9/26	10/1	?><?>	11/4	12/3	MEAN
BLUE NOTE	KB	4.7	4.7	4.3	3.3	4.0	3.0	4.0	4.0	3.7	5.0	5.0	7.7	5.2
MIDNIGHT	KB	4.7	4.7	4.3	3.7	4.3	3.3	4.0	4.0	4.3	5.0	5.3	7.7	5.2
PST-K11-118	KB	4.3	3.7	4.0	3.0	4.0	3.3	4.0	4.0	4.0	4.3	4.7	7.0	5.1
PST-K15-169	KB	4.7	4.0	4.3	3.3	3.7	3.3	3.7	3.7	4.0	4.3	4.3	6.7	5.1
EVEREST	KB	4.3	4.0	4.0	3.3	4.0	3.3	3.7	3.7	4.0	4.3	4.7	6.7	5.0
PST-K13-137	KB	4.7	4.3	4.3	3.7	4.0	3.3	3.7	4.0	3.7	4.3	4.3	6.7	5.0
BARRARI	KB	4.3	3.7	4.0	3.0	3.7	3.0	3.7	3.7	4.3	4.3	4.7	7.0	4.9
BLUE DEVIL	KB	4.7	3.7	4.3	3.3	4.0	3.0	3.7	3.7	3.7	4.0	4.7	7.0	4.9
PST-K13-141	KB	4.7	3.7	3.7	3.0	4.3	3.3	3.3	3.3	4.0	4.3	4.3	6.7	4.9
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.7	4.3	3.7	3.7	4.0	3.3	4.3	4.3	4.3	5.3	5.7	7.7	4.9
BABE	KB	4.7	3.7	3.7	3.7	4.0	3.0	3.3	3.3	4.0	4.7	5.3	6.7	4.8
DAUNTLESS	KB	4.7	3.7	3.7	3.3	4.0	3.0	3.3	3.7	3.7	4.3	4.7	6.7	4.8
NAI-13-132	KB	4.3	3.7	4.0	3.7	4.0	3.3	3.7	3.7	3.7	4.0	4.3	6.7	4.8
PST-K13-143	KB	4.3	3.7	4.0	3.3	4.0	3.3	3.7	3.7	3.7	4.3	4.7	6.3	4.8
NAI-13-14	KB	4.0	3.3	3.3	3.0	3.3	2.7	3.0	3.0	3.0	3.7	4.0	6.0	4.2
BAR PP 110358	KB	3.3	3.0	2.7	2.7	3.0	2.7	2.3	2.7	2.7	3.3	4.3	5.3	3.9
LSD VALUE		1.8	1.8	1.2	0.9	2.0	1.4	1.3	1.5	1.2	1.1	1.9	1.7	0.9
C.V. (%)		14.3	18.0	14.1	11.7	16.7	15.0	16.3	16.7	14.3	12.4	15.1	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 3C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2019 DATA

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

NAME		PRE-DROUGHT PERCENT COVER					PERCENT GREEN COVER DURING DRY DOWN					
		2/22	3/28	4/16	5/29	6/5	6/13	6/20	6/27	7/4	7/11	7/18
BLUE NOTE	KB	62.7	87.7	91.3	98.0	97.0	94.7	91.7	91.7	87.3	82.0	75.0
MIDNIGHT	KB	66.3	87.0	89.7	95.7	94.3	90.7	88.0	89.0	80.3	75.7	73.7
PST-K11-118	KB	66.7	88.7	88.3	97.0	95.0	90.0	87.0	87.3	82.7	77.7	73.3
PST-K15-169	KB	64.3	82.3	81.0	96.3	97.0	94.7	90.7	90.3	87.0	83.0	77.3
EVEREST	KB	61.3	78.3	83.0	97.0	96.3	90.7	88.7	89.3	80.7	77.7	77.3
PST-K13-137	KB	57.7	72.0	79.0	95.0	93.7	93.0	89.3	90.3	84.0	81.3	76.0
BARRARI	KB	69.0	84.0	86.7	96.0	94.3	88.0	83.0	83.0	73.3	75.0	76.3
BLUE DEVIL	KB	61.0	82.0	87.0	96.0	94.7	90.3	85.7	85.3	74.0	73.3	71.0
PST-K13-141	KB	70.0	90.3	90.7	95.3	92.3	84.3	84.3	83.7	76.7	72.0	70.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		55.0	76.0	86.7	90.7	90.3	84.7	85.0	86.7	74.7	70.3	67.3
BABE	KB	62.0	83.3	87.3	94.7	93.3	88.3	83.7	85.0	76.0	73.7	70.3
DAUNTLESS	KB	66.3	85.0	86.3	96.0	93.0	86.0	77.7	80.0	72.0	68.7	66.7
NAI-13-132	KB	66.0	81.7	85.0	97.0	95.0	90.7	84.3	86.0	72.3	68.0	68.0
PST-K13-143	KB	67.0	83.7	87.3	93.3	92.7	85.7	82.3	84.7	77.7	74.0	66.0
NAI-13-14	KB	64.0	73.0	79.7	92.3	91.0	79.0	74.3	78.3	64.7	61.0	56.7
BAR PP 110358	KB	76.3	90.0	85.3	88.3	85.3	66.7	62.3	67.3	54.0	50.3	46.0
LSD VALUE		13.0	14.0	13.2	14.6	13.2	24.0	21.3	18.6	24.2	20.0	20.7
C.V. (%)		9.4	8.0	6.2	5.1	5.1	11.2	11.2	9.4	14.1	13.1	14.0

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

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

TABLE 3C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN									PERCENT COVER DURING RECOVERY	
		7/25	8/1	8/15	8/22	8/29	9/5	9/19	9/26	10/1	11/4	12/3
BLUE NOTE	KB	74.0	58.7	45.7	40.3	53.3	50.0	59.0	3.7	73.7	87.0	87.7
MIDNIGHT	KB	73.3	63.7	47.7	44.0	59.7	57.7	63.7	4.3	76.3	87.0	88.7
PST-K11-118	KB	72.3	54.3	43.7	40.0	56.7	51.7	59.7	4.3	72.7	82.0	86.0
PST-K15-169	KB	73.0	54.3	39.3	36.7	52.7	54.3	59.7	3.3	73.7	78.3	88.3
EVEREST	KB	72.7	55.7	40.7	35.0	47.3	50.0	61.7	4.3	72.0	79.0	88.0
PST-K13-137	KB	75.3	54.3	44.3	37.3	52.7	44.7	63.7	4.3	73.3	77.3	88.7
BARRARI	KB	69.0	49.3	41.0	34.7	43.7	47.0	56.7	4.3	73.0	80.0	87.7
BLUE DEVIL	KB	64.7	50.3	36.3	32.3	44.7	55.7	57.0	3.7	74.7	86.0	87.3
PST-K13-141	KB	69.0	59.7	48.0	40.3	57.3	47.3	61.0	5.0	77.7	83.7	89.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		69.3	60.3	46.7	40.0	53.7	53.3	63.0	3.7	78.0	86.3	88.3
BABE	KB	66.0	55.0	41.7	39.3	49.7	34.7	51.7	2.3	73.7	84.3	87.0
DAUNTLESS	KB	65.7	47.3	39.3	30.3	41.0	35.7	50.0	2.7	64.7	79.7	86.0
NAI-13-132	KB	65.0	54.0	44.7	41.3	52.7	50.3	53.3	5.0	68.0	81.0	87.3
PST-K13-143	KB	63.3	49.7	36.3	32.3	45.7	49.0	52.3	3.7	67.7	80.3	89.3
NAI-13-14	KB	54.3	43.3	39.3	33.7	44.3	40.0	45.0	4.0	58.3	77.3	87.3
BAR PP 110358	KB	42.7	35.0	25.0	24.0	33.0	38.3	28.7	4.0	41.0	70.0	75.3
LSD VALUE		22.2	33.2	23.4	20.3	25.0	36.2	30.6	1.9	26.4	28.8	12.5
C.V. (%)		15.3	22.5	21.5	21.4	20.4	26.4	22.7	22.3	16.8	11.4	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 4A.

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2019 DATA

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

NAME		PRE-DROUGHT QUALITY					QUALITY RATINGS DURING DRY DOWN						
		2/22	3/28	4/16	5/29	6/5	6/13	6/20	6/27	7/4	7/11	7/18	7/25
DLFPS 321/3678	TF	4.0	6.7	6.7	7.0	6.7	6.7	6.7	6.3	5.7	5.0	4.3	3.7
GO-AOMK	TF	3.7	6.7	6.3	7.0	6.7	7.0	7.0	6.7	5.7	4.3	4.3	3.7
DLFPS 321/3679	TF	4.3	6.7	6.3	7.0	6.7	7.0	6.7	6.0	4.7	4.0	3.7	3.3
MRSLS TF15	TF	3.3	5.7	6.0	7.0	7.0	7.0	6.3	5.3	4.3	4.3	3.3	3.3
SUPERSONIC	TF	3.7	5.0	5.3	7.3	7.0	7.0	6.7	6.0	4.3	4.0	3.7	3.3
BAR FA 121095	TF	3.7	6.0	6.0	7.0	7.0	7.0	5.7	4.3	3.7	3.7	3.0	3.0
LTP-SYN-A3	TF	4.0	5.7	5.7	7.0	6.7	6.3	6.7	6.3	4.7	4.3	3.7	3.3
RS4	TF	3.7	4.7	5.0	7.0	7.0	6.7	6.3	5.3	4.3	3.3	3.7	3.0
BARROBUSTO	TF	3.7	5.0	4.7	6.0	6.3	6.7	7.0	6.0	4.3	3.3	4.0	2.7
DLFPS 321/3677	TF	4.3	5.3	5.3	7.0	6.7	6.3	6.0	5.0	4.0	3.3	3.3	2.7
PST-5SDS	TF	4.0	6.0	6.7	6.7	6.7	6.0	6.0	5.7	4.0	3.7	3.3	3.0
CATALYST	TF	4.0	5.7	6.0	6.7	6.3	6.0	6.0	5.3	4.3	3.7	3.3	3.0
NONET	TF	3.7	5.3	5.7	6.7	6.3	5.7	6.3	5.0	4.7	3.7	3.3	3.0
TITANIUM 2LS	TF	3.3	5.3	5.3	6.0	6.3	6.3	5.7	5.3	4.3	3.3	3.3	3.0
KINGDOM	TF	4.7	6.7	6.7	6.7	6.3	6.0	5.7	4.7	3.7	3.0	3.0	2.7
STETSON II	TF	4.0	5.7	5.7	6.0	6.3	6.3	5.7	4.7	4.0	3.7	3.3	3.3
THUNDERSTRUCK	TF	3.7	5.3	5.3	6.7	6.3	6.0	6.3	5.3	4.3	3.7	3.0	3.0
PST-R511	TF	3.3	4.3	4.3	6.0	6.3	6.3	5.3	5.3	4.3	3.7	3.7	2.7
THOR	TF	3.0	5.3	5.0	6.3	6.3	5.7	6.0	5.0	3.7	3.0	3.0	2.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.3	5.0	5.0	4.3	4.0	5.3	4.0	3.0	3.0	2.7	2.7	2.0
LSD VALUE		1.8	2.5	1.9	1.6	1.3	2.2	3.4	2.3	3.9	3.6	2.4	2.2
C.V. (%)		17.2	17.7	15.0	11.9	10.5	12.5	19.3	18.9	27.8	29.5	22.6	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 4A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN									QUALITY RATINGS DURING RECOVERY			
		8/1	8/8	8/22	8/29	9/5	9/12	9/19	9/26	10/1	?><?>	11/4	12/3	MEAN
DLFPS 321/3678	TF	3.3	2.3	2.7	2.3	2.3	2.0	2.0	2.0	2.7	3.3	4.3	6.3	4.4
GO-AOMK	TF	3.7	2.3	2.7	2.0	2.3	2.0	2.0	2.0	3.0	3.0	4.0	6.0	4.4
DLFPS 321/3679	TF	3.0	2.3	2.7	2.7	2.7	2.0	2.3	2.3	3.0	3.0	4.0	5.3	4.3
MRSLS TF15	TF	3.0	2.3	2.7	2.3	2.3	2.0	2.3	2.3	2.3	3.0	4.0	5.3	4.2
SUPERSONIC	TF	2.7	2.0	3.0	2.3	3.0	2.0	2.7	2.7	3.0	3.3	4.0	5.0	4.2
BAR FA 121095	TF	2.7	2.3	2.7	2.3	2.7	2.0	2.0	2.0	3.0	3.0	3.7	5.3	4.1
LTP-SYN-A3	TF	2.7	2.0	2.3	2.0	2.7	2.3	2.7	2.7	2.3	3.0	4.0	5.3	4.1
RS4	TF	3.0	2.7	2.3	2.7	2.7	2.3	2.7	2.7	2.7	3.0	3.0	5.0	4.0
BARROBUSTO	TF	3.0	2.3	2.7	2.7	2.7	2.0	2.3	2.3	2.7	2.7	3.3	4.7	3.9
DLFPS 321/3677	TF	3.0	2.3	2.7	2.7	2.7	2.0	2.3	2.3	2.3	2.7	3.0	4.3	3.9
PST-5SDS	TF	2.7	2.3	2.3	2.3	2.0	2.0	2.0	2.0	2.3	2.0	2.7	4.3	3.9
CATALYST	TF	2.7	2.0	2.3	2.3	2.0	2.0	2.0	2.0	2.0	2.0	3.3	4.3	3.8
NONET	TF	3.0	2.3	2.3	2.3	2.3	2.0	2.0	2.0	2.3	2.7	3.3	4.3	3.8
TITANIUM 2LS	TF	2.7	2.3	2.7	2.0	2.3	2.0	2.7	2.7	2.0	2.7	3.7	5.0	3.8
KINGDOM	TF	2.3	2.0	2.3	2.3	2.3	2.0	2.0	2.0	2.0	2.3	2.7	4.3	3.7
STETSON II	TF	2.7	2.3	2.7	2.3	2.0	2.0	2.0	2.0	2.0	2.3	2.7	4.0	3.7
THUNDERSTRUCK	TF	2.7	2.0	2.0	2.0	2.3	2.0	2.0	2.0	2.0	2.3	3.0	4.3	3.7
PST-R511	TF	2.7	2.0	2.3	2.3	2.0	2.0	2.0	2.0	2.0	2.3	2.7	4.0	3.6
THOR	TF	2.0	2.0	2.0	2.3	2.3	2.0	3.0	3.0	2.3	2.7	2.7	4.0	3.6
SR 4650 (P.RYEGRASS STANDARD ENTRY)		3.0	2.0	2.3	2.3	2.3	1.7	2.0	2.0	2.0	2.7	3.3	4.7	3.2
LSD VALUE		2.0	1.4	1.2	1.6	1.2	0.6	1.5	1.5	0.6	1.1	3.0	3.5	1.2
C.V. (%)		22.7	19.0	17.2	19.7	18.5	10.7	23.8	23.8	14.7	18.3	29.2	24.1	12.0

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

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

TABLE 4A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2019 DATA

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

NAME		PRE-DROUGHT PERCENT COVER					PERCENT GREEN COVER DURING DRY DOWN					7/18
		2/22	3/28	4/16	5/29	6/5	6/13	6/20	6/27	7/4	7/11	
DLFPS 321/3678	TF	60.3	93.3	94.7	95.7	94.3	92.7	87.7	84.7	74.0	62.3	50.7
GO-AOMK	TF	57.3	91.3	90.3	95.0	92.7	91.3	86.0	83.3	66.7	56.3	44.3
DLFPS 321/3679	TF	63.7	90.3	91.7	96.3	95.0	91.3	88.7	85.3	65.0	47.7	36.7
MRS� TF15	TF	56.0	88.3	91.3	96.0	94.3	92.3	88.0	85.0	67.7	56.3	41.3
SUPERSONIC	TF	54.7	86.0	91.7	96.7	95.0	92.3	87.0	80.7	56.0	41.7	32.3
BAR FA 121095	TF	53.0	86.3	93.0	97.7	94.7	92.3	84.7	79.7	53.7	41.7	31.0
LTP-SYN-A3	TF	60.3	80.3	88.3	97.0	95.0	93.0	87.3	83.0	62.0	48.7	34.3
RS4	TF	56.0	80.3	86.0	97.0	95.7	93.0	84.3	74.3	45.0	34.7	28.7
BARROBUSTO	TF	55.0	77.7	77.7	94.0	89.3	89.3	83.0	78.0	47.3	38.0	30.3
DLFPS 321/3677	TF	56.0	79.0	87.3	95.3	94.7	91.3	83.7	79.3	48.7	38.7	31.3
PST-5SDS	TF	59.3	90.0	93.3	96.0	94.3	89.3	83.3	77.0	52.0	40.7	30.7
CATALYST	TF	58.0	88.7	91.7	94.7	93.0	88.3	79.3	75.7	49.0	36.3	28.3
NONET	TF	56.7	87.0	88.7	94.3	92.0	87.7	77.3	73.0	45.7	33.3	25.7
TITANIUM 2LS	TF	60.0	76.3	84.7	95.7	93.3	89.7	84.0	79.3	49.0	37.3	31.0
KINGDOM	TF	66.0	92.0	92.7	94.3	92.7	87.3	79.3	72.3	43.3	32.7	25.3
STETSON II	TF	61.3	86.3	86.3	93.3	88.7	88.0	82.0	76.3	54.7	42.3	33.3
THUNDERSTRUCK	TF	61.7	84.3	86.0	93.0	93.3	88.0	80.0	73.0	51.0	36.7	26.7
PST-R511	TF	50.3	72.0	80.3	95.3	94.3	91.3	87.3	82.7	57.3	43.7	30.0
THOR	TF	59.3	80.3	83.0	91.3	91.0	86.0	78.3	68.0	40.7	29.3	23.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		67.0	87.0	87.7	83.3	82.0	65.7	60.7	52.0	26.7	22.3	16.7
LSD VALUE		8.9	32.0	29.2	5.4	6.4	8.9	18.6	27.2	51.2	45.0	37.1
C.V. (%)		7.7	12.3	10.1	3.1	3.6	5.8	9.8	14.1	33.9	38.5	40.0

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

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

TABLE 4A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2019 DATA

NAME		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/									PERCENT COVER DURING RECOVERY	
		7/25	8/1	8/15	8/22	8/29	9/5	9/19	9/26	10/1	11/4	12/3
DLFPS 321/3678	TF	39.7	17.3	6.0	4.7	8.0	6.3	10.3	2.3	25.7	80.0	88.7
GO-AOMK	TF	36.0	14.0	7.0	4.0	7.0	7.7	12.3	2.7	27.0	68.7	85.7
DLFPS 321/3679	TF	30.0	12.3	4.3	4.3	8.0	6.7	12.3	2.3	24.7	65.0	85.3
MRS� TF15	TF	32.3	14.7	5.3	3.0	5.7	5.7	11.7	1.7	25.7	67.7	83.3
SUPERSONIC	TF	27.0	9.7	5.3	4.3	8.7	9.3	16.0	1.3	26.7	59.7	84.0
BAR FA 121095	TF	26.3	10.7	5.7	4.7	7.7	29.0	11.0	2.0	22.7	68.7	87.0
LTP-SYN-A3	TF	27.3	9.0	2.3	2.0	7.3	9.3	15.3	2.7	24.7	68.7	81.3
RS4	TF	25.3	11.0	7.0	5.3	9.3	8.7	14.7	3.0	22.7	43.0	55.0
BARROBUSTO	TF	25.3	14.3	6.0	5.0	9.3	7.7	13.3	2.0	26.0	57.0	74.3
DLFPS 321/3677	TF	25.3	11.7	8.3	6.7	8.7	6.7	11.0	2.7	20.0	42.3	71.7
PST-5SDS	TF	26.7	9.3	3.7	2.0	3.7	4.0	7.0	2.3	9.7	37.7	77.7
CATALYST	TF	22.0	6.7	2.7	1.7	2.7	2.7	5.3	2.3	11.0	43.3	70.0
NONET	TF	24.0	8.3	4.7	3.3	5.0	4.0	8.7	2.7	13.3	43.3	66.3
TITANIUM 2LS	TF	26.3	10.3	6.0	3.3	5.7	5.7	8.3	1.3	16.7	47.0	68.0
KINGDOM	TF	19.3	6.7	3.7	2.3	3.7	4.3	5.0	3.3	7.7	24.0	63.7
STETSON II	TF	26.0	11.0	6.3	3.3	4.3	4.3	5.3	2.3	9.0	33.7	73.3
THUNDERSTRUCK	TF	21.0	6.3	3.0	3.0	5.0	4.7	5.7	2.7	10.3	43.0	66.3
PST-R511	TF	21.3	8.7	3.0	3.0	3.3	4.7	4.7	2.0	7.7	32.7	62.0
THOR	TF	18.7	5.7	3.0	2.3	4.0	4.3	7.0	2.3	11.7	28.3	70.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		12.7	8.0	4.3	3.3	6.0	8.0	5.3	3.0	12.0	44.7	82.0
LSD VALUE		30.1	20.3	6.9	7.1	7.5	28.3	6.2	3.3	16.4	62.8	59.5
C.V. (%)		40.0	60.2	52.5	64.6	49.3	132.4	36.4	43.4	46.3	47.8	24.8

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

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

TABLE 4B.

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2019 DATA

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

NAME		PRE-DROUGHT QUALITY					QUALITY RATINGS DURING DRY DOWN						
		2/22	3/28	4/16	5/29	6/5	6/13	6/20	6/27	7/4	7/11	7/18	7/25
DLFPS 321/3678	TF	4.7	7.3	7.3	7.7	7.3	7.0	8.0	8.0	6.7	5.3	4.0	4.3
GO-AOMK	TF	4.3	6.7	7.3	7.3	7.0	6.7	7.3	7.0	6.3	5.7	4.7	4.3
MRSL TF15	TF	4.0	6.7	7.0	7.7	7.0	7.0	8.0	8.0	6.3	5.7	4.3	4.3
RS4	TF	3.7	7.0	6.0	8.0	7.3	7.0	8.0	7.7	6.0	5.7	4.3	4.7
SUPERSONIC	TF	3.7	6.3	7.0	7.3	7.3	7.0	8.0	8.0	6.3	6.0	5.0	5.0
BARROBUSTO	TF	3.7	5.7	6.3	7.0	6.7	6.7	7.0	7.0	6.7	6.0	5.7	4.7
LTP-SYN-A3	TF	4.3	7.0	6.3	7.3	6.7	7.0	8.0	7.7	5.7	5.0	3.3	4.3
BAR FA 121095	TF	4.0	7.3	7.0	7.7	6.3	7.0	7.3	7.0	5.3	4.7	3.7	3.7
DLFPS 321/3679	TF	4.3	7.0	6.7	8.0	7.3	7.0	8.0	7.7	5.7	4.7	3.7	4.0
TITANIUM 2LS	TF	3.7	6.3	6.7	7.7	7.0	6.7	7.7	7.7	5.3	5.7	4.0	4.3
KINGDOM	TF	4.3	7.0	7.0	7.0	7.3	7.0	7.7	7.7	5.0	5.0	3.3	3.7
STETSON II	TF	4.3	7.0	6.3	7.0	6.7	7.0	7.7	7.0	5.7	5.0	4.7	4.7
THOR	TF	4.0	7.3	6.7	7.7	7.3	7.0	8.0	7.7	5.3	4.7	3.7	4.0
THUNDERSTRUCK	TF	4.0	7.0	6.0	7.7	7.0	6.7	7.3	6.7	6.3	5.7	3.7	4.0
DLFPS 321/3677	TF	3.3	5.7	5.7	6.7	7.0	6.7	7.7	7.3	6.3	5.3	4.3	4.3
NONET	TF	4.3	6.7	7.0	7.3	6.3	6.7	7.3	7.0	5.0	5.0	3.7	4.0
PST-R511	TF	3.3	5.3	5.3	8.0	7.3	7.0	7.7	7.7	7.3	5.3	4.3	4.3
CATALYST	TF	4.0	6.7	6.7	7.3	7.0	7.0	7.0	7.0	5.0	4.7	3.3	3.7
PST-5SDS	TF	3.3	6.0	6.0	7.7	7.0	7.0	7.7	6.7	5.0	4.7	3.7	3.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.7	5.7	5.0	5.7	5.7	6.0	5.3	4.7	3.7	3.3	3.3	3.0
LSD VALUE		1.3	1.7	1.4	0.9	1.6	0.7	0.7	0.9	2.9	2.4	2.7	2.0
C.V. (%)		14.0	11.7	10.9	6.7	9.1	4.7	5.8	7.9	20.5	17.8	24.7	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 4B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN									QUALITY RATINGS DURING RECOVERY			
		8/1	8/8	8/22	8/29	9/5	9/12	9/19	9/26	10/1	?><?>	11/4	12/3	MEAN
DLFPS 321/3678	TF	3.7	3.3	3.7	3.3	3.7	3.0	3.0	3.0	3.3	4.0	5.3	7.0	5.2
GO-AOMK	TF	3.7	4.0	3.3	3.3	3.3	3.3	3.3	3.3	4.0	4.7	5.0	7.3	5.2
MRSL TF15	TF	3.7	3.7	3.3	3.3	3.7	3.0	3.0	3.0	3.3	4.3	5.3	7.3	5.2
RS4	TF	4.0	4.3	3.3	3.7	4.0	4.0	3.3	3.3	4.3	4.3	4.3	6.7	5.2
SUPERSONIC	TF	4.3	3.7	3.3	3.0	3.3	3.3	3.3	3.3	4.0	4.0	4.7	7.0	5.2
BARROBUSTO	TF	4.3	3.7	3.7	3.3	3.3	3.0	3.3	3.3	4.0	4.3	5.0	7.0	5.1
LTP-SYN-A3	TF	3.3	4.0	3.3	3.3	4.0	3.3	3.3	3.3	4.0	4.0	5.3	6.7	5.1
BAR FA 121095	TF	3.7	3.7	3.7	3.7	3.7	3.3	3.0	3.0	3.7	4.3	5.3	7.0	5.0
DLFPS 321/3679	TF	3.7	3.3	3.3	3.0	3.3	3.3	3.0	3.0	3.7	4.0	5.0	7.0	5.0
TITANIUM 2LS	TF	3.3	3.3	3.0	3.3	3.7	3.7	3.0	3.3	3.7	3.7	4.7	7.0	5.0
KINGDOM	TF	3.3	2.7	3.0	3.3	3.3	3.3	3.0	3.0	3.0	3.7	4.7	7.0	4.9
STETSON II	TF	3.7	3.7	3.3	3.0	3.7	3.3	2.7	2.7	3.3	3.0	4.7	6.7	4.9
THOR	TF	3.3	3.0	3.0	3.0	3.7	3.3	3.0	3.0	3.3	3.3	4.0	6.7	4.9
THUNDERSTRUCK	TF	3.3	3.3	3.3	3.3	3.7	3.3	3.0	3.0	3.0	3.7	4.3	6.3	4.9
DLFPS 321/3677	TF	3.7	3.0	3.0	3.0	3.0	3.3	3.0	3.0	3.0	4.0	4.7	6.3	4.8
NONET	TF	3.3	3.0	3.0	3.0	3.3	3.3	3.0	3.0	3.0	3.7	4.3	6.7	4.8
PST-R511	TF	3.3	3.3	3.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.7	6.3	4.8
CATALYST	TF	3.7	3.0	3.0	3.0	3.3	3.0	3.0	3.0	3.0	3.0	4.0	6.3	4.7
PST-5SDS	TF	3.7	3.3	3.0	3.0	3.0	3.0	3.0	3.0	3.3	3.7	3.7	6.0	4.6
SR 4650 (P.RYEGRASS STANDARD ENTRY)		3.0	3.0	3.0	3.0	3.7	3.0	2.7	2.7	3.0	3.3	4.3	6.3	4.1
LSD VALUE		2.1	1.2	1.4	1.2	1.3	1.1	1.0	1.1	0.8	1.2	2.4	1.6	0.6
C.V. (%)		18.0	15.7	13.9	12.7	13.4	12.5	11.4	12.1	12.7	15.0	17.5	8.5	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 4B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2019 DATA

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

NAME		PRE-DROUGHT PERCENT COVER					PERCENT GREEN COVER DURING DRY DOWN					7/18
		2/22	3/28	4/16	5/29	6/5	6/13	6/20	6/27	7/4	7/11	
DLFPS 321/3678	TF	58.3	94.7	95.0	96.0	94.3	95.0	93.0	91.3	85.0	64.3	49.7
GO-AOMK	TF	53.7	92.0	93.0	95.3	93.3	93.0	90.3	88.3	83.3	67.3	55.0
MRSL TF15	TF	52.7	89.3	93.3	96.3	95.3	93.3	91.7	90.0	82.3	66.0	49.7
RS4	TF	43.3	89.3	92.3	98.0	97.0	96.0	93.7	90.3	78.7	65.7	48.3
SUPERSONIC	TF	47.7	90.3	94.3	97.3	95.7	95.0	92.7	91.7	82.7	68.7	55.3
BARROBUSTO	TF	49.7	86.0	92.3	96.7	95.0	93.0	91.7	90.3	85.7	74.0	61.3
LTP-SYN-A3	TF	56.0	90.3	95.3	97.0	95.0	95.0	92.3	90.7	79.7	62.3	43.3
BAR FA 121095	TF	55.7	92.7	93.3	96.0	94.7	94.0	90.3	88.3	65.0	54.7	41.7
DLFPS 321/3679	TF	55.0	92.3	94.7	97.3	95.7	96.0	93.3	91.7	73.7	58.0	45.3
TITANIUM 2LS	TF	54.3	91.7	94.0	98.3	97.0	95.0	93.0	91.3	78.3	61.0	45.0
KINGDOM	TF	61.7	91.3	94.0	97.0	95.0	93.3	90.7	87.7	63.3	54.3	38.7
STETSON II	TF	64.0	92.0	93.3	97.0	94.7	93.7	91.3	90.3	81.3	67.0	50.7
THOR	TF	52.3	93.3	94.7	96.3	95.3	94.0	92.3	90.3	72.7	59.0	46.3
THUNDERSTRUCK	TF	53.7	88.0	93.3	95.7	94.0	91.0	89.0	87.0	78.0	60.3	47.0
DLFPS 321/3677	TF	48.0	86.3	92.0	97.0	95.0	93.7	91.7	90.0	80.7	64.0	51.0
NONET	TF	56.3	90.0	92.0	95.7	93.7	92.3	89.0	87.0	71.0	54.3	41.3
PST-R511	TF	47.3	83.0	90.7	97.0	95.7	95.3	93.0	92.0	85.7	71.0	50.3
CATALYST	TF	53.7	91.7	91.3	95.3	94.7	93.3	89.7	87.7	65.3	50.0	34.7
PST-5SDS	TF	49.0	87.0	90.3	96.7	94.3	94.0	88.7	86.0	70.7	51.0	35.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		59.3	87.3	91.3	92.3	93.0	90.0	86.3	83.0	62.3	50.0	35.7
LSD VALUE		17.5	14.3	4.2	3.3	4.3	3.4	5.1	5.3	31.2	44.6	47.3
C.V. (%)		13.3	5.4	2.0	1.6	1.7	1.8	2.6	2.9	15.4	22.6	30.8

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 4B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2019 DATA

NAME		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/									PERCENT COVER DURING RECOVERY	
		7/25	8/1	8/15	8/22	8/29	9/5	9/19	9/26	10/1	11/4	12/3
DLFPS 321/3678	TF	44.3	28.0	23.3	19.7	26.7	21.0	34.7	3.3	56.0	88.3	86.0
GO-AOMK	TF	52.7	29.7	20.7	16.3	24.7	26.0	38.7	2.7	60.0	85.7	89.3
MRSL TF15	TF	48.0	29.3	23.3	19.0	26.0	25.0	35.3	3.7	56.7	86.7	89.3
RS4	TF	46.7	29.0	26.3	23.0	36.7	36.3	50.7	3.0	67.0	77.0	88.0
SUPERSONIC	TF	54.0	30.7	21.7	19.0	26.7	23.3	43.7	3.3	66.0	86.0	88.0
BARROBUSTO	TF	59.3	35.0	22.0	23.7	35.3	31.3	42.3	3.0	64.0	81.3	86.0
LTP-SYN-A3	TF	42.3	27.3	28.3	24.0	31.3	30.7	44.0	3.3	66.3	86.7	89.0
BAR FA 121095	TF	39.3	22.0	24.0	23.7	33.0	29.7	38.3	3.3	57.7	81.7	88.3
DLFPS 321/3679	TF	42.7	23.3	18.3	18.3	25.7	20.7	38.3	3.3	56.0	85.7	90.0
TITANIUM 2LS	TF	44.0	20.3	20.3	17.0	28.7	27.7	35.7	3.0	58.0	80.3	89.0
KINGDOM	TF	34.7	16.7	19.0	15.7	20.3	18.7	24.7	3.0	43.3	78.7	87.0
STETSON II	TF	44.0	28.0	19.0	14.7	21.7	21.7	27.7	2.3	47.3	82.3	88.3
THOR	TF	41.7	21.3	24.3	20.0	26.0	24.0	35.7	3.7	55.7	81.7	85.7
THUNDERSTRUCK	TF	44.0	19.7	20.7	15.0	22.0	20.0	26.7	3.0	47.0	77.0	87.3
DLFPS 321/3677	TF	46.3	27.0	20.7	17.7	27.7	22.3	35.7	4.3	53.0	81.0	86.7
NONET	TF	37.7	19.3	20.0	18.3	23.7	17.3	28.7	3.0	46.0	70.7	89.0
PST-R511	TF	41.3	20.7	15.7	11.7	15.3	15.0	23.7	3.0	46.7	80.3	89.7
CATALYST	TF	36.0	18.7	16.0	12.3	18.7	15.3	22.7	3.0	39.7	74.3	87.7
PST-5SDS	TF	36.0	19.3	18.3	15.0	21.7	19.3	29.0	3.3	47.7	70.3	85.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		35.3	18.3	18.3	15.3	22.0	21.0	30.3	3.0	54.3	85.0	87.3
LSL VALUE		39.3	29.6	24.1	13.1	9.3	11.1	9.9	1.9	10.4	24.6	7.0
C.V. (%)		28.4	39.5	33.4	29.0	20.1	25.0	17.2	21.2	11.5	10.6	2.7

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

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

TABLE 4C.

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2019 DATA

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

NAME		PRE-DROUGHT QUALITY					QUALITY RATINGS DURING DRY DOWN						
		2/22	3/28	4/16	5/29	6/5	6/13	6/20	6/27	7/4	7/11	7/18	7/25
DLFPS 321/3679	TF	4.3	7.0	7.0	7.7	7.7	7.3	8.0	7.3	8.3	7.0	6.3	7.0
SUPERSONIC	TF	4.0	7.0	7.0	7.7	7.7	7.7	8.0	8.0	7.3	7.0	6.3	7.0
GO-AOMK	TF	4.3	7.7	7.7	7.7	7.3	6.7	7.7	7.0	7.0	7.3	6.0	6.7
DLFPS 321/3678	TF	5.0	7.0	7.0	7.7	7.3	7.0	7.3	7.0	7.7	6.7	6.0	6.0
BAR FA 121095	TF	3.7	6.0	6.3	7.0	7.3	7.0	7.0	7.3	7.3	6.0	6.3	7.0
BARROBUSTO	TF	3.7	6.3	6.7	7.7	7.3	7.0	7.0	7.0	6.7	6.0	6.0	5.7
MRSL TF15	TF	4.3	6.3	6.3	7.7	7.0	7.0	7.7	7.3	7.0	6.7	6.3	6.3
TITANIUM 2LS	TF	4.3	6.7	6.3	7.7	7.7	7.0	8.0	7.3	7.3	6.3	5.7	6.7
LTP-SYN-A3	TF	4.3	7.0	7.3	7.3	7.0	7.0	7.7	7.7	7.3	6.7	5.7	6.0
NONET	TF	4.3	6.7	6.7	7.3	6.7	6.7	7.3	7.3	6.3	6.3	5.3	6.0
PST-R511	TF	3.0	5.3	5.3	7.3	7.0	6.3	7.0	6.7	6.7	6.7	6.0	6.7
RS4	TF	3.7	6.7	6.7	7.0	7.3	7.7	8.0	7.3	6.0	6.3	5.3	6.0
THUNDERSTRUCK	TF	4.3	7.3	7.0	7.3	7.7	7.0	7.3	7.3	6.7	6.0	5.7	6.7
DLFPS 321/3677	TF	3.7	6.7	6.3	7.0	7.0	6.7	7.0	6.7	6.3	6.0	5.7	5.7
STETSON II	TF	3.7	6.3	6.3	7.0	7.0	7.0	7.3	7.0	7.0	7.0	5.7	5.7
PST-5SDS	TF	3.3	6.0	6.3	7.0	7.0	6.7	7.0	6.3	6.3	6.0	6.0	6.0
THOR	TF	4.0	7.3	7.3	7.0	7.0	7.0	7.3	7.3	7.0	6.3	5.7	6.3
CATALYST	TF	3.7	6.3	5.7	7.7	7.0	6.7	7.0	6.7	6.7	6.7	5.7	6.0
KINGDOM	TF	4.0	6.7	6.7	7.0	7.3	6.7	7.0	6.7	6.3	6.3	5.3	5.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.3	5.3	5.3	5.3	5.3	6.0	5.7	5.3	4.7	5.3	4.7	5.0
LSD VALUE		1.2	1.7	1.3	1.4	1.1	1.2	1.7	1.6	3.3	2.1	1.4	3.2
C.V. (%)		13.6	11.8	10.0	9.0	7.7	7.4	9.9	10.2	17.6	11.9	10.1	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 4C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN									QUALITY RATINGS DURING RECOVERY			
		8/1	8/8	8/22	8/29	9/5	9/12	9/19	9/26	10/1	?><?>	11/4	12/3	MEAN
DLFPS 321/3679	TF	6.7	5.7	4.3	4.0	4.7	4.3	5.3	5.7	6.0	6.7	7.0	8.0	6.4
SUPERSONIC	TF	6.0	5.0	4.7	4.3	5.3	4.3	6.0	6.3	6.0	7.0	7.0	8.0	6.4
GO-AOMK	TF	6.3	5.3	4.7	4.0	5.0	5.0	5.3	5.3	5.7	6.7	6.3	7.7	6.2
DLFPS 321/3678	TF	6.0	5.3	4.3	3.7	4.3	3.7	5.3	5.7	5.0	6.0	6.7	7.7	6.1
BAR FA 121095	TF	6.0	5.7	5.0	4.0	4.7	4.3	5.0	5.0	5.7	6.7	6.7	7.7	6.0
BARROBUSTO	TF	6.0	5.7	4.3	4.0	4.3	4.7	5.7	6.3	5.7	6.3	6.0	7.3	6.0
MRSL TF15	TF	6.0	5.0	4.3	3.7	4.3	4.0	5.3	5.3	5.0	6.0	6.7	7.7	6.0
TITANIUM 2LS	TF	6.3	4.3	4.3	4.0	4.7	3.3	4.7	5.3	5.3	6.3	6.0	7.7	6.0
LTP-SYN-A3	TF	6.3	4.7	4.0	3.7	4.3	3.3	4.3	5.3	5.3	6.3	6.0	7.3	5.9
NONET	TF	5.0	4.3	4.3	4.0	4.7	3.7	5.0	5.3	5.0	6.0	6.3	7.7	5.8
PST-R511	TF	6.3	5.3	4.3	4.0	5.0	4.0	5.0	5.3	5.3	7.0	7.0	7.7	5.8
RS4	TF	5.7	4.7	4.7	4.0	4.7	4.3	4.7	5.3	5.0	5.7	5.0	7.3	5.8
THUNDERSTRUCK	TF	6.0	4.3	4.0	3.7	4.3	3.3	4.7	4.7	4.7	5.3	5.3	7.3	5.8
DLFPS 321/3677	TF	5.7	5.0	4.7	4.3	4.3	4.3	4.7	5.3	5.0	6.0	5.3	7.3	5.7
STETSON II	TF	5.7	5.3	4.0	3.7	3.7	3.3	4.7	5.0	5.0	6.0	5.7	8.0	5.7
PST-5SDS	TF	5.7	4.7	4.0	3.7	4.0	3.7	4.7	5.0	5.0	6.3	6.3	7.3	5.6
THOR	TF	5.7	4.0	4.0	3.3	3.7	3.3	3.7	4.0	4.7	5.7	5.3	7.3	5.6
CATALYST	TF	5.7	4.7	4.0	3.3	4.0	3.0	3.7	4.0	4.0	4.7	6.0	7.7	5.5
KINGDOM	TF	5.3	4.3	4.0	3.3	3.7	3.3	4.3	5.0	5.0	5.7	5.7	7.0	5.5
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.7	4.3	3.7	3.7	4.0	3.3	4.3	4.3	4.3	5.3	5.7	7.7	4.9
LSD VALUE		3.2	3.7	2.2	2.4	1.9	2.8	2.6	3.1	3.0	2.8	1.2	2.9	1.2
C.V. (%)		16.6	22.5	15.6	17.9	16.0	25.0	19.6	20.5	18.4	16.1	10.2	10.1	8.3

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.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2019 DATA

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

NAME		PRE-DROUGHT PERCENT COVER					PERCENT GREEN COVER DURING DRY DOWN					
		2/22	3/28	4/16	5/29	6/5	6/13	6/20	6/27	7/4	7/11	7/18
DLFPS 321/3679	TF	52.0	91.0	91.0	97.7	95.7	95.0	94.7	94.7	94.7	88.7	88.0
SUPERSONIC	TF	46.3	87.7	88.3	98.3	96.7	95.7	94.3	93.3	92.0	84.3	85.7
GO-AOMK	TF	53.7	92.7	91.0	96.3	94.3	93.7	91.0	90.7	90.0	82.3	80.3
DLFPS 321/3678	TF	55.0	93.3	93.7	96.7	95.3	92.7	92.3	91.3	93.3	87.3	85.3
BAR FA 121095	TF	41.3	87.3	93.0	97.0	95.7	93.7	91.7	90.3	93.3	85.7	85.7
BARROBUSTO	TF	51.7	88.0	93.0	98.7	95.3	95.0	94.0	93.0	88.3	79.0	82.3
MRSL TF15	TF	50.7	88.7	91.0	96.7	95.3	94.0	92.7	92.3	91.7	84.3	79.0
TITANIUM 2LS	TF	53.0	90.0	91.0	98.0	97.0	95.7	95.0	94.0	93.3	83.7	78.0
LTP-SYN-A3	TF	51.0	89.7	91.0	96.7	95.3	93.3	91.0	91.3	91.3	85.7	82.3
NONET	TF	52.0	87.7	90.7	96.0	94.3	91.7	90.3	90.7	89.3	81.0	79.3
PST-R511	TF	35.3	76.0	88.3	97.7	97.3	92.7	91.0	92.3	92.0	88.0	68.7
RS4	TF	39.0	87.7	90.7	96.0	96.3	95.3	92.7	91.7	85.7	81.3	79.7
THUNDERSTRUCK	TF	45.7	88.3	91.0	95.3	95.3	93.7	90.0	89.7	86.3	81.7	83.0
DLFPS 321/3677	TF	40.7	84.7	88.3	97.0	96.0	94.3	92.0	91.3	85.0	79.3	82.0
STETSON II	TF	49.3	85.7	91.0	97.3	95.0	93.3	90.7	91.7	89.7	81.3	78.3
PST-5SDS	TF	43.7	81.0	89.0	97.0	95.3	93.0	89.0	89.7	91.0	85.7	83.0
THOR	TF	46.7	89.7	91.0	95.0	95.3	93.7	91.0	91.3	91.7	86.0	81.0
CATALYST	TF	41.3	78.3	88.7	96.7	95.3	91.3	89.3	90.3	92.0	85.0	84.0
KINGDOM	TF	50.7	86.7	89.3	95.7	95.3	92.7	90.3	89.3	86.7	81.0	79.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		55.0	76.0	86.7	90.7	90.3	84.7	85.0	86.7	74.7	70.3	67.3
LSD VALUE		6.8	11.8	11.1	7.4	7.6	9.3	11.4	10.9	17.1	14.9	31.4
C.V. (%)		8.7	6.6	3.8	2.8	2.6	3.8	4.3	3.7	7.4	7.1	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 4C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT RIVERSIDE, CA 1/
2019 DATA

NAME		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/									PERCENT COVER DURING RECOVERY	
		7/25	8/1	8/15	8/22	8/29	9/5	9/19	9/26	10/1	11/4	12/3
DLFPS 321/3679	TF	89.3	79.3	58.7	50.7	65.7	58.0	80.3	4.0	84.0	89.0	89.3
SUPERSONIC	TF	86.3	72.0	62.7	59.3	73.3	67.7	88.3	3.7	85.3	89.3	89.0
GO-AOMK	TF	77.3	66.3	54.0	48.3	66.0	71.7	80.0	3.7	83.7	88.7	89.7
DLFPS 321/3678	TF	87.3	76.7	56.7	50.0	64.3	70.0	74.0	3.3	81.0	89.7	89.3
BAR FA 121095	TF	88.3	78.7	62.7	56.0	69.7	65.0	79.3	3.3	83.7	87.7	87.7
BARROBUSTO	TF	82.3	71.3	52.0	47.7	64.3	49.0	78.0	3.3	82.7	86.7	88.3
MRSL TF15	TF	79.3	67.7	56.7	49.3	62.3	58.7	78.3	3.7	83.3	89.7	90.3
TITANIUM 2LS	TF	82.0	71.3	54.3	45.7	58.0	60.0	73.0	5.3	82.3	88.3	88.0
LTP-SYN-A3	TF	81.3	70.7	53.7	47.3	59.0	54.0	72.0	3.3	84.0	88.3	89.3
NONET	TF	73.3	59.0	52.3	45.3	58.0	65.7	76.3	4.3	82.3	84.0	88.7
PST-R511	TF	86.3	74.7	65.7	59.3	71.3	66.7	87.3	3.7	85.7	90.0	88.7
RS4	TF	73.3	56.7	57.7	47.0	59.0	57.0	74.3	4.3	81.7	80.0	87.7
THUNDERSTRUCK	TF	78.7	62.3	43.7	34.3	48.0	50.7	63.7	3.0	77.3	79.7	90.0
DLFPS 321/3677	TF	73.3	57.0	45.7	44.7	63.7	69.0	73.0	4.0	81.3	79.7	89.3
STETSON II	TF	77.3	68.0	45.7	41.3	54.3	66.7	68.0	4.0	78.3	86.0	87.0
PST-5SDS	TF	81.7	66.3	56.0	47.3	58.7	70.3	75.3	3.3	81.0	87.0	88.0
THOR	TF	78.3	64.7	40.0	32.0	44.0	61.7	66.0	3.7	78.7	80.0	88.0
CATALYST	TF	80.0	65.0	46.0	39.0	47.3	60.3	62.7	3.7	75.3	85.3	89.3
KINGDOM	TF	75.7	61.7	42.7	39.0	50.3	65.3	69.0	3.7	80.0	86.7	89.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		69.3	60.3	46.7	40.0	53.7	53.3	63.0	3.7	78.0	86.3	88.3
LSD VALUE		22.6	42.2	32.3	36.8	32.2	46.7	36.5	3.6	14.4	15.7	2.9
C.V. (%)		10.6	19.5	22.0	27.0	20.6	22.5	16.8	28.2	5.9	6.6	1.4

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 5A.

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		PRE-DROUGHT QUALITY				QUALITY RATINGS DURING DRY DOWN				
		5/17	5/30	6/5	6/12	6/20	6/27	7/3	7/10	7/18
MIDNIGHT	KB	6.0	6.3	5.7	4.7	5.3	5.3	4.0	4.7	3.7
PST-R511	TF	5.3	6.7	5.3	4.7	4.7	5.3	4.0	4.0	4.0
PST-K13-137	KB	6.0	6.0	5.0	5.0	5.3	5.0	4.3	4.3	3.3
BAR PP 110358	KB	6.3	6.0	5.0	4.3	4.7	4.3	3.3	4.0	3.7
DLFPS 321/3678	TF	6.3	7.0	5.3	4.7	5.0	5.3	3.0	3.3	3.3
KINGDOM	TF	5.3	6.3	5.3	5.0	5.3	5.7	3.7	4.3	3.0
PST-K13-141	KB	5.7	6.0	4.7	4.7	4.3	5.0	4.3	4.0	2.7
SUPERSONIC	TF	6.0	6.0	5.3	4.3	4.7	5.3	3.7	4.0	2.7
BARRARI	KB	6.3	6.3	5.3	4.3	4.3	4.7	3.7	4.0	3.0
BABE	KB	5.3	6.0	5.0	4.0	4.3	4.3	3.7	4.0	3.0
DLFPS 321/3677	TF	5.7	6.0	5.7	4.3	5.0	5.3	3.7	4.0	2.3
THOR	TF	5.7	6.3	5.3	3.7	4.0	4.7	3.0	3.3	4.0
PST-5SDS	TF	5.3	5.3	5.0	3.7	4.3	4.3	3.3	3.3	3.3
EVEREST	KB	6.0	5.7	5.0	4.3	4.3	4.7	3.7	3.7	3.3
DAUNTLESS	KB	5.7	6.0	5.3	4.3	4.7	5.0	3.7	3.7	2.7
STETSON II	TF	5.7	6.0	5.3	4.0	4.0	4.3	3.0	4.0	3.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.3	6.3	5.3	4.0	4.7	4.7	3.3	3.3	3.3
PST-K13-143	KB	7.0	7.0	5.7	3.7	5.0	4.7	3.0	3.3	3.0
LTP-SYN-A3	TF	5.0	5.3	4.7	4.0	4.3	4.3	3.0	3.3	2.7
DLFPS 321/3679	TF	5.7	6.3	5.3	4.3	5.3	5.0	3.3	3.7	2.3
MRSL TF15	TF	5.3	5.7	5.0	4.0	4.7	5.0	2.7	3.7	2.3
NAI-13-14	KB	6.0	7.0	6.0	4.3	5.0	5.3	3.7	3.3	2.3
CATALYST	TF	5.7	6.3	5.0	3.7	3.7	4.3	3.3	3.3	3.3
TITANIUM 2LS	TF	5.3	5.3	5.0	3.7	4.7	4.3	3.0	3.7	2.3
NAI-13-132	KB	6.3	6.0	5.3	3.7	4.3	4.3	2.7	3.0	2.3
NONET	TF	6.3	6.3	5.3	4.3	4.3	4.7	3.3	3.0	2.7
BLUE NOTE	KB	5.3	5.3	5.0	3.7	4.0	4.7	2.7	3.0	2.7
GO-AOMK	TF	6.3	7.0	5.7	4.0	4.3	4.7	3.0	2.7	2.0
BARROBUSTO	TF	5.7	6.0	5.7	4.0	5.0	5.0	3.0	3.0	2.3
THUNDERSTRUCK	TF	5.0	5.7	4.7	3.3	3.7	4.3	3.0	3.0	3.0
PST-K11-118	KB	6.0	7.0	5.7	4.3	4.3	4.7	2.7	2.3	1.7
PST-K15-169	KB	4.7	5.7	5.0	4.3	4.0	4.7	3.0	3.0	2.3
RS4	TF	4.3	4.3	4.0	3.7	4.0	3.7	3.3	3.0	3.0
BAR FA 121095	TF	6.3	6.3	5.3	3.7	4.0	4.3	3.0	2.3	1.7
BLUE DEVIL	KB	5.3	5.7	4.7	4.0	4.3	4.3	2.7	3.0	2.3
LSD VALUE		3.2	4.0	3.5	2.7	2.5	3.1	3.5	3.4	2.3
C.V. (%)		16.7	17.9	16.3	18.1	17.3	17.4	27.5	28.3	30.2

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

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

TABLE 5A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		7/26	8/2	8/8	QUALITY RATINGS DURING DRY DOWN	8/13	8/20	8/27	9/4	9/10	9/18
MIDNIGHT	KB	3.7	3.0	3.0		3.3	2.3	3.0	2.3	3.0	2.0
PST-R511	TF	3.3	3.0	3.3		3.0	3.3	2.3	2.3	3.7	2.0
PST-K13-137	KB	3.7	2.7	3.0		2.7	2.3	2.3	2.7	3.0	2.3
BAR PP 110358	KB	4.0	2.7	3.0		3.3	2.7	2.3	2.7	3.0	2.3
DLFPS 321/3678	TF	4.0	2.7	3.0		3.0	2.7	2.0	2.0	2.3	2.0
KINGDOM	TF	3.0	2.7	3.3		2.7	2.7	2.0	2.3	3.0	2.0
PST-K13-141	KB	3.3	2.3	2.7		2.7	2.7	3.0	3.0	3.0	2.3
SUPERSONIC	TF	2.7	2.3	3.0		2.3	2.7	2.7	2.7	3.0	2.3
BARRARI	KB	3.7	2.0	2.7		2.7	2.7	2.3	2.7	3.0	2.3
BABE	KB	3.3	2.7	2.7		2.3	2.7	2.7	2.3	3.0	2.0
DLFPS 321/3677	TF	2.7	2.0	2.7		2.7	3.0	2.3	2.7	3.0	2.3
THOR	TF	4.3	2.3	3.0		2.7	2.7	2.3	2.0	2.7	2.3
PST-5SDS	TF	3.0	2.3	3.3		3.0	3.0	2.0	2.7	3.7	2.3
EVEREST	KB	3.0	2.3	2.7		3.0	2.7	2.3	2.7	3.0	2.3
DAUNTLESS	KB	3.0	2.0	2.3		2.3	2.3	2.7	2.0	3.0	2.0
STETSON II	TF	3.3	2.3	2.7		2.3	2.7	2.0	2.0	3.0	2.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		3.3	1.7	2.7		2.7	2.7	2.0	2.0	2.3	2.0
PST-K13-143	KB	2.7	1.7	2.0		2.0	2.3	2.3	2.0	2.7	2.3
LTP-SYN-A3	TF	3.0	2.7	2.7		2.3	3.0	2.3	2.3	3.7	2.3
DLFPS 321/3679	TF	2.7	1.7	2.0		2.0	2.0	2.7	2.3	3.0	2.0
MRSI TF15	TF	3.0	2.3	2.0		2.3	2.7	2.3	2.3	3.0	2.0
NAI-13-14	KB	2.7	1.3	2.3		2.0	2.3	2.0	2.0	2.3	2.0
CATALYST	TF	3.7	2.0	2.3		2.0	2.7	2.0	2.0	2.7	2.0
TITANIUM 2LS	TF	2.7	2.0	2.0		2.3	2.7	2.7	2.7	3.0	2.0
NAI-13-132	KB	3.0	2.0	2.0		2.3	2.7	2.3	2.3	2.7	2.3
NONET	TF	2.7	2.0	2.0		2.0	2.3	2.0	2.0	2.3	2.3
BLUE NOTE	KB	3.0	2.0	2.3		2.0	2.7	2.7	2.3	3.0	2.0
GO-AOMK	TF	2.0	1.0	2.3		2.0	2.3	2.0	2.0	2.3	2.3
BARROBUSTO	TF	2.0	1.3	1.3		1.7	2.3	2.0	2.0	2.3	2.0
THUNDERSTRUCK	TF	3.0	1.7	2.3		2.0	2.3	2.3	2.0	2.3	2.3
PST-K11-118	KB	2.0	1.0	1.7		1.7	2.3	2.0	2.0	2.3	2.0
PST-K15-169	KB	2.3	1.3	2.0		2.0	2.0	2.0	2.3	2.0	2.0
RS4	TF	2.7	2.0	3.0		2.3	2.7	2.3	2.0	2.7	2.0
BAR FA 121095	TF	1.7	1.0	1.7		1.7	2.3	2.0	2.3	2.3	2.0
BLUE DEVIL	KB	2.3	1.7	1.7		2.0	2.3	2.0	2.0	2.0	2.0
LSD VALUE		1.5	1.9	1.1		2.4	2.3	1.0	1.4	0.8	1.6
C.V. (%)		24.3	37.2	23.7		31.6	22.3	17.7	20.3	15.7	17.5

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

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

TABLE 5A. PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 40% OF ET
 (CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
 2019 DATA

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

NAME		QUALITY RATINGS DURING RECOVERY PERIOD					11/13	MEAN
		9/24	10/2	10/8	10/15	10/22		
MIDNIGHT	KB	3.0	3.0	3.3	3.0	3.3	3.0	3.8
PST-R511	TF	2.7	3.0	3.0	3.0	3.0	3.0	3.7
PST-K13-137	KB	3.0	3.0	3.0	3.3	3.0	3.0	3.7
BAR PP 110358	KB	2.7	3.3	3.0	3.3	3.0	2.3	3.6
DLFPS 321/3678	TF	2.3	3.3	3.3	3.0	3.3	2.7	3.6
KINGDOM	TF	2.3	2.3	3.3	3.0	3.3	3.0	3.6
PST-K13-141	KB	2.3	3.0	3.0	3.3	3.7	3.3	3.6
SUPERSONIC	TF	2.7	2.7	3.0	3.3	3.7	3.0	3.5
BARRARI	KB	2.0	3.0	3.0	3.0	3.0	2.7	3.5
BABE	KB	2.3	3.0	3.3	3.3	3.3	3.0	3.4
DLFPS 321/3677	TF	2.0	2.7	2.7	3.0	3.0	3.3	3.4
THOR	TF	2.3	3.3	2.7	3.0	3.0	2.3	3.4
PST-5SDS	TF	3.3	2.7	3.0	3.0	3.0	2.7	3.4
EVEREST	KB	2.7	2.3	2.7	2.7	3.0	2.7	3.4
DAUNTLESS	KB	2.3	3.3	2.7	3.3	3.0	2.7	3.4
STETSON II	TF	2.3	3.3	3.3	3.0	3.3	2.7	3.4
SR 4650 (P.RYEGRASS STANDARD ENTRY)		2.7	3.0	3.0	3.0	3.0	2.7	3.4
PST-K13-143	KB	2.7	2.7	3.0	3.0	2.7	2.7	3.3
LTP-SYN-A3	TF	2.0	3.0	3.0	3.0	3.3	2.7	3.3
DLFPS 321/3679	TF	2.0	2.7	3.0	3.0	3.0	3.0	3.3
MRSL TF15	TF	2.7	2.7	3.0	3.0	3.3	2.3	3.3
NAI-13-14	KB	2.3	2.7	2.7	3.0	2.3	2.3	3.3
CATALYST	TF	2.3	3.0	3.0	3.0	3.3	2.7	3.2
TITANIUM 2LS	TF	2.3	2.7	3.0	3.0	3.3	2.3	3.2
NAI-13-132	KB	2.7	2.7	2.7	3.0	3.0	2.3	3.2
NONET	TF	2.0	3.0	2.7	2.7	2.7	2.7	3.2
BLUE NOTE	KB	2.3	3.0	2.7	3.0	3.3	2.7	3.2
GO-AOMK	TF	2.3	2.3	2.7	2.3	2.7	2.0	3.1
BARROBUSTO	TF	2.0	3.0	2.7	2.3	2.7	2.7	3.0
THUNDERSTRUCK	TF	2.3	2.7	2.7	2.3	2.7	2.3	3.0
PST-K11-118	KB	2.0	2.7	2.7	2.7	2.3	2.3	3.0
PST-K15-169	KB	2.3	2.7	2.7	2.7	2.7	2.3	2.9
RS4	TF	2.0	2.3	3.0	2.3	3.0	2.3	2.9
BAR FA 121095	TF	2.0	2.7	2.7	2.7	2.7	2.3	2.9
BLUE DEVIL	KB	2.0	3.0	2.3	2.7	2.3	2.0	2.9
LSD VALUE		1.5	3.1	3.3	2.8	2.0	1.6	1.3
C.V. (%)		21.8	24.4	23.8	22.3	19.8	19.9	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 5A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN RATINGS									
		5/25	6/12	6/20	6/27	7/3	7/10	7/18	7/26	8/2	8/8
MIDNIGHT	KB	76.7	71.7	75.0	81.7	63.3	66.7	46.7	36.7	25.0	28.3
PST-R511	TF	80.0	70.0	68.3	73.3	60.0	58.3	50.0	50.0	36.7	43.3
PST-K13-137	KB	76.7	73.3	71.7	78.3	60.0	66.7	53.3	43.3	28.3	30.0
BAR PP 110358	KB	71.7	55.0	63.3	66.7	50.0	55.0	50.0	46.7	26.7	31.7
DLFPS 321/3678	TF	80.0	55.0	65.0	70.0	43.3	50.0	43.3	50.0	28.3	33.3
KINGDOM	TF	78.3	73.3	73.3	75.0	58.3	55.0	41.7	43.3	31.7	36.7
PST-K13-141	KB	71.7	71.7	71.7	71.7	58.3	55.0	45.0	41.7	25.0	35.0
SUPERSONIC	TF	73.3	68.3	66.7	71.7	55.0	51.7	40.0	40.0	28.3	31.7
BARRARI	KB	76.7	60.0	65.0	70.0	55.0	53.3	40.0	38.3	25.0	30.0
BABE	KB	73.3	63.3	65.0	70.0	56.7	58.3	41.7	43.3	25.0	26.7
DLFPS 321/3677	TF	75.0	70.0	70.0	75.0	56.7	53.3	40.0	33.3	25.0	35.0
THOR	TF	78.3	53.3	60.0	65.0	50.0	48.3	50.0	55.0	30.0	33.3
PST-SSDS	TF	71.7	61.7	61.7	63.3	50.0	50.0	41.7	40.0	35.0	36.7
EVEREST	KB	71.7	60.0	63.3	66.7	55.0	51.7	41.7	40.0	28.3	33.3
DAUNTLESS	KB	76.7	70.0	71.7	73.3	53.3	53.3	40.0	33.3	25.0	28.3
STETSON II	TF	75.0	55.0	60.0	63.3	48.3	53.3	43.3	41.7	28.3	28.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		78.3	53.3	61.7	71.7	46.7	50.0	38.3	40.0	23.3	28.3
PST-K13-143	KB	80.0	55.0	61.7	70.0	43.3	41.7	35.0	30.0	16.7	23.3
LTP-SYN-A3	TF	70.0	56.7	61.7	66.7	50.0	51.7	33.3	36.7	26.7	30.0
DLFPS 321/3679	TF	75.0	68.3	70.0	76.7	55.0	55.0	31.7	30.0	20.0	23.3
MRSL TF15	TF	70.0	61.7	68.3	73.3	50.0	48.3	35.0	38.3	23.3	25.0
NAI-13-14	KB	85.0	63.3	66.7	75.0	55.0	46.7	31.7	28.3	20.0	26.7
CATALYST	TF	75.0	53.3	58.3	65.0	46.7	48.3	45.0	41.7	25.0	25.0
TITANIUM 2LS	TF	70.0	66.7	66.7	73.3	48.3	56.7	33.3	40.0	20.0	25.0
NAI-13-132	KB	76.7	51.7	58.3	70.0	41.7	45.0	35.0	30.0	21.7	25.0
NONET	TF	76.7	55.0	61.7	66.7	48.3	46.7	36.7	36.7	23.3	23.3
BLUE NOTE	KB	71.7	63.3	68.3	70.0	48.3	50.0	40.0	36.7	25.0	33.3
GO-AOMK	TF	80.0	58.3	60.0	68.3	46.7	38.3	25.0	23.3	16.7	20.0
BARROBUSTO	TF	81.7	58.3	61.7	71.7	46.7	45.0	26.7	21.7	18.3	21.7
THUNDERSTRUCK	TF	71.7	53.3	60.0	63.3	46.7	45.0	41.7	41.7	21.7	21.7
PST-K11-118	KB	78.3	58.3	58.3	68.3	46.7	38.3	21.7	18.3	16.7	18.3
PST-K15-169	KB	76.7	60.0	63.3	66.7	48.3	43.3	31.7	30.0	21.7	25.0
RS4	TF	60.0	60.0	60.0	60.0	55.0	53.3	45.0	36.7	28.3	31.7
BAR FA 121095	TF	78.3	53.3	55.0	65.0	46.7	38.3	21.7	20.0	15.0	20.0
BLUE DEVIL	KB	70.0	51.7	58.3	63.3	46.7	43.3	31.7	26.7	20.0	23.3
LSD VALUE		18.4	20.0	23.1	13.5	39.7	38.7	46.4	46.8	31.4	41.0
C.V. (%)		9.0	14.6	12.2	8.8	20.4	23.0	35.4	39.2	36.7	38.3

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

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

TABLE 5A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN RATINGS							PERCENT GREEN COVER DURING RECOVERY			
		8/13	8/27	9/4	9/10	9/18	9/24	10/2	10/8	10/15	10/22	11/11
MIDNIGHT	KB	26.7	43.0	20.3	32.3	53.3	65.7	67.7	69.3	66.7	70.3	68.3
PST-R511	TF	33.3	37.7	39.3	51.0	43.7	68.3	70.3	76.3	71.0	75.7	69.7
PST-K13-137	KB	28.3	33.0	23.0	33.7	52.7	66.0	69.3	70.0	68.0	73.0	67.3
BAR PP 110358	KB	31.7	42.0	27.3	44.0	48.3	74.7	69.3	70.0	63.7	74.0	67.7
DLFPS 321/3678	TF	28.3	35.0	19.7	29.3	35.0	71.7	75.3	65.7	71.7	69.7	64.7
KINGDOM	TF	28.3	29.3	35.0	36.7	36.0	64.3	69.0	69.3	64.7	69.3	66.7
PST-K13-141	KB	28.3	42.0	28.7	36.0	55.7	68.3	70.7	70.3	66.0	69.7	74.3
SUPERSONIC	TF	26.7	33.3	31.3	30.0	49.3	76.3	71.0	64.3	73.0	67.0	69.7
BARRARI	KB	26.7	38.3	26.3	43.0	42.3	69.0	67.7	69.3	62.3	67.0	64.7
BABE	KB	26.7	34.3	27.3	32.0	38.7	68.7	65.0	63.3	62.3	68.0	66.0
DLFPS 321/3677	TF	26.7	42.3	20.0	41.0	53.0	71.3	67.0	59.7	63.3	64.3	69.3
THOR	TF	25.0	38.7	20.0	24.0	24.7	67.3	70.7	64.7	64.0	64.3	59.0
PST-5SDS	TF	30.0	28.7	41.7	50.0	45.7	69.7	69.3	71.7	68.3	68.7	69.3
EVEREST	KB	23.3	37.3	26.3	40.3	33.3	67.0	64.7	65.3	60.7	71.7	64.3
DAUNTLESS	KB	23.3	38.7	25.0	34.3	50.0	67.7	68.7	69.7	71.0	71.7	71.7
STETSON II	TF	25.0	23.3	16.0	18.7	31.7	69.0	68.7	71.3	67.0	64.3	68.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		21.7	32.7	22.0	22.7	42.7	73.0	66.7	61.7	55.3	64.0	61.7
PST-K13-143	KB	20.0	30.7	21.7	28.7	34.0	72.3	63.3	63.0	55.0	62.0	59.3
LTP-SYN-A3	TF	23.3	35.3	39.0	50.7	42.7	63.7	67.3	76.0	58.3	74.0	63.7
DLFPS 321/3679	TF	25.0	38.3	18.3	37.0	52.0	68.0	67.3	61.3	62.7	69.3	61.3
MRSLS TF15	TF	20.0	40.0	32.0	38.0	45.7	64.0	66.7	71.7	63.7	66.0	63.3
NAI-13-14	KB	23.3	27.7	9.0	23.3	32.7	63.0	60.0	68.3	55.3	60.0	64.0
CATALYST	TF	21.7	24.3	13.3	18.7	33.0	69.0	62.3	66.7	57.3	63.3	65.3
TITANIUM 2LS	TF	25.0	41.7	29.0	36.7	49.7	76.7	70.7	64.7	68.3	64.0	65.7
NAI-13-132	KB	20.0	35.0	22.0	32.7	39.0	69.7	63.7	68.7	56.7	69.0	64.3
NONET	TF	21.7	21.0	7.3	22.7	30.3	57.7	56.0	59.0	57.7	58.7	54.3
BLUE NOTE	KB	21.7	35.7	28.7	34.3	43.0	67.7	64.7	64.7	62.7	72.0	66.3
GO-AOMK	TF	16.7	20.3	9.3	23.3	34.7	55.7	53.0	60.3	55.0	61.3	51.3
BARROBUSTO	TF	15.0	23.3	6.0	15.7	34.7	59.0	52.3	52.7	51.0	48.7	49.7
THUNDERSTRUCK	TF	16.7	22.7	8.7	18.0	20.7	44.7	53.3	60.7	46.7	47.7	46.7
PST-K11-118	KB	11.7	17.0	12.7	21.0	31.0	56.7	53.7	56.0	50.7	50.0	61.3
PST-K15-169	KB	18.3	20.7	15.3	22.0	23.7	58.0	59.0	58.7	51.3	53.3	55.3
RS4	TF	25.0	47.0	25.3	23.3	26.0	47.3	70.3	69.0	61.3	64.0	62.7
BAR FA 121095	TF	11.7	22.0	10.0	27.7	32.7	58.3	49.0	52.0	52.7	51.3	52.3
BLUE DEVIL	KB	20.0	22.7	12.0	23.0	33.0	58.3	57.7	64.7	50.7	65.3	65.0
LSD VALUE		26.9	50.8	37.8	26.0	40.4	29.2	44.6	32.7	35.1	43.0	23.1
C.V. (%)		36.3	44.6	63.7	38.4	36.5	16.5	18.9	15.1	18.4	19.6	14.3

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

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

TABLE 5B.

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		PRE-DROUGHT QUALITY				QUALITY RATINGS DURING DRY DOWN				
		5/17	5/30	6/5	6/12	6/20	6/27	7/3	7/10	7/18
PST-K13-143	KB	6.3	6.7	5.7	5.3	5.3	5.3	4.7	5.0	4.7
DLFPS 321/3678	TF	6.3	6.0	5.0	4.7	5.3	5.0	4.7	4.7	5.3
DLFPS 321/3679	TF	6.3	7.0	6.0	5.7	5.7	5.7	4.3	5.0	4.7
TITANIUM 2LS	TF	6.0	6.0	5.7	5.0	5.3	5.0	4.7	5.3	5.0
BABE	KB	5.3	5.7	5.3	4.7	5.0	5.0	4.3	5.3	4.7
BLUE DEVIL	KB	5.3	6.3	5.3	5.0	5.3	4.7	5.0	5.0	5.0
THOR	TF	6.0	5.3	5.0	4.7	5.0	4.7	5.0	4.7	5.0
BAR PP 110358	KB	6.0	6.0	5.0	4.5	5.0	4.7	4.3	5.0	4.3
NAI-13-132	KB	6.0	6.0	5.3	4.3	4.7	4.7	4.3	4.3	4.7
MIDNIGHT	KB	5.7	5.7	4.7	5.0	5.0	4.7	4.3	4.7	4.3
BAR FA 121095	TF	7.0	6.7	6.0	4.7	5.3	5.0	4.7	4.3	4.3
PST-K13-137	KB	6.0	5.3	4.3	4.3	5.0	4.3	4.3	4.3	4.0
BARRARI	KB	6.3	6.3	5.7	5.0	5.0	4.7	4.7	4.3	3.7
MRSL TF15	TF	5.3	5.3	5.0	4.7	5.3	5.0	5.0	4.7	5.0
PST-K11-118	KB	6.0	6.7	5.3	4.7	5.3	4.0	5.0	4.3	4.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.7	5.3	4.7	4.3	5.0	4.7	4.0	4.3	4.7
PST-K13-141	KB	5.0	5.3	5.0	4.3	4.7	4.7	4.3	4.3	4.7
PST-K15-169	KB	5.7	6.0	5.0	5.0	5.0	4.7	4.3	4.3	3.7
THUNDERSTRUCK	TF	5.7	5.7	5.3	5.3	5.0	4.3	4.3	4.0	4.0
LTP-SYN-A3	TF	5.7	5.7	4.7	4.7	5.0	5.0	4.7	4.3	4.3
RS4	TF	6.0	6.0	5.0	5.0	5.0	4.7	5.0	4.7	4.3
STETSON II	TF	6.0	5.7	5.0	5.0	5.0	4.7	4.3	3.7	3.7
SUPERSONIC	TF	5.3	5.3	4.7	4.7	4.3	4.3	4.0	4.7	4.3
NONET	TF	5.7	6.0	5.3	4.7	4.7	4.7	4.0	4.0	4.0
BARROBUSTO	TF	5.3	5.3	4.7	4.7	4.7	4.7	4.3	4.0	3.7
EVEREST	KB	4.7	5.0	4.3	3.7	4.3	3.7	3.3	3.7	3.7
DLFPS 321/3677	TF	5.3	5.7	4.7	4.7	5.0	4.7	4.0	4.7	4.0
PST-5SDS	TF	5.3	5.3	4.3	5.0	4.7	4.3	4.3	4.0	3.7
GO-AOMK	TF	6.0	6.3	5.3	4.3	4.7	4.3	4.3	4.0	3.7
BLUE NOTE	KB	5.0	5.3	4.7	4.3	4.7	4.0	3.7	4.3	3.7
KINGDOM	TF	5.0	5.0	4.7	4.7	5.0	4.7	4.0	4.3	3.7
CATALYST	TF	4.3	4.3	3.7	3.3	4.0	4.0	3.7	3.3	4.0
DAUNTLESS	KB	5.3	5.7	4.3	4.0	4.3	4.0	3.3	3.7	3.7
NAI-13-14	KB	5.3	5.7	4.7	4.7	4.7	4.7	4.0	3.7	4.0
PST-R511	TF	5.0	5.3	4.3	4.0	4.3	4.7	3.7	3.7	3.3
LSD VALUE		2.5	3.7	1.6	2.5	2.7	2.5	2.0	2.5	1.9
C.V. (%)		15.1	17.7	13.9	16.4	14.5	15.5	16.0	18.3	17.5

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

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

TABLE 5B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN								
		7/26	8/2	8/8	8/13	8/20	8/27	9/4	9/10	9/18
PST-K13-143	KB	5.0	4.0	4.7	4.7	4.0	3.7	3.7	3.3	3.3
DLFPS 321/3678	TF	4.7	4.3	4.7	4.7	4.0	3.7	4.0	3.7	3.3
DLFPS 321/3679	TF	4.7	3.3	3.3	3.7	4.0	4.0	3.3	4.0	3.3
TITANIUM 2LS	TF	5.0	3.3	3.7	4.3	4.3	4.3	3.7	4.0	3.0
BABE	KB	5.7	4.3	4.0	4.7	4.3	4.0	3.7	4.0	3.0
BLUE DEVIL	KB	4.7	4.0	5.0	4.3	4.0	4.0	3.7	4.0	3.0
THOR	TF	4.7	3.7	4.3	4.3	3.7	3.7	4.0	3.3	3.3
BAR PP 110358	KB	5.0	4.0	4.3	4.0	4.0	3.7	3.7	3.3	3.0
NAI-13-132	KB	4.7	4.0	4.3	4.0	4.0	3.7	3.7	3.3	3.3
MIDNIGHT	KB	5.0	3.3	4.3	4.7	4.3	4.0	3.3	4.0	3.3
BAR FA 121095	TF	4.0	2.7	4.3	3.7	4.0	4.0	3.0	3.7	3.0
PST-K13-137	KB	5.0	3.7	4.3	4.7	4.7	4.0	3.3	4.0	3.0
BARRARI	KB	4.3	3.0	3.7	4.0	3.7	3.7	3.3	3.3	3.0
MRSL TF15	TF	5.0	3.7	4.0	4.0	4.0	4.3	3.0	3.7	3.0
PST-K11-118	KB	4.3	3.0	4.3	4.3	4.0	4.0	3.0	3.7	3.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.7	3.7	4.3	4.0	4.0	3.7	3.0	3.7	3.3
PST-K13-141	KB	5.0	3.3	4.3	4.0	4.0	3.7	3.3	3.7	3.3
PST-K15-169	KB	4.3	3.0	4.3	4.3	4.0	3.7	3.3	3.3	3.0
THUNDERSTRUCK	TF	4.0	3.3	4.0	4.0	4.0	3.7	3.7	3.3	3.0
LTP-SYN-A3	TF	4.3	3.0	3.7	3.3	3.3	4.0	3.3	3.7	3.0
RS4	TF	4.3	3.0	3.7	3.7	3.7	3.7	3.3	3.0	3.0
STETSON II	TF	4.3	3.0	3.3	3.3	4.0	3.7	3.7	3.7	2.7
SUPERSONIC	TF	4.7	3.3	4.0	3.7	4.0	4.0	3.7	3.7	3.0
NONET	TF	4.0	3.0	3.7	3.7	4.0	3.7	3.7	3.3	3.0
BARROBUSTO	TF	4.0	3.0	3.7	3.7	4.0	3.3	3.3	3.3	3.0
EVEREST	KB	4.3	3.7	4.3	4.7	4.3	4.0	4.0	4.3	3.0
DLFPS 321/3677	TF	4.3	3.0	3.7	3.3	3.3	3.7	3.3	3.3	3.0
PST-5SDS	TF	4.7	2.7	3.7	3.3	4.0	3.3	3.0	3.7	2.7
GO-AOMK	TF	4.3	3.0	4.0	4.0	4.0	3.7	3.0	3.3	3.0
BLUE NOTE	KB	4.7	3.3	4.3	4.7	4.7	4.0	3.3	4.0	2.7
KINGDOM	TF	4.0	3.0	3.7	3.3	4.0	4.0	3.3	3.3	3.0
CATALYST	TF	4.3	3.0	3.3	3.7	4.0	4.0	4.0	4.3	3.0
DAUNTLESS	KB	4.7	3.3	4.0	4.0	4.3	3.7	3.0	4.0	3.0
NAI-13-14	KB	4.0	3.0	3.7	3.3	3.3	3.3	3.3	3.3	3.0
PST-R511	TF	4.0	2.7	3.3	3.0	3.3	3.7	3.3	3.7	2.7
LSD VALUE		1.6	1.8	3.0	1.6	3.3	2.1	3.3	1.2	2.5
C.V. (%)		13.0	20.1	20.0	16.6	19.0	13.6	21.6	13.0	17.4

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 5B. PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 60% OF ET
(CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING RECOVERY PERIOD					11/13	MEAN
		9/24	10/2	10/8	10/15	10/22		
PST-K13-143	KB	3.7	4.0	4.3	4.3	4.7	3.0	4.6
DLFPS 321/3678	TF	3.3	4.0	4.0	5.0	4.3	3.7	4.6
DLFPS 321/3679	TF	3.3	3.7	3.7	4.0	3.7	2.7	4.4
TITANIUM 2LS	TF	3.0	3.7	3.7	3.7	4.0	2.3	4.4
BABE	KB	3.0	3.7	4.0	3.0	4.0	2.3	4.4
BLUE DEVIL	KB	3.0	3.3	3.7	3.3	3.7	2.3	4.4
THOR	TF	3.3	4.3	4.0	4.3	4.3	3.0	4.4
BAR PP 110358	KB	4.0	4.0	4.0	4.0	4.3	3.3	4.4
NAI-13-132	KB	4.0	4.3	4.0	4.0	4.0	3.0	4.3
MIDNIGHT	KB	3.7	3.7	3.3	3.7	4.0	2.7	4.3
BAR FA 121095	TF	2.7	4.0	3.7	3.7	3.7	2.7	4.3
PST-K13-137	KB	3.7	4.0	4.0	3.3	4.0	2.7	4.2
BARRARI	KB	3.3	4.0	4.3	4.0	4.0	3.0	4.2
MRSL TF15	TF	3.3	3.7	3.0	3.7	3.7	2.7	4.2
PST-K11-118	KB	3.0	3.7	3.7	3.7	3.3	2.7	4.2
SR 4650 (P.RYEGRASS STANDARD ENTRY)		3.0	3.7	3.7	4.3	4.7	3.7	4.2
PST-K13-141	KB	3.0	3.7	4.0	4.0	4.0	3.0	4.2
PST-K15-169	KB	3.3	4.0	3.3	3.7	3.7	3.0	4.1
THUNDERSTRUCK	TF	3.0	4.0	3.7	3.7	3.3	2.7	4.1
LTP-SYN-A3	TF	3.3	3.7	3.7	3.7	4.0	2.3	4.1
RS4	TF	2.7	3.7	3.3	3.7	3.3	2.7	4.1
STETSON II	TF	3.3	4.3	3.7	3.7	4.0	3.3	4.1
SUPERSONIC	TF	3.3	3.3	3.7	3.3	3.7	2.7	4.0
NONET	TF	2.7	3.7	3.7	3.7	3.7	3.0	4.0
BARROBUSTO	TF	3.3	4.0	3.7	4.0	4.3	3.0	4.0
EVEREST	KB	4.0	3.7	3.7	3.3	4.0	2.7	4.0
DLFPS 321/3677	TF	3.0	4.0	3.3	3.7	3.7	2.3	4.0
PST-5SDS	TF	3.3	4.3	3.7	3.7	4.3	3.0	4.0
GO-AOMK	TF	2.7	3.3	3.3	3.0	3.3	2.3	4.0
BLUE NOTE	KB	3.0	3.0	3.3	2.7	3.3	2.3	3.9
KINGDOM	TF	3.0	3.3	3.3	3.7	3.7	2.7	3.9
CATALYST	TF	4.0	4.7	3.7	4.3	4.0	3.3	3.9
DAUNTLESS	KB	3.3	3.3	3.0	3.3	3.7	2.7	3.9
NAI-13-14	KB	3.3	3.3	3.3	3.7	3.7	2.3	3.9
PST-R511	TF	3.3	3.3	3.7	3.3	4.0	2.7	3.7
LSD VALUE		1.4	1.1	1.4	1.7	1.5	1.2	0.8
C.V. (%)		16.7	12.5	13.5	17.4	13.9	17.9	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 5B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/									
		PERCENT GREEN COVER DURING DRY DOWN									
NAME		5/25	6/12	6/20	6/27	7/3	7/10	7/18	7/26	8/2	8/8
PST-K13-143	KB	80.0	73.3	71.7	73.3	70.0	73.3	70.0	73.3	53.3	60.0
DLFPS 321/3678	TF	76.7	71.7	71.7	71.7	71.7	75.0	71.7	71.7	58.3	58.3
DLFPS 321/3679	TF	80.0	75.0	75.0	76.7	71.7	75.0	63.3	70.0	45.0	51.7
TITANIUM 2LS	TF	75.0	71.7	71.7	76.7	68.3	75.0	70.0	73.3	53.3	51.7
BABE	KB	71.7	66.7	65.0	75.0	68.3	75.0	66.7	71.7	55.0	60.0
BLUE DEVIL	KB	71.7	68.3	68.3	70.0	73.3	73.3	68.3	70.0	55.0	60.0
THOR	TF	75.0	70.0	70.0	68.3	70.0	71.7	66.7	70.0	55.0	56.7
BAR PP 110358	KB	75.0	71.7	70.0	70.0	70.0	71.7	70.0	68.3	46.7	55.0
NAI-13-132	KB	78.3	68.3	68.3	70.0	70.0	70.0	70.0	66.7	48.3	53.3
MIDNIGHT	KB	68.3	65.0	66.7	71.7	66.7	73.3	66.7	68.3	53.3	60.0
BAR FA 121095	TF	80.0	71.7	73.3	78.3	71.7	73.3	60.0	63.3	35.0	45.0
PST-K13-137	KB	66.7	63.3	65.0	66.7	63.3	71.7	60.0	66.7	51.7	56.7
BARRARI	KB	78.3	70.0	75.0	71.7	66.7	71.7	61.7	60.0	43.3	43.3
MRSL TF15	TF	70.0	71.7	71.7	71.7	70.0	73.3	73.3	71.7	51.7	51.7
PST-K11-118	KB	76.7	70.0	71.7	73.3	73.3	75.0	61.7	61.7	36.7	48.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		75.0	68.3	70.0	66.7	66.7	70.0	66.7	71.7	55.0	55.0
PST-K13-141	KB	68.3	66.7	70.0	70.0	65.0	73.3	65.0	68.3	46.7	56.7
PST-K15-169	KB	71.7	66.7	68.3	71.7	68.3	73.3	60.0	56.7	38.3	45.0
THUNDERSTRUCK	TF	76.7	73.3	70.0	71.7	75.0	70.0	61.7	60.0	36.7	50.0
LTP-SYN-A3	TF	68.3	60.0	66.7	76.7	63.3	68.3	53.3	58.3	40.0	48.3
RS4	TF	75.0	73.3	73.3	73.3	71.7	71.7	61.7	56.7	40.0	43.3
STETSON II	TF	73.3	65.0	68.3	71.7	63.3	65.0	51.7	56.7	40.0	46.7
SUPERSONIC	TF	70.0	66.7	66.7	70.0	66.7	71.7	60.0	60.0	43.3	45.0
NONET	TF	73.3	66.7	70.0	71.7	68.3	70.0	60.0	51.7	35.0	45.0
BARROBUSTO	TF	73.3	68.3	70.0	70.0	70.0	70.0	58.3	56.7	41.7	48.3
EVEREST	KB	63.3	58.3	70.0	65.0	60.0	63.3	53.3	66.7	51.7	60.0
DLFPS 321/3677	TF	70.0	68.3	68.3	70.0	65.0	70.0	55.0	61.7	43.3	46.7
PST-5SDS	TF	73.3	63.3	65.0	70.0	65.0	66.7	51.7	56.7	38.3	41.7
GO-AOMK	TF	76.7	68.3	70.0	68.3	66.7	70.0	58.3	58.3	36.7	43.3
BLUE NOTE	KB	66.7	65.0	66.7	66.7	63.3	65.0	58.3	63.3	53.3	60.0
KINGDOM	TF	70.0	66.7	70.0	71.7	68.3	66.7	51.7	55.0	45.0	48.3
CATALYST	TF	58.3	50.0	60.0	65.0	55.0	58.3	61.7	60.0	51.7	55.0
DAUNTLESS	KB	68.3	63.3	61.7	68.3	61.7	68.3	56.7	65.0	46.7	55.0
NAI-13-14	KB	73.3	65.0	68.3	68.3	65.0	66.7	55.0	60.0	38.3	43.3
PST-R511	TF	65.0	56.7	58.3	71.7	56.7	60.0	45.0	50.0	35.0	41.7
LSD VALUE		24.1	14.5	15.5	23.1	21.1	17.0	18.2	19.6	32.6	26.8
C.V. (%)		11.0	9.8	8.1	8.7	10.6	8.8	13.7	13.4	24.5	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 5B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN					PERCENT GREEN COVER DURING RECOVERY					
		8/13	8/27	9/4	9/10	9/18	9/24	10/2	10/8	10/15	10/22	11/11
PST-K13-143	KB	65.0	59.3	52.3	67.0	73.3	83.3	81.7	68.7	70.3	71.7	73.7
DLFPS 321/3678	TF	60.0	59.3	53.3	71.3	70.3	85.0	83.7	72.0	73.0	73.7	73.0
DLFPS 321/3679	TF	46.7	74.0	61.0	79.3	76.3	83.0	75.7	69.0	73.3	69.3	67.0
TITANIUM 2LS	TF	46.7	78.3	62.0	72.3	77.3	78.0	79.0	72.7	74.7	69.3	57.7
BABE	KB	58.3	82.0	59.7	80.0	68.3	85.0	76.3	73.3	68.0	67.3	58.0
BLUE DEVIL	KB	58.3	63.3	68.7	68.7	72.3	80.0	74.7	68.3	69.0	69.3	60.7
THOR	TF	63.3	80.0	54.7	76.0	71.7	85.0	81.7	75.3	75.0	70.7	70.7
BAR PP 110358	KB	58.3	71.0	56.3	78.0	78.0	84.3	85.0	66.3	71.3	80.0	73.7
NAI-13-132	KB	53.3	65.7	54.7	68.3	74.3	82.0	79.0	72.0	71.7	75.0	73.7
MIDNIGHT	KB	53.3	75.3	61.7	73.0	69.3	83.0	71.0	66.7	68.7	64.7	60.0
BAR FA 121095	TF	43.3	55.3	47.3	65.0	70.7	77.3	71.3	66.3	66.0	61.0	60.3
PST-K13-137	KB	60.0	83.3	63.3	74.3	73.7	84.0	71.0	66.3	69.3	68.3	60.3
BARRARI	KB	41.7	68.7	57.0	76.3	73.0	82.3	81.7	65.0	71.7	75.0	70.0
MRSL TF15	TF	51.7	79.3	61.0	78.0	74.0	81.0	71.7	72.0	67.3	60.7	61.3
PST-K11-118	KB	46.7	57.7	51.3	67.0	71.0	78.7	75.0	65.0	68.3	60.3	61.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		56.7	64.3	56.7	72.7	72.0	81.7	80.3	73.0	70.3	73.7	70.3
PST-K13-141	KB	60.0	72.3	66.3	75.3	71.3	86.7	79.0	69.3	76.3	66.3	64.0
PST-K15-169	KB	50.0	55.7	49.0	65.3	72.3	81.3	74.3	66.3	70.0	64.3	67.7
THUNDERSTRUCK	TF	50.0	73.7	51.0	77.0	70.0	80.0	76.3	71.3	73.3	67.0	66.3
LTP-SYN-A3	TF	43.3	82.7	71.0	85.3	73.0	79.0	76.7	68.3	73.3	69.0	63.7
RS4	TF	45.0	64.7	43.0	64.7	68.0	76.7	72.3	66.7	66.7	61.7	63.0
STETSON II	TF	43.3	75.0	74.3	88.3	69.3	86.0	80.7	77.0	74.7	72.3	75.0
SUPERSONIC	TF	53.3	74.7	57.7	68.7	75.7	77.3	72.0	67.0	69.7	64.3	59.3
NONET	TF	40.0	56.7	48.3	72.3	68.3	80.3	75.0	66.0	69.7	68.3	67.3
BARROBUSTO	TF	46.7	61.3	55.0	67.0	70.3	80.3	73.0	67.7	69.3	67.7	66.0
EVEREST	KB	63.3	85.3	73.0	85.7	70.7	82.7	74.0	62.3	65.7	70.3	68.0
DLFPS 321/3677	TF	48.3	66.7	56.3	74.7	73.3	80.7	68.7	67.3	68.7	62.7	62.3
PST-5SDS	TF	41.7	64.3	68.3	79.7	63.0	80.0	77.0	68.7	74.7	72.7	66.7
GO-AOMK	TF	46.7	55.0	38.0	64.0	67.3	75.3	72.3	63.7	67.3	57.3	57.3
BLUE NOTE	KB	61.7	72.3	67.3	85.0	65.3	78.3	68.0	56.0	60.0	61.0	57.7
KINGDOM	TF	53.3	73.3	59.0	77.0	72.3	84.0	75.7	71.0	70.0	64.7	67.7
CATALYST	TF	58.3	79.7	73.3	84.7	82.0	88.3	87.0	78.0	82.3	76.0	75.7
DAUNTLESS	KB	55.0	72.0	60.7	74.0	72.0	84.7	76.0	68.0	67.3	68.3	57.3
NAI-13-14	KB	36.7	57.3	52.7	69.3	75.0	76.7	76.0	69.0	70.0	71.3	64.0
PST-R511	TF	41.7	67.7	51.7	82.3	70.3	79.7	78.7	69.0	72.3	67.3	70.0
LSD VALUE		15.5	64.1	85.9	44.4	46.9	28.6	23.3	12.7	25.5	31.0	24.2
C.V. (%)		16.1	24.8	34.0	16.6	13.7	8.4	9.7	8.0	10.0	13.3	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 5C.

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		PRE-DROUGHT QUALITY				QUALITY RATINGS DURING DRY DOWN				
		5/17	5/30	6/5	6/12	6/20	6/27	7/3	7/10	7/18
CATALYST	TF	5.7	6.3	5.0	5.3	6.0	5.7	5.7	6.3	6.0
STETSON II	TF	6.3	6.3	5.3	5.0	5.0	5.3	4.7	5.7	5.3
PST-K11-118	KB	6.7	7.0	6.0	5.7	5.7	5.7	5.7	6.3	5.3
MIDNIGHT	KB	6.3	6.3	6.0	6.0	5.7	5.7	5.7	5.3	5.7
PST-5SDS	TF	5.3	6.0	5.7	5.0	5.3	5.0	4.7	5.3	5.0
BLUE DEVIL	KB	6.0	6.7	5.7	5.0	6.0	5.3	5.7	6.3	5.3
KINGDOM	TF	5.7	6.0	5.7	5.3	6.0	6.0	5.3	6.0	5.3
BAR PP 110358	KB	6.0	6.3	5.3	5.3	5.7	5.3	5.0	5.7	5.7
NAI-13-132	KB	6.3	6.7	5.3	5.0	5.3	5.3	5.3	6.0	5.3
RS4	TF	5.7	6.0	5.0	5.3	5.3	5.3	4.7	5.7	5.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.7	6.7	5.3	5.0	5.3	5.0	5.0	5.3	5.0
DLFPS 321/3679	TF	6.3	6.0	5.7	5.3	5.7	5.7	5.3	5.3	5.3
PST-R511	TF	5.0	6.0	5.3	5.0	5.3	5.0	4.7	5.0	5.0
MRSL TF15	TF	6.3	6.7	5.7	5.0	5.7	6.0	5.3	5.7	5.7
PST-K15-169	KB	5.3	6.0	5.3	5.3	6.0	5.7	5.3	6.0	5.0
THOR	TF	6.0	6.0	4.7	5.0	5.3	4.3	4.7	5.3	5.3
PST-K13-143	KB	5.7	5.7	5.0	5.0	5.7	5.0	4.7	5.3	5.3
DLFPS 321/3678	TF	6.7	6.3	4.7	4.7	5.0	4.7	4.3	5.3	5.0
GO-AOMK	TF	6.3	6.7	5.0	5.3	5.3	5.3	5.3	5.7	5.0
NONET	TF	6.0	6.7	5.3	5.7	5.3	5.3	5.0	5.3	5.3
DLFPS 321/3677	TF	6.3	6.0	6.0	5.3	5.7	5.0	5.7	5.3	5.3
TITANIUM 2LS	TF	5.7	6.0	5.0	5.3	5.3	6.0	5.0	6.0	5.3
SUPERSONIC	TF	5.3	6.0	5.3	5.3	5.3	5.0	5.3	5.7	5.0
LTP-SYN-A3	TF	6.3	6.0	5.0	4.3	5.0	5.0	4.3	4.7	4.7
BARROBUSTO	TF	6.3	7.0	5.7	5.3	5.7	5.3	5.3	5.3	5.3
THUNDERSTRUCK	TF	5.7	6.0	5.0	5.0	5.3	5.3	5.0	6.0	5.0
BARRARI	KB	6.0	6.3	5.3	5.3	5.3	5.3	5.3	5.7	5.0
DAUNTLESS	KB	6.0	6.0	5.3	5.3	5.3	5.3	4.7	5.3	5.3
BAR FA 121095	TF	6.3	6.3	5.3	5.0	5.3	5.3	5.3	5.7	4.3
BABE	KB	5.7	6.0	5.0	5.0	5.0	4.7	4.7	4.7	4.7
PST-K13-141	KB	5.3	5.3	4.7	4.7	5.3	4.7	5.0	5.3	4.7
EVEREST	KB	5.7	5.7	5.3	4.3	5.0	5.0	5.0	5.0	4.7
PST-K13-137	KB	5.7	5.3	4.7	4.7	5.3	5.0	4.7	5.7	5.0
BLUE NOTE	KB	5.7	5.7	5.3	4.7	5.0	4.7	4.0	4.7	4.3
NAI-13-14	KB	6.3	7.0	5.0	4.7	4.7	5.0	4.3	5.7	5.0
LSD VALUE		3.8	4.0	3.7	4.0	4.6	3.1	5.2	4.9	3.7
C.V. (%)		15.4	15.2	16.0	17.3	17.6	15.2	22.6	19.6	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 5C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN								
		7/26	8/2	8/8	8/13	8/20	8/27	9/4	9/10	9/18
CATALYST	TF	6.7	6.0	6.0	6.7	5.3	5.3	5.7	5.0	5.3
STETSON II	TF	5.3	5.3	6.0	6.3	5.7	5.0	5.0	4.3	5.0
PST-K11-118	KB	5.3	5.3	5.0	5.7	5.0	4.7	5.0	4.0	4.0
MIDNIGHT	KB	5.7	5.3	5.3	5.3	5.0	5.0	4.7	4.3	4.0
PST-5SDS	TF	5.7	5.0	6.0	5.7	5.7	5.0	5.0	4.7	4.7
BLUE DEVIL	KB	5.3	4.7	5.3	5.7	5.3	5.0	5.0	4.7	4.3
KINGDOM	TF	5.3	5.3	5.7	5.3	5.3	5.0	4.7	4.3	4.3
BAR PP 110358	KB	6.3	5.7	5.0	5.7	5.0	5.0	4.7	4.0	4.3
NAI-13-132	KB	6.0	5.0	5.3	5.7	5.0	4.7	4.3	4.3	4.0
RS4	TF	5.7	5.3	5.3	5.0	5.3	4.7	5.3	4.7	4.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.0	5.0	5.3	6.3	5.3	4.7	4.7	4.3	4.0
DLFPS 321/3679	TF	5.3	5.0	5.3	5.3	4.7	4.7	5.0	4.3	4.0
PST-R511	TF	6.0	5.0	5.7	5.3	5.0	5.0	5.0	5.0	4.7
MRSL TF15	TF	5.7	5.0	4.7	4.7	5.0	4.7	4.7	4.3	4.3
PST-K15-169	KB	5.7	4.3	5.3	6.0	5.3	5.0	4.3	4.3	4.0
THOR	TF	5.3	5.0	6.0	6.0	5.0	4.7	5.0	4.3	4.3
PST-K13-143	KB	6.0	5.3	5.3	5.7	5.0	5.0	4.7	4.3	4.0
DLFPS 321/3678	TF	5.3	5.0	5.3	5.7	5.3	5.0	5.0	4.3	4.3
GO-AOMK	TF	5.0	5.0	5.0	5.0	5.7	4.7	5.0	4.0	4.0
NONET	TF	5.3	5.0	5.3	5.7	5.0	4.3	4.7	4.3	4.0
DLFPS 321/3677	TF	5.0	5.3	5.0	5.0	4.7	4.3	4.7	4.0	4.0
TITANIUM 2LS	TF	5.3	5.0	5.0	4.7	5.0	5.0	4.3	4.0	4.0
SUPERSONIC	TF	5.0	5.0	5.3	5.0	5.3	5.3	4.7	4.3	4.0
LTP-SYN-A3	TF	5.3	4.7	5.0	5.0	5.0	5.3	5.0	5.0	4.3
BARROBUSTO	TF	5.0	4.7	5.0	5.0	5.0	4.3	4.7	4.3	3.3
THUNDERSTRUCK	TF	4.7	4.7	5.0	5.3	5.0	4.3	5.0	4.3	4.3
BARRARI	KB	5.3	4.7	5.0	5.0	5.0	4.0	4.0	4.0	4.3
DAUNTLESS	KB	5.3	5.0	5.0	5.0	5.0	5.0	4.7	4.3	4.0
BAR FA 121095	TF	5.3	4.7	5.0	5.7	5.0	4.3	5.0	4.3	3.3
BABE	KB	5.7	4.3	5.0	5.0	5.0	4.3	4.3	5.0	4.0
PST-K13-141	KB	5.3	5.0	5.7	5.3	5.0	4.7	4.7	4.3	4.0
EVEREST	KB	5.0	5.0	5.3	5.3	5.0	4.0	4.7	4.0	4.3
PST-K13-137	KB	5.7	4.7	5.0	5.0	4.7	5.0	4.7	4.0	4.3
BLUE NOTE	KB	4.3	4.3	5.0	5.0	4.7	4.3	4.3	4.3	4.3
NAI-13-14	KB	4.7	4.0	5.0	5.3	4.7	4.7	4.0	4.0	3.3
LSD VALUE		2.5	4.1	4.3	2.8	3.0	1.3	1.3	1.8	2.0
C.V. (%)		14.5	18.6	17.3	15.3	13.0	10.7	10.5	12.1	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 5C. PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 80% OF ET
(CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING RECOVERY PERIOD					11/13	MEAN
		9/24	10/2	10/8	10/15	10/22		
CATALYST	TF	5.0	5.0	5.3	4.7	4.7	3.7	5.6
STETSON II	TF	5.3	5.0	4.7	3.7	4.0	3.0	5.2
PST-K11-118	KB	3.7	4.7	4.0	4.3	4.0	3.0	5.2
MIDNIGHT	KB	3.3	4.7	4.7	4.3	4.0	3.0	5.1
PST-5SDS	TF	5.3	5.0	4.7	4.0	4.3	3.0	5.1
BLUE DEVIL	KB	3.7	4.7	4.3	4.0	4.0	3.3	5.1
KINGDOM	TF	4.3	4.3	4.3	4.0	4.3	3.3	5.1
BAR PP 110358	KB	4.3	4.7	4.0	4.0	4.0	3.3	5.1
NAI-13-132	KB	3.7	5.0	4.7	4.7	4.0	3.0	5.1
RS4	TF	4.7	4.7	4.7	4.0	4.3	3.0	5.1
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.0	4.3	4.7	4.3	4.7	3.3	5.0
DLFPS 321/3679	TF	3.7	4.7	4.3	4.3	4.3	3.0	5.0
PST-R511	TF	4.7	5.0	5.0	4.0	4.0	3.0	5.0
MRSL TF15	TF	3.7	4.7	4.3	3.3	4.0	3.3	5.0
PST-K15-169	KB	3.3	4.7	4.0	4.0	4.3	3.0	5.0
THOR	TF	4.7	4.0	4.3	4.0	5.0	3.0	5.0
PST-K13-143	KB	3.7	4.7	4.7	4.0	4.3	3.3	5.0
DLFPS 321/3678	TF	4.0	4.3	4.7	4.0	4.3	3.0	4.9
GO-AOMK	TF	4.0	4.3	4.0	3.7	4.0	2.7	4.9
NONET	TF	3.3	4.0	4.0	3.3	3.7	2.7	4.9
DLFPS 321/3677	TF	3.3	4.0	3.7	4.0	4.0	2.7	4.9
TITANIUM 2LS	TF	3.7	4.3	4.0	3.7	4.0	3.0	4.9
SUPERSONIC	TF	3.7	4.0	3.7	3.3	4.3	2.7	4.8
LTP-SYN-A3	TF	4.7	4.7	4.3	4.0	3.7	3.0	4.8
BARROBUSTO	TF	3.3	4.0	3.7	3.7	3.7	2.7	4.8
THUNDERSTRUCK	TF	4.3	4.0	4.0	3.7	4.0	2.3	4.8
BARRARI	KB	4.0	4.3	4.0	3.7	3.7	2.7	4.8
DAUNTLESS	KB	3.3	4.0	3.7	4.0	3.7	2.7	4.8
BAR FA 121095	TF	3.7	4.0	3.7	3.7	3.7	2.3	4.8
BABE	KB	4.0	4.7	4.3	4.0	4.0	3.0	4.7
PST-K13-141	KB	3.3	4.3	3.7	4.0	4.0	3.0	4.7
EVEREST	KB	3.7	4.0	4.3	4.0	3.7	2.7	4.7
PST-K13-137	KB	3.3	4.0	4.0	3.7	4.0	2.7	4.7
BLUE NOTE	KB	4.0	4.3	4.3	4.0	4.0	3.0	4.6
NAI-13-14	KB	3.7	3.7	3.3	3.7	3.3	2.3	4.6
LSD VALUE		1.3	1.8	1.4	1.6	1.9	1.7	2.0
C.V. (%)		16.3	13.3	14.1	13.3	14.2	17.8	9.4

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

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

TABLE 5C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN									
		5/25	6/12	6/20	6/27	7/3	7/10	7/18	7/26	8/2	8/8
CATALYST	TF	71.7	70.0	75.0	78.3	75.0	76.7	73.3	78.3	75.0	78.3
STETSON II	TF	75.0	73.3	73.3	75.0	70.0	75.0	66.7	73.3	73.3	75.0
PST-K11-118	KB	80.0	73.3	75.0	78.3	78.3	80.0	76.7	78.3	76.7	76.7
MIDNIGHT	KB	76.7	78.3	78.3	78.3	78.3	83.3	78.3	81.7	76.7	75.0
PST-5SDS	TF	70.0	68.3	70.0	71.7	71.7	76.7	71.7	78.3	75.0	76.7
BLUE DEVIL	KB	78.3	76.7	76.7	80.0	78.3	78.3	78.3	71.7	76.7	76.7
KINGDOM	TF	78.3	75.0	78.3	78.3	75.0	80.0	76.7	80.0	73.3	73.3
BAR PP 110358	KB	71.7	68.3	75.0	75.0	73.3	75.0	76.7	81.7	78.3	76.7
NAI-13-132	KB	75.0	68.3	73.3	73.3	75.0	76.7	73.3	76.7	73.3	75.0
RS4	TF	75.0	73.3	76.7	76.7	75.0	78.3	78.3	80.0	78.3	76.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		70.0	68.3	71.7	73.3	70.0	73.3	73.3	71.7	73.3	76.7
DLFPS 321/3679	TF	73.3	76.7	78.3	76.7	73.3	81.7	76.7	80.0	75.0	73.3
PST-R511	TF	73.3	68.3	76.7	76.7	70.0	75.0	78.3	83.3	80.0	78.3
MRSL TF15	TF	76.7	75.0	80.0	85.0	76.7	83.3	76.7	81.7	78.3	71.7
PST-K15-169	KB	73.3	73.3	75.0	78.3	76.7	76.7	76.7	78.3	73.3	76.7
THOR	TF	73.3	71.7	73.3	71.7	75.0	71.7	70.0	73.3	75.0	73.3
PST-K13-143	KB	70.0	71.7	71.7	73.3	76.7	75.0	68.3	76.7	78.3	75.0
DLFPS 321/3678	TF	73.3	70.0	73.3	73.3	71.7	75.0	71.7	71.7	75.0	73.3
GO-AOMK	TF	78.3	75.0	75.0	76.7	76.7	80.0	73.3	75.0	75.0	76.7
NONET	TF	75.0	73.3	73.3	75.0	75.0	75.0	71.7	78.3	71.7	73.3
DLFPS 321/3677	TF	75.0	76.7	80.0	75.0	76.7	80.0	76.7	76.7	76.7	71.7
TITANIUM 2LS	TF	75.0	73.3	78.3	76.7	75.0	81.7	75.0	80.0	76.7	73.3
SUPERSONIC	TF	73.3	73.3	76.7	75.0	76.7	76.7	76.7	76.7	73.3	73.3
LTP-SYN-A3	TF	71.7	65.0	70.0	75.0	63.3	71.7	66.7	75.0	71.7	65.0
BARROBUSTO	TF	76.7	76.7	75.0	75.0	76.7	76.7	73.3	75.0	68.3	73.3
THUNDERSTRUCK	TF	75.0	73.3	73.3	73.3	73.3	75.0	71.7	73.3	68.3	71.7
BARRARI	KB	76.7	71.7	75.0	76.7	76.7	73.3	73.3	76.7	66.7	71.7
DAUNTLESS	KB	70.0	73.3	73.3	71.7	73.3	78.3	75.0	76.7	71.7	78.3
BAR FA 121095	TF	78.3	71.7	73.3	71.7	73.3	78.3	71.7	73.3	71.7	75.0
BABE	KB	71.7	68.3	71.7	73.3	71.7	73.3	73.3	76.7	71.7	75.0
PST-K13-141	KB	71.7	71.7	75.0	73.3	75.0	78.3	73.3	78.3	73.3	75.0
EVEREST	KB	73.3	66.7	71.7	73.3	70.0	73.3	66.7	75.0	71.7	73.3
PST-K13-137	KB	70.0	70.0	73.3	73.3	73.3	81.7	75.0	81.7	73.3	76.7
BLUE NOTE	KB	73.3	65.0	70.0	68.3	68.3	71.7	66.7	73.3	71.7	73.3
NAI-13-14	KB	76.7	68.3	71.7	70.0	70.0	73.3	71.7	63.3	66.7	66.7
LSD VALUE		48.4	40.6	31.8	34.3	52.1	41.7	47.8	27.0	37.6	24.5
C.V. (%)		12.8	12.3	9.3	10.2	14.1	11.5	13.5	8.6	11.4	8.1

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

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

TABLE 5C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN					PERCENT GREEN COVER DURING RECOVERY PERIOD					11/11
		8/13	8/27	9/4	9/10	9/18	9/24	10/2	10/8	10/15	10/22	
CATALYST	TF	80.0	95.3	91.0	94.3	97.3	98.0	92.0	79.3	82.3	86.0	70.0
STETSON II	TF	80.0	92.0	86.7	90.7	94.3	95.0	88.7	76.3	80.0	75.7	58.7
PST-K11-118	KB	80.0	88.7	73.7	87.7	87.0	86.3	85.7	71.3	73.0	66.0	64.7
MIDNIGHT	KB	80.0	91.3	77.0	90.3	86.7	90.0	86.3	71.0	71.3	68.7	62.0
PST-5SDS	TF	81.7	93.3	87.0	91.7	93.7	91.7	88.3	78.3	81.3	75.3	58.7
BLUE DEVIL	KB	78.3	93.0	83.7	88.0	84.3	88.7	87.3	76.3	74.7	69.0	62.7
KINGDOM	TF	78.3	94.3	81.7	89.7	90.3	92.0	86.0	76.7	76.7	80.7	70.3
BAR PP 110358	KB	80.0	93.3	88.0	91.0	90.7	89.7	91.3	76.3	68.3	77.0	64.7
NAI-13-132	KB	80.0	94.3	82.7	89.7	87.0	88.0	87.0	80.3	70.3	76.3	67.3
RS4	TF	76.7	90.3	80.7	89.3	88.0	89.7	87.7	76.3	80.7	83.0	70.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		80.0	94.0	78.0	88.3	86.3	88.7	83.3	74.0	73.3	68.7	67.0
DLFPS 321/3679	TF	76.7	93.3	86.3	90.0	88.0	89.7	85.0	68.3	76.0	67.3	72.3
PST-R511	TF	81.7	96.3	88.3	94.7	94.7	94.0	91.7	82.0	81.0	82.3	74.3
MRSL TF15	TF	76.7	93.3	81.7	90.7	89.7	90.3	87.7	77.7	75.3	78.7	68.7
PST-K15-169	KB	81.7	90.0	76.0	86.7	86.7	88.7	83.0	72.0	71.7	67.3	65.7
THOR	TF	78.3	93.3	82.3	89.7	89.3	91.7	84.0	69.3	82.3	75.7	65.3
PST-K13-143	KB	81.7	92.7	76.3	87.0	87.7	89.3	86.7	74.0	73.0	67.7	65.0
DLFPS 321/3678	TF	80.0	91.3	81.7	88.7	88.0	90.7	88.0	71.7	79.0	74.7	68.3
GO-AOMK	TF	76.7	88.7	74.0	84.3	86.3	87.0	84.3	67.7	76.7	66.3	64.0
NONET	TF	80.0	89.0	73.3	86.3	85.3	86.7	80.7	64.0	75.3	69.7	62.3
DLFPS 321/3677	TF	73.3	94.3	83.3	86.3	87.3	89.7	84.0	66.3	73.3	69.7	67.3
TITANIUM 2LS	TF	76.7	92.7	79.7	88.3	87.3	89.3	87.3	69.7	76.3	69.0	64.0
SUPERSONIC	TF	73.3	93.7	79.0	90.3	90.3	88.0	84.0	69.7	75.7	68.7	64.0
LTP-SYN-A3	TF	70.0	93.7	84.0	91.0	92.0	88.7	87.0	75.3	75.7	71.7	70.3
BAROBUSTO	TF	73.3	90.3	68.7	83.3	82.7	86.0	79.7	63.0	66.0	64.3	62.3
THUNDERSTRUCK	TF	76.7	90.0	76.0	86.7	84.7	89.0	78.0	63.7	75.0	69.0	63.0
BARRARI	KB	71.7	89.0	80.0	85.7	87.0	87.7	87.0	70.3	66.7	68.3	59.3
DAUNTLESS	KB	76.7	91.7	80.3	87.7	85.3	89.0	80.0	70.3	71.0	60.3	56.3
BAR FA 121095	TF	76.7	90.0	74.0	84.7	86.0	87.0	81.3	64.0	66.0	63.0	62.7
BABE	KB	73.3	92.3	78.0	91.0	88.3	88.7	88.0	79.7	67.3	66.3	62.7
PST-K13-141	KB	78.3	92.7	78.3	89.7	88.0	89.3	86.0	70.3	71.7	65.3	62.7
EVEREST	KB	76.7	94.3	85.3	90.3	89.3	88.3	87.0	80.0	67.0	64.7	63.0
PST-K13-137	KB	73.3	93.0	78.7	88.0	86.7	90.3	82.7	75.7	72.3	63.3	59.7
BLUE NOTE	KB	78.3	92.7	79.3	87.3	88.3	87.7	87.0	72.3	67.7	65.7	62.3
NAI-13-14	KB	75.0	90.3	76.7	87.0	85.0	86.0	78.0	68.0	65.7	67.7	63.0
LSD VALUE		24.5	18.2	25.6	14.7	10.7	10.0	15.1	14.9	10.1	12.3	17.1
C.V. (%)		8.0	4.7	10.1	4.9	4.9	4.1	6.2	9.2	7.2	9.3	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 6A.

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		PRE-DROUGHT QUALITY				QUALITY RATINGS DURING DRY DOWN				
		5/17	5/30	6/5	6/12	6/20	6/27	7/3	7/10	7/18
MIDNIGHT	KB	6.0	6.3	5.7	4.7	5.3	5.3	4.0	4.7	3.7
PST-K13-137	KB	6.0	6.0	5.0	5.0	5.3	5.0	4.3	4.3	3.3
BAR PP 110358	KB	6.3	6.0	5.0	4.3	4.7	4.3	3.3	4.0	3.7
PST-K13-141	KB	5.7	6.0	4.7	4.7	4.3	5.0	4.3	4.0	2.7
BARRARI	KB	6.3	6.3	5.3	4.3	4.3	4.7	3.7	4.0	3.0
BABE	KB	5.3	6.0	5.0	4.0	4.3	4.3	3.7	4.0	3.0
EVEREST	KB	6.0	5.7	5.0	4.3	4.3	4.7	3.7	3.7	3.3
DAUNTLESS	KB	5.7	6.0	5.3	4.3	4.7	5.0	3.7	3.7	2.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.3	6.3	5.3	4.0	4.7	4.7	3.3	3.3	3.3
PST-K13-143	KB	7.0	7.0	5.7	3.7	5.0	4.7	3.0	3.3	3.0
NAI-13-14	KB	6.0	7.0	6.0	4.3	5.0	5.3	3.7	3.3	2.3
NAI-13-132	KB	6.3	6.0	5.3	3.7	4.3	4.3	2.7	3.0	2.3
BLUE NOTE	KB	5.3	5.3	5.0	3.7	4.0	4.7	2.7	3.0	2.7
PST-K11-118	KB	6.0	7.0	5.7	4.3	4.3	4.7	2.7	2.3	1.7
PST-K15-169	KB	4.7	5.7	5.0	4.3	4.0	4.7	3.0	3.0	2.3
BLUE DEVIL	KB	5.3	5.7	4.7	4.0	4.3	4.3	2.7	3.0	2.3
LSD VALUE		2.9	3.7	3.1	2.4	2.2	2.3	2.4	2.5	2.1
C.V. (%)		16.8	18.5	17.8	18.0	16.7	15.2	26.3	26.6	29.3

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

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

TABLE 6A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN								
		7/26	8/2	8/8	8/13	8/20	8/27	9/4	9/10	9/18
MIDNIGHT	KB	3.7	3.0	3.0	3.3	2.3	3.0	2.3	3.0	2.0
PST-K13-137	KB	3.7	2.7	3.0	2.7	2.3	2.3	2.7	3.0	2.3
BAR PP 110358	KB	4.0	2.7	3.0	3.3	2.7	2.3	2.7	3.0	2.3
PST-K13-141	KB	3.3	2.3	2.7	2.7	2.7	3.0	3.0	3.0	2.3
BARRARI	KB	3.7	2.0	2.7	2.7	2.7	2.3	2.7	3.0	2.3
BABE	KB	3.3	2.7	2.7	2.3	2.7	2.7	2.3	3.0	2.0
EVEREST	KB	3.0	2.3	2.7	3.0	2.7	2.3	2.7	3.0	2.3
DAUNTLESS	KB	3.0	2.0	2.3	2.3	2.3	2.7	2.0	3.0	2.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		3.3	1.7	2.7	2.7	2.7	2.0	2.0	2.3	2.0
PST-K13-143	KB	2.7	1.7	2.0	2.0	2.3	2.3	2.0	2.7	2.3
NAI-13-14	KB	2.7	1.3	2.3	2.0	2.3	2.0	2.0	2.3	2.0
NAI-13-132	KB	3.0	2.0	2.0	2.3	2.7	2.3	2.3	2.7	2.3
BLUE NOTE	KB	3.0	2.0	2.3	2.0	2.7	2.7	2.3	3.0	2.0
PST-K11-118	KB	2.0	1.0	1.7	1.7	2.3	2.0	2.0	2.3	2.0
PST-K15-169	KB	2.3	1.3	2.0	2.0	2.0	2.0	2.3	2.0	2.0
BLUE DEVIL	KB	2.3	1.7	1.7	2.0	2.3	2.0	2.0	2.0	2.0
LSD VALUE		1.3	1.2	1.1	1.4	2.0	0.7	0.7	0.7	0.8
C.V. (%)		20.5	29.3	21.4	25.7	23.2	14.6	15.6	13.8	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 KENTUCKY BLUEGRASS CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING RECOVERY PERIOD					11/13	MEAN
		9/24	10/2	10/8	10/15	10/22		
MIDNIGHT	KB	3.0	3.0	3.3	3.0	3.3	3.0	3.8
PST-K13-137	KB	3.0	3.0	3.0	3.3	3.0	3.0	3.7
BAR PP 110358	KB	2.7	3.3	3.0	3.3	3.0	2.3	3.6
PST-K13-141	KB	2.3	3.0	3.0	3.3	3.7	3.3	3.6
BARRARI	KB	2.0	3.0	3.0	3.0	3.0	2.7	3.5
BABE	KB	2.3	3.0	3.3	3.3	3.3	3.0	3.4
EVEREST	KB	2.7	2.3	2.7	2.7	3.0	2.7	3.4
DAUNTLESS	KB	2.3	3.3	2.7	3.3	3.0	2.7	3.4
SR 4650 (P.RYEGRASS STANDARD ENTRY)		2.7	3.0	3.0	3.0	3.0	2.7	3.4
PST-K13-143	KB	2.7	2.7	3.0	3.0	2.7	2.7	3.3
NAI-13-14	KB	2.3	2.7	2.7	3.0	2.3	2.3	3.3
NAI-13-132	KB	2.7	2.7	2.7	3.0	3.0	2.3	3.2
BLUE NOTE	KB	2.3	3.0	2.7	3.0	3.3	2.7	3.2
PST-K11-118	KB	2.0	2.7	2.7	2.7	2.3	2.3	3.0
PST-K15-169	KB	2.3	2.7	2.7	2.7	2.7	2.3	2.9
BLUE DEVIL	KB	2.0	3.0	2.3	2.7	2.3	2.0	2.9
LSD VALUE		1.3	2.1	2.5	2.0	1.0	1.2	1.0
C.V. (%)		20.4	21.9	25.7	19.9	16.3	18.6	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 6A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN									
		5/25	6/12	6/20	6/27	7/3	7/10	7/18	7/26	8/2	8/8
MIDNIGHT	KB	76.7	71.7	75.0	81.7	63.3	66.7	46.7	36.7	25.0	28.3
PST-K13-137	KB	76.7	73.3	71.7	78.3	60.0	66.7	53.3	43.3	28.3	30.0
BAR PP 110358	KB	71.7	55.0	63.3	66.7	50.0	55.0	50.0	46.7	26.7	31.7
PST-K13-141	KB	71.7	71.7	71.7	71.7	58.3	55.0	45.0	41.7	25.0	35.0
BARRARI	KB	76.7	60.0	65.0	70.0	55.0	53.3	40.0	38.3	25.0	30.0
BABE	KB	73.3	63.3	65.0	70.0	56.7	58.3	41.7	43.3	25.0	26.7
EVEREST	KB	71.7	60.0	63.3	66.7	55.0	51.7	41.7	40.0	28.3	33.3
DAUNTLESS	KB	76.7	70.0	71.7	73.3	53.3	53.3	40.0	33.3	25.0	28.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		78.3	53.3	61.7	71.7	46.7	50.0	38.3	40.0	23.3	28.3
PST-K13-143	KB	80.0	55.0	61.7	70.0	43.3	41.7	35.0	30.0	16.7	23.3
NAI-13-14	KB	85.0	63.3	66.7	75.0	55.0	46.7	31.7	28.3	20.0	26.7
NAI-13-132	KB	76.7	51.7	58.3	70.0	41.7	45.0	35.0	30.0	21.7	25.0
BLUE NOTE	KB	71.7	63.3	68.3	70.0	48.3	50.0	40.0	36.7	25.0	33.3
PST-K11-118	KB	78.3	58.3	58.3	68.3	46.7	38.3	21.7	18.3	16.7	18.3
PST-K15-169	KB	76.7	60.0	63.3	66.7	48.3	43.3	31.7	30.0	21.7	25.0
BLUE DEVIL	KB	70.0	51.7	58.3	63.3	46.7	43.3	31.7	26.7	20.0	23.3
LSD VALUE		18.5	20.3	13.2	12.3	24.9	23.9	34.1	34.0	21.3	24.1
C.V. (%)		8.7	14.9	9.5	7.9	18.5	20.6	32.5	35.3	30.1	29.1

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 6A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN					PERCENT GREEN COVER DURING RECOVERY					
		8/13	8/27	9/4	9/10	9/18	9/24	10/2	10/8	10/15	10/22	11/11
MIDNIGHT	KB	26.7	43.0	20.3	32.3	53.3	65.7	67.7	69.3	66.7	70.3	68.3
PST-K13-137	KB	28.3	33.0	23.0	33.7	52.7	66.0	69.3	70.0	68.0	73.0	67.3
BAR PP 110358	KB	31.7	42.0	27.3	44.0	48.3	74.7	69.3	70.0	63.7	74.0	67.7
PST-K13-141	KB	28.3	42.0	28.7	36.0	55.7	68.3	70.7	70.3	66.0	69.7	74.3
BARRARI	KB	26.7	38.3	26.3	43.0	42.3	69.0	67.7	69.3	62.3	67.0	64.7
BABE	KB	26.7	34.3	27.3	32.0	38.7	68.7	65.0	63.3	62.3	68.0	66.0
EVEREST	KB	23.3	37.3	26.3	40.3	33.3	67.0	64.7	65.3	60.7	71.7	64.3
DAUNTLESS	KB	23.3	38.7	25.0	34.3	50.0	67.7	68.7	69.7	71.0	71.7	71.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		21.7	32.7	22.0	22.7	42.7	73.0	66.7	61.7	55.3	64.0	61.7
PST-K13-143	KB	20.0	30.7	21.7	28.7	34.0	72.3	63.3	63.0	55.0	62.0	59.3
NAI-13-14	KB	23.3	27.7	9.0	23.3	32.7	63.0	60.0	68.3	55.3	60.0	64.0
NAI-13-132	KB	20.0	35.0	22.0	32.7	39.0	69.7	63.7	68.7	56.7	69.0	64.3
BLUE NOTE	KB	21.7	35.7	28.7	34.3	43.0	67.7	64.7	64.7	62.7	72.0	66.3
PST-K11-118	KB	11.7	17.0	12.7	21.0	31.0	56.7	53.7	56.0	50.7	50.0	61.3
PST-K15-169	KB	18.3	20.7	15.3	22.0	23.7	58.0	59.0	58.7	51.3	53.3	55.3
BLUE DEVIL	KB	20.0	22.7	12.0	23.0	33.0	58.3	57.7	64.7	50.7	65.3	65.0
LSD VALUE		18.5	25.5	21.9	27.5	33.6	12.2	24.7	19.8	26.7	30.5	17.6
C.V. (%)		31.2	32.1	41.1	34.8	33.0	8.9	13.3	11.0	16.9	17.0	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 6B.

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		PRE-DROUGHT QUALITY				QUALITY RATINGS DURING DRY DOWN				
		5/17	5/30	6/5	6/12	6/20	6/27	7/3	7/10	7/18
PST-K13-143	KB	6.3	6.7	5.7	5.3	5.3	5.3	4.7	5.0	4.7
BABE	KB	5.3	5.7	5.3	4.7	5.0	5.0	4.3	5.3	4.7
BLUE DEVIL	KB	5.3	6.3	5.3	5.0	5.3	4.7	5.0	5.0	5.0
BAR PP 110358	KB	6.0	6.0	5.0	4.5	5.0	4.7	4.3	5.0	4.3
NAI-13-132	KB	6.0	6.0	5.3	4.3	4.7	4.7	4.3	4.3	4.7
MIDNIGHT	KB	5.7	5.7	4.7	5.0	5.0	4.7	4.3	4.7	4.3
PST-K13-137	KB	6.0	5.3	4.3	4.3	5.0	4.3	4.3	4.3	4.0
BARRARI	KB	6.3	6.3	5.7	5.0	5.0	4.7	4.7	4.3	3.7
PST-K11-118	KB	6.0	6.7	5.3	4.7	5.3	4.0	5.0	4.3	4.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.7	5.3	4.7	4.3	5.0	4.7	4.0	4.3	4.7
PST-K13-141	KB	5.0	5.3	5.0	4.3	4.7	4.7	4.3	4.3	4.7
PST-K15-169	KB	5.7	6.0	5.0	5.0	5.0	4.7	4.3	4.3	3.7
EVEREST	KB	4.7	5.0	4.3	3.7	4.3	3.7	3.3	3.7	3.7
BLUE NOTE	KB	5.0	5.3	4.7	4.3	4.7	4.0	3.7	4.3	3.7
DAUNTLESS	KB	5.3	5.7	4.3	4.0	4.3	4.0	3.3	3.7	3.7
NAI-13-14	KB	5.3	5.7	4.7	4.7	4.7	4.7	4.0	3.7	4.0
LSD VALUE		3.3	4.1	2.6	2.6	2.7	2.4	2.0	2.5	2.0
C.V. (%)		18.5	21.2	17.5	18.7	16.2	17.7	18.0	19.7	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 6B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN								
		7/26	8/2	8/8	8/13	8/20	8/27	9/4	9/10	9/18
PST-K13-143	KB	5.0	4.0	4.7	4.7	4.0	3.7	3.7	3.3	3.3
BABE	KB	5.7	4.3	4.0	4.7	4.3	4.0	3.7	4.0	3.0
BLUE DEVIL	KB	4.7	4.0	5.0	4.3	4.0	4.0	3.7	4.0	3.0
BAR PP 110358	KB	5.0	4.0	4.3	4.0	4.0	3.7	3.7	3.3	3.0
NAI-13-132	KB	4.7	4.0	4.3	4.0	4.0	3.7	3.7	3.3	3.3
MIDNIGHT	KB	5.0	3.3	4.3	4.7	4.3	4.0	3.3	4.0	3.3
PST-K13-137	KB	5.0	3.7	4.3	4.7	4.7	4.0	3.3	4.0	3.0
BARRARI	KB	4.3	3.0	3.7	4.0	3.7	3.7	3.3	3.3	3.0
PST-K11-118	KB	4.3	3.0	4.3	4.3	4.0	4.0	3.0	3.7	3.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.7	3.7	4.3	4.0	4.0	3.7	3.0	3.7	3.3
PST-K13-141	KB	5.0	3.3	4.3	4.0	4.0	3.7	3.3	3.7	3.3
PST-K15-169	KB	4.3	3.0	4.3	4.3	4.0	3.7	3.3	3.3	3.0
EVEREST	KB	4.3	3.7	4.3	4.7	4.3	4.0	4.0	4.3	3.0
BLUE NOTE	KB	4.7	3.3	4.3	4.7	4.7	4.0	3.3	4.0	2.7
DAUNTLESS	KB	4.7	3.3	4.0	4.0	4.3	3.7	3.0	4.0	3.0
NAI-13-14	KB	4.0	3.0	3.7	3.3	3.3	3.3	3.3	3.3	3.0
LSD VALUE		1.6	2.1	2.8	2.4	2.1	1.2	2.6	0.8	2.1
C.V. (%)		12.9	21.0	19.4	18.1	16.4	10.4	21.9	10.4	19.4

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 6B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING RECOVERY PERIOD					11/13	MEAN
		9/24	10/2	10/8	10/15	10/22		
PST-K13-143	KB	3.7	4.0	4.3	4.3	4.7	3.0	4.6
BABE	KB	3.0	3.7	4.0	3.0	4.0	2.3	4.4
BLUE DEVIL	KB	3.0	3.3	3.7	3.3	3.7	2.3	4.4
BAR PP 110358	KB	4.0	4.0	4.0	4.0	4.3	3.3	4.4
NAI-13-132	KB	4.0	4.3	4.0	4.0	4.0	3.0	4.3
MIDNIGHT	KB	3.7	3.7	3.3	3.7	4.0	2.7	4.3
PST-K13-137	KB	3.7	4.0	4.0	3.3	4.0	2.7	4.2
BARRARI	KB	3.3	4.0	4.3	4.0	4.0	3.0	4.2
PST-K11-118	KB	3.0	3.7	3.7	3.7	3.3	2.7	4.2
SR 4650 (P.RYEGRASS STANDARD ENTRY)		3.0	3.7	3.7	4.3	4.7	3.7	4.2
PST-K13-141	KB	3.0	3.7	4.0	4.0	4.0	3.0	4.2
PST-K15-169	KB	3.3	4.0	3.3	3.7	3.7	3.0	4.1
EVEREST	KB	4.0	3.7	3.7	3.3	4.0	2.7	4.0
BLUE NOTE	KB	3.0	3.0	3.3	2.7	3.3	2.3	3.9
DAUNTLESS	KB	3.3	3.3	3.0	3.3	3.7	2.7	3.9
NAI-13-14	KB	3.3	3.3	3.3	3.7	3.7	2.3	3.9
LSD VALUE		1.5	1.0	0.8	1.6	1.4	1.2	0.9
C.V. (%)		17.5	11.9	11.4	18.2	14.3	18.0	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 6B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN									
		5/25	6/12	6/20	6/27	7/3	7/10	7/18	7/26	8/2	8/8
PST-K13-143	KB	80.0	73.3	71.7	73.3	70.0	73.3	70.0	73.3	53.3	60.0
BABE	KB	71.7	66.7	65.0	75.0	68.3	75.0	66.7	71.7	55.0	60.0
BLUE DEVIL	KB	71.7	68.3	68.3	70.0	73.3	73.3	68.3	70.0	55.0	60.0
BAR PP 110358	KB	75.0	71.7	70.0	70.0	70.0	71.7	70.0	68.3	46.7	55.0
NAI-13-132	KB	78.3	68.3	68.3	70.0	70.0	70.0	70.0	66.7	48.3	53.3
MIDNIGHT	KB	68.3	65.0	66.7	71.7	66.7	73.3	66.7	68.3	53.3	60.0
PST-K13-137	KB	66.7	63.3	65.0	66.7	63.3	71.7	60.0	66.7	51.7	56.7
BARRARI	KB	78.3	70.0	75.0	71.7	66.7	71.7	61.7	60.0	43.3	43.3
PST-K11-118	KB	76.7	70.0	71.7	73.3	73.3	75.0	61.7	61.7	36.7	48.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		75.0	68.3	70.0	66.7	66.7	70.0	66.7	71.7	55.0	55.0
PST-K13-141	KB	68.3	66.7	70.0	70.0	65.0	73.3	65.0	68.3	46.7	56.7
PST-K15-169	KB	71.7	66.7	68.3	71.7	68.3	73.3	60.0	56.7	38.3	45.0
EVEREST	KB	63.3	58.3	70.0	65.0	60.0	63.3	53.3	66.7	51.7	60.0
BLUE NOTE	KB	66.7	65.0	66.7	66.7	63.3	65.0	58.3	63.3	53.3	60.0
DAUNTLESS	KB	68.3	63.3	61.7	68.3	61.7	68.3	56.7	65.0	46.7	55.0
NAI-13-14	KB	73.3	65.0	68.3	68.3	65.0	66.7	55.0	60.0	38.3	43.3
LSD VALUE		29.0	23.9	15.4	25.4	25.8	14.8	16.7	27.1	38.8	33.8
C.V. (%)		13.2	11.4	7.9	10.6	12.2	7.8	11.5	13.7	26.1	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 6B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN					PERCENT GREEN COVER DURING RECOVERY					
		8/13	8/27	9/4	9/10	9/18	9/24	10/2	10/8	10/15	10/22	11/11
PST-K13-143	KB	65.0	59.3	52.3	67.0	73.3	83.3	81.7	68.7	70.3	71.7	73.7
BABE	KB	58.3	82.0	59.7	80.0	68.3	85.0	76.3	73.3	68.0	67.3	58.0
BLUE DEVIL	KB	58.3	63.3	68.7	68.7	72.3	80.0	74.7	68.3	69.0	69.3	60.7
BAR PP 110358	KB	58.3	71.0	56.3	78.0	78.0	84.3	85.0	66.3	71.3	80.0	73.7
NAI-13-132	KB	53.3	65.7	54.7	68.3	74.3	82.0	79.0	72.0	71.7	75.0	73.7
MIDNIGHT	KB	53.3	75.3	61.7	73.0	69.3	83.0	71.0	66.7	68.7	64.7	60.0
PST-K13-137	KB	60.0	83.3	63.3	74.3	73.7	84.0	71.0	66.3	69.3	68.3	60.3
BARRARI	KB	41.7	68.7	57.0	76.3	73.0	82.3	81.7	65.0	71.7	75.0	70.0
PST-K11-118	KB	46.7	57.7	51.3	67.0	71.0	78.7	75.0	65.0	68.3	60.3	61.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		56.7	64.3	56.7	72.7	72.0	81.7	80.3	73.0	70.3	73.7	70.3
PST-K13-141	KB	60.0	72.3	66.3	75.3	71.3	86.7	79.0	69.3	76.3	66.3	64.0
PST-K15-169	KB	50.0	55.7	49.0	65.3	72.3	81.3	74.3	66.3	70.0	64.3	67.7
EVEREST	KB	63.3	85.3	73.0	85.7	70.7	82.7	74.0	62.3	65.7	70.3	68.0
BLUE NOTE	KB	61.7	72.3	67.3	85.0	65.3	78.3	68.0	56.0	60.0	61.0	57.7
DAUNTLESS	KB	55.0	72.0	60.7	74.0	72.0	84.7	76.0	68.0	67.3	68.3	57.3
NAI-13-14	KB	36.7	57.3	52.7	69.3	75.0	76.7	76.0	69.0	70.0	71.3	64.0
LSD VALUE		17.6	60.4	67.6	36.1	36.3	19.2	21.6	11.6	19.4	21.7	16.6
C.V. (%)		15.8	28.0	32.6	16.2	13.8	7.2	10.0	7.8	9.3	11.9	11.5

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

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

TABLE 6C.

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		PRE-DROUGHT QUALITY				QUALITY RATINGS DURING DRY DOWN				
		5/17	5/30	6/5	6/12	6/20	6/27	7/3	7/10	7/18
PST-K11-118	KB	6.7	7.0	6.0	5.7	5.7	5.7	5.7	6.3	5.3
MIDNIGHT	KB	6.3	6.3	6.0	6.0	5.7	5.7	5.7	5.3	5.7
BLUE DEVIL	KB	6.0	6.7	5.7	5.0	6.0	5.3	5.7	6.3	5.3
BAR PP 110358	KB	6.0	6.3	5.3	5.3	5.7	5.3	5.0	5.7	5.7
NAI-13-132	KB	6.3	6.7	5.3	5.0	5.3	5.3	5.3	6.0	5.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.7	6.7	5.3	5.0	5.3	5.0	5.0	5.3	5.0
PST-K15-169	KB	5.3	6.0	5.3	5.3	6.0	5.7	5.3	6.0	5.0
PST-K13-143	KB	5.7	5.7	5.0	5.0	5.7	5.0	4.7	5.3	5.3
BARRARI	KB	6.0	6.3	5.3	5.3	5.3	5.3	5.3	5.7	5.0
DAUNTLESS	KB	6.0	6.0	5.3	5.3	5.3	5.3	4.7	5.3	5.3
BABE	KB	5.7	6.0	5.0	5.0	5.0	4.7	4.7	4.7	4.7
PST-K13-141	KB	5.3	5.3	4.7	4.7	5.3	4.7	5.0	5.3	4.7
EVEREST	KB	5.7	5.7	5.3	4.3	5.0	5.0	5.0	5.0	4.7
PST-K13-137	KB	5.7	5.3	4.7	4.7	5.3	5.0	4.7	5.7	5.0
BLUE NOTE	KB	5.7	5.7	5.3	4.7	5.0	4.7	4.0	4.7	4.3
NAI-13-14	KB	6.3	7.0	5.0	4.7	4.7	5.0	4.3	5.7	5.0
LSD VALUE		2.4	2.5	2.7	2.9	2.8	2.1	3.6	3.1	3.0
C.V. (%)		13.5	14.6	15.9	17.9	15.9	13.4	22.1	18.4	17.6

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

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

TABLE 6C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN								
		7/26	8/2	8/8	8/13	8/20	8/27	9/4	9/10	9/18
PST-K11-118	KB	5.3	5.3	5.0	5.7	5.0	4.7	5.0	4.0	4.0
MIDNIGHT	KB	5.7	5.3	5.3	5.3	5.0	5.0	4.7	4.3	4.0
BLUE DEVIL	KB	5.3	4.7	5.3	5.7	5.3	5.0	5.0	4.7	4.3
BAR PP 110358	KB	6.3	5.7	5.0	5.7	5.0	5.0	4.7	4.0	4.3
NAI-13-132	KB	6.0	5.0	5.3	5.7	5.0	4.7	4.3	4.3	4.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.0	5.0	5.3	6.3	5.3	4.7	4.7	4.3	4.0
PST-K15-169	KB	5.7	4.3	5.3	6.0	5.3	5.0	4.3	4.3	4.0
PST-K13-143	KB	6.0	5.3	5.3	5.7	5.0	5.0	4.7	4.3	4.0
BARRARI	KB	5.3	4.7	5.0	5.0	5.0	4.0	4.0	4.0	4.3
DAUNTLESS	KB	5.3	5.0	5.0	5.0	5.0	5.0	4.7	4.3	4.0
BABE	KB	5.7	4.3	5.0	5.0	5.0	4.3	4.3	5.0	4.0
PST-K13-141	KB	5.3	5.0	5.7	5.3	5.0	4.7	4.7	4.3	4.0
EVEREST	KB	5.0	5.0	5.3	5.3	5.0	4.0	4.7	4.0	4.3
PST-K13-137	KB	5.7	4.7	5.0	5.0	4.7	5.0	4.7	4.0	4.3
BLUE NOTE	KB	4.3	4.3	5.0	5.0	4.7	4.3	4.3	4.3	4.3
NAI-13-14	KB	4.7	4.0	5.0	5.3	4.7	4.7	4.0	4.0	3.3
LSD VALUE		2.1	2.6	3.2	2.3	2.1	1.3	1.9	1.3	1.3
C.V. (%)		14.8	17.7	16.4	14.1	11.8	11.0	13.2	11.2	11.3

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

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

TABLE 6C. PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 80% OF ET
 (CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
 2019 DATA

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

NAME		QUALITY RATINGS DURING RECOVERY PERIOD					11/13	MEAN
		9/24	10/2	10/8	10/15	10/22		
PST-K11-118	KB	3.7	4.7	4.0	4.3	4.0	3.0	5.2
MIDNIGHT	KB	3.3	4.7	4.7	4.3	4.0	3.0	5.1
BLUE DEVIL	KB	3.7	4.7	4.3	4.0	4.0	3.3	5.1
BAR PP 110358	KB	4.3	4.7	4.0	4.0	4.0	3.3	5.1
NAI-13-132	KB	3.7	5.0	4.7	4.7	4.0	3.0	5.1
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.0	4.3	4.7	4.3	4.7	3.3	5.0
PST-K15-169	KB	3.3	4.7	4.0	4.0	4.3	3.0	5.0
PST-K13-143	KB	3.7	4.7	4.7	4.0	4.3	3.3	5.0
BARRARI	KB	4.0	4.3	4.0	3.7	3.7	2.7	4.8
DAUNTLESS	KB	3.3	4.0	3.7	4.0	3.7	2.7	4.8
BABE	KB	4.0	4.7	4.3	4.0	4.0	3.0	4.7
PST-K13-141	KB	3.3	4.3	3.7	4.0	4.0	3.0	4.7
EVEREST	KB	3.7	4.0	4.3	4.0	3.7	2.7	4.7
PST-K13-137	KB	3.3	4.0	4.0	3.7	4.0	2.7	4.7
BLUE NOTE	KB	4.0	4.3	4.3	4.0	4.0	3.0	4.6
NAI-13-14	KB	3.7	3.7	3.3	3.7	3.3	2.3	4.6
LSD VALUE		1.9	1.6	1.2	1.3	1.5	1.4	1.4
C.V. (%)		16.9	13.0	12.5	11.4	13.5	16.6	9.0

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

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

TABLE 6C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN									
		5/25	6/12	6/20	6/27	7/3	7/10	7/18	7/26	8/2	8/8
PST-K11-118	KB	80.0	73.3	75.0	78.3	78.3	80.0	76.7	78.3	76.7	76.7
MIDNIGHT	KB	76.7	78.3	78.3	78.3	78.3	83.3	78.3	81.7	76.7	75.0
BLUE DEVIL	KB	78.3	76.7	76.7	80.0	78.3	78.3	78.3	76.7	71.7	76.7
BAR PP 110358	KB	71.7	68.3	75.0	75.0	73.3	75.0	76.7	81.7	78.3	76.7
NAI-13-132	KB	75.0	68.3	73.3	73.3	75.0	76.7	73.3	76.7	73.3	75.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		70.0	68.3	71.7	73.3	70.0	73.3	73.3	71.7	73.3	76.7
PST-K15-169	KB	73.3	73.3	75.0	78.3	76.7	76.7	76.7	78.3	73.3	76.7
PST-K13-143	KB	70.0	71.7	71.7	73.3	76.7	75.0	68.3	76.7	78.3	75.0
BARRARI	KB	76.7	71.7	75.0	76.7	76.7	73.3	73.3	76.7	66.7	71.7
DAUNTLESS	KB	70.0	73.3	73.3	71.7	73.3	78.3	75.0	76.7	71.7	78.3
BABE	KB	71.7	68.3	71.7	73.3	71.7	73.3	73.3	76.7	71.7	75.0
PST-K13-141	KB	71.7	71.7	75.0	73.3	75.0	78.3	73.3	78.3	73.3	75.0
EVEREST	KB	73.3	66.7	71.7	73.3	70.0	73.3	66.7	75.0	71.7	73.3
PST-K13-137	KB	70.0	70.0	73.3	73.3	73.3	81.7	75.0	81.7	73.3	76.7
BLUE NOTE	KB	73.3	65.0	70.0	68.3	68.3	71.7	66.7	73.3	71.7	73.3
NAI-13-14	KB	76.7	68.3	71.7	70.0	70.0	73.3	71.7	71.7	63.3	66.7
LSD VALUE		34.9	31.6	26.6	28.9	33.9	33.3	36.4	20.9	25.1	15.1
C.V. (%)		13.3	13.1	10.0	11.3	13.0	12.5	14.2	8.6	11.0	6.8

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

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

TABLE 6C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN					PERCENT GREEN COVER DURING RECOVERY					
		8/13	8/27	9/4	9/10	9/18	9/24	10/2	10/8	10/15	10/22	11/11
PST-K11-118	KB	80.0	88.7	73.7	87.7	87.0	86.3	85.7	71.3	73.0	66.0	64.7
MIDNIGHT	KB	80.0	91.3	77.0	90.3	86.7	90.0	86.3	71.0	71.3	68.7	62.0
BLUE DEVIL	KB	78.3	93.0	83.7	88.0	84.3	88.7	87.3	76.3	74.7	69.0	62.7
BAR PP 110358	KB	80.0	93.3	88.0	91.0	90.7	89.7	91.3	76.3	68.3	77.0	64.7
NAI-13-132	KB	80.0	94.3	82.7	89.7	87.0	88.0	87.0	80.3	70.3	76.3	67.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		80.0	94.0	78.0	88.3	86.3	88.7	83.3	74.0	73.3	68.7	67.0
PST-K15-169	KB	81.7	90.0	76.0	86.7	86.7	88.7	83.0	72.0	71.7	67.3	65.7
PST-K13-143	KB	81.7	92.7	76.3	87.0	87.7	89.3	86.7	74.0	73.0	67.7	65.0
BARRARI	KB	71.7	89.0	80.0	85.7	87.0	87.7	87.0	70.3	66.7	68.3	59.3
DAUNTLESS	KB	76.7	91.7	80.3	87.7	85.3	89.0	80.0	70.3	71.0	60.3	56.3
BABE	KB	73.3	92.3	78.0	91.0	88.3	88.7	88.0	79.7	67.3	66.3	62.7
PST-K13-141	KB	78.3	92.7	78.3	89.7	88.0	89.3	86.0	70.3	71.7	65.3	62.7
EVEREST	KB	76.7	94.3	85.3	90.3	89.3	88.3	87.0	80.0	67.0	64.7	63.0
PST-K13-137	KB	73.3	93.0	78.7	88.0	86.7	90.3	82.7	75.7	72.3	63.3	59.7
BLUE NOTE	KB	78.3	92.7	79.3	87.3	88.3	87.7	87.0	72.3	67.7	65.7	62.3
NAI-13-14	KB	75.0	90.3	76.7	87.0	85.0	86.0	78.0	68.0	65.7	67.7	63.0
LSD VALUE		22.7	14.2	33.3	15.8	15.7	12.4	17.1	26.1	12.8	15.6	7.5
C.V. (%)		9.0	4.6	12.3	5.1	5.2	4.0	6.9	11.1	6.6	9.1	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 7A.

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		PRE-DROUGHT QUALITY				QUALITY RATINGS DURING DRY DOWN				
		5/17	5/30	6/5	6/12	6/20	6/27	7/3	7/10	7/18
PST-R511	TF	5.3	6.7	5.3	4.7	4.7	5.3	4.0	4.0	4.0
DLFPS 321/3678	TF	6.3	7.0	5.3	4.7	5.0	5.3	3.0	3.3	3.3
KINGDOM	TF	5.3	6.3	5.3	5.0	5.3	5.7	3.7	4.3	3.0
SUPERSONIC	TF	6.0	6.0	5.3	4.3	4.7	5.3	3.7	4.0	2.7
DLFPS 321/3677	TF	5.7	6.0	5.7	4.3	5.0	5.3	3.7	4.0	2.3
THOR	TF	5.7	6.3	5.3	3.7	4.0	4.7	3.0	3.3	4.0
PST-5SDS	TF	5.3	5.3	5.0	3.7	4.3	4.3	3.3	3.3	3.3
STETSON II	TF	5.7	6.0	5.3	4.0	4.0	4.3	3.0	4.0	3.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.3	6.3	5.3	4.0	4.7	4.7	3.3	3.3	3.3
LTP-SYN-A3	TF	5.0	5.3	4.7	4.0	4.3	4.3	3.0	3.3	2.7
DLFPS 321/3679	TF	5.7	6.3	5.3	4.3	5.3	5.0	3.3	3.7	2.3
MRSL TF15	TF	5.3	5.7	5.0	4.0	4.7	5.0	2.7	3.7	2.3
CATALYST	TF	5.7	6.3	5.0	3.7	3.7	4.3	3.3	3.3	3.3
TITANIUM 2LS	TF	5.3	5.3	5.0	3.7	4.7	4.3	3.0	3.7	2.3
NONET	TF	6.3	6.3	5.3	4.3	4.3	4.7	3.3	3.0	2.7
GO-AOMK	TF	6.3	7.0	5.7	4.0	4.3	4.7	3.0	2.7	2.0
BARROBUSTO	TF	5.7	6.0	5.7	4.0	5.0	5.0	3.0	3.0	2.3
THUNDERSTRUCK	TF	5.0	5.7	4.7	3.3	3.7	4.3	3.0	3.0	3.0
RS4	TF	4.3	4.3	4.0	3.7	4.0	3.7	3.3	3.0	3.0
BAR FA 121095	TF	6.3	6.3	5.3	3.7	4.0	4.3	3.0	2.3	1.7
LSD VALUE		2.8	3.1	2.5	2.1	1.9	2.7	3.4	3.4	2.3
C.V. (%)		16.8	17.8	14.9	17.6	16.4	18.6	27.8	30.1	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 7A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN								
		7/26	8/2	8/8	8/13	8/20	8/27	9/4	9/10	9/18
PST-R511	TF	3.3	3.0	3.3	3.0	3.3	2.3	2.3	3.7	2.0
DLFPS 321/3678	TF	4.0	2.7	3.0	3.0	2.7	2.0	2.0	2.3	2.0
KINGDOM	TF	3.0	2.7	3.3	2.7	2.7	2.0	2.3	3.0	2.0
SUPERSONIC	TF	2.7	2.3	3.0	2.3	2.7	2.7	2.7	3.0	2.3
DLFPS 321/3677	TF	2.7	2.0	2.7	2.7	3.0	2.3	2.7	3.0	2.3
THOR	TF	4.3	2.3	3.0	2.7	2.7	2.3	2.0	2.7	2.3
PST-5SDS	TF	3.0	2.3	3.3	3.0	3.0	2.0	2.7	3.7	2.3
STETSON II	TF	3.3	2.3	2.7	2.3	2.7	2.0	2.0	3.0	2.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		3.3	1.7	2.7	2.7	2.7	2.0	2.0	2.3	2.0
LTP-SYN-A3	TF	3.0	2.7	2.7	2.3	3.0	2.3	2.3	3.7	2.3
DLFPS 321/3679	TF	2.7	1.7	2.0	2.0	2.0	2.7	2.3	3.0	2.0
MRSL TF15	TF	3.0	2.3	2.0	2.3	2.7	2.3	2.3	3.0	2.0
CATALYST	TF	3.7	2.0	2.3	2.0	2.7	2.0	2.0	2.7	2.0
TITANIUM 2LS	TF	2.7	2.0	2.0	2.3	2.7	2.7	2.7	3.0	2.0
NONET	TF	2.7	2.0	2.0	2.0	2.3	2.0	2.0	2.3	2.3
GO-AOMK	TF	2.0	1.0	2.3	2.0	2.3	2.0	2.0	2.3	2.3
BARROBUSTO	TF	2.0	1.3	1.3	1.7	2.3	2.0	2.0	2.3	2.0
THUNDERSTRUCK	TF	3.0	1.7	2.3	2.0	2.3	2.3	2.0	2.3	2.3
RS4	TF	2.7	2.0	3.0	2.3	2.7	2.3	2.0	2.7	2.0
BAR FA 121095	TF	1.7	1.0	1.7	1.7	2.3	2.0	2.3	2.3	2.0
LSD VALUE		1.7	2.4	1.2	2.7	1.9	1.1	1.2	0.9	1.3
C.V. (%)		26.5	42.4	24.6	34.6	22.6	18.0	19.3	17.2	17.2

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

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

TABLE 7A. PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 40% OF ET
 (CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
 2019 DATA

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

NAME		QUALITY RATINGS DURING RECOVERY PERIOD						MEAN
		9/24	10/2	10/8	10/15	10/22	11/13	
PST-R511	TF	2.7	3.0	3.0	3.0	3.0	3.0	3.7
DLFPS 321/3678	TF	2.3	3.3	3.3	3.0	3.3	2.7	3.6
KINGDOM	TF	2.3	2.3	3.3	3.0	3.3	3.0	3.6
SUPERSONIC	TF	2.7	2.7	3.0	3.3	3.7	3.0	3.5
DLFPS 321/3677	TF	2.0	2.7	2.7	3.0	3.0	3.3	3.4
THOR	TF	2.3	3.3	2.7	3.0	3.0	2.3	3.4
PST-5SDS	TF	3.3	2.7	3.0	3.0	3.0	2.7	3.4
STETSON II	TF	2.3	3.3	3.3	3.0	3.3	2.7	3.4
SR 4650 (P.RYEGRASS STANDARD ENTRY)		2.7	3.0	3.0	3.0	3.0	2.7	3.4
LTP-SYN-A3	TF	2.0	3.0	3.0	3.0	3.3	2.7	3.3
DLFPS 321/3679	TF	2.0	2.7	3.0	3.0	3.0	3.0	3.3
MRSL TF15	TF	2.7	2.7	3.0	3.0	3.3	2.3	3.3
CATALYST	TF	2.3	3.0	3.0	3.0	3.3	2.7	3.2
TITANIUM 2LS	TF	2.3	2.7	3.0	3.0	3.3	2.3	3.2
NONET	TF	2.0	3.0	2.7	2.7	2.7	2.7	3.2
GO-AOMK	TF	2.3	2.3	2.7	2.3	2.7	2.0	3.1
BAROBUSTO	TF	2.0	3.0	2.7	2.3	2.7	2.7	3.0
THUNDERSTRUCK	TF	2.3	2.7	2.7	2.3	2.7	2.3	3.0
RS4	TF	2.0	2.3	3.0	2.3	3.0	2.3	2.9
BAR FA 121095	TF	2.0	2.7	2.7	2.7	2.7	2.3	2.9
LSD VALUE		1.3	1.3	2.4	2.2	2.3	1.6	1.3
C.V. (%)		21.4	17.0	21.4	22.5	21.3	21.0	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 7A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN									
		5/25	6/12	6/20	6/27	7/3	7/10	7/18	7/26	8/2	8/8
PST-R511	TF	80.0	70.0	68.3	73.3	60.0	58.3	50.0	50.0	36.7	43.3
DLFPS 321/3678	TF	80.0	55.0	65.0	70.0	43.3	50.0	43.3	50.0	28.3	33.3
KINGDOM	TF	78.3	73.3	73.3	75.0	58.3	55.0	41.7	43.3	31.7	36.7
SUPERSONIC	TF	73.3	68.3	66.7	71.7	55.0	51.7	40.0	40.0	28.3	31.7
DLFPS 321/3677	TF	75.0	70.0	70.0	75.0	56.7	53.3	40.0	33.3	25.0	35.0
THOR	TF	78.3	53.3	60.0	65.0	50.0	48.3	50.0	55.0	30.0	33.3
PST-5SDS	TF	71.7	61.7	61.7	63.3	50.0	50.0	41.7	40.0	35.0	36.7
STETSON II	TF	75.0	55.0	60.0	63.3	48.3	53.3	43.3	41.7	28.3	28.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		78.3	53.3	61.7	71.7	46.7	50.0	38.3	40.0	23.3	28.3
LTP-SYN-A3	TF	70.0	56.7	61.7	66.7	50.0	51.7	33.3	36.7	26.7	30.0
DLFPS 321/3679	TF	75.0	68.3	70.0	76.7	55.0	55.0	31.7	30.0	20.0	23.3
MRSL TF15	TF	70.0	61.7	68.3	73.3	50.0	48.3	35.0	38.3	23.3	25.0
CATALYST	TF	75.0	53.3	58.3	65.0	46.7	48.3	45.0	41.7	25.0	25.0
TITANIUM 2LS	TF	70.0	66.7	66.7	73.3	48.3	56.7	33.3	40.0	20.0	25.0
NONET	TF	76.7	55.0	61.7	66.7	48.3	46.7	36.7	36.7	23.3	23.3
GO-AOMK	TF	80.0	58.3	60.0	68.3	46.7	38.3	25.0	23.3	16.7	20.0
BARROBUSTO	TF	81.7	58.3	61.7	71.7	46.7	45.0	26.7	21.7	18.3	21.7
THUNDERSTRUCK	TF	71.7	53.3	60.0	63.3	46.7	45.0	41.7	41.7	21.7	21.7
RS4	TF	60.0	60.0	60.0	60.0	55.0	53.3	45.0	36.7	28.3	31.7
BAR FA 121095	TF	78.3	53.3	55.0	65.0	46.7	38.3	21.7	20.0	15.0	20.0
LSD VALUE		16.3	18.4	28.6	14.7	38.2	45.8	46.0	48.5	31.6	39.5
C.V. (%)		9.2	13.9	14.2	9.2	21.3	25.6	38.2	42.2	41.0	43.1

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

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

TABLE 7A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN					PERCENT GREEN COVER DURING RECOVERY					
		8/13	8/27	9/4	9/10	9/18	9/24	10/2	10/8	10/15	10/22	11/11
PST-R511	TF	33.3	37.7	39.3	51.0	43.7	68.3	70.3	76.3	71.0	75.7	69.7
DLFPS 321/3678	TF	28.3	35.0	19.7	29.3	35.0	71.7	75.3	65.7	71.7	69.7	64.7
KINGDOM	TF	28.3	29.3	35.0	36.7	36.0	64.3	69.0	69.3	64.7	69.3	66.7
SUPERSONIC	TF	26.7	33.3	31.3	30.0	49.3	76.3	71.0	64.3	73.0	67.0	69.7
DLFPS 321/3677	TF	26.7	42.3	20.0	41.0	53.0	71.3	67.0	59.7	63.3	64.3	69.3
THOR	TF	25.0	38.7	20.0	24.0	24.7	67.3	70.7	64.7	64.0	64.3	59.0
PST-5SDS	TF	30.0	28.7	41.7	50.0	45.7	69.7	69.3	71.7	68.3	68.7	69.3
STETSON II	TF	25.0	23.3	16.0	18.7	31.7	69.0	68.7	71.3	67.0	64.3	68.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		21.7	32.7	22.0	22.7	42.7	73.0	66.7	61.7	55.3	64.0	61.7
LTP-SYN-A3	TF	23.3	35.3	39.0	50.7	42.7	63.7	67.3	76.0	58.3	74.0	63.7
DLFPS 321/3679	TF	25.0	38.3	18.3	37.0	52.0	68.0	67.3	61.3	62.7	69.3	61.3
MRSL TF15	TF	20.0	40.0	32.0	38.0	45.7	64.0	66.7	71.7	63.7	66.0	63.3
CATALYST	TF	21.7	24.3	13.3	18.7	33.0	69.0	62.3	66.7	57.3	63.3	65.3
TITANIUM 2LS	TF	25.0	41.7	29.0	36.7	49.7	76.7	70.7	64.7	68.3	64.0	65.7
NONET	TF	21.7	21.0	7.3	22.7	30.3	57.7	56.0	59.0	57.7	58.7	54.3
GO-AOMK	TF	16.7	20.3	9.3	23.3	34.7	55.7	53.0	60.3	55.0	61.3	51.3
BARROBUSTO	TF	15.0	23.3	6.0	15.7	34.7	59.0	52.3	52.7	51.0	48.7	49.7
THUNDERSTRUCK	TF	16.7	22.7	8.7	18.0	20.7	44.7	53.3	60.7	46.7	47.7	46.7
RS4	TF	25.0	47.0	25.3	23.3	26.0	47.3	70.3	69.0	61.3	64.0	62.7
BAR FA 121095	TF	11.7	22.0	10.0	27.7	32.7	58.3	49.0	52.0	52.7	51.3	52.3
LSD VALUE		27.5	40.7	41.4	23.9	46.7	35.2	44.8	22.5	36.4	37.9	23.2
C.V. (%)		39.7	43.9	74.1	39.7	41.9	20.4	22.0	14.3	20.1	20.1	15.8

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

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

TABLE 7B.

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		PRE-DROUGHT QUALITY				QUALITY RATINGS DURING DRY DOWN				
		5/17	5/30	6/5	6/12	6/20	6/27	7/3	7/10	7/18
DLFPS 321/3678	TF	6.3	6.0	5.0	4.7	5.3	5.0	4.7	4.7	5.3
DLFPS 321/3679	TF	6.3	7.0	6.0	5.7	5.7	5.7	4.3	5.0	4.7
TITANIUM 2LS	TF	6.0	6.0	5.7	5.0	5.3	5.0	4.7	5.3	5.0
THOR	TF	6.0	5.3	5.0	4.7	5.0	4.7	5.0	4.7	5.0
BAR FA 121095	TF	7.0	6.7	6.0	4.7	5.3	5.0	4.7	4.3	4.3
MDSL TF15	TF	5.3	5.3	5.0	4.7	5.3	5.0	5.0	4.7	5.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.7	5.3	4.7	4.3	5.0	4.7	4.0	4.3	4.7
THUNDERSTRUCK	TF	5.7	5.7	5.3	5.3	5.0	4.3	4.3	4.0	4.0
LTP-SYN-A3	TF	5.7	5.7	4.7	4.7	5.0	5.0	4.7	4.3	4.3
RS4	TF	6.0	6.0	5.0	5.0	5.0	4.7	5.0	4.7	4.3
STETSON II	TF	6.0	5.7	5.0	5.0	5.0	4.7	4.3	3.7	3.7
SUPERSONIC	TF	5.3	5.3	4.7	4.7	4.3	4.3	4.0	4.7	4.3
NONET	TF	5.7	6.0	5.3	4.7	4.7	4.7	4.0	4.0	4.0
BARROBUSTO	TF	5.3	5.3	4.7	4.7	4.7	4.7	4.3	4.0	3.7
DLFPS 321/3677	TF	5.3	5.7	4.7	4.7	5.0	4.7	4.0	4.7	4.0
PST-5SDS	TF	5.3	5.3	4.3	5.0	4.7	4.3	4.3	4.0	3.7
GO-AOMK	TF	6.0	6.3	5.3	4.3	4.7	4.3	4.3	4.0	3.7
KINGDOM	TF	5.0	5.0	4.7	4.7	5.0	4.7	4.0	4.3	3.7
CATALYST	TF	4.3	4.3	3.7	3.3	4.0	4.0	3.7	3.3	4.0
PST-R511	TF	5.0	5.3	4.3	4.0	4.3	4.7	3.7	3.7	3.3
LSD VALUE		1.4	2.0	0.9	1.6	1.7	1.8	1.8	2.0	1.5
C.V. (%)		12.0	14.6	10.7	14.3	12.8	13.1	15.0	17.2	16.1

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 7B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN								
		7/26	8/2	8/8	8/13	8/20	8/27	9/4	9/10	9/18
DLFPS 321/3678	TF	4.7	4.3	4.7	4.7	4.0	3.7	4.0	3.7	3.3
DLFPS 321/3679	TF	4.7	3.3	3.3	3.7	4.0	4.0	3.3	4.0	3.3
TITANIUM 2LS	TF	5.0	3.3	3.7	4.3	4.3	4.3	3.7	4.0	3.0
THOR	TF	4.7	3.7	4.3	4.3	3.7	3.7	4.0	3.3	3.3
BAR FA 121095	TF	4.0	2.7	4.3	3.7	4.0	4.0	3.0	3.7	3.0
MRSL TF15	TF	5.0	3.7	4.0	4.0	4.0	4.3	3.0	3.7	3.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.7	3.7	4.3	4.0	4.0	3.7	3.0	3.7	3.3
THUNDERSTRUCK	TF	4.0	3.3	4.0	4.0	4.0	3.7	3.7	3.3	3.0
LTP-SYN-A3	TF	4.3	3.0	3.7	3.3	3.3	4.0	3.3	3.7	3.0
RS4	TF	4.3	3.0	3.7	3.7	3.7	3.7	3.3	3.0	3.0
STETSON II	TF	4.3	3.0	3.3	3.3	4.0	3.7	3.7	3.7	2.7
SUPERSONIC	TF	4.7	3.3	4.0	3.7	4.0	4.0	3.7	3.7	3.0
NONET	TF	4.0	3.0	3.7	3.7	4.0	3.7	3.7	3.3	3.0
BARROBUSTO	TF	4.0	3.0	3.7	3.7	4.0	3.3	3.3	3.3	3.0
DLFPS 321/3677	TF	4.3	3.0	3.7	3.3	3.3	3.7	3.3	3.3	3.0
PST-5SDS	TF	4.7	2.7	3.7	3.3	4.0	3.3	3.0	3.7	2.7
GO-AOMK	TF	4.3	3.0	4.0	4.0	4.0	3.7	3.0	3.3	3.0
KINGDOM	TF	4.0	3.0	3.7	3.3	4.0	4.0	3.3	3.3	3.0
CATALYST	TF	4.3	3.0	3.3	3.7	4.0	4.0	4.0	4.3	3.0
PST-R511	TF	4.0	2.7	3.3	3.0	3.3	3.7	3.3	3.7	2.7
LSD VALUE		1.7	1.6	2.7	1.5	3.2	2.0	2.4	1.6	1.6
C.V. (%)		13.1	19.0	21.0	15.9	21.0	15.6	20.9	14.8	15.3

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

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

TABLE 7B. PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 60% OF ET
(CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING RECOVERY PERIOD					11/13	MEAN
		9/24	10/2	10/8	10/15	10/22		
DLFPS 321/3678	TF	3.3	4.0	4.0	5.0	4.3	3.7	4.6
DLFPS 321/3679	TF	3.3	3.7	3.7	4.0	3.7	2.7	4.4
TITANIUM 2LS	TF	3.0	3.7	3.7	3.7	4.0	2.3	4.4
THOR	TF	3.3	4.3	4.0	4.3	4.3	3.0	4.4
BAR FA 121095	TF	2.7	4.0	3.7	3.7	3.7	2.7	4.3
MRS� TF15	TF	3.3	3.7	3.0	3.7	3.7	2.7	4.2
SR 4650 (P.RYEGRASS STANDARD ENTRY)		3.0	3.7	3.7	4.3	4.7	3.7	4.2
THUNDERSTRUCK	TF	3.0	4.0	3.7	3.7	3.3	2.7	4.1
LTP-SYN-A3	TF	3.3	3.7	3.7	3.7	4.0	2.3	4.1
RS4	TF	2.7	3.7	3.3	3.7	3.3	2.7	4.1
STETSON II	TF	3.3	4.3	3.7	3.7	4.0	3.3	4.1
SUPERSONIC	TF	3.3	3.3	3.7	3.3	3.7	2.7	4.0
NONET	TF	2.7	3.7	3.7	3.7	3.7	3.0	4.0
BARROBUSTO	TF	3.3	4.0	3.7	4.0	4.3	3.0	4.0
DLFPS 321/3677	TF	3.0	4.0	3.3	3.7	3.7	2.3	4.0
PST-5SDS	TF	3.3	4.3	3.7	3.7	4.3	3.0	4.0
GO-AOMK	TF	2.7	3.3	3.3	3.0	3.3	2.3	4.0
KINGDOM	TF	3.0	3.3	3.3	3.7	3.7	2.7	3.9
CATALYST	TF	4.0	4.7	3.7	4.3	4.0	3.3	3.9
PST-R511	TF	3.3	3.3	3.7	3.3	4.0	2.7	3.7
LSD VALUE		1.3	1.1	1.9	1.3	1.2	0.9	0.7
C.V. (%)		15.7	12.7	14.7	14.8	13.2	16.4	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 7B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		5/25	6/12	6/20	PERCENT GREEN COVER DURING DRY DOWN						
					6/27	7/3	7/10	7/18	7/26	8/2	8/8
DLFPS 321/3678	TF	76.7	71.7	71.7	71.7	71.7	75.0	71.7	71.7	58.3	58.3
DLFPS 321/3679	TF	80.0	75.0	75.0	76.7	71.7	75.0	63.3	70.0	45.0	51.7
TITANIUM 2LS	TF	75.0	71.7	71.7	76.7	68.3	75.0	70.0	73.3	53.3	51.7
THOR	TF	75.0	70.0	70.0	68.3	70.0	71.7	66.7	70.0	55.0	56.7
BAR FA 121095	TF	80.0	71.7	73.3	78.3	71.7	73.3	60.0	63.3	35.0	45.0
MRS� TF15	TF	70.0	71.7	71.7	71.7	70.0	73.3	73.3	71.7	51.7	51.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		75.0	68.3	70.0	66.7	66.7	70.0	66.7	71.7	55.0	55.0
THUNDERSTRUCK	TF	76.7	73.3	70.0	71.7	75.0	70.0	61.7	60.0	36.7	50.0
LTP-SYN-A3	TF	68.3	60.0	66.7	76.7	63.3	68.3	53.3	58.3	40.0	48.3
RS4	TF	75.0	73.3	73.3	73.3	71.7	71.7	61.7	56.7	40.0	43.3
STETSON II	TF	73.3	65.0	68.3	71.7	63.3	65.0	51.7	56.7	40.0	46.7
SUPERSONIC	TF	70.0	66.7	66.7	70.0	66.7	71.7	60.0	60.0	43.3	45.0
NONET	TF	73.3	66.7	70.0	71.7	68.3	70.0	60.0	51.7	35.0	45.0
BARROBUSTO	TF	73.3	68.3	70.0	70.0	70.0	70.0	58.3	56.7	41.7	48.3
DLFPS 321/3677	TF	70.0	68.3	68.3	70.0	65.0	70.0	55.0	61.7	43.3	46.7
PST-5SDS	TF	73.3	63.3	65.0	70.0	65.0	66.7	51.7	56.7	38.3	41.7
GO-AOMK	TF	76.7	68.3	70.0	68.3	66.7	70.0	58.3	58.3	36.7	43.3
KINGDOM	TF	70.0	66.7	70.0	71.7	68.3	66.7	51.7	55.0	45.0	48.3
CATALYST	TF	58.3	50.0	60.0	65.0	55.0	58.3	61.7	60.0	51.7	55.0
PST-R511	TF	65.0	56.7	58.3	71.7	56.7	60.0	45.0	50.0	35.0	41.7
LSD VALUE		15.0	9.7	13.8	12.0	13.7	18.0	20.2	15.9	24.2	20.4
C.V. (%)		9.1	8.2	8.3	6.8	9.2	9.8	15.3	12.9	23.2	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 7B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN					PERCENT GREEN COVER DURING RECOVERY					
		8/13	8/27	9/4	9/10	9/18	9/24	10/2	10/8	10/15	10/22	11/11
DLFPS 321/3678	TF	60.0	59.3	53.3	71.3	70.3	85.0	83.7	72.0	73.0	73.7	73.0
DLFPS 321/3679	TF	46.7	74.0	61.0	79.3	76.3	83.0	75.7	69.0	73.3	69.3	67.0
TITANIUM 2LS	TF	46.7	78.3	62.0	72.3	77.3	78.0	79.0	72.7	74.7	69.3	57.7
THOR	TF	63.3	80.0	54.7	76.0	71.7	85.0	81.7	75.3	75.0	70.7	70.7
BAR FA 121095	TF	43.3	55.3	47.3	65.0	70.7	77.3	71.3	66.3	66.0	61.0	60.3
MRS L TF15	TF	51.7	79.3	61.0	78.0	74.0	81.0	71.7	72.0	67.3	60.7	61.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		56.7	64.3	56.7	72.7	72.0	81.7	80.3	73.0	70.3	73.7	70.3
THUNDERSTRUCK	TF	50.0	73.7	51.0	77.0	70.0	80.0	76.3	71.3	73.3	67.0	66.3
LTP-SYN-A3	TF	43.3	82.7	71.0	85.3	73.0	79.0	76.7	68.3	73.3	69.0	63.7
RS4	TF	45.0	64.7	43.0	64.7	68.0	76.7	72.3	66.7	66.7	61.7	63.0
STETSON II	TF	43.3	75.0	74.3	88.3	69.3	86.0	80.7	77.0	74.7	72.3	75.0
SUPERSONIC	TF	53.3	74.7	57.7	68.7	75.7	77.3	72.0	67.0	69.7	64.3	59.3
NONET	TF	40.0	56.7	48.3	72.3	68.3	80.3	75.0	66.0	69.7	68.3	67.3
BARROBUSTO	TF	46.7	61.3	55.0	67.0	70.3	80.3	73.0	67.7	69.3	67.7	66.0
DLFPS 321/3677	TF	48.3	66.7	56.3	74.7	73.3	80.7	68.7	67.3	68.7	62.7	62.3
PST-5SDS	TF	41.7	64.3	68.3	79.7	63.0	80.0	77.0	68.7	74.7	72.7	66.7
GO-AOMK	TF	46.7	55.0	38.0	64.0	67.3	75.3	72.3	63.7	67.3	57.3	57.3
KINGDOM	TF	53.3	73.3	59.0	77.0	72.3	84.0	75.7	71.0	70.0	64.7	67.7
CATALYST	TF	58.3	79.7	73.3	84.7	82.0	88.3	87.0	78.0	82.3	76.0	75.7
PST-R511	TF	41.7	67.7	51.7	82.3	70.3	79.7	78.7	69.0	72.3	67.3	70.0
LSD VALUE		16.8	46.0	69.4	36.5	35.1	24.5	19.2	14.0	24.0	30.0	24.7
C.V. (%)		16.2	22.3	35.7	16.4	13.6	8.9	9.4	7.9	10.4	14.1	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 7C.

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		PRE-DROUGHT QUALITY				QUALITY RATINGS DURING DRY DOWN				
		5/17	5/30	6/5	6/12	6/20	6/27	7/3	7/10	7/18
CATALYST	TF	5.7	6.3	5.0	5.3	6.0	5.7	5.7	6.3	6.0
STETSON II	TF	6.3	6.3	5.3	5.0	5.0	5.3	4.7	5.7	5.3
PST-5SDS	TF	5.3	6.0	5.7	5.0	5.3	5.0	4.7	5.3	5.0
KINGDOM	TF	5.7	6.0	5.7	5.3	6.0	6.0	5.3	6.0	5.3
RS4	TF	5.7	6.0	5.0	5.3	5.3	5.3	4.7	5.7	5.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.7	6.7	5.3	5.0	5.3	5.0	5.0	5.3	5.0
DLFPS 321/3679	TF	6.3	6.0	5.7	5.3	5.7	5.7	5.3	5.3	5.3
PST-R511	TF	5.0	6.0	5.3	5.0	5.3	5.0	4.7	5.0	5.0
MRSL TF15	TF	6.3	6.7	5.7	5.0	5.7	6.0	5.3	5.7	5.7
THOR	TF	6.0	6.0	4.7	5.0	5.3	4.3	4.7	5.3	5.3
DLFPS 321/3678	TF	6.7	6.3	4.7	4.7	5.0	4.7	4.3	5.3	5.0
GO-AOMK	TF	6.3	6.7	5.0	5.3	5.3	5.3	5.3	5.7	5.0
NONET	TF	6.0	6.7	5.3	5.7	5.3	5.3	5.0	5.3	5.3
DLFPS 321/3677	TF	6.3	6.0	6.0	5.3	5.7	5.0	5.7	5.3	5.3
TITANIUM 2LS	TF	5.7	6.0	5.0	5.3	5.3	6.0	5.0	6.0	5.3
SUPERSONIC	TF	5.3	6.0	5.3	5.3	5.3	5.0	5.3	5.7	5.0
LTP-SYN-A3	TF	6.3	6.0	5.0	4.3	5.0	5.0	4.3	4.7	4.7
BARROBUSTO	TF	6.3	7.0	5.7	5.3	5.7	5.3	5.3	5.3	5.3
THUNDERSTRUCK	TF	5.7	6.0	5.0	5.0	5.3	5.3	5.0	6.0	5.0
BAR FA 121095	TF	6.3	6.3	5.3	5.0	5.3	5.3	5.3	5.7	4.3
LSD VALUE		3.0	3.8	3.1	3.2	4.1	2.9	4.4	4.4	2.8
C.V. (%)		15.4	15.7	16.4	16.4	18.6	16.4	22.7	20.4	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 7C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN								
		7/26	8/2	8/8	8/13	8/20	8/27	9/4	9/10	9/18
CATALYST	TF	6.7	6.0	6.0	6.7	5.3	5.3	5.7	5.0	5.3
STETSON II	TF	5.3	5.3	6.0	6.3	5.7	5.0	5.0	4.3	5.0
PST-5SDS	TF	5.7	5.0	6.0	5.7	5.7	5.0	5.0	4.7	4.7
KINGDOM	TF	5.3	5.3	5.7	5.3	5.3	5.0	4.7	4.3	4.3
RS4	TF	5.7	5.3	5.3	5.0	5.3	4.7	5.3	4.7	4.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.0	5.0	5.3	6.3	5.3	4.7	4.7	4.3	4.0
DLFPS 321/3679	TF	5.3	5.0	5.3	5.3	4.7	4.7	5.0	4.3	4.0
PST-R511	TF	6.0	5.0	5.7	5.3	5.0	5.0	5.0	5.0	4.7
MRSI TF15	TF	5.7	5.0	4.7	4.7	5.0	4.7	4.7	4.3	4.3
THOR	TF	5.3	5.0	6.0	6.0	5.0	4.7	5.0	4.3	4.3
DLFPS 321/3678	TF	5.3	5.0	5.3	5.7	5.3	5.0	5.0	4.3	4.3
GO-AOMK	TF	5.0	5.0	5.0	5.0	5.7	4.7	5.0	4.0	4.0
NONET	TF	5.3	5.0	5.3	5.7	5.0	4.3	4.7	4.3	4.0
DLFPS 321/3677	TF	5.0	5.3	5.0	5.0	4.7	4.3	4.7	4.0	4.0
TITANIUM 2LS	TF	5.3	5.0	5.0	4.7	5.0	5.0	4.3	4.0	4.0
SUPERSONIC	TF	5.0	5.0	5.3	5.0	5.3	5.3	4.7	4.3	4.0
LTP-SYN-A3	TF	5.3	4.7	5.0	5.0	5.0	5.3	5.0	5.0	4.3
BARROBUSTO	TF	5.0	4.7	5.0	5.0	5.0	4.3	4.7	4.3	3.3
THUNDERSTRUCK	TF	4.7	4.7	5.0	5.3	5.0	4.3	5.0	4.3	4.3
BAR FA 121095	TF	5.3	4.7	5.0	5.7	5.0	4.3	5.0	4.3	3.3
LSD VALUE		2.4	3.8	3.4	2.3	2.4	1.3	1.0	1.7	2.2
C.V. (%)		14.4	19.2	17.8	15.7	13.0	10.5	8.3	12.5	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 7C. PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 80% OF ET
 (CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
 2019 DATA

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

NAME		QUALITY RATINGS DURING RECOVERY PERIOD					11/13	MEAN
		9/24	10/2	10/8	10/15	10/22		
CATALYST	TF	5.0	5.0	5.3	4.7	4.7	3.7	5.6
STETSON II	TF	5.3	5.0	4.7	3.7	4.0	3.0	5.2
PST-5SDS	TF	5.3	5.0	4.7	4.0	4.3	3.0	5.1
KINGDOM	TF	4.3	4.3	4.3	4.0	4.3	3.3	5.1
RS4	TF	4.7	4.7	4.7	4.0	4.3	3.0	5.1
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.0	4.3	4.7	4.3	4.7	3.3	5.0
DLFPS 321/3679	TF	3.7	4.7	4.3	4.3	4.3	3.0	5.0
PST-R511	TF	4.7	5.0	5.0	4.0	4.0	3.0	5.0
MRSL TF15	TF	3.7	4.7	4.3	3.3	4.0	3.3	5.0
THOR	TF	4.7	4.0	4.3	4.0	5.0	3.0	5.0
DLFPS 321/3678	TF	4.0	4.3	4.7	4.0	4.3	3.0	4.9
GO-AOMK	TF	4.0	4.3	4.0	3.7	4.0	2.7	4.9
NONET	TF	3.3	4.0	4.0	3.3	3.7	2.7	4.9
DLFPS 321/3677	TF	3.3	4.0	3.7	4.0	4.0	2.7	4.9
TITANIUM 2LS	TF	3.7	4.3	4.0	3.7	4.0	3.0	4.9
SUPERSONIC	TF	3.7	4.0	3.7	3.3	4.3	2.7	4.8
LTP-SYN-A3	TF	4.7	4.7	4.3	4.0	3.7	3.0	4.8
BARROBUSTO	TF	3.3	4.0	3.7	3.7	3.7	2.7	4.8
THUNDERSTRUCK	TF	4.3	4.0	4.0	3.7	4.0	2.3	4.8
BAR FA 121095	TF	3.7	4.0	3.7	3.7	3.7	2.3	4.8
LSD VALUE		1.0	1.5	1.5	1.3	1.7	1.4	1.8
C.V. (%)		14.1	13.1	14.9	13.2	14.3	17.6	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 7C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN									
		5/25	6/12	6/20	6/27	7/3	7/10	7/18	7/26	8/2	8/8
CATALYST	TF	71.7	70.0	75.0	78.3	75.0	76.7	73.3	78.3	75.0	78.3
STETSON II	TF	75.0	73.3	73.3	75.0	70.0	75.0	66.7	73.3	73.3	75.0
PST-5SDS	TF	70.0	68.3	70.0	71.7	71.7	76.7	71.7	78.3	75.0	76.7
KINGDOM	TF	78.3	75.0	78.3	78.3	75.0	80.0	76.7	80.0	73.3	73.3
RS4	TF	75.0	73.3	76.7	76.7	75.0	78.3	78.3	80.0	78.3	76.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		70.0	68.3	71.7	73.3	70.0	73.3	73.3	71.7	73.3	76.7
DLFPS 321/3679	TF	73.3	76.7	78.3	76.7	73.3	81.7	76.7	80.0	75.0	73.3
PST-R511	TF	73.3	68.3	76.7	76.7	70.0	75.0	78.3	83.3	80.0	78.3
MRSL TF15	TF	76.7	75.0	80.0	85.0	76.7	83.3	76.7	81.7	78.3	71.7
THOR	TF	73.3	71.7	73.3	71.7	75.0	71.7	70.0	73.3	75.0	73.3
DLFPS 321/3678	TF	73.3	70.0	73.3	73.3	71.7	75.0	71.7	71.7	75.0	73.3
GO-AOMK	TF	78.3	75.0	75.0	76.7	76.7	80.0	73.3	75.0	75.0	76.7
NONET	TF	75.0	73.3	73.3	75.0	75.0	75.0	71.7	78.3	71.7	73.3
DLFPS 321/3677	TF	75.0	76.7	80.0	75.0	76.7	80.0	76.7	76.7	76.7	71.7
TITANIUM 2LS	TF	75.0	73.3	78.3	76.7	75.0	81.7	75.0	80.0	76.7	73.3
SUPERSONIC	TF	73.3	73.3	76.7	75.0	76.7	76.7	76.7	76.7	73.3	73.3
LTP-SYN-A3	TF	71.7	65.0	70.0	75.0	63.3	71.7	66.7	75.0	71.7	65.0
BARROBUSTO	TF	76.7	76.7	75.0	75.0	76.7	76.7	73.3	75.0	68.3	73.3
THUNDERSTRUCK	TF	75.0	73.3	73.3	73.3	73.3	75.0	71.7	73.3	68.3	71.7
BAR FA 121095	TF	78.3	71.7	73.3	71.7	73.3	78.3	71.7	73.3	71.7	75.0
LSD VALUE		38.8	31.3	22.9	26.1	45.0	31.4	36.8	22.5	34.1	23.2
C.V. (%)		12.8	11.6	8.8	9.6	15.3	11.0	13.1	8.9	11.9	9.0

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

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

TABLE 7C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT FORT COLLINS, CO 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN					PERCENT GREEN COVER DURING RECOVERY PERIOD					11/11
		8/13	8/27	9/4	9/10	9/18	9/24	10/2	10/8	10/15	10/22	
CATALYST	TF	80.0	95.3	91.0	94.3	97.3	98.0	92.0	79.3	82.3	86.0	70.0
STETSON II	TF	80.0	92.0	86.7	90.7	94.3	95.0	88.7	76.3	80.0	75.7	58.7
PST-5SDS	TF	81.7	93.3	87.0	91.7	93.7	91.7	88.3	78.3	81.3	75.3	58.7
KINGDOM	TF	78.3	94.3	81.7	89.7	90.3	92.0	86.0	76.7	76.7	80.7	70.3
RS4	TF	76.7	90.3	80.7	89.3	88.0	89.7	87.7	76.3	80.7	83.0	70.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		80.0	94.0	78.0	88.3	86.3	88.7	83.3	74.0	73.3	68.7	67.0
DLFPS 321/3679	TF	76.7	93.3	86.3	90.0	88.0	89.7	85.0	68.3	76.0	67.3	72.3
PST-R511	TF	81.7	96.3	88.3	94.7	94.7	94.0	91.7	82.0	81.0	82.3	74.3
MRSL TF15	TF	76.7	93.3	81.7	90.7	89.7	90.3	87.7	77.7	75.3	78.7	68.7
THOR	TF	78.3	93.3	82.3	89.7	89.3	91.7	84.0	69.3	82.3	75.7	65.3
DLFPS 321/3678	TF	80.0	91.3	81.7	88.7	88.0	90.7	88.0	71.7	79.0	74.7	68.3
GO-AOMK	TF	76.7	88.7	74.0	84.3	86.3	87.0	84.3	67.7	76.7	66.3	64.0
NONET	TF	80.0	89.0	73.3	86.3	85.3	86.7	80.7	64.0	75.3	69.7	62.3
DLFPS 321/3677	TF	73.3	94.3	83.3	86.3	87.3	89.7	84.0	66.3	73.3	69.7	67.3
TITANIUM 2LS	TF	76.7	92.7	79.7	88.3	87.3	89.3	87.3	69.7	76.3	69.0	64.0
SUPERSONIC	TF	73.3	93.7	79.0	90.3	90.3	88.0	84.0	69.7	75.7	68.7	64.0
LTP-SYN-A3	TF	70.0	93.7	84.0	91.0	92.0	88.7	87.0	75.3	75.7	71.7	70.3
BARROBUSTO	TF	73.3	90.3	68.7	83.3	82.7	86.0	79.7	63.0	66.0	64.3	62.3
THUNDERSTRUCK	TF	76.7	90.0	76.0	86.7	84.7	89.0	78.0	63.7	75.0	69.0	63.0
BAR FA 121095	TF	76.7	90.0	74.0	84.7	86.0	87.0	81.3	64.0	66.0	63.0	62.7
LSD VALUE		16.9	14.3	14.8	11.1	8.5	8.9	11.4	8.6	12.0	13.3	19.5
C.V. (%)		7.1	4.7	8.5	4.9	4.7	4.3	5.7	7.0	7.3	9.5	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 8A.

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT GRIFFIN, GA 1/
2019 DATA

NAME		TOTAL WATER APPLIED IN MM 2/						QUALITY RATINGS		MEAN
		PRE-DROUGHT QUALITY 5/29	6/8	QUALITY RATINGS DURING DRY DOWN			RECOVERY PERIOD			
				6/19	7/3	7/26	8/14	9/25	10/16	
SR 4650 (P.RYEGRASS STANDARD ENTRY)		.	.	.	.	.	.	.	.	.
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
MRSL 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
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 8A.
(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/
2019 DATA

NAME		TOTAL WATER APPLIED IN MM 2/								
		PRE-DROUGHT PERCENT COVER	6/8				PERCENT GREEN COVER DURING DRY DOWN			
		5/29	6/8	6/19	6/25	7/3	7/17	7/26	8/2	8/14
SR 4650 (P.RYEGRASS STANDARD ENTRY)		.	.	.	.	.	.	.	.	.
PST-K13-143	KB	93.0	86.7	80.0	76.7	73.3	70.0	59.7	46.3	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
LSD VALUE		13.7	21.5	21.4	33.0	37.2	46.8	64.2	66.1	51.7
C.V. (%)		6.0	7.1	9.3	14.0	16.5	23.2	32.7	44.8	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 8A.
(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/
2019 DATA

NAME		TOTAL WATER APPLIED IN MM 2/					TOTAL WATER APPLIED (mm)
		PERCENT GREEN COVER DURING 8/21	PERCENT GREEN COVER DURING 8/28	PERCENT GREEN COVER DURING 9/4	PERCENT GREEN COVER DURING 9/25	PERCENT GREEN COVER DURING 10/16	
SR 4650 (P.RYEGRASS STANDARD ENTRY)		.	.	.	.	.	.
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
MRSL 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
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 8B.

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/
2019 DATA

NAME		TOTAL WATER APPLIED IN MM 2/						QUALITY RATINGS RECOVERY PERIOD		MEAN
		PRE-DROUGHT QUALITY 5/29	6/8	QUALITY RATINGS DURING DRY DOWN			8/14	9/25	10/16	
				6/19	7/3	7/26				
SR 4650 (P.RYEGRASS STANDARD ENTRY)		.	.	.	.	.	.	.	.	.
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
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 8B.
(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/
2019 DATA

NAME		TOTAL WATER APPLIED IN MM 2/								
		PRE-DROUGHT PERCENT COVER		PERCENT GREEN COVER DURING DRY DOWN						
		5/29	6/8	6/19	6/25	7/3	7/17	7/26	8/2	8/14
SR 4650 (P.RYEGRASS STANDARD ENTRY)		.	.	.	.	.	.	.	.	.
PST-K13-143	KB	93.0	86.7	80.0	76.7	73.3	70.0	59.7	46.3	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
LSD VALUE		14.1	21.1	24.3	34.4	37.4	49.3	48.0	43.6	26.8
C.V. (%)		5.7	8.2	10.2	15.6	17.3	24.2	34.4	45.9	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 8B.
(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/
2019 DATA

NAME		TOTAL WATER APPLIED IN MM 2/					TOTAL WATER APPLIED (mm)
		PERCENT GREEN COVER DURING 8/21	COVER DURING 8/28	DRY DOWN 9/4	PERCENT GREEN COVER DURING RECOVERY PERIOD 9/25	10/16	
SR 4650 (P.RYEGRASS STANDARD ENTRY)		.	.	.	.	.	.
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
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 8C.

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/
2019 DATA

NAME		TOTAL WATER APPLIED IN MM 2/					QUALITY RATINGS		MEAN	
		PRE-DROUGHT QUALITY 5/29	6/8	QUALITY RATINGS DURING DRY DOWN			RECOVERY PERIOD			
				6/19	7/3	7/26	8/14	9/25	10/16	
SR 4650 (P.RYEGRASS STANDARD ENTRY)		.	.	.	.	.	.	.	.	.
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
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 8C.
(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/
2019 DATA

NAME		TOTAL WATER APPLIED IN MM 2/								
		PRE-DROUGHT PERCENT COVER 5/29	6/8	6/19	6/25	PERCENT GREEN COVER DURING DRY DOWN			8/2	8/14
						7/3	7/17	7/26		
SR 4650 (P.RYEGRASS STANDARD ENTRY)		.	.	.	.	.	.	.	.	.
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
MRSL 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
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 8C.
(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/
2019 DATA

NAME		TOTAL WATER APPLIED IN MM 2/			PERCENT GREEN COVER		TOTAL WATER APPLIED (mm)
		PERCENT GREEN COVER DURING DRY DOWN	DURING RECOVERY PERIOD				
		8/21	8/28	9/4	9/25	10/16	
SR 4650 (P.RYEGRASS STANDARD ENTRY)		.	.	.	.	.	.
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
MRSL 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
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 9A.

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/
2019 DATA

NAME		GENETIC COLOR	TOTAL WATER APPLIED IN MM 2/								RECOVERY PERIOD		
			5/8	5/20	6/10	6/19	7/12	7/26	8/5	8/16	9/6	9/23	MEAN
SUPERSONIC	TF	7.0	7.0	7.3	7.0	7.0	6.0	5.7	6.0	6.0	5.3	5.0	6.2
RS4	TF	7.0	6.7	7.3	7.0	6.7	6.0	5.3	5.3	5.0	5.3	5.7	6.0
NONET	TF	7.0	7.0	7.0	7.3	7.0	6.3	5.3	5.3	6.0	5.0	4.7	6.1
DLFPS 321/3677	TF	7.3	7.0	8.0	7.3	6.7	6.0	6.0	5.3	5.7	5.3	5.3	6.3
LTP-SYN-A3	TF	6.7	7.0	7.3	7.0	7.0	6.0	5.7	6.0	5.7	5.0	5.7	6.2
CATALYST	TF	6.3	6.3	7.0	7.0	6.3	5.3	5.3	5.3	6.0	5.7	4.3	5.9
PST-5SDS	TF	7.3	6.7	7.0	7.3	6.7	6.3	5.3	5.3	5.7	5.3	5.7	6.1
DLFPS 321/3678	TF	8.0	7.0	7.0	7.3	6.7	6.7	6.0	6.3	5.7	5.0	5.7	6.3
BARROBUSTO	TF	7.0	6.3	7.0	7.0	6.3	6.3	5.3	5.7	5.3	5.0	5.3	6.0
DLFPS 321/3679	TF	8.0	7.3	8.0	7.7	7.3	7.7	5.3	6.0	5.3	5.0	4.7	6.4
PST-R511	TF	7.0	6.3	7.3	7.0	6.0	5.7	5.0	5.3	5.3	4.7	4.7	5.7
TITANIUM 2LS	TF	7.3	7.0	7.0	7.7	7.0	6.3	5.7	5.0	5.3	4.7	4.7	6.0
BAR FA 121095	TF	7.0	7.0	7.3	7.3	6.0	6.0	5.3	5.3	6.0	4.7	5.0	6.0
THUNDERSTRUCK	TF	8.0	8.0	8.0	7.7	7.0	7.3	6.0	5.0	5.3	5.0	5.7	6.5
MRSL TF15	TF	7.3	6.7	7.0	7.3	6.7	6.0	5.3	5.3	6.0	5.7	5.3	6.1
GO-AOMK	TF	8.0	7.0	8.0	7.7	6.7	6.3	5.3	5.7	5.7	5.0	4.7	6.2
THOR	TF	7.3	7.0	8.0	7.7	7.0	7.0	6.0	6.0	6.0	5.3	5.7	6.6
KINGDOM	TF	7.7	7.7	8.0	7.7	7.0	6.0	5.7	5.3	5.3	5.0	5.3	6.3
STETSON II	TF	7.3	6.7	7.3	7.3	6.7	6.0	5.7	5.3	5.3	5.7	5.0	6.1
BAR PP 110358	KB	5.0	6.0	6.3	5.7	6.3	3.3	3.0	4.3	4.0	3.7	3.7	4.6
BLUE NOTE	KB	5.3	6.7	6.7	7.0	5.7	3.3	4.0	4.7	4.3	4.3	3.3	5.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		7.0	6.7	7.0	5.0	5.0	5.0	5.0	5.0	4.7	5.0	5.3	5.4
BABE	KB	5.7	6.7	6.0	6.7	6.3	4.3	3.3	4.3	4.0	3.7	3.3	4.9
PST-K13-143	KB	5.7	6.3	6.0	5.7	5.7	4.0	4.7	5.3	4.7	4.3	3.7	5.0
DAUNTLESS	KB	5.3	6.3	6.3	7.0	6.3	4.0	4.7	4.0	3.3	3.7	4.0	5.0
PST-K13-137	KB	7.0	6.3	7.0	6.0	6.0	4.7	3.3	4.3	3.7	3.3	4.3	4.9
BLUE DEVIL	KB	7.3	6.0	6.7	6.7	6.7	3.7	3.3	3.3	3.0	3.0	3.7	4.6
PST-K11-118	KB	5.0	5.7	6.3	6.0	5.3	3.7	2.7	2.7	2.7	2.3	3.0	4.0
EVEREST	KB	8.0	6.0	7.7	7.0	6.7	3.7	3.0	3.7	3.0	3.3	4.0	4.8
MIDNIGHT	KB	7.3	6.0	7.3	7.0	6.7	4.0	4.0	5.0	4.0	3.7	4.7	5.2
BARRARI	KB	5.0	5.3	6.3	6.0	5.0	3.0	2.3	2.3	2.0	2.3	3.0	3.8
PST-K13-141	KB	6.7	5.7	6.0	5.7	5.0	3.3	3.3	3.0	2.7	3.3	3.7	4.2
NAI-13-132	KB	8.0	6.3	7.3	6.7	6.7	4.0	3.3	4.0	2.7	3.0	3.7	4.8
NAI-13-14	KB	8.0	6.0	7.0	6.3	6.3	4.0	2.7	3.3	3.3	2.3	3.3	4.5
PST-K15-169	KB	7.0	5.0	6.7	6.3	5.7	3.7	3.3	3.0	2.7	2.7	3.3	4.2
LSD VALUE		0.6	1.2	0.7	0.7	1.0	1.4	1.0	1.1	1.1	1.0	1.4	0.5
C.V. (%)		6.1	9.8	6.4	6.5	8.8	17.1	14.2	15.0	16.1	15.5	17.8	6.3

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

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

TABLE 9A.
(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/
2019 DATA

NAME		TOTAL WATER APPLIED IN MM 2/										
		PRE-DROUGHT PERCENT COVER					PERCENT GREEN COVER DURING DRY DOWN					
		6/17	6/24	6/28	7/2	7/5	7/8	7/12	7/16	7/19	7/23	7/26
SUPERSONIC	TF	88.3	88.7	88.7	88.0	85.7	85.0	76.3	56.3	63.0	57.0	60.7
RS4	TF	91.0	90.0	90.0	90.0	87.3	86.3	77.0	60.3	61.7	53.3	55.7
NONET	TF	90.0	89.3	88.3	87.3	86.3	85.7	76.0	58.3	53.3	56.7	60.7
DLFPS 321/3677	TF	90.0	90.0	89.7	88.7	81.3	81.7	71.7	57.7	55.0	56.0	58.0
LTP-SYN-A3	TF	91.3	90.7	90.7	90.0	88.3	87.0	79.0	59.3	57.7	54.3	61.7
CATALYST	TF	90.7	90.7	90.3	89.3	87.7	86.7	76.7	49.3	54.0	48.3	51.3
PST-5SDS	TF	92.3	92.3	91.7	90.3	90.3	89.3	83.3	59.0	62.7	52.7	57.7
DLFPS 321/3678	TF	90.7	90.7	90.7	89.3	89.0	88.0	83.3	63.0	62.3	52.0	58.3
BARROBUSTO	TF	91.0	90.7	89.7	88.7	87.7	86.7	77.3	54.0	56.7	54.0	61.3
DLFPS 321/3679	TF	91.0	91.3	90.3	90.0	89.7	89.3	86.3	65.3	65.7	52.3	56.0
PST-R511	TF	90.0	90.0	90.0	88.7	88.0	85.7	76.3	47.3	52.0	49.0	52.0
TITANIUM 2LS	TF	92.7	92.0	91.0	90.0	90.0	87.7	80.7	50.3	50.3	49.0	53.0
BAR FA 121095	TF	92.0	90.0	89.3	87.7	84.7	84.3	74.3	56.7	54.0	55.7	57.3
THUNDERSTRUCK	TF	89.3	89.3	88.3	87.7	86.7	85.7	81.3	62.3	58.7	53.3	56.0
MRSL TF15	TF	89.3	89.0	88.3	86.0	81.3	81.3	72.7	54.3	55.7	55.3	58.0
GO-AOMK	TF	89.7	88.7	87.7	85.7	83.3	82.3	70.7	45.3	56.0	52.0	55.3
THOR	TF	92.3	91.3	90.3	90.0	88.3	87.7	80.3	58.7	58.3	55.7	55.0
KINGDOM	TF	89.7	89.7	88.0	88.3	86.7	86.0	78.7	55.0	55.0	51.3	54.7
STETSON II	TF	90.7	90.0	89.0	87.0	83.7	83.7	72.7	52.7	53.7	51.0	55.3
BAR PP 110358	KB	87.7	89.3	86.7	79.0	58.0	67.3	48.7	37.7	46.7	43.0	47.7
BLUE NOTE	KB	84.7	85.7	83.0	74.3	49.3	59.7	46.7	40.3	45.3	43.0	43.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		73.0	72.3	69.3	61.3	53.0	57.7	51.3	40.3	42.7	38.0	39.7
BABE	KB	84.7	87.3	81.0	69.3	55.3	61.7	54.0	48.3	50.3	48.7	49.3
PST-K13-143	KB	86.7	87.7	85.3	70.0	49.3	62.7	50.3	45.7	49.0	46.0	47.3
DAUNTLESS	KB	85.3	85.7	83.3	67.3	50.3	61.0	51.7	46.7	48.0	44.7	46.7
PST-K13-137	KB	85.7	85.3	79.3	64.3	51.3	59.3	51.3	46.3	46.0	44.0	45.3
BLUE DEVIL	KB	88.3	86.7	83.3	73.3	53.7	58.7	49.7	46.0	46.3	43.0	43.0
PST-K11-118	KB	86.3	86.0	80.3	60.0	41.3	52.3	43.3	38.7	38.3	35.0	35.3
EVEREST	KB	85.7	88.0	81.0	65.0	45.7	55.3	45.7	41.0	46.7	38.0	41.3
MIDNIGHT	KB	89.0	88.7	85.7	70.7	50.7	60.7	49.7	45.0	48.3	47.3	48.3
BARRARI	KB	79.3	77.0	69.7	57.7	41.7	47.7	39.0	32.7	31.0	27.7	29.3
PST-K13-141	KB	85.3	83.0	76.7	60.0	46.7	52.0	47.7	42.7	43.7	40.3	38.3
NAI-13-132	KB	86.7	84.7	82.0	61.7	50.3	55.7	51.0	45.7	47.0	43.3	41.0
NAI-13-14	KB	86.3	82.0	76.0	60.0	45.0	51.7	47.3	41.3	41.7	38.0	39.7
PST-K15-169	KB	82.0	82.0	78.3	56.0	45.3	53.7	45.7	41.3	42.3	38.3	39.0
LSD VALUE		6.0	5.8	7.1	11.4	7.6	7.7	12.4	15.7	9.1	10.2	7.5
C.V. (%)		4.0	4.0	5.2	9.5	7.5	7.2	12.7	17.3	11.1	12.8	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 9A.
 (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/
 2019 DATA

		TOTAL WATER APPLIED IN MM 2/									
		PERCENT GREEN COVER DURING DRY DOWN									
NAME		7/30	8/2	8/6	8/9	8/13	8/16	8/19	8/23	8/26	8/30
SUPERSONIC	TF	57.7	56.0	60.0	55.3	58.3	61.7	61.0	60.0	63.0	52.7
RS4	TF	62.0	54.0	57.7	51.0	59.3	59.3	58.7	62.0	61.7	52.0
NONET	TF	57.3	51.0	54.7	52.3	54.7	58.0	56.3	57.3	63.3	64.3
DLFPS 321/3677	TF	57.3	53.0	57.7	55.0	59.7	60.3	53.3	58.0	60.3	58.3
LTP-SYN-A3	TF	58.7	54.3	57.3	56.0	59.0	64.0	56.0	60.7	63.7	44.3
CATALYST	TF	56.3	51.0	55.0	53.0	58.3	61.3	57.3	60.0	62.3	59.0
PST-5SDS	TF	54.7	52.3	56.3	53.0	56.7	58.7	57.7	58.3	62.3	52.3
DLFPS 321/3678	TF	58.0	53.3	57.3	53.0	57.7	61.7	60.0	59.3	58.0	54.3
BARROBUSTO	TF	57.0	52.7	58.3	54.7	59.3	60.0	54.3	57.7	59.7	52.3
DLFPS 321/3679	TF	57.7	51.7	53.7	52.0	56.0	55.3	57.7	60.7	62.0	53.7
PST-R511	TF	55.0	51.3	56.3	54.0	59.0	62.0	52.0	58.0	63.0	52.7
TITANIUM 2LS	TF	55.3	51.3	56.7	51.7	57.0	59.7	54.3	59.7	65.7	59.3
BAR FA 121095	TF	59.7	53.3	54.0	54.0	56.3	58.0	57.3	63.0	62.7	57.3
THUNDERSTRUCK	TF	59.3	46.3	50.0	47.7	52.7	56.3	56.3	60.0	63.0	59.3
MRSL TF15	TF	60.3	54.7	55.7	53.7	56.7	57.0	57.3	61.3	62.3	62.0
GO-AOMK	TF	57.3	51.3	56.7	52.7	57.0	56.3	55.7	59.0	62.3	60.3
THOR	TF	60.7	53.7	56.0	52.7	56.3	58.0	57.3	61.3	61.0	58.7
KINGDOM	TF	58.0	51.0	51.7	50.7	52.7	55.0	56.0	59.7	60.3	47.0
STETSON II	TF	57.3	52.7	53.0	50.3	53.7	55.7	54.0	56.0	58.3	54.7
BAR PP 110358	KB	44.7	44.0	48.0	47.0	48.0	47.7	48.7	51.0	54.0	55.3
BLUE NOTE	KB	47.3	42.7	46.7	44.7	48.0	50.7	46.0	50.0	55.0	56.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		38.0	36.3	36.0	35.3	37.3	39.3	45.7	47.7	56.0	54.7
BABE	KB	50.3	43.0	47.3	42.0	45.3	48.3	43.7	49.0	51.3	50.0
PST-K13-143	KB	49.7	47.0	46.3	46.0	46.7	47.7	46.7	47.7	53.3	52.3
DAUNTLESS	KB	47.3	43.3	41.7	41.3	40.0	42.0	40.3	41.0	45.0	43.7
PST-K13-137	KB	46.0	42.7	39.7	37.0	37.0	37.7	37.3	38.7	45.0	44.0
BLUE DEVIL	KB	44.3	40.7	40.3	35.7	36.7	38.3	34.3	34.3	41.0	40.7
PST-K11-118	KB	37.3	34.3	33.7	32.7	31.7	34.3	28.3	32.3	35.7	35.3
EVEREST	KB	41.3	33.3	36.0	32.7	34.3	34.0	31.3	33.7	40.0	39.0
MIDNIGHT	KB	47.0	43.3	43.7	42.7	42.7	43.3	40.3	39.7	44.7	42.7
BARRARI	KB	29.0	25.3	24.7	22.3	23.0	24.0	20.7	24.7	29.3	29.7
PST-K13-141	KB	40.0	37.3	34.3	33.3	32.0	32.7	28.7	30.7	35.7	35.7
NAI-13-132	KB	41.7	40.3	38.0	34.0	35.7	34.0	32.3	32.7	36.0	34.3
NAI-13-14	KB	37.0	34.0	34.7	31.0	32.0	32.3	29.0	30.3	34.3	33.3
PST-K15-169	KB	40.3	35.0	34.0	33.0	32.7	34.3	31.0	31.7	36.7	34.3
LSD VALUE		8.5	7.8	8.3	8.1	8.1	8.6	9.0	8.9	9.8	10.8
C.V. (%)		10.8	10.9	11.3	11.6	11.2	11.5	12.5	11.9	12.0	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 9A.
(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/
2019 DATA

NAME		TOTAL WATER APPLIED IN MM 2/								TOTAL WATER APPLIED (mm)
		9/2	9/6	PERCENT GREEN COVER DURING DRY DOWN			9/20	9/23	RECOVERY 9/27	
				9/9	9/13	9/16				
SUPERSONIC	TF	54.7	62.3	61.3	62.7	63.7	60.3	52.7	61.7	148.3
RS4	TF	54.3	61.0	64.7	61.3	58.3	59.0	57.3	71.3	156.7
NONET	TF	52.7	56.7	58.7	55.0	55.3	56.7	53.0	59.0	178.0
DLFPS 321/3677	TF	54.0	60.7	59.7	61.3	53.7	54.7	55.3	60.7	182.0
LTP-SYN-A3	TF	48.7	56.3	57.7	60.7	57.0	60.0	52.0	67.7	182.3
CATALYST	TF	56.7	63.0	60.7	50.3	50.7	55.7	55.0	58.0	186.0
PST-5SDS	TF	55.0	62.3	57.7	55.3	57.7	60.3	58.7	66.0	186.3
DLFPS 321/3678	TF	50.7	58.3	60.7	61.7	59.7	55.7	56.7	64.7	186.7
BARROBUSTO	TF	53.3	61.0	59.0	60.0	55.3	58.3	52.0	60.0	190.7
DLFPS 321/3679	TF	54.0	60.3	65.0	54.3	56.7	59.0	52.0	62.3	190.7
PST-R511	TF	53.7	60.7	61.3	58.7	53.7	59.7	52.3	60.3	195.0
TITANIUM 2LS	TF	56.0	60.0	60.3	57.3	55.3	58.7	55.3	61.0	195.0
BAR FA 121095	TF	53.3	57.3	59.0	54.3	55.3	58.3	56.0	59.7	203.3
THUNDERSTRUCK	TF	55.0	59.0	62.3	59.3	56.0	55.3	54.3	55.7	203.3
MRSL TF15	TF	55.3	62.7	61.0	50.7	58.3	59.3	54.0	57.0	207.7
GO-AOMK	TF	56.3	60.3	56.0	51.0	51.3	59.0	55.0	59.0	211.7
THOR	TF	53.0	58.3	62.0	61.0	53.7	55.0	51.3	56.7	211.7
KINGDOM	TF	51.7	55.3	59.7	51.7	56.0	59.3	52.0	55.3	216.0
STETSON II	TF	53.3	59.3	62.0	55.0	56.3	56.7	54.3	60.7	232.7
BAR PP 110358	KB	58.3	54.3	63.7	56.7	54.3	56.0	54.0	61.0	249.7
BLUE NOTE	KB	58.7	61.0	65.0	55.7	56.7	55.0	54.0	60.0	266.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		56.3	58.0	63.7	57.0	52.7	54.0	57.7	69.7	266.7
BABE	KB	49.7	58.3	59.7	57.0	58.3	57.0	60.7	64.3	271.0
PST-K13-143	KB	51.3	55.0	56.7	51.7	55.3	55.7	52.0	58.7	275.3
DAUNTLESS	KB	48.0	50.7	55.0	49.7	52.7	55.7	52.0	59.0	288.0
PST-K13-137	KB	48.7	53.0	57.0	49.3	52.0	56.7	56.7	59.3	288.0
BLUE DEVIL	KB	44.3	49.7	53.3	51.7	54.7	55.0	51.0	59.3	292.0
PST-K11-118	KB	42.0	45.7	51.3	52.7	56.7	59.7	58.3	70.0	292.3
EVEREST	KB	44.3	48.7	52.0	52.0	56.0	56.3	50.7	63.0	296.3
MIDNIGHT	KB	48.0	49.3	53.3	52.0	53.0	53.0	53.0	59.3	296.3
BARRARI	KB	34.0	40.7	48.7	48.3	52.3	57.3	56.0	60.3	300.7
PST-K13-141	KB	42.7	46.7	48.3	46.7	52.0	56.0	57.3	67.7	305.0
NAI-13-132	KB	38.0	43.7	45.3	46.0	48.7	52.3	50.0	58.7	313.7
NAI-13-14	KB	38.0	41.0	44.3	45.3	46.3	50.7	49.3	55.0	313.7
PST-K15-169	KB	40.0	41.7	44.0	43.3	46.7	50.7	51.3	56.3	318.0
LSD VALUE		12.5	8.7	14.5	17.1	16.6	18.9	15.5	19.9	26.5
C.V. (%)		13.3	9.7	12.2	13.0	10.1	8.8	8.6	10.9	7.6

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

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

TABLE 9B.

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/
2019 DATA

NAME	GENETIC COLOR	TOTAL WATER APPLIED IN MM 2/								RECOVERY PERIOD QUALITY			
		5/8	PRE-DROUGHT QUALITY			QUALITY RATINGS DURING DRY DOWN				9/6	9/23	MEAN	
			5/20	6/10	6/19	7/12	7/26	8/5	8/16				
BAR PP 110358	KB	5.0	6.0	6.3	5.7	6.3	3.3	3.0	4.3	4.0	3.7	3.7	4.6
BLUE NOTE	KB	5.3	6.7	6.7	7.0	5.7	3.3	4.0	4.7	4.3	4.3	3.3	5.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		7.0	6.7	7.0	5.0	5.0	5.0	5.0	5.0	4.7	5.0	5.3	5.4
BABE	KB	5.7	6.7	6.0	6.7	6.3	4.3	3.3	4.3	4.0	3.7	3.3	4.9
PST-K13-143	KB	5.7	6.3	6.0	5.7	5.7	4.0	4.7	5.3	4.7	4.3	3.7	5.0
DAUNTLESS	KB	5.3	6.3	6.3	7.0	6.3	4.0	4.7	4.0	3.3	3.7	4.0	5.0
PST-K13-137	KB	7.0	6.3	7.0	6.0	6.0	4.7	3.3	4.3	3.7	3.3	4.3	4.9
BLUE DEVIL	KB	7.3	6.0	6.7	6.7	6.7	3.7	3.3	3.3	3.0	3.0	3.7	4.6
PST-K11-118	KB	5.0	5.7	6.3	6.0	5.3	3.7	2.7	2.7	2.7	2.3	3.0	4.0
EVEREST	KB	8.0	6.0	7.7	7.0	6.7	3.7	3.0	3.7	3.0	3.3	4.0	4.8
MIDNIGHT	KB	7.3	6.0	7.3	7.0	6.7	4.0	4.0	5.0	4.0	3.7	4.7	5.2
BARRARI	KB	5.0	5.3	6.3	6.0	5.0	3.0	2.3	2.3	2.0	2.3	3.0	3.8
PST-K13-141	KB	6.7	5.7	6.0	5.7	5.0	3.3	3.3	3.0	2.7	3.3	3.7	4.2
NAI-13-132	KB	8.0	6.3	7.3	6.7	6.7	4.0	3.3	4.0	2.7	3.0	3.7	4.8
NAI-13-14	KB	8.0	6.0	7.0	6.3	6.3	4.0	2.7	3.3	3.3	2.3	3.3	4.5
PST-K15-169	KB	7.0	5.0	6.7	6.3	5.7	3.7	3.3	3.0	2.7	2.7	3.3	4.2
LSD VALUE		0.6	2.5	1.2	0.6	1.3	1.5	1.6	1.5	2.0	1.4	2.3	0.9
C.V. (%)		6.1	14.2	8.6	6.0	11.2	17.1	23.2	20.8	27.7	22.3	24.4	10.0

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

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

TABLE 9B.
(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/
2019 DATA

NAME		TOTAL WATER APPLIED IN MM 2/					PERCENT GREEN COVER DURING DRY DOWN					
		PRE-DROUGHT PERCENT COVER	6/24	6/28	7/2	7/5	7/8	7/12	7/16	7/19	7/23	7/26
BAR PP 110358	KB	87.7	89.3	86.7	79.0	58.0	67.3	48.7	37.7	46.7	43.0	47.7
BLUE NOTE	KB	84.7	85.7	83.0	74.3	49.3	59.7	46.7	40.3	45.3	43.0	43.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		73.0	72.3	69.3	61.3	53.0	57.7	51.3	40.3	42.7	38.0	39.7
BABE	KB	84.7	87.3	81.0	69.3	55.3	61.7	54.0	48.3	50.3	48.7	49.3
PST-K13-143	KB	86.7	87.7	85.3	70.0	49.3	62.7	50.3	45.7	49.0	46.0	47.3
DAUNTLESS	KB	85.3	85.7	83.3	67.3	50.3	61.0	51.7	46.7	48.0	44.7	46.7
PST-K13-137	KB	85.7	85.3	79.3	64.3	51.3	59.3	51.3	46.3	46.0	44.0	45.3
BLUE DEVIL	KB	88.3	86.7	83.3	73.3	53.7	58.7	49.7	46.0	46.3	43.0	43.0
PST-K11-118	KB	86.3	86.0	80.3	60.0	41.3	52.3	43.3	38.7	38.3	35.0	35.3
EVEREST	KB	85.7	88.0	81.0	65.0	45.7	55.3	45.7	41.0	46.7	38.0	41.3
MIDNIGHT	KB	89.0	88.7	85.7	70.7	50.7	60.7	49.7	45.0	48.3	47.3	48.3
BARRARI	KB	79.3	77.0	69.7	57.7	41.7	47.7	39.0	32.7	31.0	27.7	29.3
PST-K13-141	KB	85.3	83.0	76.7	60.0	46.7	52.0	47.7	42.7	43.7	40.3	38.3
NAI-13-132	KB	86.7	84.7	82.0	61.7	50.3	55.7	51.0	45.7	47.0	43.3	41.0
NAI-13-14	KB	86.3	82.0	76.0	60.0	45.0	51.7	47.3	41.3	41.7	38.0	39.7
PST-K15-169	KB	82.0	82.0	78.3	56.0	45.3	53.7	45.7	41.3	42.3	38.3	39.0
LSD VALUE		9.9	10.3	14.5	28.9	10.9	11.8	14.6	18.2	11.2	18.0	12.2
C.V. (%)		5.5	6.0	8.1	16.3	10.8	10.0	11.7	15.7	12.1	17.9	14.2

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

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

TABLE 9B.
(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/
2019 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		PERCENT GREEN COVER DURING DRY DOWN									
		7/30	8/2	8/6	8/9	8/13	8/16	8/19	8/23	8/26	8/30
BAR PP 110358	KB	44.7	44.0	48.0	47.0	48.0	47.7	48.7	51.0	54.0	55.3
BLUE NOTE	KB	47.3	42.7	46.7	44.7	48.0	50.7	46.0	50.0	55.0	56.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		38.0	36.3	36.0	35.3	37.3	39.3	45.7	47.7	56.0	54.7
BABE	KB	50.3	43.0	47.3	42.0	45.3	48.3	43.7	49.0	51.3	50.0
PST-K13-143	KB	49.7	47.0	46.3	46.0	46.7	47.7	46.7	47.7	53.3	52.3
DAUNTLESS	KB	47.3	43.3	41.7	41.3	40.0	42.0	40.3	41.0	45.0	43.7
PST-K13-137	KB	46.0	42.7	39.7	37.0	37.0	37.7	37.3	38.7	45.0	44.0
BLUE DEVIL	KB	44.3	40.7	40.3	35.7	36.7	38.3	34.3	34.3	41.0	40.7
PST-K11-118	KB	37.3	34.3	33.7	32.7	31.7	34.3	28.3	32.3	35.7	35.3
EVEREST	KB	41.3	33.3	36.0	32.7	34.3	34.0	31.3	33.7	40.0	39.0
MIDNIGHT	KB	47.0	43.3	43.7	42.7	42.7	43.3	40.3	39.7	44.7	42.7
BARRARI	KB	29.0	25.3	24.7	22.3	23.0	24.0	20.7	24.7	29.3	29.7
PST-K13-141	KB	40.0	37.3	34.3	33.3	32.0	32.7	28.7	30.7	35.7	35.7
NAI-13-132	KB	41.7	40.3	38.0	34.0	35.7	34.0	32.3	32.7	36.0	34.3
NAI-13-14	KB	37.0	34.0	34.7	31.0	32.0	32.3	29.0	30.3	34.3	33.3
PST-K15-169	KB	40.3	35.0	34.0	33.0	32.7	34.3	31.0	31.7	36.7	34.3
LSD VALUE		16.6	14.1	13.8	14.6	13.7	15.7	14.0	13.5	16.5	14.2
C.V. (%)		17.1	17.0	17.8	19.6	19.0	20.4	21.0	19.7	20.0	18.6

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

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

TABLE 9B.
(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/
2019 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		PERCENT GREEN COVER DURING DRY DOWN							RECOVERY 9/27	TOTAL WATER APPLIED (mm)
		9/2	9/6	9/9	9/13	9/16	9/20	9/23		
BAR PP 110358	KB	58.3	54.3	63.7	56.7	54.3	56.0	54.0	61.0	249.7
BLUE NOTE	KB	58.7	61.0	65.0	55.7	56.7	55.0	54.0	60.0	266.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		56.3	58.0	63.7	57.0	52.7	54.0	57.7	69.7	266.7
BABE	KB	49.7	58.3	59.7	57.0	58.3	57.0	60.7	64.3	271.0
PST-K13-143	KB	51.3	55.0	56.7	51.7	55.3	55.7	52.0	58.7	275.3
DAUNTLESS	KB	48.0	50.7	55.0	49.7	52.7	55.7	52.0	59.0	288.0
PST-K13-137	KB	48.7	53.0	57.0	49.3	52.0	56.7	56.7	59.3	288.0
BLUE DEVIL	KB	44.3	49.7	53.3	51.7	54.7	55.0	51.0	59.3	292.0
PST-K11-118	KB	42.0	45.7	51.3	52.7	56.7	59.7	58.3	70.0	292.3
EVEREST	KB	44.3	48.7	52.0	52.0	56.0	56.3	50.7	63.0	296.3
MIDNIGHT	KB	48.0	49.3	53.3	52.0	53.0	53.0	53.0	59.3	296.3
BARRARI	KB	34.0	40.7	48.7	48.3	52.3	57.3	56.0	60.3	300.7
PST-K13-141	KB	42.7	46.7	48.3	46.7	52.0	56.0	57.3	67.7	305.0
NAI-13-132	KB	38.0	43.7	45.3	46.0	48.7	52.3	50.0	58.7	313.7
NAI-13-14	KB	38.0	41.0	44.3	45.3	46.3	50.7	49.3	55.0	313.7
PST-K15-169	KB	40.0	41.7	44.0	43.3	46.7	50.7	51.3	56.3	318.0
LSD VALUE		17.0	13.5	16.3	21.1	18.0	18.3	11.4	24.1	31.1
C.V. (%)		17.9	13.7	14.6	14.6	11.7	10.1	8.7	13.3	6.0

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 9C.

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/
2019 DATA

NAME		GENETIC COLOR	TOTAL WATER APPLIED IN MM 2/								RECOVERY PERIOD		
			5/8	5/20	6/10	6/19	7/12	7/26	8/5	8/16	9/6	9/23	MEAN
SUPERSONIC	TF	7.0	7.0	7.3	7.0	7.0	6.0	5.7	6.0	6.0	5.3	5.0	6.2
RS4	TF	7.0	6.7	7.3	7.0	6.7	6.0	5.3	5.3	5.0	5.3	5.7	6.0
NONET	TF	7.0	7.0	7.0	7.3	7.0	6.3	5.3	5.3	6.0	5.0	4.7	6.1
DLFPS 321/3677	TF	7.3	7.0	8.0	7.3	6.7	6.0	6.0	5.3	5.7	5.3	5.3	6.3
LTP-SYN-A3	TF	6.7	7.0	7.3	7.0	7.0	6.0	5.7	6.0	5.7	5.0	5.7	6.2
CATALYST	TF	6.3	6.3	7.0	7.0	6.3	5.3	5.3	5.3	6.0	5.7	4.3	5.9
PST-5SDS	TF	7.3	6.7	7.0	7.3	6.7	6.3	5.3	5.3	5.7	5.3	5.7	6.1
DLFPS 321/3678	TF	8.0	7.0	7.0	7.3	6.7	6.7	6.0	6.3	5.7	5.0	5.7	6.3
BARROBUSTO	TF	7.0	6.3	7.0	7.0	6.3	6.3	5.3	5.7	5.3	5.0	5.3	6.0
DLFPS 321/3679	TF	8.0	7.3	8.0	7.7	7.3	7.7	5.3	6.0	5.3	5.0	4.7	6.4
PST-R511	TF	7.0	6.3	7.3	7.0	6.0	5.7	5.0	5.3	5.3	4.7	4.7	5.7
TITANIUM 2LS	TF	7.3	7.0	7.0	7.7	7.0	6.3	5.7	5.0	5.3	4.7	4.7	6.0
BAR FA 121095	TF	7.0	7.0	7.3	7.3	6.0	6.0	5.3	5.3	6.0	4.7	5.0	6.0
THUNDERSTRUCK	TF	8.0	8.0	8.0	7.7	7.0	7.3	6.0	5.0	5.3	5.0	5.7	6.5
MRSL TF15	TF	7.3	6.7	7.0	7.3	6.7	6.0	5.3	5.3	6.0	5.7	5.3	6.1
GO-AOMK	TF	8.0	7.0	8.0	7.7	6.7	6.3	5.3	5.7	5.7	5.0	4.7	6.2
THOR	TF	7.3	7.0	8.0	7.7	7.0	7.0	6.0	6.0	6.0	5.3	5.7	6.6
KINGDOM	TF	7.7	7.7	8.0	7.7	7.0	6.0	5.7	5.3	5.3	5.0	5.3	6.3
STETSON II	TF	7.3	6.7	7.3	7.3	6.7	6.0	5.7	5.3	5.3	5.7	5.0	6.1
SR 4650 (P.RYEGRASS STANDARD ENTRY)		7.0	6.7	7.0	5.0	5.0	5.0	5.0	5.0	4.7	5.0	5.3	5.4
LSD VALUE		0.8	0.7	0.5	0.8	0.7	1.6	1.2	1.7	1.3	2.0	1.9	0.3
C.V. (%)		6.1	5.8	4.2	6.4	6.3	12.1	8.6	11.2	9.5	11.9	13.4	3.3

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.
(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/
2019 DATA

NAME		TOTAL WATER APPLIED IN MM 2/										
		PRE-DROUGHT PERCENT COVER				PERCENT GREEN COVER DURING DRY DOWN						
		6/17	6/24	6/28	7/2	7/5	7/8	7/12	7/16	7/19	7/23	7/26
SUPERSONIC	TF	88.3	88.7	88.7	88.0	85.7	85.0	76.3	56.3	63.0	57.0	60.7
RS4	TF	91.0	90.0	90.0	90.0	87.3	86.3	77.0	60.3	61.7	53.3	55.7
NONET	TF	90.0	89.3	88.3	87.3	86.3	85.7	76.0	58.3	53.3	56.7	60.7
DLFPS 321/3677	TF	90.0	90.0	89.7	88.7	81.3	81.7	71.7	57.7	55.0	56.0	58.0
LTP-SYN-A3	TF	91.3	90.7	90.7	90.0	88.3	87.0	79.0	59.3	57.7	54.3	61.7
CATALYST	TF	90.7	90.7	90.3	89.3	87.7	86.7	76.7	49.3	54.0	48.3	51.3
PST-5SDS	TF	92.3	92.3	91.7	90.3	90.3	89.3	83.3	59.0	62.7	52.7	57.7
DLFPS 321/3678	TF	90.7	90.7	90.7	89.3	89.0	88.0	83.3	63.0	62.3	52.0	58.3
BARROBUSTO	TF	91.0	90.7	89.7	88.7	87.7	86.7	77.3	54.0	56.7	54.0	61.3
DLFPS 321/3679	TF	91.0	91.3	90.3	90.0	89.7	89.3	86.3	65.3	65.7	52.3	56.0
PST-R511	TF	90.0	90.0	90.0	88.7	88.0	85.7	76.3	47.3	52.0	49.0	52.0
TITANIUM 2LS	TF	92.7	92.0	91.0	90.0	90.0	87.7	80.7	50.3	50.3	49.0	53.0
BAR FA 121095	TF	92.0	90.0	89.3	87.7	84.7	84.3	74.3	56.7	54.0	55.7	57.3
THUNDERSTRUCK	TF	89.3	89.3	88.3	87.7	86.7	85.7	81.3	62.3	58.7	53.3	56.0
MRS L TF15	TF	89.3	89.0	88.3	86.0	81.3	81.3	72.7	54.3	55.7	55.3	58.0
GO-AOMK	TF	89.7	88.7	87.7	85.7	83.3	82.3	70.7	45.3	56.0	52.0	55.3
THOR	TF	92.3	91.3	90.3	90.0	88.3	87.7	80.3	58.7	58.3	55.7	55.0
KINGDOM	TF	89.7	89.7	88.0	88.3	86.7	86.0	78.7	55.0	55.0	51.3	54.7
STETSON II	TF	90.7	90.0	89.0	87.0	83.7	83.7	72.7	52.7	53.7	51.0	55.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		73.0	72.3	69.3	61.3	53.0	57.7	51.3	40.3	42.7	38.0	39.7
LSD VALUE		5.7	5.0	2.1	3.1	7.3	5.9	14.8	18.8	11.8	9.3	6.4
C.V. (%)		3.7	3.4	1.6	2.3	5.5	4.5	10.0	14.8	10.4	8.9	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 9C.
(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/
2019 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		PERCENT GREEN COVER DURING DRY DOWN									
		7/30	8/2	8/6	8/9	8/13	8/16	8/19	8/23	8/26	8/30
SUPERSONIC	TF	57.7	56.0	60.0	55.3	58.3	61.7	61.0	60.0	63.0	52.7
RS4	TF	62.0	54.0	57.7	51.0	59.3	59.3	58.7	62.0	61.7	52.0
NONET	TF	57.3	51.0	54.7	52.3	54.7	58.0	56.3	57.3	63.3	64.3
DLFPS 321/3677	TF	57.3	53.0	57.7	55.0	59.7	60.3	53.3	58.0	60.3	58.3
LTP-SYN-A3	TF	58.7	54.3	57.3	56.0	59.0	64.0	56.0	60.7	63.7	44.3
CATALYST	TF	56.3	51.0	55.0	53.0	58.3	61.3	57.3	60.0	62.3	59.0
PST-5SDS	TF	54.7	52.3	56.3	53.0	56.7	58.7	57.7	58.3	62.3	52.3
DLFPS 321/3678	TF	58.0	53.3	57.3	53.0	57.7	61.7	60.0	59.3	58.0	54.3
BARROBUSTO	TF	57.0	52.7	58.3	54.7	59.3	60.0	54.3	57.7	59.7	52.3
DLFPS 321/3679	TF	57.7	51.7	53.7	52.0	56.0	55.3	57.7	60.7	62.0	53.7
PST-R511	TF	55.0	51.3	56.3	54.0	59.0	62.0	52.0	58.0	63.0	52.7
TITANIUM 2LS	TF	55.3	51.3	56.7	51.7	57.0	59.7	54.3	59.7	65.7	59.3
BAR FA 121095	TF	59.7	53.3	54.0	54.0	56.3	58.0	57.3	63.0	62.7	57.3
THUNDERSTRUCK	TF	59.3	46.3	50.0	47.7	52.7	56.3	56.3	60.0	63.0	59.3
MRSL TF15	TF	60.3	54.7	55.7	53.7	56.7	57.0	57.3	61.3	62.3	62.0
GO-AOMK	TF	57.3	51.3	56.7	52.7	57.0	56.3	55.7	59.0	62.3	60.3
THOR	TF	60.7	53.7	56.0	52.7	56.3	58.0	57.3	61.3	61.0	58.7
KINGDOM	TF	58.0	51.0	51.7	50.7	52.7	55.0	56.0	59.7	60.3	47.0
STETSON II	TF	57.3	52.7	53.0	50.3	53.7	55.7	54.0	56.0	58.3	54.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		38.0	36.3	36.0	35.3	37.3	39.3	45.7	47.7	56.0	54.7
LSD VALUE		5.9	5.4	6.3	4.3	4.7	5.0	11.9	11.9	18.8	13.5
C.V. (%)		6.3	6.3	7.0	5.3	5.3	5.4	8.4	7.9	8.5	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 9C.
(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/
2019 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		PERCENT GREEN COVER DURING DRY DOWN						RECOVERY 9/27	TOTAL WATER APPLIED (mm)	
		9/2	9/6	9/9	9/13	9/16	9/20			9/23
SUPERSONIC	TF	54.7	62.3	61.3	62.7	63.7	60.3	52.7	61.7	148.3
RS4	TF	54.3	61.0	64.7	61.3	58.3	59.0	57.3	71.3	156.7
NONET	TF	52.7	56.7	58.7	55.0	55.3	56.7	53.0	59.0	178.0
DLFPS 321/3677	TF	54.0	60.7	59.7	61.3	53.7	54.7	55.3	60.7	182.0
LTP-SYN-A3	TF	48.7	56.3	57.7	60.7	57.0	60.0	52.0	67.7	182.3
CATALYST	TF	56.7	63.0	60.7	50.3	50.7	55.7	55.0	58.0	186.0
PST-5SDS	TF	55.0	62.3	57.7	55.3	57.7	60.3	58.7	66.0	186.3
DLFPS 321/3678	TF	50.7	58.3	60.7	61.7	59.7	55.7	56.7	64.7	186.7
BARROBUSTO	TF	53.3	61.0	59.0	60.0	55.3	58.3	52.0	60.0	190.7
DLFPS 321/3679	TF	54.0	60.3	65.0	54.3	56.7	59.0	52.0	62.3	190.7
PST-R511	TF	53.7	60.7	61.3	58.7	53.7	59.7	52.3	60.3	195.0
TITANIUM 2LS	TF	56.0	60.0	60.3	57.3	55.3	58.7	55.3	61.0	195.0
BAR FA 121095	TF	53.3	57.3	59.0	54.3	55.3	58.3	56.0	59.7	203.3
THUNDERSTRUCK	TF	55.0	59.0	62.3	59.3	56.0	55.3	54.3	55.7	203.3
MRSI TF15	TF	55.3	62.7	61.0	50.7	58.3	59.3	54.0	57.0	207.7
GO-AOMK	TF	56.3	60.3	56.0	51.0	51.3	59.0	55.0	59.0	211.7
THOR	TF	53.0	58.3	62.0	61.0	53.7	55.0	51.3	56.7	211.7
KINGDOM	TF	51.7	55.3	59.7	51.7	56.0	59.3	52.0	55.3	216.0
STETSON II	TF	53.3	59.3	62.0	55.0	56.3	56.7	54.3	60.7	232.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		56.3	58.0	63.7	57.0	52.7	54.0	57.7	69.7	266.7
LSD VALUE		19.1	11.3	25.9	20.3	13.9	14.0	13.9	11.4	31.2
C.V. (%)		9.5	6.4	11.1	12.1	8.7	7.3	7.9	8.7	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 10A. 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/
 2019 DATA

NAME		TOTAL WATER APPLIED IN MM 2/						MEAN
		PRE-DROUGHT		QUALITY RATINGS DURING DRY DOWN				
		QUALITY MAY 30	JUNE 24	JULY 22	AUG 15	SEPT 26		
LTP--SYN-A3	TF	6.0	7.0	6.0	6.0	6.0	6.2	
RS4	TF	6.7	7.3	6.3	6.0	5.7	6.4	
DLFPS 321/3678	TF	7.0	7.3	6.0	6.0	6.0	6.5	
BARROBUSTO	TF	6.7	7.0	6.0	6.0	5.7	6.3	
DLFPS 321/3677	TF	6.3	7.0	5.7	6.0	5.7	6.1	
NONET	TF	6.3	7.0	5.7	6.0	5.7	6.1	
DLFPS 321/3679	TF	6.7	6.7	5.3	6.3	5.7	6.1	
THUNDERSTRUCK	TF	6.7	7.0	6.3	6.7	5.3	6.4	
CATALYST	TF	6.3	7.0	6.0	6.0	5.7	6.2	
PST-5SDS	TF	6.7	7.3	6.3	6.3	4.7	6.3	
PST-R511	TF	6.3	6.3	6.3	6.0	5.7	6.1	
SUPERSONIC	TF	6.3	7.0	6.3	5.7	5.7	6.2	
THOR	TF	6.7	6.7	5.7	6.3	5.0	6.1	
KINGDOM	TF	6.3	6.7	5.7	5.7	5.7	6.0	
STETSON II	TF	6.3	7.0	6.3	6.0	6.0	6.3	
BAR FA 121095	TF	6.0	6.7	5.3	6.0	5.7	5.9	
BAR PP 110358	KB	5.0	5.3	4.7	4.7	4.7	4.9	
MRSL TF15	TF	6.3	6.7	5.7	6.0	5.7	6.1	
TITANIUM 2LS	TF	7.0	7.0	6.0	5.7	5.7	6.3	
BABE	KB	5.3	5.7	6.0	6.0	5.3	5.7	
PST-K13-141	KB	5.3	5.7	6.0	6.0	5.3	5.7	
GO-AOMK	TF	6.7	6.7	5.7	6.0	5.3	6.1	
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.0	3.7	3.7	4.3	4.7	4.1	
BLUE DEVIL	KB	5.3	5.3	4.7	5.0	4.3	4.9	
PST-K11-118	KB	6.3	6.0	5.7	5.7	4.7	5.7	
EVEREST	KB	5.3	5.0	5.0	5.0	3.7	4.8	
PST-K13-143	KB	5.0	5.3	5.3	5.0	4.7	5.1	
BLUE NOTE	KB	5.7	5.7	5.3	5.0	4.0	5.1	
NAI-13-14	KB	5.3	5.3	5.3	5.3	4.7	5.2	
BARRARI	KB	5.3	5.3	5.3	5.0	3.7	4.9	
DAUNTLESS	KB	5.7	6.0	5.7	5.7	4.7	5.5	
MIDNIGHT	KB	4.7	4.7	5.0	4.7	4.3	4.7	
NAI-13-132	KB	5.3	6.0	5.0	5.0	4.3	5.1	
PST-K13-137	KB	5.3	5.7	5.7	5.3	5.0	5.4	
PST-K15-169	KB	4.7	5.0	5.3	5.3	4.7	5.0	
LSD VALUE		1.0	0.7	1.5	1.1	1.1	0.5	
C.V. (%)		10.1	7.6	12.6	10.3	12.5	6.3	

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

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

TABLE 10A.
(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/
2019 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		PERCENT GREEN COVER DURING DRY DOWN								
		MAY 31	JUNE 3	JUNE 6	JUNE 11	JUNE 13	JUNE 17	JUNE 20	JUNE 24	JUNE 27
LTP-SYN-A3	TF	98.0	98.0	97.3	97.7	95.7	95.3	96.3	95.0	94.0
RS4	TF	98.3	98.3	97.7	98.0	96.3	96.3	97.3	96.3	95.7
DLFPS 321/3678	TF	98.3	98.7	97.3	97.7	95.7	95.7	96.3	95.3	94.3
BARROBUSTO	TF	98.0	98.3	97.7	98.0	95.7	96.7	96.3	95.3	94.7
DLFPS 321/3677	TF	98.0	98.3	97.7	98.0	95.7	95.7	96.7	95.3	94.3
NONET	TF	96.3	97.3	95.3	96.3	94.3	94.7	95.7	93.7	93.7
DLFPS 321/3679	TF	97.7	98.3	97.3	97.3	95.7	95.3	95.7	94.7	93.3
THUNDERSTRUCK	TF	97.3	97.3	96.3	97.0	94.7	95.3	95.7	94.0	93.0
CATALYST	TF	97.7	98.0	97.3	98.0	96.0	96.3	96.7	95.3	94.3
PST-5SDS	TF	97.7	98.3	97.3	98.3	96.0	96.3	96.7	95.7	95.3
PST-R511	TF	97.3	98.3	97.0	98.0	95.7	95.7	96.3	95.3	94.7
SUPERSONIC	TF	98.0	98.7	98.0	98.0	96.3	96.7	96.7	95.3	94.3
THOR	TF	97.3	98.0	97.0	97.7	95.3	95.7	96.0	95.3	94.3
KINGDOM	TF	97.0	98.0	96.7	97.0	94.7	95.0	95.3	94.3	93.7
STETSON II	TF	97.3	97.7	96.0	96.3	94.0	94.7	94.3	93.3	92.3
BAR FA 121095	TF	98.0	98.3	97.3	98.0	96.3	95.7	96.3	94.7	94.3
BAR PP 110358	KB	97.0	97.7	96.7	97.0	94.3	93.7	94.3	92.7	90.3
MRSL TF15	TF	97.0	97.3	95.3	96.7	94.0	93.3	94.7	93.0	92.0
TITANIUM 2LS	TF	98.3	98.7	98.0	98.3	96.3	97.0	97.0	96.3	96.0
BABE	KB	95.7	97.0	95.3	96.3	93.3	92.0	93.7	91.7	89.7
PST-K13-141	KB	95.3	97.0	95.3	96.0	92.0	90.7	93.0	91.7	89.7
GO-AOMK	TF	97.3	97.7	96.3	97.0	94.3	95.3	95.0	93.3	91.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		94.7	94.7	91.0	90.7	85.7	82.3	84.7	73.3	73.7
BLUE DEVIL	KB	95.7	96.7	93.7	94.0	91.0	87.3	92.0	88.7	88.3
PST-K11-118	KB	97.0	98.3	97.0	97.7	95.7	95.3	95.7	94.0	91.3
EVEREST	KB	95.7	96.3	93.3	92.7	90.0	87.7	91.0	88.7	87.7
PST-K13-143	KB	95.3	96.7	95.0	95.3	91.7	89.7	92.0	90.0	88.3
BLUE NOTE	KB	97.7	98.7	98.0	98.0	95.3	94.3	95.3	94.0	92.0
NAI-13-14	KB	95.7	96.7	94.7	94.0	90.3	88.3	91.3	89.0	88.3
BARRARI	KB	96.7	97.3	96.3	96.0	93.3	93.7	93.3	92.3	91.0
DAUNTLESS	KB	96.7	97.7	96.3	97.3	94.7	92.0	94.3	93.0	90.7
MIDNIGHT	KB	94.7	95.7	94.0	94.0	89.7	85.7	89.0	86.0	86.0
NAI-13-132	KB	96.7	97.7	95.0	95.0	91.7	91.3	93.0	91.0	89.7
PST-K13-137	KB	95.3	96.3	93.7	93.7	90.7	87.7	90.0	87.0	85.7
PST-K15-169	KB	94.3	95.3	91.3	93.7	89.0	85.0	88.7	85.7	84.7
LSD VALUE		1.5	1.1	2.1	2.0	2.2	3.4	2.5	3.3	3.2
C.V. (%)		1.0	0.7	1.4	1.3	1.5	2.4	1.7	2.4	2.4

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 THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT COLLEGE PARK, MD 1/
2019 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		PERCENT GREEN COVER DURING DRY DOWN								
		JULY 2	JULY 4	JULY 8	JULY 11	JULY 15	JULY 18	JULY 22	JULY 25	JULY 29
LTP-SYN-A3	TF	50.7	31.3	70.0	73.0	68.0	48.3	44.0	50.7	58.3
RS4	TF	46.7	24.7	67.7	69.0	69.3	51.0	50.0	53.3	62.0
DLFPS 321/3678	TF	46.0	30.3	69.3	71.7	68.3	55.7	47.0	45.0	47.3
BARROBUSTO	TF	52.7	31.0	71.0	70.7	69.0	46.7	47.7	52.7	57.7
DLFPS 321/3677	TF	51.3	28.0	71.0	71.7	70.3	51.0	49.7	55.3	60.0
NONET	TF	54.7	34.7	72.7	71.3	67.3	42.3	45.3	48.3	56.0
DLFPS 321/3679	TF	51.7	27.3	67.7	67.7	66.7	51.0	49.3	51.7	56.7
THUNDERSTRUCK	TF	54.0	36.0	72.0	72.3	67.0	51.3	50.7	55.3	61.3
CATALYST	TF	46.7	25.0	68.0	69.7	65.7	47.3	45.3	49.3	59.3
PST-5SDS	TF	47.3	30.0	68.7	68.3	69.3	54.7	55.3	50.0	52.0
PST-R511	TF	51.7	27.0	71.0	71.7	68.0	45.7	48.7	50.3	57.3
SUPERSONIC	TF	43.3	20.3	62.3	61.0	66.7	59.7	50.7	54.0	59.3
THOR	TF	46.3	25.3	65.7	66.0	64.0	49.0	50.0	51.7	56.3
KINGDOM	TF	52.0	33.3	68.7	71.0	64.7	55.0	58.0	57.0	60.7
STETSON II	TF	51.7	34.3	68.7	67.7	66.3	54.3	53.0	51.7	60.0
BAR FA 121095	TF	46.3	25.0	66.7	68.0	65.3	47.7	47.7	48.7	52.7
BAR PP 110358	KB	34.0	19.3	54.0	52.0	54.7	49.3	49.0	44.7	46.3
MRSL TF15	TF	47.7	24.0	66.0	66.3	64.3	51.3	54.3	52.7	58.7
TITANIUM 2LS	TF	51.0	29.0	68.7	69.3	64.7	56.0	52.3	56.3	59.0
BABE	KB	31.3	16.0	57.7	53.7	60.7	59.3	60.0	52.7	55.7
PST-K13-141	KB	36.7	16.3	59.0	53.7	59.3	50.3	53.3	50.7	56.7
GO-AOMK	TF	40.7	18.0	60.0	60.7	62.0	56.7	52.3	52.3	57.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		24.0	6.3	40.3	36.7	44.7	38.7	34.0	36.0	45.0
BLUE DEVIL	KB	41.3	26.3	58.0	56.7	60.0	54.0	53.0	48.3	52.3
PST-K11-118	KB	35.7	19.0	53.0	54.3	55.7	56.7	55.7	53.7	56.7
EVEREST	KB	36.7	22.7	59.3	54.0	60.7	55.3	57.3	50.3	56.0
PST-K13-143	KB	30.0	12.7	54.7	49.7	56.7	51.7	51.3	46.3	50.3
BLUE NOTE	KB	27.0	9.7	51.3	51.7	57.3	59.0	58.0	54.7	55.7
NAI-13-14	KB	31.3	19.7	56.3	50.3	59.3	55.0	50.7	46.3	52.3
BARRARI	KB	25.7	10.0	49.0	41.7	49.3	48.7	45.0	41.7	41.0
DAUNTLESS	KB	30.0	14.3	53.7	53.7	59.3	59.0	57.3	52.7	55.7
MIDNIGHT	KB	27.3	14.3	48.7	43.3	51.7	49.0	49.7	44.3	49.7
NAI-13-132	KB	32.7	17.3	50.7	43.3	52.0	50.7	49.3	45.7	48.3
PST-K13-137	KB	37.7	20.0	53.0	44.7	50.7	47.0	48.3	43.7	48.0
PST-K15-169	KB	32.7	18.3	51.3	43.0	50.0	45.3	40.0	36.0	41.3
LSD VALUE		12.7	13.4	12.0	12.3	8.5	19.0	24.2	10.4	11.7
C.V. (%)		18.7	33.0	11.8	13.1	8.6	13.9	16.3	11.1	11.3

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

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

TABLE 10A.
(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/
2019 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		PERCENT GREEN COVER DURING DRY DOWN								
		AUG 1	AUG 5	AUG 8	AUG 12	AUG 15	AUG 19	AUG 22	AUG 26	AUG 29
LTP-SYN-A3	TF	53.3	65.7	60.7	65.7	52.7	51.7	58.3	55.0	52.3
RS4	TF	57.7	67.0	55.7	59.0	47.3	49.3	55.3	50.3	53.7
DLFPS 321/3678	TF	47.7	63.3	53.3	59.7	55.3	58.0	58.7	53.7	57.0
BARROBUSTO	TF	58.7	66.0	55.0	59.7	54.3	57.7	59.3	54.3	58.0
DLFPS 321/3677	TF	57.0	66.7	53.7	61.0	55.7	58.7	60.3	55.0	59.3
NONET	TF	48.7	64.0	57.3	61.3	53.7	56.3	58.7	55.0	58.3
DLFPS 321/3679	TF	51.3	63.3	54.0	60.0	53.7	56.7	61.0	54.3	60.0
THUNDERSTRUCK	TF	61.7	71.0	55.3	56.0	55.0	57.7	58.0	53.0	51.0
CATALYST	TF	58.3	67.0	56.0	57.7	51.7	55.0	57.7	53.3	51.7
PST-5SDS	TF	43.0	59.7	48.7	54.0	49.3	52.3	56.3	53.3	52.7
PST-R511	TF	53.0	65.7	57.0	61.3	45.7	51.0	54.0	49.3	47.0
SUPERSONIC	TF	59.0	67.3	56.3	55.3	54.0	58.0	60.0	58.3	57.3
THOR	TF	54.7	63.7	57.7	64.0	58.7	56.3	57.3	52.7	50.3
KINGDOM	TF	53.0	61.7	56.0	61.7	55.7	56.7	55.3	51.7	52.0
STETSON II	TF	50.3	63.3	53.0	60.7	55.7	55.7	59.0	53.7	49.0
BAR FA 121095	TF	51.0	63.0	56.7	62.3	50.7	52.3	55.7	48.3	55.7
BAR PP 110358	KB	37.3	48.0	40.7	46.3	42.0	44.7	46.3	44.0	47.7
MRS� TF15	TF	57.0	65.0	54.7	62.3	52.3	57.0	55.3	51.3	49.0
TITANIUM 2LS	TF	56.7	64.7	56.7	61.0	54.0	57.0	55.7	54.0	54.0
BABE	KB	48.7	56.7	51.0	52.3	45.0	45.7	48.7	43.0	46.7
PST-K13-141	KB	52.3	62.7	53.0	59.0	51.0	52.3	54.3	49.0	55.0
GO-AOMK	TF	53.7	63.3	53.3	61.3	47.7	49.7	52.7	49.7	51.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		42.3	56.0	45.0	58.3	45.0	51.3	50.7	42.7	50.7
BLUE DEVIL	KB	46.3	54.7	46.3	52.0	42.3	47.0	50.3	45.0	47.3
PST-K11-118	KB	49.3	57.3	48.7	54.7	43.0	49.7	46.7	41.0	41.3
EVEREST	KB	46.0	59.7	49.0	54.0	37.7	40.3	42.3	34.7	33.3
PST-K13-143	KB	42.0	53.3	42.7	51.0	41.3	47.3	48.0	43.0	46.3
BLUE NOTE	KB	44.0	54.0	45.3	47.3	35.3	36.7	38.0	27.7	31.7
NAI-13-14	KB	41.3	54.7	44.7	48.3	34.3	38.0	39.7	33.3	37.0
BARRARI	KB	33.7	42.0	34.0	38.0	26.0	32.7	33.7	29.3	34.3
DAUNTLESS	KB	48.0	57.0	49.3	51.0	41.7	42.3	44.0	41.0	43.3
MIDNIGHT	KB	41.0	49.7	38.3	42.3	30.7	35.7	35.7	28.7	33.7
NAI-13-132	KB	38.3	52.0	42.3	46.3	36.3	39.3	38.3	33.0	35.3
PST-K13-137	KB	43.0	54.3	42.0	49.7	37.3	45.0	43.3	36.7	39.3
PST-K15-169	KB	33.3	44.3	33.7	38.7	29.0	35.0	35.0	29.3	31.0
LSD VALUE		17.0	12.0	10.4	11.2	9.3	10.4	9.4	10.9	14.5
C.V. (%)		17.5	11.4	12.3	11.8	12.8	12.8	11.6	14.8	17.3

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

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

TABLE 10A.
(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/
2019 DATA

NAME		TOTAL WATER APPLIED IN MM 2/									TOTAL WATER APPLIED (mm)
		SEPT 3	SEPT 5	PERCENT GREEN COVER DURING DRY DOWN			SEPT 20	SEPT 23	SEPT 26	SEPT 30	
				SEPT 9	SEPT 12	SEPT 17					
LTP-SYN-A3	TF	50.3	65.7	55.0	61.7	40.0	47.0	40.0	50.0	59.3	270.7
RS4	TF	53.0	68.0	57.0	64.0	44.7	46.3	38.3	40.3	55.3	275.0
DLFPS 321/3678	TF	48.3	59.7	51.3	63.0	46.3	48.7	40.3	39.0	54.3	279.3
BARROBUSTO	TF	49.3	62.7	53.3	61.3	44.3	48.7	40.3	46.0	57.7	283.7
DLFPS 321/3677	TF	49.0	62.7	52.3	56.3	45.0	49.3	44.3	51.7	62.7	283.7
NONET	TF	48.0	60.3	54.0	58.3	44.0	49.7	42.7	45.7	56.0	283.7
DLFPS 321/3679	TF	51.7	61.0	44.3	56.0	41.0	44.0	39.3	48.0	57.7	288.0
THUNDERSTRUCK	TF	43.0	55.7	44.7	51.7	37.3	43.0	36.7	36.0	52.0	288.0
CATALYST	TF	43.7	57.7	55.0	65.3	44.0	47.7	38.3	39.7	52.3	292.0
PST-5SDS	TF	48.7	59.3	50.7	58.7	42.3	45.0	35.3	36.7	54.0	292.0
PST-R511	TF	36.3	47.3	47.0	55.0	45.3	41.7	38.0	38.3	51.7	296.3
SUPERSONIC	TF	46.3	60.0	50.3	55.3	40.3	49.7	41.0	46.3	59.7	296.7
THOR	TF	45.0	56.7	47.3	51.7	38.3	44.7	38.0	41.0	53.0	305.0
KINGDOM	TF	45.3	56.3	52.3	61.3	45.3	45.7	39.3	42.3	52.0	309.0
STETSON II	TF	42.7	49.7	50.7	56.0	42.0	46.0	39.3	49.3	56.3	309.0
BAR FA 121095	TF	46.3	56.3	48.7	61.0	50.3	52.3	45.3	43.3	57.7	313.3
BAR PP 110358	KB	39.3	49.3	45.7	52.7	49.3	47.3	46.0	45.3	51.0	313.3
MRS� TF15	TF	43.7	51.0	41.7	52.3	36.0	40.3	33.7	36.7	49.0	313.3
TITANIUM 2LS	TF	44.3	56.3	48.0	53.0	33.0	33.7	27.7	40.0	52.7	313.3
BABE	KB	37.0	50.0	47.7	59.7	50.0	51.3	48.7	45.0	53.3	317.3
PST-K13-141	KB	40.7	55.3	47.0	62.7	50.7	49.7	43.7	44.7	55.3	317.3
GO-AOMK	TF	45.3	53.7	50.7	56.0	37.7	41.3	32.7	36.3	47.3	321.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		42.0	47.7	47.0	49.0	43.3	40.7	40.0	39.0	45.0	326.0
BLUE DEVIL	KB	42.3	47.7	42.7	46.0	43.3	42.0	40.7	40.3	45.0	330.3
PST-K11-118	KB	30.7	37.7	35.0	43.3	33.7	33.3	29.7	26.3	33.7	334.3
EVEREST	KB	28.3	33.7	29.3	35.3	30.3	28.3	28.3	28.3	31.3	334.7
PST-K13-143	KB	32.0	41.7	35.7	42.0	34.0	34.0	30.3	26.3	38.3	334.7
BLUE NOTE	KB	21.7	29.0	25.0	34.0	22.7	22.0	21.0	20.0	23.7	338.7
NAI-13-14	KB	33.0	39.3	36.7	39.7	38.7	38.3	37.0	35.7	38.0	338.7
BARRARI	KB	24.7	33.3	31.7	39.3	34.0	33.7	32.3	30.0	33.7	343.0
DAUNTLESS	KB	33.0	44.3	39.7	49.7	45.0	45.3	42.3	37.7	44.0	343.0
MIDNIGHT	KB	28.7	33.3	27.7	34.7	33.0	31.7	27.3	28.3	33.0	343.0
NAI-13-132	KB	31.7	35.3	30.7	36.0	33.0	32.3	29.3	27.7	34.0	343.0
PST-K13-137	KB	32.0	42.0	37.0	43.0	34.3	34.7	31.0	31.3	40.0	343.0
PST-K15-169	KB	23.3	28.7	26.7	31.0	28.0	27.3	26.3	23.3	28.0	343.0
LSD VALUE		13.5	15.7	15.8	21.2	25.0	22.1	28.6	19.3	15.5	40.0
C.V. (%)		19.6	18.8	20.2	21.4	23.9	23.8	27.0	24.8	19.2	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 10B. 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/
 2019 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		PRE-DROUGHT		QUALITY RATINGS DURING DRY DOWN			MEAN
		QUALITY MAY 30	JUNE 24	JULY 22	AUG 15	SEPT 26	
BAR PP 110358	KB	5.0	5.3	4.7	4.7	4.7	4.9
BABE	KB	5.3	5.7	6.0	6.0	5.3	5.7
PST-K13-141	KB	5.3	5.7	6.0	6.0	5.3	5.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.0	3.7	3.7	4.3	4.7	4.1
BLUE DEVIL	KB	5.3	5.3	4.7	5.0	4.3	4.9
PST-K11-118	KB	6.3	6.0	5.7	5.7	4.7	5.7
EVEREST	KB	5.3	5.0	5.0	5.0	3.7	4.8
PST-K13-143	KB	5.0	5.3	5.3	5.0	4.7	5.1
BLUE NOTE	KB	5.7	5.7	5.3	5.0	4.0	5.1
NAI-13-14	KB	5.3	5.3	5.3	5.3	4.7	5.2
BARRARI	KB	5.3	5.3	5.3	5.0	3.7	4.9
DAUNTLESS	KB	5.7	6.0	5.7	5.7	4.7	5.5
MIDNIGHT	KB	4.7	4.7	5.0	4.7	4.3	4.7
NAI-13-132	KB	5.3	6.0	5.0	5.0	4.3	5.1
PST-K13-137	KB	5.3	5.7	5.7	5.3	5.0	5.4
PST-K15-169	KB	4.7	5.0	5.3	5.3	4.7	5.0
LSD VALUE		1.1	0.9	1.5	1.8	1.9	0.8
C.V. (%)		10.4	9.4	13.4	13.4	16.1	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 10B.
(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/
2019 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		PERCENT GREEN COVER DURING DRY DOWN								
		MAY 31	JUNE 3	JUNE 6	JUNE 11	JUNE 13	JUNE 17	JUNE 20	JUNE 24	JUNE 27
BAR PP 110358	KB	97.0	97.7	96.7	97.0	94.3	93.7	94.3	92.7	90.3
BABE	KB	95.7	97.0	95.3	96.3	93.3	92.0	93.7	91.7	89.7
PST-K13-141	KB	95.3	97.0	95.3	96.0	92.0	90.7	93.0	91.7	89.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		94.7	94.7	91.0	90.7	85.7	82.3	84.7	73.3	73.7
BLUE DEVIL	KB	95.7	96.7	93.7	94.0	91.0	87.3	92.0	88.7	88.3
PST-K11-118	KB	97.0	98.3	97.0	97.7	95.7	95.3	95.7	94.0	91.3
EVEREST	KB	95.7	96.3	93.3	92.7	90.0	87.7	91.0	88.7	87.7
PST-K13-143	KB	95.3	96.7	95.0	95.3	91.7	89.7	92.0	90.0	88.3
BLUE NOTE	KB	97.7	98.7	98.0	98.0	95.3	94.3	95.3	94.0	92.0
NAI-13-14	KB	95.7	96.7	94.7	94.0	90.3	88.3	91.3	89.0	88.3
BARRARI	KB	96.7	97.3	96.3	96.0	93.3	93.7	93.3	92.3	91.0
DAUNTLESS	KB	96.7	97.7	96.3	97.3	94.7	92.0	94.3	93.0	90.7
MIDNIGHT	KB	94.7	95.7	94.0	94.0	89.7	85.7	89.0	86.0	86.0
NAI-13-132	KB	96.7	97.7	95.0	95.0	91.7	91.3	93.0	91.0	89.7
PST-K13-137	KB	95.3	96.3	93.7	93.7	90.7	87.7	90.0	87.0	85.7
PST-K15-169	KB	94.3	95.3	91.3	93.7	89.0	85.0	88.7	85.7	84.7
LSD VALUE		2.8	1.6	2.9	3.2	3.2	5.3	3.8	4.9	4.6
C.V. (%)		1.3	1.0	1.7	1.9	2.1	3.4	2.4	3.4	3.2

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 10B.
(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/
2019 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		PERCENT GREEN COVER DURING DRY DOWN								
		JULY 2	JULY 4	JULY 8	JULY 11	JULY 15	JULY 18	JULY 22	JULY 25	JULY 29
BAR PP 110358	KB	34.0	19.3	54.0	52.0	54.7	49.3	49.0	44.7	46.3
BABE	KB	31.3	16.0	57.7	53.7	60.7	59.3	60.0	52.7	55.7
PST-K13-141	KB	36.7	16.3	59.0	53.7	59.3	50.3	53.3	50.7	56.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		24.0	6.3	40.3	36.7	44.7	38.7	34.0	36.0	45.0
BLUE DEVIL	KB	41.3	26.3	58.0	56.7	60.0	54.0	53.0	48.3	52.3
PST-K11-118	KB	35.7	19.0	53.0	54.3	55.7	56.7	55.7	53.7	56.7
EVEREST	KB	36.7	22.7	59.3	54.0	60.7	55.3	57.3	50.3	56.0
PST-K13-143	KB	30.0	12.7	54.7	49.7	56.7	51.7	51.3	46.3	50.3
BLUE NOTE	KB	27.0	9.7	51.3	51.7	57.3	59.0	58.0	54.7	55.7
NAI-13-14	KB	31.3	19.7	56.3	50.3	59.3	55.0	50.7	46.3	52.3
BARRARI	KB	25.7	10.0	49.0	41.7	49.3	48.7	45.0	41.7	41.0
DAUNTLESS	KB	30.0	14.3	53.7	53.7	59.3	59.0	57.3	52.7	55.7
MIDNIGHT	KB	27.3	14.3	48.7	43.3	51.7	49.0	49.7	44.3	49.7
NAI-13-132	KB	32.7	17.3	50.7	43.3	52.0	50.7	49.3	45.7	48.3
PST-K13-137	KB	37.7	20.0	53.0	44.7	50.7	47.0	48.3	43.7	48.0
PST-K15-169	KB	32.7	18.3	51.3	43.0	50.0	45.3	40.0	36.0	41.3
LSD VALUE		22.2	21.2	24.4	26.4	15.7	10.8	12.4	10.6	12.3
C.V. (%)		24.9	48.8	16.0	19.8	12.0	10.9	13.1	12.1	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 10B.
(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/
2019 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		PERCENT GREEN COVER DURING DRY DOWN								
		AUG 1	AUG 5	AUG 8	AUG 12	AUG 15	AUG 19	AUG 22	AUG 26	AUG 29
BAR PP 110358	KB	37.3	48.0	40.7	46.3	42.0	44.7	46.3	44.0	47.7
BABE	KB	48.7	56.7	51.0	52.3	45.0	45.7	48.7	43.0	46.7
PST-K13-141	KB	52.3	62.7	53.0	59.0	51.0	52.3	54.3	49.0	55.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		42.3	56.0	45.0	58.3	45.0	51.3	50.7	42.7	50.7
BLUE DEVIL	KB	46.3	54.7	46.3	52.0	42.3	47.0	50.3	45.0	47.3
PST-K11-118	KB	49.3	57.3	48.7	54.7	43.0	49.7	46.7	41.0	41.3
EVEREST	KB	46.0	59.7	49.0	54.0	37.7	40.3	42.3	34.7	33.3
PST-K13-143	KB	42.0	53.3	42.7	51.0	41.3	47.3	48.0	43.0	46.3
BLUE NOTE	KB	44.0	54.0	45.3	47.3	35.3	36.7	38.0	27.7	31.7
NAI-13-14	KB	41.3	54.7	44.7	48.3	34.3	38.0	39.7	33.3	37.0
BARRARI	KB	33.7	42.0	34.0	38.0	26.0	32.7	33.7	29.3	34.3
DAUNTLESS	KB	48.0	57.0	49.3	51.0	41.7	42.3	44.0	41.0	43.3
MIDNIGHT	KB	41.0	49.7	38.3	42.3	30.7	35.7	35.7	28.7	33.7
NAI-13-132	KB	38.3	52.0	42.3	46.3	36.3	39.3	38.3	33.0	35.3
PST-K13-137	KB	43.0	54.3	42.0	49.7	37.3	45.0	43.3	36.7	39.3
PST-K15-169	KB	33.3	44.3	33.7	38.7	29.0	35.0	35.0	29.3	31.0
LSD VALUE		16.3	16.3	17.3	18.8	13.3	16.6	17.1	17.4	19.4
C.V. (%)		16.6	13.2	16.9	16.4	17.7	17.7	17.8	21.7	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 10B.
(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/
2019 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		SEPT 3	SEPT 5	PERCENT GREEN COVER DURING DRY DOWN						TOTAL WATER APPLIED (mm)	
				SEPT 9	SEPT 12	SEPT 17	SEPT 20	SEPT 23	SEPT 26		SEPT 30
BAR PP 110358	KB	39.3	49.3	45.7	52.7	49.3	47.3	46.0	45.3	51.0	313.3
BABE	KB	37.0	50.0	47.7	59.7	50.0	51.3	48.7	45.0	53.3	317.3
PST-K13-141	KB	40.7	55.3	47.0	62.7	50.7	49.7	43.7	44.7	55.3	317.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		42.0	47.7	47.0	49.0	43.3	40.7	40.0	39.0	45.0	326.0
BLUE DEVIL	KB	42.3	47.7	42.7	46.0	43.3	42.0	40.7	40.3	45.0	330.3
PST-K11-118	KB	30.7	37.7	35.0	43.3	33.7	33.3	29.7	26.3	33.7	334.3
EVEREST	KB	28.3	33.7	29.3	35.3	30.3	28.3	28.3	28.3	31.3	334.7
PST-K13-143	KB	32.0	41.7	35.7	42.0	34.0	34.0	30.3	26.3	38.3	334.7
BLUE NOTE	KB	21.7	29.0	25.0	34.0	22.7	22.0	21.0	20.0	23.7	338.7
NAI-13-14	KB	33.0	39.3	36.7	39.7	38.7	38.3	37.0	35.7	38.0	338.7
BARRARI	KB	24.7	33.3	31.7	39.3	34.0	33.7	32.3	30.0	33.7	343.0
DAUNTLESS	KB	33.0	44.3	39.7	49.7	45.0	45.3	42.3	37.7	44.0	343.0
MIDNIGHT	KB	28.7	33.3	27.7	34.7	33.0	31.7	27.3	28.3	33.0	343.0
NAI-13-132	KB	31.7	35.3	30.7	36.0	33.0	32.3	29.3	27.7	34.0	343.0
PST-K13-137	KB	32.0	42.0	37.0	43.0	34.3	34.7	31.0	31.3	40.0	343.0
PST-K15-169	KB	23.3	28.7	26.7	31.0	28.0	27.3	26.3	23.3	28.0	343.0
LSD VALUE		22.1	24.4	26.6	27.0	22.2	23.3	23.7	24.3	22.8	51.4
C.V. (%)		27.8	26.1	29.8	27.2	27.1	28.5	30.1	32.0	27.5	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 10C. 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/
 2019 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		PRE-DROUGHT					MEAN
		QUALITY MAY 30	JUNE 24	QUALITY RATINGS DURING DRY DOWN			
				JULY 22	AUG 15	SEPT 26	
LTP-SYN-A3	TF	6.0	7.0	6.0	6.0	6.0	6.2
RS4	TF	6.7	7.3	6.3	6.0	5.7	6.4
DLFPS 321/3678	TF	7.0	7.3	6.0	6.0	6.0	6.5
BARROBUSTO	TF	6.7	7.0	6.0	6.0	5.7	6.3
DLFPS 321/3677	TF	6.3	7.0	5.7	6.0	5.7	6.1
NONET	TF	6.3	7.0	5.7	6.0	5.7	6.1
DLFPS 321/3679	TF	6.7	6.7	5.3	6.3	5.7	6.1
THUNDERSTRUCK	TF	6.7	7.0	6.3	6.7	5.3	6.4
CATALYST	TF	6.3	7.0	6.0	6.0	5.7	6.2
PST-5SDS	TF	6.7	7.3	6.3	6.3	4.7	6.3
PST-R511	TF	6.3	6.3	6.3	6.0	5.7	6.1
SUPERSONIC	TF	6.3	7.0	6.3	5.7	5.7	6.2
THOR	TF	6.7	6.7	5.7	6.3	5.0	6.1
KINGDOM	TF	6.3	6.7	5.7	5.7	5.7	6.0
STETSON II	TF	6.3	7.0	6.3	6.0	6.0	6.3
BAR FA 121095	TF	6.0	6.7	5.3	6.0	5.7	5.9
MRSL TF15	TF	6.3	6.7	5.7	6.0	5.7	6.1
TITANIUM 2LS	TF	7.0	7.0	6.0	5.7	5.7	6.3
GO-AOMK	TF	6.7	6.7	5.7	6.0	5.3	6.1
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.0	3.7	3.7	4.3	4.7	4.1
LSD VALUE		1.1	0.7	1.2	1.2	1.5	0.4
C.V. (%)		9.4	6.5	10.6	9.3	10.2	4.5

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 10C.
(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/
2019 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		PERCENT GREEN COVER DURING DRY DOWN								
		MAY 31	JUNE 3	JUNE 6	JUNE 11	JUNE 13	JUNE 17	JUNE 20	JUNE 24	JUNE 27
LTP-SYN-A3	TF	98.0	98.0	97.3	97.7	95.7	95.3	96.3	95.0	94.0
RS4	TF	98.3	98.3	97.7	98.0	96.3	96.3	97.3	96.3	95.7
DLFPS 321/3678	TF	98.3	98.7	97.3	97.7	95.7	95.7	96.3	95.3	94.3
BARROBUSTO	TF	98.0	98.3	97.7	98.0	95.7	96.7	96.3	95.3	94.7
DLFPS 321/3677	TF	98.0	98.3	97.7	98.0	95.7	95.7	96.7	95.3	94.3
NONET	TF	96.3	97.3	95.3	96.3	94.3	94.7	95.7	93.7	93.7
DLFPS 321/3679	TF	97.7	98.3	97.3	97.3	95.7	95.3	95.7	94.7	93.3
THUNDERSTRUCK	TF	97.3	97.3	96.3	97.0	94.7	95.3	95.7	94.0	93.0
CATALYST	TF	97.7	98.0	97.3	98.0	96.0	96.3	96.7	95.3	94.3
PST-5SDS	TF	97.7	98.3	97.3	98.3	96.0	96.3	96.7	95.7	95.3
PST-R511	TF	97.3	98.3	97.0	98.0	95.7	95.7	96.3	95.3	94.7
SUPERSONIC	TF	98.0	98.7	98.0	98.0	96.3	96.7	96.7	95.3	94.3
THOR	TF	97.3	98.0	97.0	97.7	95.3	95.7	96.0	95.3	94.3
KINGDOM	TF	97.0	98.0	96.7	97.0	94.7	95.0	95.3	94.3	93.7
STETSON II	TF	97.3	97.7	96.0	96.3	94.0	94.7	94.3	93.3	92.3
BAR FA 121095	TF	98.0	98.3	97.3	98.0	96.3	95.7	96.3	94.7	94.3
MRSL TF15	TF	97.0	97.3	95.3	96.7	94.0	93.3	94.7	93.0	92.0
TITANIUM 2LS	TF	98.3	98.7	98.0	98.3	96.3	97.0	97.0	96.3	96.0
GO-AOMK	TF	97.3	97.7	96.3	97.0	94.3	95.3	95.0	93.3	91.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		94.7	94.7	91.0	90.7	85.7	82.3	84.7	73.3	73.7
LSD VALUE		0.9	0.8	1.4	1.2	1.3	1.3	1.5	2.4	2.7
C.V. (%)		0.6	0.5	1.0	0.8	0.9	0.9	1.1	1.7	1.9

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 THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT COLLEGE PARK, MD 1/
2019 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		PERCENT GREEN COVER DURING DRY DOWN								
		JULY 2	JULY 4	JULY 8	JULY 11	JULY 15	JULY 18	JULY 22	JULY 25	JULY 29
LTP-SYN-A3	TF	50.7	31.3	70.0	73.0	68.0	48.3	44.0	50.7	58.3
RS4	TF	46.7	24.7	67.7	69.0	69.3	51.0	50.0	53.3	62.0
DLFPS 321/3678	TF	46.0	30.3	69.3	71.7	68.3	55.7	47.0	45.0	47.3
BARROBUSTO	TF	52.7	31.0	71.0	70.7	69.0	46.7	47.7	52.7	57.7
DLFPS 321/3677	TF	51.3	28.0	71.0	71.7	70.3	51.0	49.7	55.3	60.0
NONET	TF	54.7	34.7	72.7	71.3	67.3	42.3	45.3	48.3	56.0
DLFPS 321/3679	TF	51.7	27.3	67.7	67.7	66.7	51.0	49.3	51.7	56.7
THUNDERSTRUCK	TF	54.0	36.0	72.0	72.3	67.0	51.3	50.7	55.3	61.3
CATALYST	TF	46.7	25.0	68.0	69.7	65.7	47.3	45.3	49.3	59.3
PST-5SDS	TF	47.3	30.0	68.7	68.3	69.3	54.7	55.3	50.0	52.0
PST-R511	TF	51.7	27.0	71.0	71.7	68.0	45.7	48.7	50.3	57.3
SUPERSONIC	TF	43.3	20.3	62.3	61.0	66.7	59.7	50.7	54.0	59.3
THOR	TF	46.3	25.3	65.7	66.0	64.0	49.0	50.0	51.7	56.3
KINGDOM	TF	52.0	33.3	68.7	71.0	64.7	55.0	58.0	57.0	60.7
STETSON II	TF	51.7	34.3	68.7	67.7	66.3	54.3	53.0	51.7	60.0
BAR FA 121095	TF	46.3	25.0	66.7	68.0	65.3	47.7	47.7	48.7	52.7
MRSL TF15	TF	47.7	24.0	66.0	66.3	64.3	51.3	54.3	52.7	58.7
TITANIUM 2LS	TF	51.0	29.0	68.7	69.3	64.7	56.0	52.3	56.3	59.0
GO-AOMK	TF	40.7	18.0	60.0	60.7	62.0	56.7	52.3	52.3	57.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		24.0	6.3	40.3	36.7	44.7	38.7	34.0	36.0	45.0
LSD VALUE		11.5	11.7	8.8	8.8	6.4	21.7	29.8	11.3	13.6
C.V. (%)		13.3	23.9	7.9	8.1	5.9	15.8	19.1	10.6	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 10C.
(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/
2019 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		PERCENT GREEN COVER DURING DRY DOWN								
		AUG 1	AUG 5	AUG 8	AUG 12	AUG 15	AUG 19	AUG 22	AUG 26	AUG 29
LTP-SYN-A3	TF	53.3	65.7	60.7	65.7	52.7	51.7	58.3	55.0	52.3
RS4	TF	57.7	67.0	55.7	59.0	47.3	49.3	55.3	50.3	53.7
DLFPS 321/3678	TF	47.7	63.3	53.3	59.7	55.3	58.0	58.7	53.7	57.0
BARROBUSTO	TF	58.7	66.0	55.0	59.7	54.3	57.7	59.3	54.3	58.0
DLFPS 321/3677	TF	57.0	66.7	53.7	61.0	55.7	58.7	60.3	55.0	59.3
NONET	TF	48.7	64.0	57.3	61.3	53.7	56.3	58.7	55.0	58.3
DLFPS 321/3679	TF	51.3	63.3	54.0	60.0	53.7	56.7	61.0	54.3	60.0
THUNDERSTRUCK	TF	61.7	71.0	55.3	56.0	55.0	57.7	58.0	53.0	51.0
CATALYST	TF	58.3	67.0	56.0	57.7	51.7	55.0	57.7	53.3	51.7
PST-5SDS	TF	43.0	59.7	48.7	54.0	49.3	52.3	56.3	53.3	52.7
PST-R511	TF	53.0	65.7	57.0	61.3	45.7	51.0	54.0	49.3	47.0
SUPERSONIC	TF	59.0	67.3	56.3	55.3	54.0	58.0	60.0	58.3	57.3
THOR	TF	54.7	63.7	57.7	64.0	58.7	56.3	57.3	52.7	50.3
KINGDOM	TF	53.0	61.7	56.0	61.7	55.7	56.7	55.3	51.7	52.0
STETSON II	TF	50.3	63.3	53.0	60.7	55.7	55.7	59.0	53.7	49.0
BAR FA 121095	TF	51.0	63.0	56.7	62.3	50.7	52.3	55.7	48.3	55.7
MRSL TF15	TF	57.0	65.0	54.7	62.3	52.3	57.0	55.3	51.3	49.0
TITANIUM 2LS	TF	56.7	64.7	56.7	61.0	54.0	57.0	55.7	54.0	54.0
GO-AOMK	TF	53.7	63.3	53.3	61.3	47.7	49.7	52.7	49.7	51.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		42.3	56.0	45.0	58.3	45.0	51.3	50.7	42.7	50.7
LSD VALUE		19.9	18.7	13.1	19.0	14.8	17.1	13.5	18.7	27.7
C.V. (%)		14.4	9.2	9.1	9.5	10.7	10.1	8.0	11.5	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 10C.
(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/
2019 DATA

TOTAL WATER APPLIED IN MM 2/

NAME		SEPT 3	SEPT 5	PERCENT GREEN COVER DURING DRY DOWN						TOTAL WATER APPLIED (mm)	
				SEPT 9	SEPT 12	SEPT 17	SEPT 20	SEPT 23	SEPT 26		SEPT 30
LTP-SYN-A3	TF	50.3	65.7	55.0	61.7	40.0	47.0	40.0	50.0	59.3	270.7
RS4	TF	53.0	68.0	57.0	64.0	44.7	46.3	38.3	40.3	55.3	275.0
DLFPS 321/3678	TF	48.3	59.7	51.3	63.0	46.3	48.7	40.3	39.0	54.3	279.3
BARROBUSTO	TF	49.3	62.7	53.3	61.3	44.3	48.7	40.3	46.0	57.7	283.7
DLFPS 321/3677	TF	49.0	62.7	52.3	56.3	45.0	49.3	44.3	51.7	62.7	283.7
NONET	TF	48.0	60.3	54.0	58.3	44.0	49.7	42.7	45.7	56.0	283.7
DLFPS 321/3679	TF	51.7	61.0	44.3	56.0	41.0	44.0	39.3	48.0	57.7	288.0
THUNDERSTRUCK	TF	43.0	55.7	44.7	51.7	37.3	43.0	36.7	36.0	52.0	288.0
CATALYST	TF	43.7	57.7	55.0	65.3	44.0	47.7	38.3	39.7	52.3	292.0
PST-5SDS	TF	48.7	59.3	50.7	58.7	42.3	45.0	35.3	36.7	54.0	292.0
PST-R511	TF	36.3	47.3	47.0	55.0	45.3	41.7	38.0	38.3	51.7	296.3
SUPERSONIC	TF	46.3	60.0	50.3	55.3	40.3	49.7	41.0	46.3	59.7	296.7
THOR	TF	45.0	56.7	47.3	51.7	38.3	44.7	38.0	41.0	53.0	305.0
KINGDOM	TF	45.3	56.3	52.3	61.3	45.3	45.7	39.3	42.3	52.0	309.0
STETSON II	TF	42.7	49.7	50.7	56.0	42.0	46.0	39.3	49.3	56.3	309.0
BAR FA 121095	TF	46.3	56.3	48.7	61.0	50.3	52.3	45.3	43.3	57.7	313.3
MRSL TF15	TF	43.7	51.0	41.7	52.3	36.0	40.3	33.7	36.7	49.0	313.3
TITANIUM 2LS	TF	44.3	56.3	48.0	53.0	33.0	33.7	27.7	40.0	52.7	313.3
GO-AOMK	TF	45.3	53.7	50.7	56.0	37.7	41.3	32.7	36.3	47.3	321.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		42.0	47.7	47.0	49.0	43.3	40.7	40.0	39.0	45.0	326.0
LSD VALUE		22.7	23.9	20.8	29.9	26.7	26.2	28.3	23.7	19.9	68.6
C.V. (%)		15.6	15.2	13.9	15.9	19.4	18.2	21.8	19.5	13.0	8.4

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

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

TABLE 11A.

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 0% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN							
		JUNE 12	JUNE 19	JUNE 26	JULY 2	JULY 11	JULY 17	JULY 24	JULY 31
DLFPS 321/3677	TF	94.7	95.0	78.0	75.0	85.3	89.7	93.3	94.3
DLFPS 321/3678	TF	95.7	96.3	84.0	84.0	68.3	90.3	92.0	94.3
RS4	TF	95.0	95.0	77.7	78.0	72.3	91.3	95.0	95.3
SUPERSONIC	TF	94.0	93.0	84.0	80.0	76.0	89.3	91.0	91.7
GO-AOMK	TF	94.7	94.0	81.3	81.7	51.0	91.7	94.0	94.3
LTP-SYN-A3	TF	92.3	93.7	80.3	77.7	45.7	88.3	92.3	93.7
THOR	TF	93.0	93.7	79.0	77.7	61.7	88.7	91.3	92.7
TITANIUM 2LS	TF	93.0	90.7	73.7	71.7	74.3	87.3	92.0	93.0
CATALYST	TF	94.0	92.7	81.0	80.7	42.7	91.0	94.0	93.7
DLFPS 321/3679	TF	93.0	95.0	81.3	76.7	77.0	86.7	88.7	90.0
NONET	TF	92.3	91.3	78.3	74.3	87.7	84.7	87.7	89.3
PST-5SDS	TF	94.7	90.3	79.3	79.3	80.0	87.7	91.3	89.7
STETSON II	TF	94.7	93.7	83.3	79.0	66.7	86.0	88.3	89.3
THUNDERSTRUCK	TF	94.3	93.7	74.3	70.7	71.0	85.7	90.0	92.0
BAR FA 121095	TF	90.0	91.0	71.3	71.0	76.0	87.3	89.7	90.7
KINGDOM	TF	92.3	92.3	79.0	69.3	66.0	80.0	85.0	88.7
MRSL TF15	TF	93.0	92.3	68.0	61.7	81.0	77.7	84.3	89.0
PST-K13-141	KB	93.7	90.3	84.0	80.7	74.3	89.3	91.0	89.0
PST-R511	TF	94.0	92.0	73.3	71.7	69.0	85.0	89.0	89.0
BARROBUSTO	TF	93.0	91.0	66.0	61.7	81.7	81.3	84.7	86.7
BAR PP 110358	KB	93.3	88.7	80.0	74.7	75.0	89.7	90.7	89.3
NAI-13-132	KB	92.3	92.0	87.7	82.3	71.3	85.0	82.3	84.0
BLUE DEVIL	KB	90.7	89.7	86.3	82.0	79.7	82.3	78.7	76.3
BARRARI	KB	92.3	88.3	82.7	74.7	71.3	75.3	75.3	74.3
EVEREST	KB	89.3	88.0	86.0	78.3	71.0	79.0	77.3	76.0
MIDNIGHT	KB	87.7	87.3	78.3	72.0	70.0	78.3	73.7	74.0
BLUE NOTE	KB	91.3	86.7	79.3	74.7	70.7	79.0	77.7	74.7
DAUNTLESS	KB	92.7	79.7	66.7	65.7	78.7	78.0	79.3	78.7
NAI-13-14	KB	91.7	91.3	85.3	77.7	67.0	75.3	73.3	70.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		93.0	92.3	87.3	77.3	74.7	70.7	67.7	63.0
BABE	KB	89.3	78.7	70.3	68.3	77.7	78.0	78.7	75.7
PST-K11-118	KB	91.3	82.7	71.0	67.0	76.3	76.0	71.3	66.7
PST-K13-137	KB	91.3	88.3	81.0	73.7	68.0	78.7	78.7	74.3
PST-K13-143	KB	71.3	57.0	39.7	46.0	85.7	69.7	72.0	66.7
PST-K15-169	KB	87.7	83.7	74.7	68.3	69.0	69.3	65.7	60.3
LSD VALUE		4.5	5.5	11.6	14.9	39.2	10.4	13.0	12.2
C.V. (%)		3.1	4.1	9.1	10.8	20.2	7.3	9.0	9.1

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

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

TABLE 11A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 0% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN							
		AUG 7	AUG 15	AUG 22	AUG 28	SEPT 4	SEPT 11	SEPT 18	SEPT 25
DLFPS 321/3677	TF	95.0	92.0	92.0	92.7	96.0	98.3	97.7	98.3
DLFPS 321/3678	TF	93.3	92.0	92.3	93.7	97.0	98.7	98.7	99.0
RS4	TF	96.3	95.3	95.7	95.7	97.7	99.0	98.3	99.0
SUPERSONIC	TF	91.3	91.0	90.0	90.7	95.0	97.7	97.3	99.0
GO-AOMK	TF	95.0	92.0	90.0	91.7	94.3	98.0	97.0	98.0
LTP-SYN-A3	TF	94.3	93.3	93.3	94.3	96.7	98.3	98.0	99.0
THOR	TF	93.3	92.3	93.3	93.7	96.7	98.3	98.0	98.7
TITANIUM 2LS	TF	93.0	91.7	93.0	93.7	96.0	98.3	97.7	99.0
CATALYST	TF	95.0	93.0	93.7	94.0	96.7	98.0	97.3	98.3
DLFPS 321/3679	TF	89.3	89.0	88.3	91.3	95.3	97.7	97.3	98.3
NONET	TF	89.3	88.3	87.7	89.7	93.0	95.3	94.0	95.7
PST-5SDS	TF	90.3	86.0	84.0	87.7	93.0	96.7	95.7	98.0
STETSON II	TF	88.7	84.0	82.7	87.3	92.3	97.0	96.0	97.3
THUNDERSTRUCK	TF	92.3	88.7	89.7	89.7	94.3	98.0	96.7	98.0
BAR FA 121095	TF	89.7	86.0	85.3	86.7	92.3	96.7	96.0	97.3
KINGDOM	TF	90.0	88.7	89.3	91.3	94.3	97.3	96.3	97.7
MRSL TF15	TF	91.0	89.7	90.0	92.7	96.0	98.3	97.0	98.3
PST-K13-141	KB	77.0	71.7	74.0	80.0	84.7	93.3	90.3	93.7
PST-R511	TF	88.3	84.7	86.3	88.0	94.7	98.0	98.7	98.7
BARROBUSTO	TF	87.7	85.3	87.0	87.3	93.7	97.3	96.7	98.7
BAR PP 110358	KB	69.3	65.0	73.7	77.3	87.0	94.0	93.3	96.7
NAI-13-132	KB	62.0	59.0	73.7	79.0	88.0	96.3	94.7	97.3
BLUE DEVIL	KB	59.0	57.7	64.3	68.3	79.0	91.0	88.3	92.3
BARRARI	KB	60.7	47.3	64.0	72.7	85.0	95.0	93.0	96.0
EVEREST	KB	53.7	53.0	63.7	70.7	80.3	93.3	91.7	94.7
MIDNIGHT	KB	57.0	59.3	66.7	72.3	81.3	92.0	90.0	94.3
BLUE NOTE	KB	50.0	42.0	55.7	68.0	83.0	94.7	93.0	96.3
DAUNTLESS	KB	54.7	52.3	66.3	75.0	85.3	95.7	92.7	95.3
NAI-13-14	KB	53.0	51.0	62.3	67.0	78.7	91.3	88.3	93.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		46.0	51.3	65.0	78.3	89.7	97.3	96.3	97.3
BABE	KB	54.7	48.3	59.0	68.0	79.7	93.3	91.0	94.7
PST-K11-118	KB	53.7	53.0	59.7	67.3	79.3	92.7	90.0	94.3
PST-K13-137	KB	57.3	51.7	53.3	58.3	70.0	86.3	82.3	86.3
PST-K13-143	KB	52.3	45.7	57.7	66.3	80.7	93.0	92.0	92.7
PST-K15-169	KB	42.7	40.7	48.3	54.0	66.3	88.0	85.0	90.3
LSD VALUE		16.3	13.9	13.9	13.1	10.8	5.3	5.6	3.7
C.V. (%)		14.1	12.8	11.6	10.1	7.4	3.2	3.6	2.4

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 11A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 0% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN							
		JUNE 12	JUNE 19	JUNE 26	JULY 2	JULY 11	JULY 17	JULY 24	JULY 31
DLFPS 321/3677	TF	9.0	9.0	7.7	7.3	8.0	8.7	9.0	9.0
DLFPS 321/3678	TF	9.0	9.0	8.0	8.0	7.0	8.7	8.7	9.0
RS4	TF	9.0	9.0	7.7	7.7	7.0	8.7	9.0	9.0
SUPERSONIC	TF	9.0	9.0	8.3	7.7	7.7	8.3	8.7	9.0
GO-AOMK	TF	9.0	9.0	8.0	8.3	5.3	9.0	9.0	9.0
LTP-SYN-A3	TF	9.0	9.0	8.0	7.7	4.7	8.7	9.0	9.0
THOR	TF	9.0	9.0	8.0	7.7	6.3	8.7	8.7	9.0
TITANIUM 2LS	TF	9.0	8.3	7.0	7.0	7.7	8.7	9.0	9.0
CATALYST	TF	9.0	9.0	7.7	7.7	4.3	8.7	9.0	9.0
DLFPS 321/3679	TF	8.7	9.0	8.0	7.7	7.3	8.7	8.7	8.7
NONET	TF	9.0	8.7	7.7	7.3	8.7	8.0	8.3	8.7
PST-5SDS	TF	9.0	8.3	7.7	8.0	8.0	8.7	8.7	8.7
STETSON II	TF	9.0	9.0	8.0	7.7	7.0	8.3	8.7	8.7
THUNDERSTRUCK	TF	9.0	9.0	7.3	7.0	7.0	8.3	8.7	8.7
BAR FA 121095	TF	8.7	8.7	7.3	7.3	7.3	8.3	8.3	8.7
KINGDOM	TF	9.0	8.7	8.0	6.7	6.7	7.7	8.0	8.3
MRSL TF15	TF	9.0	8.7	6.7	6.3	8.0	7.7	8.3	8.7
PST-K13-141	KB	9.0	8.7	8.3	8.3	7.3	8.7	9.0	8.3
PST-R511	TF	9.0	8.7	7.3	7.0	6.7	8.3	8.3	8.3
BARROBUSTO	TF	9.0	9.0	6.7	6.0	8.0	8.0	8.0	8.0
BAR PP 110358	KB	9.0	8.3	8.0	7.7	7.0	8.3	8.3	8.3
NAI-13-132	KB	8.7	9.0	8.0	8.0	7.0	8.0	7.7	8.0
BLUE DEVIL	KB	9.0	8.7	8.3	8.3	7.7	8.0	7.7	7.3
BARRARI	KB	9.0	8.3	8.0	7.3	7.3	7.7	7.7	7.3
EVEREST	KB	8.7	8.3	8.3	7.7	7.0	7.7	7.3	7.3
MIDNIGHT	KB	8.3	8.3	7.7	7.0	7.0	7.7	7.3	7.3
BLUE NOTE	KB	8.7	8.3	7.7	7.3	7.0	8.0	7.7	7.0
DAUNTLESS	KB	9.0	7.7	6.7	6.7	7.7	7.7	8.0	7.7
NAI-13-14	KB	8.7	8.7	8.3	7.7	6.7	7.3	7.3	6.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		9.0	8.7	8.3	7.3	7.3	7.0	6.7	6.3
BABE	KB	8.3	8.0	7.0	6.7	7.3	8.0	7.7	7.3
PST-K11-118	KB	9.0	8.0	7.0	6.7	7.7	7.3	7.3	7.0
PST-K13-137	KB	9.0	8.3	8.0	7.3	6.7	8.0	8.0	7.0
PST-K13-143	KB	7.0	5.7	4.3	5.0	8.3	6.7	7.3	6.3
PST-K15-169	KB	8.3	8.3	7.3	6.7	6.7	6.7	6.3	6.3
LSD VALUE		0.5	0.7	1.2	1.6	3.4	1.0	1.2	1.2
C.V. (%)		3.3	4.9	8.9	10.9	18.2	6.8	8.6	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 11A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 0% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN								
		AUG 7	AUG 15	AUG 22	AUG 28	SEPT 4	SEPT 11	SEPT 18	SEPT 25	MEAN
DLFPS 321/3677	TF	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.7
DLFPS 321/3678	TF	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.7
RS4	TF	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.7
SUPERSONIC	TF	9.0	8.7	8.7	9.0	9.0	9.0	9.0	9.0	8.7
GO-AOMK	TF	9.0	8.7	8.7	8.7	9.0	9.0	9.0	9.0	8.6
LTP-SYN-A3	TF	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.6
THOR	TF	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.6
TITANIUM 2LS	TF	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.6
CATALYST	TF	9.0	8.7	9.0	9.0	9.0	9.0	9.0	9.0	8.5
DLFPS 321/3679	TF	8.3	8.3	8.3	8.7	9.0	9.0	9.0	9.0	8.5
NONET	TF	8.3	8.3	8.3	8.3	9.0	9.0	9.0	9.0	8.5
PST-5SDS	TF	8.7	8.3	8.0	8.3	9.0	9.0	9.0	9.0	8.5
STETSON II	TF	8.7	8.3	8.3	8.7	8.7	9.0	9.0	9.0	8.5
THUNDERSTRUCK	TF	8.7	8.7	8.7	8.7	9.0	9.0	9.0	9.0	8.5
BAR FA 121095	TF	8.7	8.3	8.3	8.3	8.7	9.0	9.0	9.0	8.4
KINGDOM	TF	8.7	8.7	8.3	9.0	9.0	9.0	9.0	9.0	8.4
MRSL TF15	TF	8.7	8.3	8.7	9.0	9.0	9.0	9.0	9.0	8.4
PST-K13-141	KB	7.7	7.0	7.7	7.7	8.3	9.0	8.7	9.0	8.3
PST-R511	TF	8.3	8.3	8.3	8.3	9.0	9.0	9.0	9.0	8.3
BARROBUSTO	TF	8.3	8.0	8.3	8.3	9.0	9.0	9.0	9.0	8.2
BAR PP 110358	KB	7.0	6.3	7.3	7.7	8.3	9.0	9.0	9.0	8.0
NAI-13-132	KB	6.3	6.0	7.3	7.7	8.3	9.0	9.0	9.0	7.9
BLUE DEVIL	KB	6.0	6.0	6.3	7.0	7.7	8.7	8.7	9.0	7.8
BARRARI	KB	6.3	5.0	6.3	7.3	8.0	9.0	9.0	9.0	7.7
EVEREST	KB	5.3	5.7	6.7	7.0	7.7	9.0	8.7	9.0	7.6
MIDNIGHT	KB	6.0	6.3	7.0	7.0	8.0	8.7	8.7	9.0	7.6
BLUE NOTE	KB	5.3	4.7	5.7	6.7	8.3	9.0	9.0	9.0	7.5
DAUNTLESS	KB	5.3	5.3	6.7	7.3	8.0	9.0	9.0	9.0	7.5
NAI-13-14	KB	5.7	5.7	6.3	6.7	8.0	8.7	8.3	8.7	7.5
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.0	5.0	6.7	7.7	8.7	9.0	9.0	9.0	7.5
BABE	KB	5.7	5.3	6.0	6.7	7.7	8.7	8.7	9.0	7.4
PST-K11-118	KB	5.7	5.7	6.0	7.0	7.7	9.0	8.7	9.0	7.4
PST-K13-137	KB	6.0	5.3	5.7	6.0	6.7	8.3	8.3	8.3	7.3
PST-K13-143	KB	5.3	5.0	6.0	6.7	8.0	9.0	9.0	9.0	6.8
PST-K15-169	KB	4.3	4.3	5.0	5.3	6.7	8.7	8.0	8.7	6.7
LSD VALUE		1.4	1.3	1.2	1.2	1.0	0.6	0.7	0.4	0.6
C.V. (%)		12.6	11.8	10.2	9.5	6.9	2.6	3.5	1.8	4.8

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

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

TABLE 11B.

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 25% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN							
		JUNE 12	JUNE 19	JUNE 26	JULY 2	JULY 11	JULY 17	JULY 24	JULY 31
RS4	TF	92.7	93.7	83.7	83.7	82.3	91.7	92.3	93.7
THOR	TF	94.3	94.7	84.3	82.7	84.7	88.0	92.3	94.3
DLFPS 321/3677	TF	96.3	97.0	87.3	85.3	75.3	90.3	91.0	92.3
CATALYST	TF	91.3	89.0	75.7	74.3	78.0	85.7	90.3	90.0
DLFPS 321/3678	TF	95.0	93.3	78.0	76.7	78.0	85.3	88.7	87.7
BARROBUSTO	TF	93.0	92.0	74.0	73.3	60.3	87.7	90.0	90.3
DLFPS 321/3679	TF	93.7	93.7	79.3	75.7	73.7	86.7	89.0	90.3
KINGDOM	TF	90.3	92.3	75.3	70.0	82.3	84.7	88.7	90.7
PST-5SDS	TF	92.3	91.7	75.3	75.7	67.7	86.7	89.0	90.7
THUNDERSTRUCK	TF	93.0	93.3	80.0	78.7	78.3	85.3	87.7	90.3
GO-AOMK	TF	92.3	90.7	76.0	75.3	69.3	85.3	85.7	87.7
NONET	TF	88.3	87.3	70.7	69.0	72.7	80.3	82.7	88.7
STETSON II	TF	90.3	89.7	75.0	71.7	81.3	85.7	88.7	88.7
TITANIUM 2LS	TF	88.3	89.3	68.3	70.3	65.3	84.7	90.7	92.3
BAR FA 121095	TF	91.7	91.7	71.0	64.7	59.3	83.7	88.0	91.0
LTP-SYN-A3	TF	92.7	91.0	79.7	78.7	56.7	86.3	88.0	90.0
SUPERSONIC	TF	93.3	90.0	74.3	72.3	62.0	85.0	87.0	88.0
PST-R511	TF	94.7	92.7	74.7	71.7	41.3	85.3	85.0	88.7
BAR PP 110358	KB	92.7	90.7	75.7	68.7	65.0	89.0	90.0	84.7
BLUE DEVIL	KB	87.3	89.7	80.7	71.0	81.0	86.0	84.7	80.7
MRSL TF15	TF	88.7	88.0	65.0	53.7	73.0	76.0	79.3	83.3
MIDNIGHT	KB	85.0	89.7	77.7	66.3	76.0	80.0	76.7	74.7
NAI-13-132	KB	85.3	84.7	76.0	66.3	73.7	77.7	75.7	77.0
NAI-13-14	KB	91.3	90.7	81.3	70.0	80.0	78.3	79.7	79.0
PST-K13-137	KB	91.7	92.0	82.3	78.3	77.0	83.0	83.7	81.3
BLUE NOTE	KB	90.0	86.7	69.7	65.7	70.3	79.0	80.3	78.3
DAUNTLESS	KB	89.0	82.0	62.3	54.7	74.0	77.0	82.0	78.7
EVEREST	KB	87.3	89.0	79.7	68.7	70.3	79.7	75.7	80.7
BARRARI	KB	88.7	87.3	80.3	69.0	76.0	77.3	75.0	74.7
PST-K13-141	KB	90.0	86.7	77.3	71.7	81.0	83.3	82.3	77.0
PST-K11-118	KB	90.0	82.3	64.3	61.0	60.7	79.7	79.7	76.3
PST-K13-143	KB	79.0	71.0	56.7	62.7	76.3	81.7	81.3	80.7
PST-K15-169	KB	87.7	86.0	74.3	64.7	81.3	70.3	66.3	69.3
BABE	KB	88.7	81.3	67.3	58.3	67.3	71.0	67.3	65.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		86.7	85.3	73.7	62.3	77.7	61.7	53.3	53.7
LSD VALUE		5.9	6.2	10.3	15.1	47.5	11.3	10.5	10.2
C.V. (%)		3.7	4.2	8.0	11.4	20.8	7.5	7.8	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 11B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 25% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN							
		AUG 7	AUG 15	AUG 22	AUG 28	SEPT 4	SEPT 11	SEPT 18	SEPT 25
RS4	TF	94.0	93.3	94.0	95.7	97.7	98.3	98.3	98.7
THOR	TF	95.0	95.0	95.0	95.7	97.3	98.7	97.3	98.3
DLFPS 321/3677	TF	92.3	92.7	93.0	94.0	97.0	99.0	98.7	99.0
CATALYST	TF	92.0	92.0	92.7	93.7	96.3	98.0	97.7	98.7
DLFPS 321/3678	TF	91.3	92.0	91.7	92.3	96.0	98.0	98.0	98.7
BARROBUSTO	TF	91.0	92.3	90.7	92.0	95.3	98.3	97.3	98.0
DLFPS 321/3679	TF	91.3	90.0	90.3	93.0	96.7	98.7	98.0	98.7
KINGDOM	TF	91.0	90.0	89.7	92.0	94.7	98.3	96.7	97.7
PST-5SDS	TF	89.7	90.7	91.0	93.0	95.7	98.0	97.7	98.3
THUNDERSTRUCK	TF	89.3	88.3	90.0	91.3	95.0	98.7	97.3	98.3
GO-AOMK	TF	89.3	88.3	90.3	91.3	95.0	97.7	96.3	97.7
NONET	TF	90.7	90.7	90.7	92.3	94.7	96.7	95.7	97.0
STETSON II	TF	91.0	89.0	88.0	90.0	94.7	97.3	96.7	97.7
TITANIUM 2LS	TF	93.7	93.3	93.3	94.0	96.3	98.0	98.0	98.7
BAR FA 121095	TF	92.7	92.0	91.3	92.3	95.0	97.0	94.7	96.0
LTP-SYN-A3	TF	90.0	89.3	90.0	91.7	95.7	98.3	97.7	98.7
SUPERSONIC	TF	89.3	87.7	87.7	90.7	95.7	97.3	97.3	98.3
PST-R511	TF	88.7	89.3	91.0	92.0	96.0	97.7	97.7	98.3
BAR PP 110358	KB	83.3	81.3	79.7	77.7	85.7	95.0	94.3	96.3
BLUE DEVIL	KB	75.0	69.3	73.7	76.0	87.0	94.3	93.7	96.3
MRSL TF15	TF	84.7	83.7	87.3	88.3	93.3	98.0	96.7	98.0
MIDNIGHT	KB	74.0	68.7	73.0	75.7	85.7	93.7	92.3	96.0
NAI-13-132	KB	74.7	67.3	72.7	77.0	85.7	94.3	92.7	96.7
NAI-13-14	KB	75.3	65.7	72.7	74.3	84.3	93.3	91.7	95.3
PST-K13-137	KB	77.7	68.3	68.0	66.0	78.3	91.0	88.3	93.3
BLUE NOTE	KB	75.0	65.0	71.0	77.3	87.0	96.3	94.0	96.7
DAUNTLESS	KB	77.7	73.3	79.0	82.0	89.0	96.0	93.7	95.7
EVEREST	KB	73.7	64.7	71.0	73.7	84.0	94.7	91.7	95.7
BARRARI	KB	68.7	61.0	68.3	73.0	84.0	93.7	91.7	95.7
PST-K13-141	KB	75.3	67.7	65.7	65.0	78.7	90.3	86.7	92.0
PST-K11-118	KB	76.0	66.0	65.7	72.3	83.0	94.0	91.3	95.7
PST-K13-143	KB	76.7	68.0	70.0	74.0	84.0	93.3	90.0	92.0
PST-K15-169	KB	65.7	55.7	58.7	64.0	79.7	93.3	90.3	93.7
BABE	KB	62.7	62.7	65.0	71.7	80.7	92.3	88.7	92.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		50.0	51.3	60.7	67.3	84.3	94.3	92.7	95.0
LSD VALUE		9.2	8.7	9.1	8.8	5.9	3.2	4.3	3.2
C.V. (%)		7.3	7.4	7.4	6.9	4.3	2.0	2.8	1.9

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 ALL CULTIVARS WITH 25% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN							
		JUNE 12	JUNE 19	JUNE 26	JULY 2	JULY 11	JULY 17	JULY 24	JULY 31
RS4	TF	9.0	8.7	8.3	8.3	8.0	9.0	8.7	9.0
THOR	TF	9.0	9.0	8.0	7.7	8.3	8.3	8.7	9.0
DLFPS 321/3677	TF	9.0	9.0	8.3	8.0	7.3	8.7	8.7	8.7
CATALYST	TF	8.7	8.7	7.7	7.7	7.7	8.0	8.7	8.7
DLFPS 321/3678	TF	9.0	9.0	7.7	7.7	7.7	8.3	8.7	8.3
BARROBUSTO	TF	9.0	9.0	7.7	7.3	6.0	8.7	8.7	8.7
DLFPS 321/3679	TF	9.0	9.0	7.7	7.7	7.0	8.3	8.3	8.3
KINGDOM	TF	8.7	8.7	7.7	7.0	8.0	8.3	8.3	8.7
PST-5SDS	TF	8.7	8.7	7.3	7.7	6.7	8.3	8.7	8.7
THUNDERSTRUCK	TF	9.0	9.0	7.7	8.0	7.3	8.3	8.3	8.7
GO-AOMK	TF	9.0	8.7	7.3	7.3	6.7	8.3	8.3	8.7
NONET	TF	8.7	8.3	7.3	7.0	7.3	8.0	8.0	8.3
STETSON II	TF	8.7	8.3	7.3	7.3	8.0	8.3	8.3	8.3
TITANIUM 2LS	TF	8.7	8.7	6.7	7.0	6.7	8.0	8.7	8.7
BAR FA 121095	TF	8.7	9.0	7.3	6.0	6.0	7.7	8.7	8.7
LTP-SYN-A3	TF	8.7	8.7	7.7	7.7	5.7	8.3	8.3	8.7
SUPERSONIC	TF	9.0	8.7	7.3	7.3	6.3	8.3	8.3	8.3
PST-R511	TF	9.0	8.7	7.3	7.3	4.0	8.3	8.3	8.3
BAR PP 110358	KB	9.0	8.7	7.3	6.7	6.7	8.3	8.3	8.0
BLUE DEVIL	KB	8.3	8.7	8.0	7.0	8.0	8.0	8.0	8.0
MRSL TF15	TF	8.3	8.3	6.3	5.7	7.3	7.3	8.0	8.0
MIDNIGHT	KB	8.3	8.7	7.7	6.7	7.3	7.7	7.7	7.3
NAI-13-132	KB	8.3	8.3	7.7	6.7	7.3	7.7	7.7	7.7
NAI-13-14	KB	8.7	8.7	7.7	6.7	7.7	7.7	7.7	8.0
PST-K13-137	KB	8.7	8.7	8.0	8.0	7.3	8.0	8.0	8.0
BLUE NOTE	KB	8.3	8.3	7.0	6.7	7.0	7.7	7.7	7.7
DAUNTLESS	KB	8.3	8.0	6.3	5.7	7.3	7.7	7.7	8.0
EVEREST	KB	8.3	8.7	7.7	7.0	7.0	7.7	7.7	7.7
BARRARI	KB	8.7	8.7	7.7	7.0	7.3	7.7	7.3	7.3
PST-K13-141	KB	8.7	8.0	7.7	7.0	8.0	7.7	7.7	7.3
PST-K11-118	KB	8.7	8.0	6.3	6.0	6.3	7.7	7.7	7.3
PST-K13-143	KB	7.7	7.3	5.7	6.0	7.3	7.7	8.0	7.7
PST-K15-169	KB	8.3	8.3	7.0	6.7	8.0	7.3	6.7	7.0
BABE	KB	8.7	8.0	6.7	6.0	6.7	7.0	6.7	6.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		8.3	8.3	7.7	6.3	7.3	6.0	5.3	5.3
LSD VALUE		0.8	1.1	1.2	1.3	4.2	1.0	1.0	0.9
C.V. (%)		4.4	5.6	8.7	10.0	19.2	6.8	7.3	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 ALL CULTIVARS WITH 25% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN								
		AUG 7	AUG 15	AUG 22	AUG 28	SEPT 4	SEPT 11	SEPT 18	SEPT 25	MEAN
RS4	TF	8.7	8.7	8.7	9.0	9.0	9.0	9.0	9.0	8.8
THOR	TF	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.8
DLFPS 321/3677	TF	8.7	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.7
CATALYST	TF	8.7	8.7	9.0	9.0	9.0	9.0	9.0	9.0	8.6
DLFPS 321/3678	TF	8.7	9.0	8.7	8.7	9.0	9.0	9.0	9.0	8.6
BARROBUSTO	TF	8.7	8.7	8.7	8.7	9.0	9.0	9.0	9.0	8.5
DLFPS 321/3679	TF	8.3	8.3	8.7	9.0	9.0	9.0	9.0	9.0	8.5
KINGDOM	TF	8.7	8.7	8.7	8.7	9.0	9.0	9.0	9.0	8.5
PST-5SDS	TF	8.7	8.7	8.7	8.7	9.0	9.0	9.0	9.0	8.5
THUNDERSTRUCK	TF	8.3	8.7	8.7	8.7	9.0	9.0	9.0	9.0	8.5
GO-AOMK	TF	8.7	8.7	8.7	8.7	9.0	9.0	9.0	9.0	8.4
NONET	TF	8.7	8.7	8.7	8.7	9.0	9.0	9.0	9.0	8.4
STETSON II	TF	8.3	8.3	8.3	8.3	9.0	9.0	9.0	9.0	8.4
TITANIUM 2LS	TF	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.4
BAR FA 121095	TF	9.0	9.0	8.7	8.7	9.0	9.0	9.0	9.0	8.3
LTP-SYN-A3	TF	8.7	8.3	8.3	8.3	9.0	9.0	9.0	9.0	8.3
SUPERSONIC	TF	8.3	8.3	8.3	8.7	9.0	9.0	9.0	9.0	8.3
PST-R511	TF	8.3	8.3	8.7	8.7	9.0	9.0	9.0	9.0	8.2
BAR PP 110358	KB	8.0	8.0	7.7	7.7	8.3	9.0	9.0	9.0	8.1
BLUE DEVIL	KB	7.7	7.0	7.3	7.3	8.3	9.0	9.0	9.0	8.0
MRSL TF15	TF	8.3	8.0	8.3	8.3	9.0	9.0	9.0	9.0	8.0
MIDNIGHT	KB	7.7	7.0	7.3	7.7	8.0	9.0	9.0	9.0	7.9
NAI-13-132	KB	7.7	6.7	7.3	8.0	8.0	9.0	9.0	9.0	7.9
NAI-13-14	KB	7.3	6.7	7.0	7.3	8.0	9.0	8.7	9.0	7.9
PST-K13-137	KB	7.7	6.7	7.0	6.7	7.7	8.7	8.7	8.7	7.9
BLUE NOTE	KB	7.7	6.7	7.0	7.3	8.3	9.0	9.0	9.0	7.8
DAUNTLESS	KB	7.7	7.3	7.7	8.3	8.3	9.0	9.0	9.0	7.8
EVEREST	KB	7.3	6.3	7.0	7.3	8.3	9.0	8.7	9.0	7.8
BARRARI	KB	7.0	6.0	6.7	7.3	8.3	8.7	8.7	9.0	7.7
PST-K13-141	KB	7.3	6.7	6.3	6.7	7.7	8.7	8.3	8.7	7.6
PST-K11-118	KB	7.7	6.7	6.3	7.0	7.7	9.0	9.0	9.0	7.5
PST-K13-143	KB	7.3	6.7	7.0	7.3	8.3	9.0	8.7	8.7	7.5
PST-K15-169	KB	6.3	5.7	6.0	6.3	7.7	9.0	8.7	9.0	7.4
BABE	KB	6.3	6.3	6.7	7.3	8.0	9.0	8.3	9.0	7.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.3	5.0	6.3	6.7	8.3	9.0	9.0	9.0	7.1
LSD VALUE		1.0	0.9	1.0	0.9	0.5	0.6	0.7	0.6	0.5
C.V. (%)		7.6	8.1	8.0	7.3	3.9	1.8	3.0	1.9	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.

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 75% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN							
		JUNE 12	JUNE 19	JUNE 26	JULY 2	JULY 11	JULY 17	JULY 24	JULY 31
LTP-SYN-A3	TF	93.7	93.3	82.7	82.7	89.3	93.7	95.7	95.7
DLFPS 321/3679	TF	93.7	92.0	81.3	82.7	86.7	91.7	94.3	94.3
MIDNIGHT	KB	91.0	93.0	88.3	88.3	78.0	92.0	94.0	93.3
RS4	TF	89.3	92.3	81.0	83.0	87.3	94.3	96.0	96.3
SUPERSONIC	TF	94.3	94.7	81.3	83.0	71.0	92.7	94.3	94.7
THUNDERSTRUCK	TF	93.0	93.7	82.3	82.7	85.7	93.0	95.7	95.0
BAR FA 121095	TF	90.0	93.7	74.0	78.7	78.0	93.0	95.3	95.3
BARROBUSTO	TF	92.3	91.0	78.3	79.7	86.3	90.7	93.3	94.0
DLFPS 321/3678	TF	93.7	94.0	77.7	76.7	67.0	93.0	95.0	96.0
NAI-13-14	KB	92.3	95.3	90.3	90.0	79.3	94.0	94.3	88.3
NONET	TF	92.0	91.3	73.7	78.0	88.3	91.3	94.7	95.3
PST-5SDS	TF	93.0	94.0	82.7	85.3	84.0	91.7	93.0	93.3
TITANIUM 2LS	TF	95.3	96.7	85.0	88.7	69.0	94.0	95.0	94.0
DLFPS 321/3677	TF	92.0	91.0	75.0	73.7	86.0	90.3	91.7	93.0
EVEREST	KB	88.0	92.7	88.3	83.7	74.3	91.3	91.0	90.3
GO-AOMK	TF	92.3	93.3	79.0	80.0	83.7	90.7	93.0	92.7
STETSON II	TF	86.3	95.7	84.7	85.3	56.7	93.3	94.7	94.0
THOR	TF	94.7	96.3	83.0	89.3	43.3	94.3	94.7	95.0
CATALYST	TF	89.7	88.7	71.7	74.7	69.7	88.7	91.3	92.7
MDSL TF15	TF	91.3	91.3	76.0	75.0	73.3	89.0	91.7	92.7
PST-K13-141	KB	92.3	91.0	83.3	82.7	90.0	95.0	94.7	91.7
BAR PP 110358	KB	91.7	88.3	79.0	78.3	78.0	93.0	92.7	91.3
BLUE DEVIL	KB	88.3	90.3	80.7	80.0	74.3	86.3	89.7	88.7
KINGDOM	TF	94.7	95.3	78.7	80.3	53.3	89.3	88.7	89.7
NAI-13-132	KB	88.0	90.0	83.7	75.7	77.0	86.7	86.3	86.7
PST-K11-118	KB	93.7	86.3	70.3	72.3	92.7	88.0	88.3	87.3
BABE	KB	90.0	82.0	65.7	69.0	74.7	87.7	89.3	86.3
PST-R511	TF	94.3	87.7	68.7	71.3	86.7	86.3	83.7	83.3
BARRARI	KB	88.7	88.0	82.7	78.0	77.3	81.7	80.0	78.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		95.0	96.0	87.7	77.7	87.0	76.7	72.0	72.0
DAUNTLESS	KB	88.0	78.7	62.0	62.0	85.0	81.3	85.7	87.7
PST-K13-137	KB	92.3	91.0	78.3	77.0	83.3	87.0	87.0	85.3
PST-K13-143	KB	85.7	72.3	48.0	58.7	81.7	82.7	88.3	83.7
PST-K15-169	KB	88.0	86.3	75.3	70.7	79.7	82.0	79.7	76.0
BLUE NOTE	KB	89.3	77.3	57.3	59.0	83.0	75.7	74.7	71.0
LSD VALUE		9.9	5.2	12.5	14.2	39.3	7.7	8.2	8.1
C.V. (%)		4.1	3.7	9.7	10.0	19.5	5.1	5.5	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 11C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 75% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN							
		AUG 7	AUG 15	AUG 22	AUG 28	SEPT 4	SEPT 11	SEPT 18	SEPT 25
LTP-SYN-A3	TF	96.7	96.0	95.3	96.3	97.7	98.3	98.3	99.0
DLFPS 321/3679	TF	95.7	95.3	95.0	95.0	96.3	97.7	97.0	98.3
MIDNIGHT	KB	95.0	92.3	93.7	93.3	94.7	97.3	97.0	98.3
RS4	TF	97.3	96.7	97.0	97.7	98.3	99.0	98.7	99.0
SUPERSONIC	TF	95.0	94.3	94.0	95.3	97.3	98.3	98.3	98.7
THUNDERSTRUCK	TF	93.3	93.0	93.3	95.0	96.7	97.7	96.7	98.0
BAR FA 121095	TF	96.3	94.7	94.3	95.7	96.3	97.7	96.0	96.7
BARROBUSTO	TF	94.7	94.7	94.0	94.3	96.7	98.0	97.3	97.3
DLFPS 321/3678	TF	96.3	96.0	96.0	96.3	98.0	98.7	98.7	99.0
NAI-13-14	KB	90.0	86.0	87.0	87.3	91.0	96.0	95.7	97.3
NONET	TF	94.7	94.0	92.7	94.7	96.3	97.3	95.7	96.7
PST-5SDS	TF	93.3	93.3	92.3	93.7	96.7	98.0	97.7	98.3
TITANIUM 2LS	TF	93.7	94.3	92.7	94.7	97.7	98.7	98.7	99.0
DLFPS 321/3677	TF	94.0	93.3	93.7	93.3	96.3	98.0	97.7	98.3
EVEREST	KB	91.7	88.0	89.0	89.7	93.3	96.3	95.7	96.7
GO-AOMK	TF	94.7	93.0	91.7	91.7	94.3	96.3	95.0	96.3
STETSON II	TF	92.3	90.0	90.3	92.3	96.3	97.7	97.3	98.3
THOR	TF	95.7	95.7	95.3	95.7	97.7	98.3	98.7	98.7
CATALYST	TF	95.0	93.3	93.0	94.3	97.3	98.0	97.7	98.3
MDSL TF15	TF	94.7	93.0	93.3	93.3	96.7	98.0	97.3	98.0
PST-K13-141	KB	93.0	85.7	83.7	79.7	86.7	93.0	89.7	91.7
BAR PP 110358	KB	91.7	87.3	84.3	83.3	88.7	95.0	93.0	95.3
BLUE DEVIL	KB	90.3	87.7	85.0	86.7	90.0	94.3	93.3	96.0
KINGDOM	TF	89.7	91.0	90.3	91.0	94.3	96.7	96.0	98.0
NAI-13-132	KB	87.0	83.7	84.3	84.3	89.7	95.0	93.7	96.7
PST-K11-118	KB	87.3	84.7	85.7	89.0	93.3	97.3	96.3	97.7
BABE	KB	85.3	85.7	85.0	88.0	93.7	98.0	96.3	97.7
PST-R511	TF	83.0	88.0	90.7	93.7	97.0	99.0	98.7	97.3
BARRARI	KB	79.3	79.7	79.3	82.7	89.7	95.3	94.0	95.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		75.0	76.7	80.0	85.7	92.3	98.0	96.0	97.3
DAUNTLESS	KB	89.0	86.0	84.0	83.3	89.7	95.0	92.7	95.0
PST-K13-137	KB	86.7	82.3	78.3	77.0	82.0	89.7	87.0	90.0
PST-K13-143	KB	85.7	81.3	83.0	85.3	89.7	95.7	93.0	93.0
PST-K15-169	KB	76.7	73.0	72.7	74.0	83.0	95.0	91.3	94.0
BLUE NOTE	KB	72.7	71.7	72.3	80.3	88.3	95.7	94.0	96.3
LSD VALUE		8.6	8.2	7.8	6.9	4.1	2.6	3.1	2.4
C.V. (%)		5.8	5.7	5.5	4.8	2.8	1.6	2.0	1.6

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

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

TABLE 11C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 75% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN							
		JUNE 12	JUNE 19	JUNE 26	JULY 2	JULY 11	JULY 17	JULY 24	JULY 31
LTP-SYN-A3	TF	9.0	9.0	8.0	8.3	8.7	9.0	9.0	9.0
DLFPS 321/3679	TF	8.7	8.7	8.0	8.0	8.3	8.7	9.0	9.0
MIDNIGHT	KB	8.7	8.7	8.3	8.3	7.7	9.0	9.0	9.0
RS4	TF	8.3	8.7	8.3	8.3	8.3	9.0	9.0	9.0
SUPERSONIC	TF	9.0	9.0	8.0	8.0	7.0	9.0	9.0	9.0
THUNDERSTRUCK	TF	8.7	9.0	8.3	8.3	8.0	9.0	9.0	9.0
BAR FA 121095	TF	8.7	9.0	7.3	7.7	7.7	9.0	9.0	9.0
BARROBUSTO	TF	8.7	8.7	8.0	8.0	8.3	8.7	8.7	8.7
DLFPS 321/3678	TF	9.0	9.0	7.7	7.7	7.0	9.0	9.0	9.0
NAI-13-14	KB	9.0	9.0	8.3	8.7	7.7	9.0	9.0	8.7
NONET	TF	8.7	8.7	7.3	7.7	8.3	8.7	9.0	9.0
PST-5SDS	TF	9.0	9.0	8.0	8.0	8.0	8.7	8.7	8.7
TITANIUM 2LS	TF	9.0	9.0	8.3	8.7	6.7	9.0	9.0	8.7
DLFPS 321/3677	TF	8.7	8.7	7.7	7.3	8.3	8.7	8.7	8.7
EVEREST	KB	8.3	8.7	8.3	8.3	7.3	8.7	8.7	8.7
GO-AOMK	TF	9.0	9.0	7.3	7.7	8.0	8.7	8.7	8.7
STETSON II	TF	8.3	9.0	8.3	8.3	5.7	9.0	9.0	8.7
THOR	TF	9.0	9.0	7.7	8.7	4.7	9.0	9.0	9.0
CATALYST	TF	8.3	8.7	7.0	7.3	7.0	8.7	8.7	8.7
MDSL TF15	TF	8.7	8.7	7.7	7.3	7.0	8.7	8.7	8.7
PST-K13-141	KB	9.0	8.7	8.0	8.0	8.3	9.0	9.0	8.7
BAR PP 110358	KB	8.7	8.7	7.7	7.3	7.7	9.0	8.7	8.7
BLUE DEVIL	KB	8.3	8.7	8.3	7.7	7.3	8.7	8.3	8.3
KINGDOM	TF	9.0	9.0	7.7	8.0	5.3	8.3	8.3	8.3
NAI-13-132	KB	8.3	8.7	8.0	7.3	7.7	8.3	8.3	8.3
PST-K11-118	KB	8.7	8.3	6.7	7.0	9.0	8.3	8.7	8.3
BABE	KB	8.7	8.0	6.3	7.0	7.3	8.3	8.7	8.3
PST-R511	TF	9.0	8.3	7.0	7.0	8.3	8.3	8.0	7.7
BARRARI	KB	8.3	8.3	8.0	8.0	7.7	8.0	8.0	8.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		9.0	9.0	8.7	7.7	8.7	7.3	7.3	7.0
DAUNTLESS	KB	8.7	7.7	6.3	6.0	8.0	8.0	8.3	8.7
PST-K13-137	KB	8.7	8.7	7.7	7.7	8.0	8.3	8.7	8.0
PST-K13-143	KB	8.3	7.0	4.7	6.0	7.7	8.0	8.7	8.3
PST-K15-169	KB	8.3	8.3	7.3	7.0	7.7	8.0	8.0	7.7
BLUE NOTE	KB	8.3	7.3	5.7	5.7	8.3	7.3	7.3	7.0
LSD VALUE		1.2	0.5	1.0	1.3	3.3	0.7	0.8	0.8
C.V. (%)		4.8	3.8	7.9	9.5	17.0	4.9	5.3	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 11C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 75% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN								
		AUG 7	AUG 15	AUG 22	AUG 28	SEPT 4	SEPT 11	SEPT 18	SEPT 25	MEAN
LTP-SYN-A3	TF	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.9
DLFPS 321/3679	TF	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.8
MIDNIGHT	KB	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.8
RS4	TF	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.8
SUPERSONIC	TF	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.8
THUNDERSTRUCK	TF	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.8
BAR FA 121095	TF	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.7
BARROBUSTO	TF	8.7	9.0	8.7	8.7	9.0	9.0	9.0	9.0	8.7
DLFPS 321/3678	TF	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.7
NAI-13-14	KB	8.7	8.3	8.3	8.7	8.7	9.0	9.0	9.0	8.7
NONET	TF	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.7
PST-5SDS	TF	8.7	8.7	8.7	8.7	9.0	9.0	9.0	9.0	8.7
TITANIUM 2LS	TF	8.7	8.7	8.7	9.0	9.0	9.0	9.0	9.0	8.7
DLFPS 321/3677	TF	9.0	9.0	9.0	8.7	9.0	9.0	9.0	9.0	8.6
EVEREST	KB	9.0	8.3	8.7	8.7	9.0	9.0	9.0	9.0	8.6
GO-AOMK	TF	9.0	9.0	8.7	8.7	9.0	9.0	9.0	9.0	8.6
STETSON II	TF	8.7	8.7	8.7	8.7	9.0	9.0	9.0	9.0	8.6
THOR	TF	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.6
CATALYST	TF	9.0	9.0	8.7	9.0	9.0	9.0	9.0	9.0	8.5
MRL TF15	TF	9.0	9.0	8.7	8.7	9.0	9.0	9.0	9.0	8.5
PST-K13-141	KB	9.0	8.3	8.0	8.0	8.3	9.0	8.3	9.0	8.5
BAR PP 110358	KB	8.7	8.3	8.3	8.3	8.3	9.0	8.7	9.0	8.4
BLUE DEVIL	KB	8.7	8.0	8.3	8.3	8.7	9.0	9.0	9.0	8.4
KINGDOM	TF	8.3	8.7	8.7	8.7	9.0	9.0	9.0	9.0	8.4
NAI-13-132	KB	8.3	8.3	8.3	8.3	8.7	9.0	9.0	9.0	8.4
PST-K11-118	KB	8.3	8.3	8.3	8.3	9.0	9.0	9.0	9.0	8.4
BABE	KB	8.7	8.3	8.3	8.7	8.7	9.0	9.0	9.0	8.3
PST-R511	TF	7.7	8.3	8.7	9.0	9.0	9.0	9.0	9.0	8.3
BARRARI	KB	7.7	7.7	8.0	8.0	8.7	9.0	9.0	9.0	8.2
SR 4650 (P.RYEGRASS STANDARD ENTRY)		7.7	7.7	7.7	8.3	8.7	9.0	9.0	9.0	8.2
DAUNTLESS	KB	8.3	8.3	8.3	8.3	8.3	9.0	9.0	9.0	8.1
PST-K13-137	KB	8.3	8.0	7.7	7.7	8.0	8.3	8.3	8.3	8.1
PST-K13-143	KB	8.3	8.0	8.0	8.3	8.7	9.0	8.7	9.0	7.9
PST-K15-169	KB	7.3	7.3	7.3	7.3	8.0	9.0	8.7	9.0	7.9
BLUE NOTE	KB	7.0	7.3	7.0	7.7	8.7	9.0	9.0	9.0	7.6
LSD VALUE		0.8	0.8	0.9	0.7	0.7	0.2	0.4	0.2	0.4
C.V. (%)		5.5	5.6	5.8	4.9	3.9	1.1	2.3	1.1	2.7

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

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

TABLE 12A.

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 0% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN							
		JUNE 12	JUNE 19	JUNE 26	JULY 2	JULY 11	JULY 17	JULY 24	JULY 31
PST-K13-141	KB	93.7	90.3	84.0	80.7	74.3	89.3	91.0	89.0
BAR PP 110358	KB	93.3	88.7	80.0	74.7	75.0	89.7	90.7	89.3
NAI-13-132	KB	92.3	92.0	87.7	82.3	71.3	85.0	82.3	84.0
BLUE DEVIL	KB	90.7	89.7	86.3	82.0	79.7	82.3	78.7	76.3
BARRARI	KB	92.3	88.3	82.7	74.7	71.3	75.3	75.3	74.3
EVEREST	KB	89.3	88.0	86.0	78.3	71.0	79.0	77.3	76.0
MIDNIGHT	KB	87.7	87.3	78.3	72.0	70.0	78.3	73.7	74.0
BLUE NOTE	KB	91.3	86.7	79.3	74.7	70.7	79.0	77.7	74.7
DAUNTLESS	KB	92.7	79.7	66.7	65.7	78.7	78.0	79.3	78.7
NAI-13-14	KB	91.7	91.3	85.3	77.7	67.0	75.3	73.3	70.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		93.0	92.3	87.3	77.3	74.7	70.7	67.7	63.0
BABE	KB	89.3	78.7	70.3	68.3	77.7	78.0	78.7	75.7
PST-K11-118	KB	91.3	82.7	71.0	67.0	76.3	76.0	71.3	66.7
PST-K13-137	KB	91.3	88.3	81.0	73.7	68.0	78.7	78.7	74.3
PST-K13-143	KB	71.3	57.0	39.7	46.0	85.7	69.7	72.0	66.7
PST-K15-169	KB	87.7	83.7	74.7	68.3	69.0	69.3	65.7	60.3
LSD VALUE		5.1	7.2	11.1	14.6	32.5	14.0	19.3	17.2
C.V. (%)		3.5	5.4	9.0	11.1	14.0	8.7	11.3	11.8

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

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

TABLE 12A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 0% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN							
		AUG 7	AUG 15	AUG 22	AUG 28	SEPT 4	SEPT 11	SEPT 18	SEPT 25
PST-K13-141	KB	77.0	71.7	74.0	80.0	84.7	93.3	90.3	93.7
BAR PP 110358	KB	69.3	65.0	73.7	77.3	87.0	94.0	93.3	96.7
NAI-13-132	KB	62.0	59.0	73.7	79.0	88.0	96.3	94.7	97.3
BLUE DEVIL	KB	59.0	57.7	64.3	68.3	79.0	91.0	88.3	92.3
BARRARI	KB	60.7	47.3	64.0	72.7	85.0	95.0	93.0	96.0
EVEREST	KB	53.7	53.0	63.7	70.7	80.3	93.3	91.7	94.7
MIDNIGHT	KB	57.0	59.3	66.7	72.3	81.3	92.0	90.0	94.3
BLUE NOTE	KB	50.0	42.0	55.7	68.0	83.0	94.7	93.0	96.3
DAUNTLESS	KB	54.7	52.3	66.3	75.0	85.3	95.7	92.7	95.3
NAI-13-14	KB	53.0	51.0	62.3	67.0	78.7	91.3	88.3	93.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		46.0	51.3	65.0	78.3	89.7	97.3	96.3	97.3
BABE	KB	54.7	48.3	59.0	68.0	79.7	93.3	91.0	94.7
PST-K11-118	KB	53.7	53.0	59.7	67.3	79.3	92.7	90.0	94.3
PST-K13-137	KB	57.3	51.7	53.3	58.3	70.0	86.3	82.3	86.3
PST-K13-143	KB	52.3	45.7	57.7	66.3	80.7	93.0	92.0	92.7
PST-K15-169	KB	42.7	40.7	48.3	54.0	66.3	88.0	85.0	90.3
LSD VALUE		24.7	21.1	22.7	21.3	19.1	9.7	9.7	6.1
C.V. (%)		19.1	18.4	15.5	13.3	10.1	4.3	4.8	3.3

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 12A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 0% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN							
		JUNE 12	JUNE 19	JUNE 26	JULY 2	JULY 11	JULY 17	JULY 24	JULY 31
PST-K13-141	KB	9.0	8.7	8.3	8.3	7.3	8.7	9.0	8.3
BAR PP 110358	KB	9.0	8.3	8.0	7.7	7.0	8.3	8.3	8.3
NAI-13-132	KB	8.7	9.0	8.0	8.0	7.0	8.0	7.7	8.0
BLUE DEVIL	KB	9.0	8.7	8.3	8.3	7.7	8.0	7.7	7.3
BARRARI	KB	9.0	8.3	8.0	7.3	7.3	7.7	7.7	7.3
EVEREST	KB	8.7	8.3	8.3	7.7	7.0	7.7	7.3	7.3
MIDNIGHT	KB	8.3	8.3	7.7	7.0	7.0	7.7	7.3	7.3
BLUE NOTE	KB	8.7	8.3	7.7	7.3	7.0	8.0	7.7	7.0
DAUNTLESS	KB	9.0	7.7	6.7	6.7	7.7	7.7	8.0	7.7
NAI-13-14	KB	8.7	8.7	8.3	7.7	6.7	7.3	7.3	6.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		9.0	8.7	8.3	7.3	7.3	7.0	6.7	6.3
BABE	KB	8.3	8.0	7.0	6.7	7.3	8.0	7.7	7.3
PST-K11-118	KB	9.0	8.0	7.0	6.7	7.7	7.3	7.3	7.0
PST-K13-137	KB	9.0	8.3	8.0	7.3	6.7	8.0	8.0	7.0
PST-K13-143	KB	7.0	5.7	4.3	5.0	8.3	6.7	7.3	6.3
PST-K15-169	KB	8.3	8.3	7.3	6.7	6.7	6.7	6.3	6.3
LSD VALUE		0.7	0.9	1.1	1.5	3.3	1.1	1.9	1.8
C.V. (%)		4.5	6.3	8.7	10.9	14.0	7.7	10.8	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 12A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 0% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN								
		AUG 7	AUG 15	AUG 22	AUG 28	SEPT 4	SEPT 11	SEPT 18	SEPT 25	MEAN
PST-K13-141	KB	7.7	7.0	7.7	7.7	8.3	9.0	8.7	9.0	8.3
BAR PP 110358	KB	7.0	6.3	7.3	7.7	8.3	9.0	9.0	9.0	8.0
NAI-13-132	KB	6.3	6.0	7.3	7.7	8.3	9.0	9.0	9.0	7.9
BLUE DEVIL	KB	6.0	6.0	6.3	7.0	7.7	8.7	8.7	9.0	7.8
BARRARI	KB	6.3	5.0	6.3	7.3	8.0	9.0	9.0	9.0	7.7
EVEREST	KB	5.3	5.7	6.7	7.0	7.7	9.0	8.7	9.0	7.6
MIDNIGHT	KB	6.0	6.3	7.0	7.0	8.0	8.7	8.7	9.0	7.6
BLUE NOTE	KB	5.3	4.7	5.7	6.7	8.3	9.0	9.0	9.0	7.5
DAUNTLESS	KB	5.3	5.3	6.7	7.3	8.0	9.0	9.0	9.0	7.5
NAI-13-14	KB	5.7	5.7	6.3	6.7	8.0	8.7	8.3	8.7	7.5
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.0	5.0	6.7	7.7	8.7	9.0	9.0	9.0	7.5
BABE	KB	5.7	5.3	6.0	6.7	7.7	8.7	8.7	9.0	7.4
PST-K11-118	KB	5.7	5.7	6.0	7.0	7.7	9.0	8.7	9.0	7.4
PST-K13-137	KB	6.0	5.3	5.7	6.0	6.7	8.3	8.3	8.3	7.3
PST-K13-143	KB	5.3	5.0	6.0	6.7	8.0	9.0	9.0	9.0	6.8
PST-K15-169	KB	4.3	4.3	5.0	5.3	6.7	8.7	8.0	8.7	6.7
LSD VALUE		1.8	2.1	1.7	2.1	1.8	0.9	1.0	0.5	0.9
C.V. (%)		15.3	16.3	12.7	12.7	9.6	3.7	4.8	2.7	6.0

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 12B.

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 25% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN							
		JUNE 12	JUNE 19	JUNE 26	JULY 2	JULY 11	JULY 17	JULY 24	JULY 31
BAR PP 110358	KB	92.7	90.7	75.7	68.7	65.0	89.0	90.0	84.7
BLUE DEVIL	KB	87.3	89.7	80.7	71.0	81.0	86.0	84.7	80.7
MIDNIGHT	KB	85.0	89.7	77.7	66.3	76.0	80.0	76.7	74.7
NAI-13-132	KB	85.3	84.7	76.0	66.3	73.7	77.7	75.7	77.0
NAI-13-14	KB	91.3	90.7	81.3	70.0	80.0	78.3	79.7	79.0
PST-K13-137	KB	91.7	92.0	82.3	78.3	77.0	83.0	83.7	81.3
BLUE NOTE	KB	90.0	86.7	69.7	65.7	70.3	79.0	80.3	78.3
DAUNTLESS	KB	89.0	82.0	62.3	54.7	74.0	77.0	82.0	78.7
EVEREST	KB	87.3	89.0	79.7	68.7	70.3	79.7	75.7	80.7
BARRARI	KB	88.7	87.3	80.3	69.0	76.0	77.3	75.0	74.7
PST-K13-141	KB	90.0	86.7	77.3	71.7	81.0	83.3	82.3	77.0
PST-K11-118	KB	90.0	82.3	64.3	61.0	60.7	79.7	79.7	76.3
PST-K13-143	KB	79.0	71.0	56.7	62.7	76.3	81.7	81.3	80.7
PST-K15-169	KB	87.7	86.0	74.3	64.7	81.3	70.3	66.3	69.3
BABE	KB	88.7	81.3	67.3	58.3	67.3	71.0	67.3	65.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		86.7	85.3	73.7	62.3	77.7	61.7	53.3	53.7
LSD VALUE		4.8	6.4	10.7	21.1	23.2	14.2	13.5	17.2
C.V. (%)		3.1	4.4	8.4	12.6	12.2	9.1	9.9	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 12B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 25% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN							
		AUG 7	AUG 15	AUG 22	AUG 28	SEPT 4	SEPT 11	SEPT 18	SEPT 25
BAR PP 110358	KB	83.3	81.3	79.7	77.7	85.7	95.0	94.3	96.3
BLUE DEVIL	KB	75.0	69.3	73.7	76.0	87.0	94.3	93.7	96.3
MIDNIGHT	KB	74.0	68.7	73.0	75.7	85.7	93.7	92.3	96.0
NAI-13-132	KB	74.7	67.3	72.7	77.0	85.7	94.3	92.7	96.7
NAI-13-14	KB	75.3	65.7	72.7	74.3	84.3	93.3	91.7	95.3
PST-K13-137	KB	77.7	68.3	68.0	66.0	78.3	91.0	88.3	93.3
BLUE NOTE	KB	75.0	65.0	71.0	77.3	87.0	96.3	94.0	96.7
DAUNTLESS	KB	77.7	73.3	79.0	82.0	89.0	96.0	93.7	95.7
EVEREST	KB	73.7	64.7	71.0	73.7	84.0	94.7	91.7	95.7
BARRARI	KB	68.7	61.0	68.3	73.0	84.0	93.7	91.7	95.7
PST-K13-141	KB	75.3	67.7	65.7	65.0	78.7	90.3	86.7	92.0
PST-K11-118	KB	76.0	66.0	65.7	72.3	83.0	94.0	91.3	95.7
PST-K13-143	KB	76.7	68.0	70.0	74.0	84.0	93.3	90.0	92.0
PST-K15-169	KB	65.7	55.7	58.7	64.0	79.7	93.3	90.3	93.7
BABE	KB	62.7	62.7	65.0	71.7	80.7	92.3	88.7	92.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		50.0	51.3	60.7	67.3	84.3	94.3	92.7	95.0
LSD VALUE		14.7	15.5	16.8	15.1	10.3	5.3	7.8	6.0
C.V. (%)		10.7	11.5	10.6	9.1	5.1	2.3	3.5	2.5

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 12B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 25% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN							
		JUNE 12	JUNE 19	JUNE 26	JULY 2	JULY 11	JULY 17	JULY 24	JULY 31
BAR PP 110358	KB	9.0	8.7	7.3	6.7	6.7	8.3	8.3	8.0
BLUE DEVIL	KB	8.3	8.7	8.0	7.0	8.0	8.0	8.0	8.0
MIDNIGHT	KB	8.3	8.7	7.7	6.7	7.3	7.7	7.7	7.3
NAI-13-132	KB	8.3	8.3	7.7	6.7	7.3	7.7	7.7	7.7
NAI-13-14	KB	8.7	8.7	7.7	6.7	7.7	7.7	7.7	8.0
PST-K13-137	KB	8.7	8.7	8.0	8.0	7.3	8.0	8.0	8.0
BLUE NOTE	KB	8.3	8.3	7.0	6.7	7.0	7.7	7.7	7.7
DAUNTLESS	KB	8.3	8.0	6.3	5.7	7.3	7.7	7.7	8.0
EVEREST	KB	8.3	8.7	7.7	7.0	7.0	7.7	7.7	7.7
BARRARI	KB	8.7	8.7	7.7	7.0	7.3	7.7	7.3	7.3
PST-K13-141	KB	8.7	8.0	7.7	7.0	8.0	7.7	7.7	7.3
PST-K11-118	KB	8.7	8.0	6.3	6.0	6.3	7.7	7.7	7.3
PST-K13-143	KB	7.7	7.3	5.7	6.0	7.3	7.7	8.0	7.7
PST-K15-169	KB	8.3	8.3	7.0	6.7	8.0	7.3	6.7	7.0
BABE	KB	8.7	8.0	6.7	6.0	6.7	7.0	6.7	6.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		8.3	8.3	7.7	6.3	7.3	6.0	5.3	5.3
LSD VALUE		0.7	1.1	1.2	1.6	2.5	1.4	1.2	1.4
C.V. (%)		4.2	6.0	9.0	10.8	11.8	8.2	8.9	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 12B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 25% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN								
		AUG 7	AUG 15	AUG 22	AUG 28	SEPT 4	SEPT 11	SEPT 18	SEPT 25	MEAN
BAR PP 110358	KB	8.0	8.0	7.7	7.7	8.3	9.0	9.0	9.0	8.1
BLUE DEVIL	KB	7.7	7.0	7.3	7.3	8.3	9.0	9.0	9.0	8.0
MIDNIGHT	KB	7.7	7.0	7.3	7.7	8.0	9.0	9.0	9.0	7.9
NAI-13-132	KB	7.7	6.7	7.3	8.0	8.0	9.0	9.0	9.0	7.9
NAI-13-14	KB	7.3	6.7	7.0	7.3	8.0	9.0	8.7	9.0	7.9
PST-K13-137	KB	7.7	6.7	7.0	6.7	7.7	8.7	8.7	8.7	7.9
BLUE NOTE	KB	7.7	6.7	7.0	7.3	8.3	9.0	9.0	9.0	7.8
DAUNTLESS	KB	7.7	7.3	7.7	8.3	8.3	9.0	9.0	9.0	7.8
EVEREST	KB	7.3	6.3	7.0	7.3	8.3	9.0	8.7	9.0	7.8
BARRARI	KB	7.0	6.0	6.7	7.3	8.3	8.7	8.7	9.0	7.7
PST-K13-141	KB	7.3	6.7	6.3	6.7	7.7	8.7	8.3	8.7	7.6
PST-K11-118	KB	7.7	6.7	6.3	7.0	7.7	9.0	9.0	9.0	7.5
PST-K13-143	KB	7.3	6.7	7.0	7.3	8.3	9.0	8.7	8.7	7.5
PST-K15-169	KB	6.3	5.7	6.0	6.3	7.7	9.0	8.7	9.0	7.4
BABE	KB	6.3	6.3	6.7	7.3	8.0	9.0	8.3	9.0	7.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.3	5.0	6.3	6.7	8.3	9.0	9.0	9.0	7.1
LSD VALUE		1.4	1.7	2.0	1.7	1.0	0.7	1.0	0.7	0.8
C.V. (%)		9.9	12.2	11.2	9.7	4.9	2.6	4.2	2.8	4.5

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 KENTUCKY BLUEGRASS CULTIVARS WITH 75% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN							
		JUNE 12	JUNE 19	JUNE 26	JULY 2	JULY 11	JULY 17	JULY 24	JULY 31
MIDNIGHT	KB	91.0	93.0	88.3	88.3	78.0	92.0	94.0	93.3
NAI-13-14	KB	92.3	95.3	90.3	90.0	79.3	94.0	94.3	88.3
EVEREST	KB	88.0	92.7	88.3	83.7	74.3	91.3	91.0	90.3
PST-K13-141	KB	92.3	91.0	83.3	82.7	90.0	95.0	94.7	91.7
BAR PP 110358	KB	91.7	88.3	79.0	78.3	78.0	93.0	92.7	91.3
BLUE DEVIL	KB	88.3	90.3	80.7	80.0	74.3	86.3	89.7	88.7
NAI-13-132	KB	88.0	90.0	83.7	75.7	77.0	86.7	86.3	86.7
PST-K11-118	KB	93.7	86.3	70.3	72.3	92.7	88.0	88.3	87.3
BABE	KB	90.0	82.0	65.7	69.0	74.7	87.7	89.3	86.3
BARRARI	KB	88.7	88.0	82.7	78.0	77.3	81.7	80.0	78.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		95.0	96.0	87.7	77.7	87.0	76.7	72.0	72.0
DAUNTLESS	KB	88.0	78.7	62.0	62.0	85.0	81.3	85.7	87.7
PST-K13-137	KB	92.3	91.0	78.3	77.0	83.3	87.0	87.0	85.3
PST-K13-143	KB	85.7	72.3	48.0	58.7	81.7	82.7	88.3	83.7
PST-K15-169	KB	88.0	86.3	75.3	70.7	79.7	82.0	79.7	76.0
BLUE NOTE	KB	89.3	77.3	57.3	59.0	83.0	75.7	74.7	71.0
LSD VALUE		10.5	5.7	11.5	16.1	17.0	8.9	9.7	8.8
C.V. (%)		4.4	4.2	9.5	11.7	9.1	5.9	6.5	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 12C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 75% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN							
		AUG 7	AUG 15	AUG 22	AUG 28	SEPT 4	SEPT 11	SEPT 18	SEPT 25
MIDNIGHT	KB	95.0	92.3	93.7	93.3	94.7	97.3	97.0	98.3
NAI-13-14	KB	90.0	86.0	87.0	87.3	91.0	96.0	95.7	97.3
EVEREST	KB	91.7	88.0	89.0	89.7	93.3	96.3	95.7	96.7
PST-K13-141	KB	93.0	85.7	83.7	79.7	86.7	93.0	89.7	91.7
BAR PP 110358	KB	91.7	87.3	84.3	83.3	88.7	95.0	93.0	95.3
BLUE DEVIL	KB	90.3	87.7	85.0	86.7	90.0	94.3	93.3	96.0
NAI-13-132	KB	87.0	83.7	84.3	84.3	89.7	95.0	93.7	96.7
PST-K11-118	KB	87.3	84.7	85.7	89.0	93.3	97.3	96.3	97.7
BABE	KB	85.3	85.7	85.0	88.0	93.7	98.0	96.3	97.7
BARRARI	KB	79.3	79.7	79.3	82.7	89.7	95.3	94.0	95.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		75.0	76.7	80.0	85.7	92.3	98.0	96.0	97.3
DAUNTLESS	KB	89.0	86.0	84.0	83.3	89.7	95.0	92.7	95.0
PST-K13-137	KB	86.7	82.3	78.3	77.0	82.0	89.7	87.0	90.0
PST-K13-143	KB	85.7	81.3	83.0	85.3	89.7	95.7	93.0	93.0
PST-K15-169	KB	76.7	73.0	72.7	74.0	83.0	95.0	91.3	94.0
BLUE NOTE	KB	72.7	71.7	72.3	80.3	88.3	95.7	94.0	96.3
LSD VALUE		9.2	12.9	13.2	10.6	6.5	3.6	4.5	3.2
C.V. (%)		6.2	7.6	7.6	6.3	3.9	2.1	2.6	2.0

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

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

TABLE 12C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 75% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN							
		JUNE 12	JUNE 19	JUNE 26	JULY 2	JULY 11	JULY 17	JULY 24	JULY 31
MIDNIGHT	KB	8.7	8.7	8.3	8.3	7.7	9.0	9.0	9.0
NAI-13-14	KB	9.0	9.0	8.3	8.7	7.7	9.0	9.0	8.7
EVEREST	KB	8.3	8.7	8.3	8.3	7.3	8.7	8.7	8.7
PST-K13-141	KB	9.0	8.7	8.0	8.0	8.3	9.0	9.0	8.7
BAR PP 110358	KB	8.7	8.7	7.7	7.3	7.7	9.0	8.7	8.7
BLUE DEVIL	KB	8.3	8.7	8.3	7.7	7.3	8.7	8.3	8.3
NAI-13-132	KB	8.3	8.7	8.0	7.3	7.7	8.3	8.3	8.3
PST-K11-118	KB	8.7	8.3	6.7	7.0	9.0	8.3	8.7	8.3
BABE	KB	8.7	8.0	6.3	7.0	7.3	8.3	8.7	8.3
BARRARI	KB	8.3	8.3	8.0	8.0	7.7	8.0	8.0	8.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		9.0	9.0	8.7	7.7	8.7	7.3	7.3	7.0
DAUNTLESS	KB	8.7	7.7	6.3	6.0	8.0	8.0	8.3	8.7
PST-K13-137	KB	8.7	8.7	7.7	7.7	8.0	8.3	8.7	8.0
PST-K13-143	KB	8.3	7.0	4.7	6.0	7.7	8.0	8.7	8.3
PST-K15-169	KB	8.3	8.3	7.3	7.0	7.7	8.0	8.0	7.7
BLUE NOTE	KB	8.3	7.3	5.7	5.7	8.3	7.3	7.3	7.0
LSD VALUE		1.1	0.6	1.0	1.6	1.7	1.0	1.1	0.8
C.V. (%)		4.7	4.2	8.2	11.7	8.8	6.3	6.6	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 12C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 75% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN								
		AUG 7	AUG 15	AUG 22	AUG 28	SEPT 4	SEPT 11	SEPT 18	SEPT 25	MEAN
MIDNIGHT	KB	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.8
NAI-13-14	KB	8.7	8.3	8.3	8.7	8.7	9.0	9.0	9.0	8.7
EVEREST	KB	9.0	8.3	8.7	8.7	9.0	9.0	9.0	9.0	8.6
PST-K13-141	KB	9.0	8.3	8.0	8.0	8.3	9.0	8.3	9.0	8.5
BAR PP 110358	KB	8.7	8.3	8.3	8.3	8.3	9.0	8.7	9.0	8.4
BLUE DEVIL	KB	8.7	8.0	8.3	8.3	8.7	9.0	9.0	9.0	8.4
NAI-13-132	KB	8.3	8.3	8.3	8.3	8.7	9.0	9.0	9.0	8.4
PST-K11-118	KB	8.3	8.3	8.3	8.3	9.0	9.0	9.0	9.0	8.4
BABE	KB	8.7	8.3	8.3	8.7	8.7	9.0	9.0	9.0	8.3
BARRARI	KB	7.7	7.7	8.0	8.0	8.7	9.0	9.0	9.0	8.2
SR 4650 (P.RYEGRASS STANDARD ENTRY)		7.7	7.7	7.7	8.3	8.7	9.0	9.0	9.0	8.2
DAUNTLESS	KB	8.3	8.3	8.3	8.3	8.3	9.0	9.0	9.0	8.1
PST-K13-137	KB	8.3	8.0	7.7	7.7	8.0	8.3	8.3	8.3	8.1
PST-K13-143	KB	8.3	8.0	8.0	8.3	8.7	9.0	8.7	9.0	7.9
PST-K15-169	KB	7.3	7.3	7.3	7.3	8.0	9.0	8.7	9.0	7.9
BLUE NOTE	KB	7.0	7.3	7.0	7.7	8.7	9.0	9.0	9.0	7.6
LSD VALUE		0.9	1.3	1.4	1.0	1.2	0.3	0.6	0.3	0.5
C.V. (%)		6.2	6.9	7.9	5.9	5.3	1.6	3.3	1.6	3.3

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

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

TABLE 13A.

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 0% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN							
		JUNE 12	JUNE 19	JUNE 26	JULY 2	JULY 11	JULY 17	JULY 24	JULY 31
DLFPS 321/3677	TF	94.7	95.0	78.0	75.0	85.3	89.7	93.3	94.3
DLFPS 321/3678	TF	95.7	96.3	84.0	84.0	68.3	90.3	92.0	94.3
RS4	TF	95.0	95.0	77.7	78.0	72.3	91.3	95.0	95.3
SUPERSONIC	TF	94.0	93.0	84.0	80.0	76.0	89.3	91.0	91.7
GO-AOMK	TF	94.7	94.0	81.3	81.7	51.0	91.7	94.0	94.3
LTP-SYN-A3	TF	92.3	93.7	80.3	77.7	45.7	88.3	92.3	93.7
THOR	TF	93.0	93.7	79.0	77.7	61.7	88.7	91.3	92.7
TITANIUM 2LS	TF	93.0	90.7	73.7	71.7	74.3	87.3	92.0	93.0
CATALYST	TF	94.0	92.7	81.0	80.7	42.7	91.0	94.0	93.7
DLFPS 321/3679	TF	93.0	95.0	81.3	76.7	77.0	86.7	88.7	90.0
NONET	TF	92.3	91.3	78.3	74.3	87.7	84.7	87.7	89.3
PST-5SDS	TF	94.7	90.3	79.3	79.3	80.0	87.7	91.3	89.7
STETSON II	TF	94.7	93.7	83.3	79.0	66.7	86.0	88.3	89.3
THUNDERSTRUCK	TF	94.3	93.7	74.3	70.7	71.0	85.7	90.0	92.0
BAR FA 121095	TF	90.0	91.0	71.3	71.0	76.0	87.3	89.7	90.7
KINGDOM	TF	92.3	92.3	79.0	69.3	66.0	80.0	85.0	88.7
MRSL TF15	TF	93.0	92.3	68.0	61.7	81.0	77.7	84.3	89.0
PST-R511	TF	94.0	92.0	73.3	71.7	69.0	85.0	89.0	89.0
BARROBUSTO	TF	93.0	91.0	66.0	61.7	81.7	81.3	84.7	86.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		93.0	92.3	87.3	77.3	74.7	70.7	67.7	63.0
LSD VALUE		6.6	7.6	16.2	14.8	41.7	5.7	5.6	6.4
C.V. (%)		2.4	2.9	9.1	9.5	24.3	4.1	4.0	4.5

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 13A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 0% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN							
		AUG 7	AUG 15	AUG 22	AUG 28	SEPT 4	SEPT 11	SEPT 18	SEPT 25
DLFPS 321/3677	TF	95.0	92.0	92.0	92.7	96.0	98.3	97.7	98.3
DLFPS 321/3678	TF	93.3	92.0	92.3	93.7	97.0	98.7	98.7	99.0
RS4	TF	96.3	95.3	95.7	95.7	97.7	99.0	98.3	99.0
SUPERSONIC	TF	91.3	91.0	90.0	90.7	95.0	97.7	97.3	99.0
GO-AOMK	TF	95.0	92.0	90.0	91.7	94.3	98.0	97.0	98.0
LTP-SYN-A3	TF	94.3	93.3	93.3	94.3	96.7	98.3	98.0	99.0
THOR	TF	93.3	92.3	93.3	93.7	96.7	98.3	98.0	98.7
TITANIUM 2LS	TF	93.0	91.7	93.0	93.7	96.0	98.3	97.7	99.0
CATALYST	TF	95.0	93.0	93.7	94.0	96.7	98.0	97.3	98.3
DLFPS 321/3679	TF	89.3	89.0	88.3	91.3	95.3	97.7	97.3	98.3
NONET	TF	89.3	88.3	87.7	89.7	93.0	95.3	94.0	95.7
PST-5SDS	TF	90.3	86.0	84.0	87.7	93.0	96.7	95.7	98.0
STETSON II	TF	88.7	84.0	82.7	87.3	92.3	97.0	96.0	97.3
THUNDERSTRUCK	TF	92.3	88.7	89.7	89.7	94.3	98.0	96.7	98.0
BAR FA 121095	TF	89.7	86.0	85.3	86.7	92.3	96.7	96.0	97.3
KINGDOM	TF	90.0	88.7	89.3	91.3	94.3	97.3	96.3	97.7
MRSL TF15	TF	91.0	89.7	90.0	92.7	96.0	98.3	97.0	98.3
PST-R511	TF	88.3	84.7	86.3	88.0	94.7	98.0	98.7	98.7
BARROBUSTO	TF	87.7	85.3	87.0	87.3	93.7	97.3	96.7	98.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		46.0	51.3	65.0	78.3	89.7	97.3	96.3	97.3
LSD VALUE		6.3	7.9	8.7	7.5	4.4	1.9	1.2	1.2
C.V. (%)		4.6	5.8	5.8	4.4	2.3	1.0	0.8	0.7

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 TALL FESCUE CULTIVARS WITH 0% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN							
		JUNE 12	JUNE 19	JUNE 26	JULY 2	JULY 11	JULY 17	JULY 24	JULY 31
DLFPS 321/3677	TF	9.0	9.0	7.7	7.3	8.0	8.7	9.0	9.0
DLFPS 321/3678	TF	9.0	9.0	8.0	8.0	7.0	8.7	8.7	9.0
RS4	TF	9.0	9.0	7.7	7.7	7.0	8.7	9.0	9.0
SUPERSONIC	TF	9.0	9.0	8.3	7.7	7.7	8.3	8.7	9.0
GO-AOMK	TF	9.0	9.0	8.0	8.3	5.3	9.0	9.0	9.0
LTP-SYN-A3	TF	9.0	9.0	8.0	7.7	4.7	8.7	9.0	9.0
THOR	TF	9.0	9.0	8.0	7.7	6.3	8.7	8.7	9.0
TITANIUM 2LS	TF	9.0	8.3	7.0	7.0	7.7	8.7	9.0	9.0
CATALYST	TF	9.0	9.0	7.7	7.7	4.3	8.7	9.0	9.0
DLFPS 321/3679	TF	8.7	9.0	8.0	7.7	7.3	8.7	8.7	8.7
NONET	TF	9.0	8.7	7.7	7.3	8.7	8.0	8.3	8.7
PST-5SDS	TF	9.0	8.3	7.7	8.0	8.0	8.7	8.7	8.7
STETSON II	TF	9.0	9.0	8.0	7.7	7.0	8.3	8.7	8.7
THUNDERSTRUCK	TF	9.0	9.0	7.3	7.0	7.0	8.3	8.7	8.7
BAR FA 121095	TF	8.7	8.7	7.3	7.3	7.3	8.3	8.3	8.7
KINGDOM	TF	9.0	8.7	8.0	6.7	6.7	7.7	8.0	8.3
MRSL TF15	TF	9.0	8.7	6.7	6.3	8.0	7.7	8.3	8.7
PST-R511	TF	9.0	8.7	7.3	7.0	6.7	8.3	8.3	8.3
BARROBUSTO	TF	9.0	9.0	6.7	6.0	8.0	8.0	8.0	8.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		9.0	8.7	8.3	7.3	7.3	7.0	6.7	6.3
LSD VALUE		0.6	0.9	1.7	1.5	3.4	0.8	0.6	0.7
C.V. (%)		2.1	3.8	8.9	9.4	20.9	5.1	4.4	4.8

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

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

TABLE 13A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 0% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN								MEAN
		AUG 7	AUG 15	AUG 22	AUG 28	SEPT 4	SEPT 11	SEPT 18	SEPT 25	
DLFPS 321/3677	TF	9.0	9.0	9.0	9.0	9.0	9	9	9	8.7
DLFPS 321/3678	TF	9.0	9.0	9.0	9.0	9.0	9	9	9	8.7
RS4	TF	9.0	9.0	9.0	9.0	9.0	9	9	9	8.7
SUPERSONIC	TF	9.0	8.7	8.7	9.0	9.0	9	9	9	8.7
GO-AOMK	TF	9.0	8.7	8.7	8.7	9.0	9	9	9	8.6
LTP-SYN-A3	TF	9.0	9.0	9.0	9.0	9.0	9	9	9	8.6
THOR	TF	9.0	9.0	9.0	9.0	9.0	9	9	9	8.6
TITANIUM 2LS	TF	9.0	9.0	9.0	9.0	9.0	9	9	9	8.6
CATALYST	TF	9.0	8.7	9.0	9.0	9.0	9	9	9	8.5
DLFPS 321/3679	TF	8.3	8.3	8.3	8.7	9.0	9	9	9	8.5
NONET	TF	8.3	8.3	8.3	8.3	9.0	9	9	9	8.5
PST-5SDS	TF	8.7	8.3	8.0	8.3	9.0	9	9	9	8.5
STETSON II	TF	8.7	8.3	8.3	8.7	8.7	9	9	9	8.5
THUNDERSTRUCK	TF	8.7	8.7	8.7	8.7	9.0	9	9	9	8.5
BAR FA 121095	TF	8.7	8.3	8.3	8.3	8.7	9	9	9	8.4
KINGDOM	TF	8.7	8.7	8.3	9.0	9.0	9	9	9	8.4
MRSL TF15	TF	8.7	8.3	8.7	9.0	9.0	9	9	9	8.4
PST-R511	TF	8.3	8.3	8.3	8.3	9.0	9	9	9	8.3
BARROBUSTO	TF	8.3	8.0	8.3	8.3	9.0	9	9	9	8.2
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.0	5.0	6.7	7.7	8.7	9	9	9	7.5
LSD VALUE		0.7	0.9	1.1	0.7	0.6	0	0	0	0.3
C.V. (%)		5.2	6.4	6.6	4.4	2.4	0	0	0	2.4

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 13B.

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 25% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN							
		JUNE 12	JUNE 19	JUNE 26	JULY 2	JULY 11	JULY 17	JULY 24	JULY 31
RS4	TF	92.7	93.7	83.7	83.7	82.3	91.7	92.3	93.7
THOR	TF	94.3	94.7	84.3	82.7	84.7	88.0	92.3	94.3
DLFPS 321/3677	TF	96.3	97.0	87.3	85.3	75.3	90.3	91.0	92.3
CATALYST	TF	91.3	89.0	75.7	74.3	78.0	85.7	90.3	90.0
DLFPS 321/3678	TF	95.0	93.3	78.0	76.7	78.0	85.3	88.7	87.7
BARROBUSTO	TF	93.0	92.0	74.0	73.3	60.3	87.7	90.0	90.3
DLFPS 321/3679	TF	93.7	93.7	79.3	75.7	73.7	86.7	89.0	90.3
KINGDOM	TF	90.3	92.3	75.3	70.0	82.3	84.7	88.7	90.7
PST-5SDS	TF	92.3	91.7	75.3	75.7	67.7	86.7	89.0	90.7
THUNDERSTRUCK	TF	93.0	93.3	80.0	78.7	78.3	85.3	87.7	90.3
GO-AOMK	TF	92.3	90.7	76.0	75.3	69.3	85.3	85.7	87.7
NONET	TF	88.3	87.3	70.7	69.0	72.7	80.3	82.7	88.7
STETSON II	TF	90.3	89.7	75.0	71.7	81.3	85.7	88.7	88.7
TITANIUM 2LS	TF	88.3	89.3	68.3	70.3	65.3	84.7	90.7	92.3
BAR FA 121095	TF	91.7	91.7	71.0	64.7	59.3	83.7	88.0	91.0
LTP-SYN-A3	TF	92.7	91.0	79.7	78.7	56.7	86.3	88.0	90.0
SUPERSONIC	TF	93.3	90.0	74.3	72.3	62.0	85.0	87.0	88.0
PST-R511	TF	94.7	92.7	74.7	71.7	41.3	85.3	85.0	88.7
MRSL TF15	TF	88.7	88.0	65.0	53.7	73.0	76.0	79.3	83.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		86.7	85.3	73.7	62.3	77.7	61.7	53.3	53.7
LSD VALUE		9.0	9.0	11.1	14.4	48.2	8.4	8.4	6.1
C.V. (%)		3.9	4.1	7.5	10.4	24.4	5.9	6.1	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 13B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 25% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN							
		AUG 7	AUG 15	AUG 22	AUG 28	SEPT 4	SEPT 11	SEPT 18	SEPT 25
RS4	TF	94.0	93.3	94.0	95.7	97.7	98.3	98.3	98.7
THOR	TF	95.0	95.0	95.0	95.7	97.3	98.7	97.3	98.3
DLFPS 321/3677	TF	92.3	92.7	93.0	94.0	97.0	99.0	98.7	99.0
CATALYST	TF	92.0	92.0	92.7	93.7	96.3	98.0	97.7	98.7
DLFPS 321/3678	TF	91.3	92.0	91.7	92.3	96.0	98.0	98.0	98.7
BARROBUSTO	TF	91.0	92.3	90.7	92.0	95.3	98.3	97.3	98.0
DLFPS 321/3679	TF	91.3	90.0	90.3	93.0	96.7	98.7	98.0	98.7
KINGDOM	TF	91.0	90.0	89.7	92.0	94.7	98.3	96.7	97.7
PST-5SDS	TF	89.7	90.7	91.0	93.0	95.7	98.0	97.7	98.3
THUNDERSTRUCK	TF	89.3	88.3	90.0	91.3	95.0	98.7	97.3	98.3
GO-AOMK	TF	89.3	88.3	90.3	91.3	95.0	97.7	96.3	97.7
NONET	TF	90.7	90.7	90.7	92.3	94.7	96.7	95.7	97.0
STETSON II	TF	91.0	89.0	88.0	90.0	94.7	97.3	96.7	97.7
TITANIUM 2LS	TF	93.7	93.3	93.3	94.0	96.3	98.0	98.0	98.7
BAR FA 121095	TF	92.7	92.0	91.3	92.3	95.0	97.0	94.7	96.0
LTP-SYN-A3	TF	90.0	89.3	90.0	91.7	95.7	98.3	97.7	98.7
SUPERSONIC	TF	89.3	87.7	87.7	90.7	95.7	97.3	97.3	98.3
PST-R511	TF	88.7	89.3	91.0	92.0	96.0	97.7	97.7	98.3
MRSL TF15	TF	84.7	83.7	87.3	88.3	93.3	98.0	96.7	98.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		50.0	51.3	60.7	67.3	84.3	94.3	92.7	95.0
LSD VALUE		5.6	5.8	5.8	5.0	3.2	1.4	1.7	1.3
C.V. (%)		4.2	4.3	4.2	3.6	2.0	0.9	1.1	0.8

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 13B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 25% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN							
		JUNE 12	JUNE 19	JUNE 26	JULY 2	JULY 11	JULY 17	JULY 24	JULY 31
RS4	TF	9.0	8.7	8.3	8.3	8.0	9.0	8.7	9.0
THOR	TF	9.0	9.0	8.0	7.7	8.3	8.3	8.7	9.0
DLFPS 321/3677	TF	9.0	9.0	8.3	8.0	7.3	8.7	8.7	8.7
CATALYST	TF	8.7	8.7	7.7	7.7	7.7	8.0	8.7	8.7
DLFPS 321/3678	TF	9.0	9.0	7.7	7.7	7.7	8.3	8.7	8.3
BARROBUSTO	TF	9.0	9.0	7.7	7.3	6.0	8.7	8.7	8.7
DLFPS 321/3679	TF	9.0	9.0	7.7	7.7	7.0	8.3	8.3	8.3
KINGDOM	TF	8.7	8.7	7.7	7.0	8.0	8.3	8.3	8.7
PST-5SDS	TF	8.7	8.7	7.3	7.7	6.7	8.3	8.7	8.7
THUNDERSTRUCK	TF	9.0	9.0	7.7	8.0	7.3	8.3	8.3	8.7
GO-AOMK	TF	9.0	8.7	7.3	7.3	6.7	8.3	8.3	8.7
NONET	TF	8.7	8.3	7.3	7.0	7.3	8.0	8.0	8.3
STETSON II	TF	8.7	8.3	7.3	7.3	8.0	8.3	8.3	8.3
TITANIUM 2LS	TF	8.7	8.7	6.7	7.0	6.7	8.0	8.7	8.7
BAR FA 121095	TF	8.7	9.0	7.3	6.0	6.0	7.7	8.7	8.7
LTP-SYN-A3	TF	8.7	8.7	7.7	7.7	5.7	8.3	8.3	8.7
SUPERSONIC	TF	9.0	8.7	7.3	7.3	6.3	8.3	8.3	8.3
PST-R511	TF	9.0	8.7	7.3	7.3	4.0	8.3	8.3	8.3
MRSL TF15	TF	8.3	8.3	6.3	5.7	7.3	7.3	8.0	8.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		8.3	8.3	7.7	6.3	7.3	6.0	5.3	5.3
LSD VALUE		1.0	1.5	1.5	1.3	4.2	0.8	0.8	0.7
C.V. (%)		4.0	5.4	8.4	9.5	22.4	5.9	6.1	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 13B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 25% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN								
		AUG 7	AUG 15	AUG 22	AUG 28	SEPT 4	SEPT 11	SEPT 18	SEPT 25	MEAN
RS4	TF	8.7	8.7	8.7	9.0	9.0	9	9	9	8.8
THOR	TF	9.0	9.0	9.0	9.0	9.0	9	9	9	8.8
DLFPS 321/3677	TF	8.7	9.0	9.0	9.0	9.0	9	9	9	8.7
CATALYST	TF	8.7	8.7	9.0	9.0	9.0	9	9	9	8.6
DLFPS 321/3678	TF	8.7	9.0	8.7	8.7	9.0	9	9	9	8.6
BARROBUSTO	TF	8.7	8.7	8.7	8.7	9.0	9	9	9	8.5
DLFPS 321/3679	TF	8.3	8.3	8.7	9.0	9.0	9	9	9	8.5
KINGDOM	TF	8.7	8.7	8.7	8.7	9.0	9	9	9	8.5
PST-5SDS	TF	8.7	8.7	8.7	8.7	9.0	9	9	9	8.5
THUNDERSTRUCK	TF	8.3	8.7	8.7	8.7	9.0	9	9	9	8.5
GO-AOMK	TF	8.7	8.7	8.7	8.7	9.0	9	9	9	8.4
NONET	TF	8.7	8.7	8.7	8.7	9.0	9	9	9	8.4
STETSON II	TF	8.3	8.3	8.3	8.3	9.0	9	9	9	8.4
TITANIUM 2LS	TF	9.0	9.0	9.0	9.0	9.0	9	9	9	8.4
BAR FA 121095	TF	9.0	9.0	8.7	8.7	9.0	9	9	9	8.3
LTP-SYN-A3	TF	8.7	8.3	8.3	8.3	9.0	9	9	9	8.3
SUPERSONIC	TF	8.3	8.3	8.3	8.7	9.0	9	9	9	8.3
PST-R511	TF	8.3	8.3	8.7	8.7	9.0	9	9	9	8.2
MDSL TF15	TF	8.3	8.0	8.3	8.3	9.0	9	9	9	8.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.3	5.0	6.3	6.7	8.3	9	9	9	7.1
LSD VALUE		0.7	0.7	0.7	0.6	0.2	0	0	0	0.4
C.V. (%)		5.3	5.1	5.2	4.5	1.4	0	0	0	2.7

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

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

TABLE 13C.

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 75% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN							
		JUNE 12	JUNE 19	JUNE 26	JULY 2	JULY 11	JULY 17	JULY 24	JULY 31
LTP-SYN-A3	TF	93.7	93.3	82.7	82.7	89.3	93.7	95.7	95.7
DLFPS 321/3679	TF	93.7	92.0	81.3	82.7	86.7	91.7	94.3	94.3
RS4	TF	89.3	92.3	81.0	83.0	87.3	94.3	96.0	96.3
SUPERSONIC	TF	94.3	94.7	81.3	83.0	71.0	92.7	94.3	94.7
THUNDERSTRUCK	TF	93.0	93.7	82.3	82.7	85.7	93.0	95.7	95.0
BAR FA 121095	TF	90.0	93.7	74.0	78.7	78.0	93.0	95.3	95.3
BARROBUSTO	TF	92.3	91.0	78.3	79.7	86.3	90.7	93.3	94.0
DLFPS 321/3678	TF	93.7	94.0	77.7	76.7	67.0	93.0	95.0	96.0
NONET	TF	92.0	91.3	73.7	78.0	88.3	91.3	94.7	95.3
PST-5SDS	TF	93.0	94.0	82.7	85.3	84.0	91.7	93.0	93.3
TITANIUM 2LS	TF	95.3	96.7	85.0	88.7	69.0	94.0	95.0	94.0
DLFPS 321/3677	TF	92.0	91.0	75.0	73.7	86.0	90.3	91.7	93.0
GO-AOMK	TF	92.3	93.3	79.0	80.0	83.7	90.7	93.0	92.7
STETSON II	TF	86.3	95.7	84.7	85.3	56.7	93.3	94.7	94.0
THOR	TF	94.7	96.3	83.0	89.3	43.3	94.3	94.7	95.0
CATALYST	TF	89.7	88.7	71.7	74.7	69.7	88.7	91.3	92.7
MRSL TF15	TF	91.3	91.3	76.0	75.0	73.3	89.0	91.7	92.7
KINGDOM	TF	94.7	95.3	78.7	80.3	53.3	89.3	88.7	89.7
PST-R511	TF	94.3	87.7	68.7	71.3	86.7	86.3	83.7	83.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		95.0	96.0	87.7	77.7	87.0	76.7	72.0	72.0
LSD VALUE		9.6	6.8	20.7	19.7	49.1	6.6	8.4	8.7
C.V. (%)		3.8	3.3	9.6	9.2	25.2	4.1	5.2	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 13C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 75% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN							
		AUG 7	AUG 15	AUG 22	AUG 28	SEPT 4	SEPT 11	SEPT 18	SEPT 25
LTP-SYN-A3	TF	96.7	96.0	95.3	96.3	97.7	98.3	98.3	99.0
DLFPS 321/3679	TF	95.7	95.3	95.0	95.0	96.3	97.7	97.0	98.3
RS4	TF	97.3	96.7	97.0	97.7	98.3	99.0	98.7	99.0
SUPERSONIC	TF	95.0	94.3	94.0	95.3	97.3	98.3	98.3	98.7
THUNDERSTRUCK	TF	93.3	93.0	93.3	95.0	96.7	97.7	96.7	98.0
BAR FA 121095	TF	96.3	94.7	94.3	95.7	96.3	97.7	96.0	96.7
BARROBUSTO	TF	94.7	94.7	94.0	94.3	96.7	98.0	97.3	97.3
DLFPS 321/3678	TF	96.3	96.0	96.0	96.3	98.0	98.7	98.7	99.0
NONET	TF	94.7	94.0	92.7	94.7	96.3	97.3	95.7	96.7
PST-5SDS	TF	93.3	93.3	92.3	93.7	96.7	98.0	97.7	98.3
TITANIUM 2LS	TF	93.7	94.3	92.7	94.7	97.7	98.7	98.7	99.0
DLFPS 321/3677	TF	94.0	93.3	93.7	93.3	96.3	98.0	97.7	98.3
GO-AOMK	TF	94.7	93.0	91.7	91.7	94.3	96.3	95.0	96.3
STETSON II	TF	92.3	90.0	90.3	92.3	96.3	97.7	97.3	98.3
THOR	TF	95.7	95.7	95.3	95.7	97.7	98.3	98.7	98.7
CATALYST	TF	95.0	93.3	93.0	94.3	97.3	98.0	97.7	98.3
MRSL TF15	TF	94.7	93.0	93.3	93.3	96.7	98.0	97.3	98.0
KINGDOM	TF	89.7	91.0	90.3	91.0	94.3	96.7	96.0	98.0
PST-R511	TF	83.0	88.0	90.7	93.7	97.0	99.0	98.7	97.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		75.0	76.7	80.0	85.7	92.3	98.0	96.0	97.3
LSD VALUE		9.7	6.9	5.6	5.4	2.9	2.0	1.8	1.7
C.V. (%)		5.6	4.2	3.4	2.9	1.6	0.9	1.0	0.9

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 13C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 75% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN							
		JUNE 12	JUNE 19	JUNE 26	JULY 2	JULY 11	JULY 17	JULY 24	JULY 31
LTP-SYN-A3	TF	9.0	9.0	8.0	8.3	8.7	9.0	9.0	9.0
DLFPS 321/3679	TF	8.7	8.7	8.0	8.0	8.3	8.7	9.0	9.0
RS4	TF	8.3	8.7	8.3	8.3	8.3	9.0	9.0	9.0
SUPERSONIC	TF	9.0	9.0	8.0	8.0	7.0	9.0	9.0	9.0
THUNDERSTRUCK	TF	8.7	9.0	8.3	8.3	8.0	9.0	9.0	9.0
BAR FA 121095	TF	8.7	9.0	7.3	7.7	7.7	9.0	9.0	9.0
BARROBUSTO	TF	8.7	8.7	8.0	8.0	8.3	8.7	8.7	8.7
DLFPS 321/3678	TF	9.0	9.0	7.7	7.7	7.0	9.0	9.0	9.0
NONET	TF	8.7	8.7	7.3	7.7	8.3	8.7	9.0	9.0
PST-5SDS	TF	9.0	9.0	8.0	8.0	8.0	8.7	8.7	8.7
TITANIUM 2LS	TF	9.0	9.0	8.3	8.7	6.7	9.0	9.0	8.7
DLFPS 321/3677	TF	8.7	8.7	7.7	7.3	8.3	8.7	8.7	8.7
GO-AOMK	TF	9.0	9.0	7.3	7.7	8.0	8.7	8.7	8.7
STETSON II	TF	8.3	9.0	8.3	8.3	5.7	9.0	9.0	8.7
THOR	TF	9.0	9.0	7.7	8.7	4.7	9.0	9.0	9.0
CATALYST	TF	8.3	8.7	7.0	7.3	7.0	8.7	8.7	8.7
MRSL TF15	TF	8.7	8.7	7.7	7.3	7.0	8.7	8.7	8.7
KINGDOM	TF	9.0	9.0	7.7	8.0	5.3	8.3	8.3	8.3
PST-R511	TF	9.0	8.3	7.0	7.0	8.3	8.3	8.0	7.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		9.0	9.0	8.7	7.7	8.7	7.3	7.3	7.0
LSD VALUE		1.2	0.8	1.4	1.6	4.0	0.6	0.9	0.9
C.V. (%)		4.8	3.4	7.7	8.1	21.6	3.8	5.2	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 13C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 75% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT ST. PAUL, MN 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN								
		AUG 7	AUG 15	AUG 22	AUG 28	SEPT 4	SEPT 11	SEPT 18	SEPT 25	MEAN
LTP-SYN-A3	TF	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.9
DLFPS 321/3679	TF	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.8
RS4	TF	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.8
SUPERSONIC	TF	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.8
THUNDERSTRUCK	TF	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.8
BAR FA 121095	TF	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.7
BARROBUSTO	TF	8.7	9.0	8.7	8.7	9.0	9.0	9.0	9.0	8.7
DLFPS 321/3678	TF	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.7
NONET	TF	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.7
PST-5SDS	TF	8.7	8.7	8.7	8.7	9.0	9.0	9.0	9.0	8.7
TITANIUM 2LS	TF	8.7	8.7	8.7	9.0	9.0	9.0	9.0	9.0	8.7
DLFPS 321/3677	TF	9.0	9.0	9.0	8.7	9.0	9.0	9.0	9.0	8.6
GO-AOMK	TF	9.0	9.0	8.7	8.7	9.0	9.0	9.0	9.0	8.6
STETSON II	TF	8.7	8.7	8.7	8.7	9.0	9.0	9.0	9.0	8.6
THOR	TF	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.6
CATALYST	TF	9.0	9.0	8.7	9.0	9.0	9.0	9.0	9.0	8.5
MRSL TF15	TF	9.0	9.0	8.7	8.7	9.0	9.0	9.0	9.0	8.5
KINGDOM	TF	8.3	8.7	8.7	8.7	9.0	9.0	9.0	9.0	8.4
PST-R511	TF	7.7	8.3	8.7	9.0	9.0	9.0	9.0	9.0	8.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		7.7	7.7	7.7	8.3	8.7	9.0	9.0	9.0	8.2
LSD VALUE		0.9	0.8	0.6	0.8	0.4	0	0	0	0.3
C.V. (%)		5.1	4.3	3.8	3.4	1.4	0	0	0	2.1

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 WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/									
NAME		GENETIC		WINTER			PRE-DROUGHT QUALITY RATINGS			MAY 8	MAY 30
		COLOR	COLOR	DEC 12	FEB 12	MAR 12	MAR 26	APR 9	APR 23		
KINGDOM	TF	6.7	7.0	5.0	5.3	5.0	5.7	5.0	5.7	6.3	6.7
LTP-SYN-A3	TF	6.3	7.0	4.7	5.3	5.7	6.0	6.0	5.3	5.3	7.0
NONET	TF	5.7	5.0	4.7	4.3	5.3	5.0	5.0	5.3	5.3	6.3
PST-K11-118	KB	5.3	5.3	6.0	5.3	5.7	7.0	7.0	6.0	7.0	6.3
SUPERSONIC	TF	5.7	7.0	4.7	5.7	5.3	6.0	5.3	5.0	5.3	7.0
THUNDERSTRUCK	TF	6.0	5.7	5.0	5.7	5.0	6.0	5.7	6.0	5.7	6.3
BAR FA 121095	TF	7.0	6.3	4.0	4.0	5.0	5.3	5.0	5.0	6.0	7.0
CATALYST	TF	6.0	6.7	4.3	5.3	5.3	6.0	5.0	5.3	5.3	6.7
DLFPS 321/3677	TF	6.3	6.0	4.7	4.3	4.7	5.0	5.3	5.3	5.3	6.3
PST-R511	TF	6.0	6.7	4.7	5.3	5.3	5.7	5.7	5.3	5.7	6.7
BARRARI	KB	4.3	4.3	5.3	2.7	4.7	6.3	6.7	5.7	6.3	6.7
TITANIUM 2LS	TF	5.3	6.7	4.7	5.7	5.7	5.3	5.3	5.0	5.0	6.7
BABE	KB	5.3	6.3	6.0	5.7	5.7	6.7	5.7	5.7	6.3	6.0
BARROBUSTO	TF	5.7	5.0	5.0	4.3	4.7	5.0	4.0	4.7	5.0	5.7
GO-AOMK	TF	7.3	5.7	3.3	3.3	5.3	5.0	5.0	5.7	5.3	6.7
NAI-13-132	KB	6.3	4.3	5.0	3.7	3.3	5.3	5.7	6.0	6.3	6.7
PST-K13-141	KB	7.3	3.7	3.7	3.3	3.7	5.0	5.3	5.3	6.0	7.0
RS4	TF	5.7	5.3	4.3	4.7	5.0	5.7	5.7	5.7	5.7	6.7
STETSON II	TF	5.7	5.3	3.7	4.0	5.0	5.7	5.3	5.0	6.0	6.7
BAR PP 110358	KB	3.7	5.0	6.0	4.3	5.7	6.7	6.3	5.3	6.3	6.0
BLUE NOTE	KB	5.3	6.0	5.3	3.7	5.0	6.7	6.3	5.7	6.7	6.7
DAUNTLESS	KB	5.0	6.0	6.3	4.7	5.0	6.0	6.0	5.7	6.0	6.3
DLFPS 321/3679	TF	6.3	5.7	4.0	4.7	4.7	5.3	4.7	5.0	6.0	7.0
MRSL TF15	TF	6.7	7.3	5.0	5.0	4.7	5.0	5.0	5.0	5.0	6.3
PST-K13-143	KB	6.3	5.7	5.7	4.3	5.7	6.0	5.7	5.3	6.3	6.3
BLUE DEVIL	KB	6.7	3.7	5.3	2.7	4.0	5.3	6.0	5.7	6.3	6.7
DLFPS 321/3678	TF	5.7	6.7	4.0	4.3	4.3	5.3	5.0	5.3	5.3	6.3
MIDNIGHT	KB	7.3	4.3	4.3	3.7	4.3	6.0	4.7	5.0	6.0	6.0
PST-5SDS	TF	6.0	5.0	4.3	4.0	4.3	5.0	4.7	5.0	5.7	6.3
PST-K15-169	KB	7.3	5.0	4.3	3.3	3.7	5.7	5.7	5.7	6.3	6.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.3	6.3	5.0	3.0	4.0	4.7	4.7	5.0	5.3	5.3
EVEREST	KB	6.3	3.7	6.0	4.7	4.3	5.0	5.7	5.3	6.3	6.3
NAI-13-14	KB	6.0	3.7	5.0	4.0	4.0	5.0	5.3	5.3	6.0	6.0
PST-K13-137	KB	7.3	6.0	6.3	4.0	4.7	5.3	5.3	5.7	6.0	6.3
THOR	TF	6.3	4.3	4.3	4.0	4.3	5.0	4.7	5.0	5.3	5.7
LSD VALUE		3.0	3.7	3.1	2.6	3.8	3.1	2.7	2.8	2.4	2.9
C.V. (%)		19.3	26.7	23.4	26.1	23.4	17.4	18.1	13.0	13.9	12.0

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

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

TABLE 14A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN									
		JUNE 6	JUNE 13	JUNE 20	JUNE 27	JULY 3	JULY 11	JULY 18	JULY 25	AUG 1	AUG 8
KINGDOM	TF	6.7	5.0	6.7	5.0	5.7	5.0	2.7	3.0	3.3	2.0
LTP-SYN-A3	TF	6.0	5.7	6.0	5.3	5.3	4.7	1.7	2.3	4.0	2.3
NONET	TF	5.7	5.0	6.0	4.7	5.3	5.0	2.7	3.0	4.0	2.0
PST-K11-118	KB	5.0	6.0	6.0	5.0	5.0	4.3	2.0	2.3	3.3	1.7
SUPERSONIC	TF	6.7	5.7	6.7	4.7	5.0	4.7	2.7	2.3	3.7	2.0
THUNDERSTRUCK	TF	6.7	5.0	7.0	5.7	5.7	4.7	2.3	2.7	3.3	2.3
BAR FA 121095	TF	6.3	5.7	6.7	5.3	5.3	4.7	1.7	2.3	3.7	2.3
CATALYST	TF	6.0	5.0	6.3	4.7	5.0	4.7	1.7	2.0	3.3	2.0
DLFPS 321/3677	TF	6.0	5.3	6.7	5.7	5.3	4.7	2.3	2.3	3.0	2.0
PST-R511	TF	6.3	5.3	6.3	4.7	5.0	5.0	2.0	2.7	3.7	2.0
BARRARI	KB	5.7	4.0	4.3	4.0	5.0	4.0	1.3	2.7	4.0	2.0
TITANIUM 2LS	TF	5.7	4.3	5.7	5.0	5.0	4.3	2.3	2.7	3.3	2.0
BABE	KB	5.3	3.7	4.3	3.7	4.7	4.3	1.3	2.3	3.0	2.0
BARROBUSTO	TF	5.7	4.3	5.7	4.0	4.7	4.0	2.7	3.0	3.7	2.0
GO-AOMK	TF	6.0	5.0	6.7	4.3	5.0	4.7	1.7	2.3	3.3	2.0
NAI-13-132	KB	5.7	4.7	5.7	4.7	5.0	3.7	1.3	2.3	3.3	2.0
PST-K13-141	KB	6.7	4.7	6.3	4.7	5.0	3.7	1.0	2.0	3.3	2.0
RS4	TF	6.0	4.0	6.0	5.0	5.0	4.7	1.3	2.7	3.3	2.0
STETSON II	TF	5.7	5.0	6.7	4.7	4.7	3.3	1.3	2.3	3.3	2.0
BAR PP 110358	KB	5.0	4.3	5.0	4.3	5.0	4.0	1.0	1.3	3.3	1.3
BLUE NOTE	KB	5.3	4.7	5.0	4.0	5.0	4.0	1.0	1.7	3.3	1.7
DAUNTLESS	KB	5.3	3.7	5.3	3.7	4.7	4.0	1.0	2.0	3.3	1.7
DLFPS 321/3679	TF	6.7	5.3	6.7	5.3	5.0	4.3	1.3	1.7	3.0	2.0
MRSL TF15	TF	6.0	4.0	5.3	4.7	5.0	4.3	1.7	2.0	3.3	2.0
PST-K13-143	KB	5.0	4.3	5.0	4.3	5.0	4.0	1.3	2.0	3.3	1.3
BLUE DEVIL	KB	6.3	3.7	4.7	4.0	4.7	3.7	1.0	2.3	3.3	2.0
DLFPS 321/3678	TF	5.3	4.7	6.3	4.7	4.7	4.3	1.3	2.7	3.0	2.0
MIDNIGHT	KB	5.7	4.0	5.3	3.7	4.7	3.7	1.0	2.0	3.3	2.0
PST-5SDS	TF	5.3	4.7	5.7	4.3	5.0	4.7	2.0	2.3	3.3	2.0
PST-K15-169	KB	5.7	3.7	5.3	3.7	5.0	4.3	1.3	2.3	4.0	2.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.0	4.7	5.0	4.3	5.0	4.3	1.3	2.0	3.3	2.3
EVEREST	KB	5.3	4.0	5.0	4.0	4.7	3.7	1.0	1.7	3.0	2.0
NAI-13-14	KB	5.7	5.0	6.0	4.3	5.0	3.7	1.3	1.7	3.0	1.7
PST-K13-137	KB	5.0	3.7	4.3	4.0	4.3	4.0	1.0	1.7	3.0	1.7
THOR	TF	5.7	4.0	5.3	3.7	4.3	3.7	1.0	2.0	3.0	2.0
LSD VALUE		2.0	7.2	4.4	3.5	2.4	2.2	1.9	2.9	1.5	0.7
C.V. (%)		13.3	34.6	23.1	22.6	12.2	17.1	49.0	34.6	14.4	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 14A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN											MEAN
		AUG 15	AUG 22	AUG 29	SEPT 5	SEPT 12	SEPT 19	SEPT 26	OCT 10	OCT 23	NOV 7	DEC 13	
KINGDOM	TF	3.7	1.0	1.3	2.7	3.0	3.3	3.3	3.7	5.3	5.3	5.0	4.4
LTP-SYN-A3	TF	3.3	1.0	1.0	2.0	2.0	2.7	3.0	4.0	5.0	4.3	4.3	4.2
NONET	TF	3.7	1.0	1.3	2.7	2.3	3.3	3.3	4.0	5.3	4.7	5.0	4.2
PST-K11-118	KB	3.0	1.0	1.0	1.3	2.3	2.7	2.7	3.0	4.3	4.3	4.3	4.2
SUPERSONIC	TF	3.0	1.0	2.0	1.7	2.3	2.7	3.0	4.3	5.0	4.7	4.3	4.2
THUNDERSTRUCK	TF	3.3	1.0	1.7	2.0	2.7	2.7	3.0	3.3	4.7	3.7	4.0	4.2
BAR FA 121095	TF	3.3	1.0	1.7	2.3	2.7	3.0	3.0	4.0	5.0	4.0	4.3	4.1
CATALYST	TF	3.0	1.0	2.0	2.7	2.3	2.7	2.7	4.0	5.0	4.3	4.7	4.1
DLFPS 321/3677	TF	3.3	1.0	1.3	2.0	2.3	3.0	3.3	4.3	5.0	4.3	4.7	4.1
PST-R511	TF	2.7	1.0	1.3	1.7	2.7	3.0	3.0	4.0	5.0	4.3	4.3	4.1
BARRARI	KB	3.0	1.0	1.3	2.0	2.7	2.7	3.0	4.3	5.0	4.7	4.7	4.0
TITANIUM 2LS	TF	3.0	1.0	1.3	2.0	2.0	2.3	2.7	4.0	4.7	3.7	4.3	4.0
BABE	KB	3.3	1.3	1.7	1.7	2.0	2.3	2.3	3.0	4.7	4.3	4.0	3.9
BARROBUSTO	TF	3.3	1.3	1.7	2.0	2.3	3.0	3.0	3.3	5.0	4.7	4.0	3.9
GO-AOMK	TF	3.3	1.0	1.3	2.0	2.3	3.0	2.7	4.0	5.0	4.3	4.3	3.9
NAI-13-132	KB	2.7	1.3	1.3	2.0	2.3	2.7	3.0	3.7	4.7	4.3	4.0	3.9
PST-K13-141	KB	3.3	1.0	1.3	2.0	2.7	2.7	3.0	3.7	5.0	4.3	4.7	3.9
RS4	TF	3.0	1.0	1.3	2.0	2.0	2.3	2.3	3.7	4.7	3.3	3.7	3.9
STETSON II	TF	3.0	1.0	1.7	2.0	2.0	2.3	3.0	3.7	5.0	4.0	4.0	3.9
BAR PP 110358	KB	2.3	1.0	1.3	1.3	2.3	2.0	2.0	4.3	4.3	4.0	4.0	3.8
BLUE NOTE	KB	3.3	1.0	1.7	2.0	2.3	2.3	2.3	3.3	4.0	3.7	3.7	3.8
DAUNTLESS	KB	3.0	1.0	1.3	1.7	1.7	2.3	2.3	3.3	4.0	4.0	3.7	3.8
DLFPS 321/3679	TF	3.0	1.0	1.0	1.7	1.7	2.0	2.7	3.3	3.7	3.3	3.0	3.8
MRSL TF15	TF	3.3	1.0	1.3	2.0	2.3	2.0	2.3	3.7	5.0	3.7	4.3	3.8
PST-K13-143	KB	2.7	1.0	1.7	2.0	2.0	2.7	2.7	4.0	4.0	3.7	3.3	3.8
BLUE DEVIL	KB	3.0	1.0	1.3	1.7	2.3	1.7	2.7	3.7	4.0	3.7	3.7	3.7
DLFPS 321/3678	TF	2.7	1.0	1.0	1.7	2.0	2.3	2.3	4.0	4.3	4.0	4.0	3.7
MIDNIGHT	KB	3.0	1.0	1.7	2.3	2.7	2.7	2.7	3.7	4.7	4.0	4.3	3.7
PST-5SDS	TF	3.0	1.0	1.0	1.7	2.0	2.3	2.3	3.3	5.0	4.0	4.0	3.7
PST-K15-169	KB	2.7	1.0	1.7	2.0	2.3	2.0	2.7	4.0	4.3	3.3	4.0	3.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		2.7	1.3	1.3	2.0	2.0	2.7	2.3	4.3	5.0	4.7	4.7	3.7
EVEREST	KB	2.7	1.3	1.3	1.3	2.0	2.0	2.0	3.0	3.7	3.7	3.3	3.6
NAI-13-14	KB	2.7	1.0	1.0	1.3	1.7	1.7	2.0	4.0	4.3	3.7	3.7	3.6
PST-K13-137	KB	2.7	1.0	1.3	1.7	2.0	2.3	2.3	3.3	4.3	4.0	4.0	3.6
THOR	TF	3.0	1.0	1.0	1.3	2.0	2.3	2.3	3.3	4.0	3.3	3.3	3.4
LSD VALUE		1.5	0.8	2.5	2.8	1.8	2.2	2.3	2.9	1.9	2.8	3.1	1.6
C.V. (%)		16.7	20.7	42.4	37.7	24.2	27.2	25.2	20.6	14.9	20.2	21.2	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 14A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		PRE-DROUGHT PERCENT GREEN COVER							
		DEC 12	FEB 12	MAR 12	MAR 26	APR 9	APR 23	MAY 8	MAY 30
KINGDOM	TF	75.0	61.0	79.0	93.7	95.0	94.3	89.3	94.0
LTP-SYN-A3	TF	74.3	66.3	82.0	95.0	95.3	96.0	89.3	95.0
NONET	TF	71.3	53.7	70.7	85.7	90.3	94.3	84.7	93.0
PST-K11-118	KB	85.3	70.0	82.3	96.0	95.3	91.7	89.3	94.0
SUPERSONIC	TF	72.3	65.3	84.3	94.0	93.0	93.3	81.3	92.7
THUNDERSTRUCK	TF	75.3	63.7	72.7	86.3	92.3	95.0	69.7	92.0
BAR FA 121095	TF	66.7	47.7	68.3	90.3	94.0	95.0	88.0	94.7
CATALYST	TF	71.7	62.7	82.0	93.7	95.3	95.0	85.3	94.3
DLFPS 321/3677	TF	71.7	56.7	75.3	91.3	93.3	95.3	88.7	94.3
PST-R511	TF	75.7	71.3	86.0	96.3	96.0	95.7	91.7	94.3
BARRARI	KB	78.3	35.7	45.7	89.3	96.7	94.7	90.0	94.7
TITANIUM 2LS	TF	75.7	68.3	81.7	93.0	86.3	88.3	72.7	86.0
BABE	KB	84.0	60.7	80.7	95.0	95.7	90.7	83.7	93.0
BARROBUSTO	TF	72.3	57.0	69.0	81.3	88.7	91.0	79.0	90.3
GO-AOMK	TF	58.7	43.0	61.3	86.3	91.7	93.0	82.0	91.3
NAI-13-132	KB	74.0	41.3	35.0	78.0	88.3	93.0	77.3	92.7
PST-K13-141	KB	61.3	40.0	38.7	74.0	82.7	81.3	82.7	94.3
RS4	TF	71.3	58.0	73.7	88.7	92.7	93.3	69.7	92.0
STETSON II	TF	63.7	51.0	64.3	84.7	91.0	85.3	76.7	89.7
BAR PP 110358	KB	86.3	49.3	73.7	94.3	96.0	92.0	95.0	94.3
BLUE NOTE	KB	74.3	42.7	58.7	95.0	94.0	94.0	92.0	94.0
DAUNTLESS	KB	85.7	56.7	68.0	94.0	95.3	95.7	88.3	93.3
DLFPS 321/3679	TF	68.7	52.7	71.0	87.3	91.7	89.7	82.3	94.7
MRSI TF15	TF	73.3	62.0	76.7	91.7	90.7	91.0	78.7	91.7
PST-K13-143	KB	79.3	50.0	75.7	89.0	92.7	92.3	87.3	92.0
BLUE DEVIL	KB	79.0	33.7	34.0	79.7	94.0	95.3	82.7	92.3
DLFPS 321/3678	TF	67.0	57.7	78.0	91.3	94.3	94.0	68.3	92.0
MIDNIGHT	KB	67.7	45.3	48.7	79.3	90.7	92.0	91.7	94.0
PST-5SDS	TF	69.3	51.0	66.7	84.7	93.3	95.0	90.0	94.0
PST-K15-169	KB	68.0	35.7	35.3	79.3	92.7	95.3	88.7	92.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		77.0	39.3	53.7	90.7	96.0	95.3	85.0	93.3
EVEREST	KB	81.3	52.7	44.3	75.7	87.7	90.0	79.0	90.7
NAI-13-14	KB	74.0	48.3	45.3	71.3	85.0	87.3	66.3	89.0
PST-K13-137	KB	82.7	45.3	55.7	85.3	93.0	95.7	86.3	92.0
THOR	TF	67.0	50.0	60.7	76.3	89.0	93.3	82.3	92.7
LSD VALUE		22.8	21.9	26.5	20.7	14.1	20.0	35.3	14.3
C.V. (%)		12.6	21.5	23.2	10.4	5.5	6.2	14.0	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 14A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN									
		JUN 6	JUN 13	JUN 20	JUN 27	JUL 3	JUL 11	JUL 18	JUL 25	AUG 1	AUG 8
KINGDOM	TF	92.3	89.7	76.0	81.3	58.7	37.7	11.7	12.0	14.7	15.7
LTP-SYN-A3	TF	94.0	92.7	80.3	82.0	52.7	29.3	1.3	2.3	15.7	18.7
NONET	TF	92.0	73.7	62.3	72.0	54.7	36.7	21.3	22.7	21.0	16.3
PST-K11-118	KB	91.7	84.7	69.0	62.7	28.3	18.7	1.0	1.7	4.0	1.3
SUPERSONIC	TF	91.0	90.3	82.3	60.7	24.0	21.3	3.7	6.7	9.7	15.3
THUNDERSTRUCK	TF	91.0	72.7	72.3	59.0	29.0	19.3	2.7	6.7	11.0	13.0
BAR FA 121095	TF	93.0	91.0	83.3	84.3	49.0	29.3	3.0	4.3	18.7	22.0
CATALYST	TF	93.0	86.7	76.0	76.7	49.3	22.3	2.3	4.0	9.7	17.0
DLFPS 321/3677	TF	93.7	94.0	83.3	82.7	56.7	36.0	5.3	8.0	11.7	9.0
PST-R511	TF	92.7	90.3	83.0	78.3	45.7	33.0	6.0	7.3	19.0	13.7
BARRARI	KB	88.0	54.0	46.0	31.7	14.0	5.3	0.7	4.0	10.0	4.3
TITANIUM 2LS	TF	68.7	61.0	56.7	62.0	53.3	38.3	14.0	17.7	21.7	19.0
BABE	KB	88.0	38.7	43.3	45.7	32.0	21.0	1.3	4.0	21.0	26.7
BARROBUSTO	TF	86.0	67.0	59.0	42.7	18.0	17.0	6.0	12.3	22.7	24.3
GO-AOMK	TF	89.7	87.7	81.7	79.0	49.7	21.0	3.7	3.7	15.7	15.7
NAI-13-132	KB	87.3	72.0	65.3	67.7	22.3	7.3	0.7	3.3	6.0	4.3
PST-K13-141	KB	92.0	70.0	59.3	57.7	35.0	15.0	2.0	4.3	17.0	15.3
RS4	TF	90.7	57.7	52.3	57.3	31.7	12.7	1.7	3.3	14.0	14.0
STETSON II	TF	87.3	90.3	83.7	63.3	29.7	19.7	3.3	3.7	12.0	9.3
BAR PP 110358	KB	94.7	58.0	53.0	57.3	34.0	5.7	0.0	0.0	6.3	6.7
BLUE NOTE	KB	90.0	51.0	41.0	40.3	14.7	5.0	0.0	0.3	9.0	11.0
DAUNTLESS	KB	85.3	53.3	51.0	33.3	4.0	2.0	0.3	0.7	7.3	3.7
DLFPS 321/3679	TF	93.7	87.7	76.3	68.0	23.3	13.0	0.7	1.0	3.7	7.0
MRSL TF15	TF	75.7	41.7	36.0	49.7	53.7	31.0	1.3	3.3	11.0	16.3
PST-K13-143	KB	86.0	49.3	47.7	48.7	17.0	14.0	1.7	3.0	10.3	12.3
BLUE DEVIL	KB	85.7	48.7	44.3	44.0	17.7	5.0	0.3	1.3	6.7	5.3
DLFPS 321/3678	TF	90.3	81.3	74.3	53.7	20.7	12.0	1.0	3.7	6.0	7.3
MIDNIGHT	KB	91.0	60.3	43.0	49.0	26.0	12.3	0.3	3.0	17.0	18.7
PST-5SDS	TF	92.7	73.7	69.0	58.3	26.7	14.3	3.0	3.3	10.0	13.0
PST-K15-169	KB	83.3	56.7	46.3	47.0	33.0	16.7	2.0	3.3	10.7	15.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		91.3	78.0	72.0	72.7	38.3	18.3	2.3	3.3	10.0	14.0
EVEREST	KB	86.7	57.3	54.3	42.7	11.7	3.3	0.3	0.7	8.3	5.0
NAI-13-14	KB	85.7	79.7	76.3	56.7	15.3	5.7	0.0	0.7	6.3	3.3
PST-K13-137	KB	84.0	39.0	35.0	34.7	27.7	15.0	0.3	0.7	2.7	2.0
THOR	TF	90.7	67.7	67.0	45.7	5.3	5.0	0.0	1.0	6.3	9.0
LSD VALUE		38.3	94.6	87.7	79.4	82.6	79.0	24.8	24.4	15.9	23.3
C.V. (%)		11.4	41.3	42.1	42.7	82.0	117.2	250.0	171.3	61.0	75.1

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.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN					PERCENT GREEN COVER DURING RECOVERY PERIOD					
		AUG 15	AUG 22	AUG 29	SEP 5	SEP 12	SEP 19	SEP 26	OCT 10	OCT 23	NOV 7	DEC 13
KINGDOM	TF	7.0	1.3	1.3	5.3	9.0	27.0	37.0	90.0	94.0	77.3	64.0
LTP-SYN-A3	TF	11.0	0.7	1.7	7.0	9.3	28.7	36.7	85.7	88.0	74.0	61.3
NONET	TF	9.7	0.3	0.7	3.3	9.0	27.3	34.7	82.0	88.3	72.0	55.0
PST-K11-118	KB	0.3	0.0	0.3	3.0	3.7	10.7	15.0	62.7	57.7	57.7	66.0
SUPERSONIC	TF	14.0	0.7	2.0	8.3	14.0	36.0	41.7	75.0	88.0	71.7	58.3
THUNDERSTRUCK	TF	6.0	0.3	1.0	3.0	7.0	21.0	31.7	72.0	66.0	59.7	62.7
BAR FA 121095	TF	16.3	1.0	1.3	8.0	16.0	40.3	50.7	84.7	91.7	79.3	60.3
CATALYST	TF	14.7	1.3	1.7	6.0	8.7	22.0	25.3	69.7	83.7	75.7	67.3
DLFPS 321/3677	TF	4.0	0.3	1.3	5.7	10.7	29.3	40.7	81.3	91.7	72.7	55.0
PST-R511	TF	11.7	0.3	0.7	4.7	10.0	28.7	46.3	76.7	85.0	68.3	60.0
BARRARI	KB	2.0	0.3	0.3	4.0	7.0	14.0	23.0	80.0	82.0	67.0	73.7
TITANIUM 2LS	TF	9.3	0.7	2.0	4.7	9.3	23.7	32.3	68.7	76.7	71.0	59.0
BABE	KB	9.0	1.0	2.7	8.7	13.0	27.3	40.3	69.0	78.3	73.0	69.7
BARROBUSTO	TF	15.7	2.0	4.7	13.7	14.7	32.3	43.3	78.0	84.0	75.7	61.7
GO-AOMK	TF	12.0	0.3	1.3	7.3	15.7	35.0	43.0	78.0	87.7	75.7	54.7
NAI-13-132	KB	4.3	0.7	1.0	7.0	3.7	12.3	18.7	54.3	66.7	51.3	59.0
PST-K13-141	KB	4.3	0.3	1.3	5.0	8.3	28.0	29.7	77.7	76.7	61.0	63.0
RS4	TF	12.7	1.7	2.7	6.3	11.3	22.3	30.0	67.3	76.0	63.7	53.0
STETSON II	TF	6.7	1.3	3.0	8.7	12.0	26.7	35.3	75.7	79.7	72.7	61.3
BAR PP 110358	KB	0.7	0.0	0.0	2.7	5.3	13.7	14.7	64.3	73.7	62.0	58.0
BLUE NOTE	KB	1.3	0.0	0.3	3.0	5.3	10.7	15.3	52.3	62.7	60.0	57.0
DAUNTLESS	KB	1.0	0.0	0.7	2.7	5.3	11.3	20.7	49.3	54.3	56.7	55.3
DLFPS 321/3679	TF	3.0	0.0	0.3	1.7	4.0	13.3	13.3	41.7	53.7	47.7	37.0
MRSL TF15	TF	13.3	1.0	2.7	6.7	10.0	24.0	34.0	75.7	84.3	74.0	55.7
PST-K13-143	KB	3.0	0.3	1.7	7.3	9.3	24.3	40.0	59.7	59.3	52.3	53.3
BLUE DEVIL	KB	1.3	0.3	0.7	3.0	5.0	13.7	17.3	65.3	70.7	65.3	53.7
DLFPS 321/3678	TF	5.0	0.3	1.0	2.7	4.7	14.0	21.0	52.7	69.0	63.3	56.7
MIDNIGHT	KB	6.3	0.7	2.0	7.7	8.0	18.7	34.3	76.7	83.0	63.7	59.3
PST-5SDS	TF	2.7	0.3	1.3	3.0	6.0	17.3	24.0	76.7	83.0	71.3	57.0
PST-K15-169	KB	4.7	0.7	2.3	2.7	6.0	7.3	13.3	57.0	66.7	55.0	47.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		11.0	1.0	2.3	9.0	15.0	34.0	40.7	79.7	87.3	82.0	75.3
EVEREST	KB	2.3	0.3	1.0	5.7	10.7	23.3	26.0	42.0	53.7	55.0	54.7
NAI-13-14	KB	0.7	0.0	0.3	1.3	1.3	5.0	7.0	40.7	56.7	58.3	57.0
PST-K13-137	KB	0.3	0.0	0.7	3.0	3.3	10.0	12.7	52.7	64.3	56.0	59.0
THOR	TF	6.7	0.3	0.7	3.0	5.0	17.7	27.0	51.7	69.7	58.7	55.0
LSD VALUE		13.1	2.7	5.2	14.4	18.6	35.1	40.8	58.2	42.9	48.3	40.1
C.V. (%)		91.5	148.7	116.3	85.0	72.5	61.1	55.2	30.5	22.7	22.8	20.4

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

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

TABLE 14B.

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		GENETIC		WINTER			PRE-DROUGHT QUALITY RATINGS				
		COLOR	COLOR	DEC 12	FEB 12	MAR 12	MAR 26	APR 9	APR 23	MAY 8	MAY 30
GO-AOMK	TF	8.0	7.3	4.3	5.0	6.7	7.7	7.7	7.3	7.7	9.0
DLFPS 321/3678	TF	7.7	7.0	4.3	5.3	6.3	8.0	7.0	7.0	7.3	8.3
PST-5SDS	TF	5.3	6.0	4.3	5.3	6.7	7.0	6.7	6.7	6.7	8.3
BARROBUSTO	TF	6.0	5.7	4.3	4.7	6.7	6.7	7.0	6.7	6.7	8.0
DLFPS 321/3677	TF	8.0	6.7	4.7	5.7	7.0	8.0	7.3	6.7	6.7	8.3
STETSON II	TF	6.7	6.0	4.3	5.3	7.0	8.0	7.3	7.0	7.3	8.0
SUPERSONIC	TF	6.7	6.7	4.7	5.0	6.3	7.3	7.3	7.3	6.3	8.0
LTP-SYN-A3	TF	6.3	7.0	4.7	5.0	7.0	7.7	7.0	6.7	6.7	8.3
MRSL TF15	TF	7.7	6.3	5.0	5.7	7.0	8.3	7.7	7.0	7.3	8.3
PST-K13-143	KB	6.0	6.3	6.0	6.7	8.0	7.0	7.0	7.0	7.3	7.0
DLFPS 321/3679	TF	7.3	7.0	4.7	5.0	6.3	7.7	7.3	7.0	7.3	8.3
PST-K13-141	KB	6.0	5.0	5.0	5.3	5.3	6.3	6.3	7.0	7.0	7.7
RS4	TF	7.0	7.7	4.7	5.3	6.7	7.7	7.0	6.7	7.3	8.0
TITANIUM 2LS	TF	6.7	5.7	5.0	5.3	6.3	6.7	6.3	6.7	6.3	7.3
BAR FA 121095	TF	7.7	7.0	4.3	4.3	5.3	7.0	6.7	6.7	6.3	8.3
CATALYST	TF	6.3	7.0	5.3	6.3	6.7	7.0	6.3	6.7	6.0	7.7
KINGDOM	TF	6.7	6.7	4.7	5.3	6.0	6.7	7.0	6.7	7.3	7.0
THUNDERSTRUCK	TF	7.7	7.3	5.3	6.0	7.0	6.7	6.0	7.0	7.3	7.7
BLUE DEVIL	KB	5.0	5.3	7.0	5.7	5.0	6.3	7.0	6.7	6.7	6.7
NAI-13-132	KB	6.7	5.7	6.7	5.3	6.0	6.7	7.7	7.0	6.7	7.7
BABE	KB	4.7	6.3	6.7	5.7	6.0	7.3	5.7	6.7	7.0	7.3
BARRARI	KB	4.0	4.3	5.0	4.7	6.3	7.3	8.0	7.3	6.7	7.0
EVEREST	KB	6.7	5.7	6.7	5.7	5.0	6.3	6.3	6.3	6.7	7.7
PST-K11-118	KB	5.0	5.0	6.0	5.7	6.3	7.0	6.3	6.0	6.3	6.3
PST-K13-137	KB	6.0	5.0	5.3	4.7	5.3	6.7	6.7	6.7	7.0	6.7
MIDNIGHT	KB	7.3	5.7	7.0	5.3	5.3	6.3	6.7	7.0	7.0	7.7
NAI-13-14	KB	6.7	6.0	6.7	4.7	4.7	6.3	6.0	6.7	6.3	7.3
NONET	TF	4.7	5.3	4.3	5.3	5.7	7.0	6.3	6.3	6.3	7.3
PST-R511	TF	5.7	5.0	4.7	6.0	6.0	6.3	6.3	6.0	5.3	6.7
BLUE NOTE	KB	4.0	6.0	6.3	5.0	6.3	8.0	7.3	7.0	6.7	7.0
THOR	TF	5.3	6.0	5.0	5.7	7.0	8.0	7.3	6.0	6.3	8.0
DAUNTLESS	KB	5.3	6.7	5.7	5.3	6.0	6.3	6.0	5.7	6.7	7.0
BAR PP 110358	KB	4.0	4.7	6.0	5.3	6.7	7.7	6.3	5.0	5.7	6.3
PST-K15-169	KB	6.0	6.0	5.7	4.0	4.0	6.3	6.3	6.3	6.7	7.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.0	7.3	6.7	4.7	4.7	7.0	6.3	6.3	6.3	7.0
LSD VALUE		2.3	4.0	1.6	3.7	1.7	2.8	4.4	3.1	4.1	1.6
C.V. (%)		19.6	21.9	16.8	19.1	15.0	13.5	16.7	13.2	15.4	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 14B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN									
		JUNE 6	JUNE 13	JUNE 20	JUNE 27	JULY 3	JULY 11	JULY 18	JULY 25	AUG 1	AUG 8
GO-AOMK	TF	7.7	7.7	7.7	7.0	7.3	7.0	6.0	5.3	5.0	4.3
DLFPS 321/3678	TF	7.7	6.3	7.7	6.7	6.3	7.0	5.7	5.3	5.7	4.7
PST-5SDS	TF	7.3	7.0	7.3	7.3	6.7	7.0	5.7	5.3	5.7	4.7
BARROBUSTO	TF	7.3	6.7	7.7	7.0	7.0	6.7	5.7	5.7	5.7	4.3
DLFPS 321/3677	TF	7.3	5.7	8.0	7.0	7.0	6.0	5.3	5.0	5.3	4.3
STETSON II	TF	7.3	7.3	7.7	7.3	7.0	6.7	5.7	5.7	5.3	4.0
SUPERSONIC	TF	7.3	6.7	7.3	6.7	7.0	6.7	6.0	6.0	5.7	5.0
LTP-SYN-A3	TF	7.0	6.0	7.3	7.0	6.3	6.0	5.0	5.3	5.7	4.7
MRSL TF15	TF	7.7	7.0	7.7	7.3	7.0	6.7	4.7	4.7	5.0	4.0
PST-K13-143	KB	5.7	6.3	5.3	6.3	5.3	5.7	5.3	6.0	5.0	4.0
DLFPS 321/3679	TF	7.7	6.7	7.3	6.3	6.7	6.3	5.3	4.7	4.7	4.3
PST-K13-141	KB	6.7	6.3	6.7	7.0	5.3	6.0	5.0	5.3	5.3	4.7
RS4	TF	7.0	6.0	8.0	7.0	6.0	6.7	6.0	6.0	5.7	4.3
TITANIUM 2LS	TF	6.7	6.7	7.0	7.3	6.7	6.7	5.0	5.0	4.7	4.3
BAR FA 121095	TF	7.7	6.0	7.0	6.3	6.3	6.0	5.7	5.7	5.3	4.3
CATALYST	TF	7.0	6.0	6.7	7.0	6.3	6.3	5.7	5.7	5.3	4.3
KINGDOM	TF	6.7	6.0	7.0	6.3	5.7	6.0	5.3	5.3	5.3	4.7
THUNDERSTRUCK	TF	6.7	6.3	7.0	6.7	6.7	6.0	5.3	5.0	5.0	4.3
BLUE DEVIL	KB	6.0	5.3	6.0	5.7	5.0	5.7	4.3	4.3	5.0	4.0
NAI-13-132	KB	6.3	4.3	5.7	5.7	5.3	6.0	5.0	4.3	5.0	4.0
BABE	KB	5.3	4.7	5.0	5.7	5.0	5.0	4.7	4.7	5.0	4.0
BARRARI	KB	5.3	5.3	6.0	6.0	5.0	5.7	4.3	4.7	5.0	3.3
EVEREST	KB	6.0	5.3	5.0	6.3	5.0	5.0	4.3	4.3	5.0	4.0
PST-K11-118	KB	5.3	5.0	5.3	5.7	5.0	5.3	5.0	4.7	5.0	4.7
PST-K13-137	KB	5.3	5.7	5.3	5.3	5.0	5.3	4.3	4.3	5.0	3.7
MIDNIGHT	KB	6.3	4.7	5.0	5.0	5.0	5.0	4.0	3.7	5.3	4.0
NAI-13-14	KB	5.7	4.7	5.7	5.0	5.0	5.3	4.3	4.3	4.7	3.7
NONET	TF	6.0	4.7	6.0	5.3	5.7	5.7	4.3	4.0	4.7	4.3
PST-R511	TF	5.7	5.3	6.3	6.3	5.7	6.0	4.3	4.0	4.3	4.0
BLUE NOTE	KB	5.3	4.3	5.7	4.7	5.0	5.0	4.7	4.7	4.7	3.3
THOR	TF	6.0	4.7	6.0	6.0	6.0	5.7	4.0	4.3	5.0	4.0
DAUNTLESS	KB	5.3	4.7	5.0	5.7	5.0	5.0	4.3	5.3	5.0	3.7
BAR PP 110358	KB	5.3	4.7	5.0	5.3	4.7	5.0	4.3	3.7	4.3	3.0
PST-K15-169	KB	5.7	4.0	5.0	4.3	5.0	5.0	4.3	4.3	4.7	3.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.3	5.7	5.7	5.0	5.3	5.0	3.7	4.3	4.7	3.0
LSD VALUE		2.2	2.8	1.7	3.4	1.1	1.5	2.8	3.0	1.2	1.9
C.V. (%)		16.2	21.6	15.5	20.1	11.2	12.9	20.0	21.2	10.0	17.2

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

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

TABLE 14B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN											
		AUG 15	AUG 22	AUG 29	SEPT 5	SEPT 12	SEPT 19	SEPT 26	OCT 10	OCT 23	NOV 7	DEC 13	MEAN
GO-AOMK	TF	5.0	2.0	2.3	4.7	4.7	5.0	5.0	7.7	8.7	6.7	6.0	6.1
DLFPS 321/3678	TF	5.3	2.3	2.7	5.0	4.7	5.0	5.0	7.0	8.7	7.0	6.0	6.0
PST-5SDS	TF	5.3	1.7	2.3	4.7	5.0	5.3	5.7	6.7	8.3	8.0	6.0	6.0
BARROBUSTO	TF	5.0	2.3	2.3	4.7	4.7	5.3	5.3	6.7	8.0	7.0	6.3	5.9
DLFPS 321/3677	TF	5.0	3.0	3.3	5.0	4.3	4.7	5.0	5.7	7.3	5.3	5.7	5.9
STETSON II	TF	4.3	2.3	2.7	4.3	4.7	4.7	4.7	6.0	6.7	5.7	6.0	5.9
SUPERSONIC	TF	5.0	2.0	3.0	5.0	4.7	5.0	5.0	6.3	7.3	6.0	6.0	5.9
LTP-SYN-A3	TF	5.3	2.0	3.0	4.3	4.3	5.0	5.3	6.3	6.3	6.3	5.7	5.8
MRSL TF15	TF	4.3	2.0	2.3	4.7	4.3	4.3	4.7	5.7	6.3	5.7	5.7	5.8
PST-K13-143	KB	4.7	2.7	3.3	4.3	4.7	5.0	5.0	7.0	7.7	6.3	6.7	5.8
DLFPS 321/3679	TF	4.3	1.3	2.0	4.7	4.0	4.7	4.7	6.3	7.3	6.3	6.0	5.7
PST-K13-141	KB	5.0	2.3	4.0	5.0	5.0	5.0	5.3	6.7	6.7	6.0	5.7	5.7
RS4	TF	4.7	2.3	2.7	4.3	4.0	4.7	4.3	5.3	6.0	5.3	5.0	5.7
TITANIUM 2LS	TF	4.7	2.0	2.7	4.7	4.3	5.0	5.3	6.7	7.0	6.0	5.7	5.7
BAR FA 121095	TF	5.3	2.3	3.0	4.3	4.3	4.7	5.0	6.0	6.7	5.7	5.7	5.6
CATALYST	TF	4.3	2.0	3.0	4.3	4.0	5.0	5.0	5.7	6.0	6.0	5.7	5.6
KINGDOM	TF	4.3	3.0	2.7	5.0	4.7	5.0	5.0	6.0	6.7	5.7	6.0	5.6
THUNDERSTRUCK	TF	4.7	2.3	2.7	4.7	4.3	5.0	4.7	5.7	7.0	5.0	5.7	5.6
BLUE DEVIL	KB	4.0	2.7	2.7	4.3	4.3	4.7	5.0	6.3	7.3	6.0	6.3	5.4
NAI-13-132	KB	4.0	2.0	2.3	4.0	4.3	4.3	5.0	6.7	7.3	6.7	6.0	5.4
BABE	KB	3.7	3.0	3.3	4.0	4.0	4.7	4.3	6.0	6.7	5.7	6.3	5.3
BARRARI	KB	3.7	2.0	3.3	4.3	4.3	5.0	5.0	6.0	6.7	5.3	6.0	5.3
EVEREST	KB	4.0	2.3	2.7	4.3	4.3	4.3	4.3	6.3	7.3	6.3	6.0	5.3
PST-K11-118	KB	4.0	2.3	3.3	4.0	4.7	4.7	4.7	5.3	6.0	6.0	6.3	5.3
PST-K13-137	KB	3.7	2.3	3.3	4.7	5.0	5.0	5.0	5.3	6.3	5.7	5.7	5.2
MIDNIGHT	KB	3.7	2.3	2.0	3.7	4.0	4.0	4.3	5.7	5.7	5.7	5.7	5.1
NAI-13-14	KB	3.7	1.7	2.7	4.3	4.3	5.0	4.7	6.0	6.3	5.7	5.3	5.1
NONET	TF	4.3	1.7	2.7	4.0	4.3	4.7	4.7	5.3	6.0	5.7	5.3	5.1
PST-R511	TF	4.0	2.0	2.7	4.3	4.0	4.7	4.7	5.3	6.0	5.7	5.3	5.1
BLUE NOTE	KB	3.3	2.7	2.3	4.0	4.3	4.3	4.0	4.7	4.7	4.7	5.3	5.0
THOR	TF	3.7	1.7	1.7	3.7	3.7	4.0	4.0	4.7	5.3	4.7	4.3	5.0
DAUNTLESS	KB	4.0	2.0	3.3	3.3	4.3	4.0	4.0	5.0	5.7	5.0	5.0	4.9
BAR PP 110358	KB	3.3	1.7	2.0	3.3	4.0	4.0	4.3	5.3	6.3	5.3	5.7	4.8
PST-K15-169	KB	3.7	1.7	3.0	3.7	3.7	4.0	3.7	5.7	5.7	5.0	4.7	4.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		3.7	2.0	2.0	2.7	3.0	3.3	3.3	4.3	4.7	4.0	5.3	4.7
LSD VALUE		1.3	2.9	2.3	1.7	2.3	3.0	2.9	4.7	5.7	5.5	5.2	1.5
C.V. (%)		16.0	35.6	28.7	16.8	16.0	17.8	18.3	22.2	25.3	25.1	20.3	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 14B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		PRE-DROUGHT PERCENT GREEN COVER							
		DEC 12	FEB 12	MAR 12	MAR 26	APR 9	APR 23	MAY 8	MAY 30
GO-AOMK	TF	65.7	61.0	82.3	93.3	92.7	92.7	79.0	94.3
DLFPS 321/3678	TF	68.0	66.7	84.7	94.7	93.0	94.3	83.7	94.3
PST-5SDS	TF	71.7	69.0	88.3	91.0	91.7	94.0	81.3	93.7
BARROBUSTO	TF	69.7	58.0	80.0	91.7	91.0	93.3	82.0	93.7
DLFPS 321/3677	TF	73.7	68.7	87.3	94.0	94.0	94.0	87.0	95.0
STETSON II	TF	67.7	66.0	84.3	93.0	91.3	93.0	76.3	94.0
SUPERSONIC	TF	71.0	62.7	86.3	95.3	93.3	95.0	82.3	95.0
LTP-SYN-A3	TF	74.7	67.3	88.3	96.0	92.7	94.3	84.0	94.7
MRSL TF15	TF	73.7	68.7	86.3	93.3	92.7	92.3	77.3	93.0
PST-K13-143	KB	81.0	79.0	90.0	92.0	90.3	91.0	82.0	91.0
DLFPS 321/3679	TF	69.0	62.0	83.3	94.7	93.0	93.0	81.7	94.7
PST-K13-141	KB	76.0	64.7	68.7	88.0	91.0	93.0	88.0	94.3
RS4	TF	75.3	69.3	87.7	96.7	94.0	95.3	89.7	95.7
TITANIUM 2LS	TF	72.3	66.3	81.0	87.7	89.0	88.0	75.3	94.3
BAR FA 121095	TF	70.0	51.3	68.7	92.7	93.0	93.0	82.7	95.7
CATALYST	TF	77.7	76.0	90.7	95.3	95.3	96.7	87.7	95.7
KINGDOM	TF	70.7	65.0	80.0	90.3	89.0	91.3	78.3	92.7
THUNDERSTRUCK	TF	75.7	68.7	82.0	92.0	89.7	93.0	87.0	94.0
BLUE DEVIL	KB	86.7	69.7	51.0	86.0	85.0	81.7	71.7	83.7
NAI-13-132	KB	83.0	66.3	57.3	89.0	92.7	91.7	75.3	92.0
BABE	KB	86.7	66.7	82.0	94.7	93.7	93.7	84.0	93.3
BARRARI	KB	79.7	62.3	67.0	90.0	93.0	89.7	75.3	91.7
EVEREST	KB	85.7	70.7	61.7	86.3	93.0	95.0	84.0	92.3
PST-K11-118	KB	83.3	72.0	83.3	91.7	90.0	83.0	75.7	92.0
PST-K13-137	KB	71.3	53.3	68.7	81.3	88.7	90.7	80.0	91.0
MIDNIGHT	KB	88.0	66.0	61.3	88.0	93.3	94.7	86.0	93.7
NAI-13-14	KB	82.7	59.3	52.0	87.0	90.3	94.3	81.7	94.3
NONET	TF	70.7	69.0	85.3	87.3	85.3	81.3	71.3	86.7
PST-R511	TF	74.7	75.7	84.0	88.7	87.7	88.3	75.0	89.7
BLUE NOTE	KB	85.7	62.7	66.0	95.0	95.7	94.7	74.3	89.0
THOR	TF	71.0	69.0	88.0	90.0	82.0	72.7	70.3	83.7
DAUNTLESS	KB	82.3	66.7	81.0	95.0	94.0	87.0	81.7	93.0
BAR PP 110358	KB	87.3	68.7	79.3	94.0	77.7	66.7	67.0	87.3
PST-K15-169	KB	74.7	46.7	50.3	87.0	93.0	93.7	80.7	92.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		91.0	66.0	77.3	97.0	97.3	91.3	85.7	95.3
LSD VALUE		10.8	29.2	16.5	23.0	34.6	42.6	54.3	15.7
C.V. (%)		8.2	15.3	12.9	7.2	9.2	13.0	15.7	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 14B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN									
		JUN 6	JUN 13	JUN 20	JUN 27	JUL 3	JUL 11	JUL 18	JUL 25	AUG 1	AUG 8
GO-AOMK	TF	93.3	95.3	64.7	84.3	86.7	91.0	82.3	76.0	60.0	50.7
DLFPS 321/3678	TF	93.7	91.3	72.3	84.3	86.0	89.3	80.0	82.7	76.7	71.3
PST-5SDS	TF	92.7	95.3	75.0	88.0	91.3	93.0	87.0	84.0	77.7	58.7
BARROBUSTO	TF	93.0	95.0	81.0	87.7	87.7	89.3	84.7	74.7	71.3	53.0
DLFPS 321/3677	TF	94.3	92.0	66.7	81.7	83.7	85.0	73.7	70.3	68.7	52.0
STETSON II	TF	93.7	96.7	70.3	84.0	86.7	92.3	82.3	79.3	69.3	35.3
SUPERSONIC	TF	94.3	95.7	79.7	89.3	91.3	93.7	88.3	86.0	74.3	63.7
LTP-SYN-A3	TF	94.0	81.3	76.3	82.0	83.3	87.0	74.7	70.7	63.0	68.7
MRSL TF15	TF	93.0	93.7	81.0	89.7	89.7	91.0	81.7	75.3	59.0	54.3
PST-K13-143	KB	89.3	76.3	68.3	81.7	80.0	80.7	74.7	67.0	57.3	43.0
DLFPS 321/3679	TF	94.0	94.0	75.7	88.3	89.7	89.3	70.3	64.3	52.0	46.7
PST-K13-141	KB	92.7	85.0	75.7	83.7	80.0	79.3	61.7	68.7	61.0	55.7
RS4	TF	95.0	94.3	68.0	80.3	85.3	90.3	79.3	76.7	69.7	61.0
TITANIUM 2LS	TF	92.3	94.3	73.7	88.0	91.3	87.7	64.7	66.3	47.3	29.0
BAR FA 121095	TF	95.0	90.3	72.0	86.3	85.3	88.0	82.7	80.7	72.3	68.7
CATALYST	TF	95.0	90.3	74.7	89.7	92.0	94.0	81.0	78.7	57.7	62.7
KINGDOM	TF	92.3	94.3	64.0	80.0	85.0	88.3	73.0	70.3	56.7	45.3
THUNDERSTRUCK	TF	93.3	91.3	73.7	83.3	85.3	87.3	77.0	76.7	67.3	51.3
BLUE DEVIL	KB	75.7	63.3	56.0	61.3	63.0	68.7	54.3	50.0	45.3	38.3
NAI-13-132	KB	85.3	57.0	48.7	61.7	65.3	69.3	53.0	48.0	31.3	32.3
BABE	KB	83.0	61.7	51.7	60.7	58.0	60.3	49.0	54.7	40.0	29.3
BARRARI	KB	79.3	65.0	54.0	64.7	56.3	52.0	30.3	34.3	29.0	13.3
EVEREST	KB	88.7	64.7	54.3	64.3	67.0	66.7	47.7	52.3	47.7	36.0
PST-K11-118	KB	91.3	88.0	81.0	85.7	82.7	82.3	59.0	67.0	47.0	37.3
PST-K13-137	KB	90.0	86.3	72.0	82.7	76.3	73.3	51.0	55.0	52.7	30.0
MIDNIGHT	KB	89.0	59.0	54.7	59.0	64.3	64.0	39.0	38.0	37.7	28.0
NAI-13-14	KB	87.3	69.0	55.7	66.7	68.7	67.0	46.3	45.3	45.3	36.3
NONET	TF	64.3	44.7	39.3	59.3	59.0	61.7	44.3	50.3	42.3	41.7
PST-R511	TF	85.0	85.7	72.7	82.3	79.0	77.0	41.0	47.0	46.0	30.3
BLUE NOTE	KB	75.0	60.0	45.3	51.3	36.7	51.7	32.7	39.3	36.3	24.7
THOR	TF	59.0	53.0	41.3	53.0	52.0	57.7	42.3	45.0	49.7	49.7
DAUNTLESS	KB	88.0	74.7	58.0	67.7	63.3	68.3	59.7	61.0	55.3	44.3
BAR PP 110358	KB	76.7	62.0	56.7	64.0	61.0	66.7	46.7	49.7	36.3	25.7
PST-K15-169	KB	80.3	43.3	35.3	44.3	43.7	50.3	40.7	40.0	39.7	33.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		95.0	90.0	79.7	85.7	83.3	83.0	57.0	61.0	52.0	42.0
LSD VALUE		36.4	54.7	62.1	52.4	52.5	55.1	75.1	81.6	76.3	47.4
C.V. (%)		15.0	28.5	31.8	25.6	27.6	26.0	42.4	40.3	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 14B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN					PERCENT GREEN COVER DURING RECOVERY PERIOD					
		AUG 15	AUG 22	AUG 29	SEP 5	SEP 12	SEP 19	SEP 26	OCT 10	OCT 23	NOV 7	DEC 13
GO-AOMK	TF	43.0	8.0	11.3	36.3	62.3	87.3	89.3	97.3	95.3	76.3	60.7
DLFPS 321/3678	TF	60.3	14.7	18.7	44.7	69.3	86.7	93.0	98.7	97.7	79.3	64.3
PST-5SDS	TF	47.7	3.3	6.0	32.3	65.0	86.7	91.7	97.7	97.7	84.0	67.3
BARROBUSTO	TF	39.7	4.0	7.0	34.7	62.3	88.0	91.7	98.3	96.0	81.0	63.7
DLFPS 321/3677	TF	39.3	8.7	17.0	45.3	56.3	84.0	86.3	98.3	96.7	82.7	69.7
STETSON II	TF	25.7	5.7	10.0	25.3	36.7	68.3	80.3	95.3	89.3	69.0	61.7
SUPERSONIC	TF	49.7	20.0	24.7	47.0	66.0	82.0	88.7	98.0	94.7	77.3	58.3
LTP-SYN-A3	TF	55.7	16.0	26.7	35.3	57.7	81.3	89.0	96.7	95.3	83.3	70.7
MRSL TF15	TF	55.3	8.0	8.3	25.0	48.3	79.3	83.7	96.7	93.7	76.3	59.7
PST-K13-143	KB	35.7	9.0	14.0	28.3	46.0	78.0	75.0	96.0	94.7	79.7	75.7
DLFPS 321/3679	TF	41.0	1.0	1.3	18.7	41.0	77.7	84.3	97.3	97.3	80.0	58.0
PST-K13-141	KB	42.0	16.0	25.0	46.7	53.0	76.3	87.0	96.3	93.3	77.0	73.3
RS4	TF	53.0	9.0	11.7	32.7	52.0	75.0	84.3	95.3	95.7	80.3	67.0
TITANIUM 2LS	TF	33.0	7.7	11.0	33.0	52.7	75.7	86.7	93.0	96.7	83.7	72.0
BAR FA 121095	TF	49.3	14.0	18.3	35.3	55.0	81.3	87.3	96.3	92.0	75.0	56.0
CATALYST	TF	56.3	10.7	18.7	38.7	51.7	75.7	81.7	93.3	93.0	79.7	71.0
KINGDOM	TF	40.3	10.0	14.3	35.3	45.7	72.3	77.3	94.3	88.3	71.7	63.0
THUNDERSTRUCK	TF	51.7	7.0	8.3	26.3	41.3	74.0	80.7	96.0	94.0	78.0	65.7
BLUE DEVIL	KB	33.7	5.3	11.7	24.7	38.0	76.7	85.0	94.7	94.0	76.3	80.7
NAI-13-132	KB	21.7	5.0	9.3	17.0	28.3	57.7	67.7	90.3	88.3	79.7	76.3
BABE	KB	20.7	3.0	12.0	26.0	35.3	54.0	58.7	90.7	95.3	84.3	80.0
BARRARI	KB	7.0	2.7	2.7	10.7	13.3	49.0	57.7	82.0	69.7	58.7	66.7
EVEREST	KB	29.0	12.3	15.0	32.7	48.7	66.3	69.7	84.7	93.0	82.3	75.3
PST-K11-118	KB	33.0	3.0	7.0	22.0	41.3	69.3	78.0	94.3	96.7	88.0	85.3
PST-K13-137	KB	24.7	4.3	9.3	21.3	28.0	61.7	62.0	96.3	95.0	77.0	68.0
MIDNIGHT	KB	19.7	2.0	3.0	17.7	26.0	49.3	49.7	80.3	75.0	68.7	72.7
NAI-13-14	KB	28.7	7.0	13.7	21.0	34.0	67.0	75.0	97.0	95.3	84.7	76.7
NONET	TF	29.7	4.0	10.7	32.3	50.0	75.0	75.0	90.0	85.0	71.3	67.7
PST-R511	TF	27.7	6.7	11.3	36.7	46.3	60.7	69.0	83.7	87.3	74.7	70.0
BLUE NOTE	KB	17.7	1.7	6.3	18.3	33.3	57.7	62.3	89.7	84.0	72.3	76.3
THOR	TF	41.7	4.0	2.0	15.7	37.7	59.0	63.7	83.3	82.3	69.3	61.3
DAUNTLESS	KB	42.0	20.7	35.3	46.3	50.7	63.3	67.3	83.0	92.0	73.0	73.3
BAR PP 110358	KB	14.7	0.0	2.0	6.7	20.7	52.0	62.0	49.0	84.0	76.3	80.3
PST-K15-169	KB	22.0	3.7	8.0	19.3	33.0	53.0	60.3	77.3	72.0	60.7	59.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		39.7	9.3	13.0	22.0	33.7	43.3	53.3	77.3	80.7	75.0	69.3
LSD VALUE		50.9	23.7	37.2	59.8	57.9	76.3	62.1	43.0	47.3	52.4	20.8
C.V. (%)		53.0	106.5	99.9	62.2	45.7	31.6	26.4	16.4	14.7	17.1	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 14C.

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/									
NAME		GENETIC	WINTER	PRE-DROUGHT QUALITY RATINGS							
		COLOR	COLOR	DEC 12	FEB 12	MAR 12	MAR 26	APR 9	APR 23	MAY 8	MAY 30
THOR	TF	7.7	8.0	4.7	6.0	8.3	9.0	8.7	7.7	7.7	8.7
DLFPS 321/3678	TF	5.3	7.3	5.0	6.0	7.7	8.7	8.7	7.7	7.0	8.3
DLFPS 321/3679	TF	6.3	7.0	4.3	5.3	8.0	8.7	8.7	7.7	7.3	8.3
DLFPS 321/3677	TF	6.0	7.7	4.7	6.0	8.0	9.0	8.7	7.3	7.3	8.0
CATALYST	TF	5.0	6.0	5.0	6.7	8.0	8.0	8.0	7.3	7.3	7.7
MIDNIGHT	KB	7.0	6.7	7.3	6.0	5.7	8.0	8.7	8.0	7.7	8.0
PST-R511	TF	5.0	6.7	5.3	7.0	8.3	8.7	8.0	7.0	8.0	8.0
BARROBUSTO	TF	5.0	7.3	6.0	6.3	8.0	8.0	9.0	7.3	7.7	8.0
LTP-SYN-A3	TF	6.0	7.0	5.7	7.3	8.0	8.0	7.7	7.0	7.0	8.0
NONET	TF	5.7	7.3	5.0	5.7	7.3	8.3	8.7	7.0	8.0	7.7
KINGDOM	TF	5.7	7.7	5.0	7.0	7.3	8.0	8.3	7.0	7.0	8.3
PST-K13-141	KB	7.0	5.7	5.3	5.3	6.3	7.7	8.3	8.0	7.3	7.3
BAR FA 121095	TF	6.0	7.7	4.7	5.3	7.0	8.0	9.0	8.0	7.0	8.0
MRSL TF15	TF	6.0	6.0	4.0	6.0	8.0	8.0	8.0	7.3	7.0	8.0
TITANIUM 2LS	TF	4.3	6.3	4.7	6.3	7.7	8.0	8.7	7.0	6.7	7.7
NAI-13-14	KB	6.7	5.7	6.0	5.0	5.0	7.3	8.7	7.0	7.3	7.7
PST-5SDS	TF	5.3	7.3	4.7	6.0	8.3	9.0	9.0	7.7	7.7	8.0
RS4	TF	6.7	7.0	4.3	5.3	8.0	8.3	8.3	7.7	7.0	8.7
SUPERSONIC	TF	5.3	6.7	4.7	5.3	7.7	8.0	7.7	7.3	7.0	8.3
PST-K13-137	KB	6.7	7.7	5.7	5.0	6.7	8.3	8.7	8.0	8.0	7.0
STETSON II	TF	5.7	6.3	4.3	6.3	8.0	8.7	8.7	7.3	7.0	8.0
NAI-13-132	KB	6.3	6.0	6.3	5.3	5.0	7.3	8.3	8.0	7.3	7.7
BLUE DEVIL	KB	6.3	4.3	6.0	5.3	5.0	6.3	7.7	6.7	7.0	7.3
GO-AOMK	TF	6.0	7.3	4.7	5.7	7.3	7.7	8.0	7.7	6.7	7.3
PST-K11-118	KB	4.3	5.0	6.3	5.7	6.7	7.7	7.0	6.3	6.0	6.7
PST-K13-143	KB	6.3	6.3	5.3	5.3	7.0	8.0	8.0	7.3	7.0	7.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		7.0	7.7	7.7	6.0	7.3	8.0	8.3	8.0	7.3	7.0
BAR PP 110358	KB	5.0	4.0	4.7	3.0	6.0	7.0	7.3	7.0	7.0	7.0
EVEREST	KB	6.7	6.7	6.7	5.3	5.0	7.7	8.3	7.0	6.3	8.0
THUNDERSTRUCK	TF	4.3	7.3	5.0	6.3	8.0	8.3	8.0	8.0	7.0	7.7
BLUE NOTE	KB	6.0	7.0	5.7	4.7	5.7	7.3	7.3	6.7	6.7	7.0
BABE	KB	5.0	4.3	5.3	5.0	6.7	6.7	6.7	6.7	6.3	7.0
DAUNTLESS	KB	5.0	5.0	5.3	3.7	6.7	7.0	7.3	7.0	6.3	7.0
BARRARI	KB	4.3	5.0	5.0	4.0	6.0	7.0	8.0	6.7	7.0	7.0
PST-K15-169	KB	5.7	6.3	6.0	5.3	5.3	7.7	7.7	6.3	6.3	7.0
LSD VALUE		2.4	1.8	1.5	1.5	0.9	2.7	2.2	3.7	1.9	1.3
C.V. (%)		19.0	15.7	15.5	15.4	8.4	12.3	10.2	13.3	10.1	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 14C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN									
		JUNE 6	JUNE 13	JUNE 20	JUNE 27	JULY 3	JULY 11	JULY 18	JULY 25	AUG 1	AUG 8
THOR	TF	8.0	5.3	7.0	6.0	6.7	7.0	7.0	8.0	7.3	8.3
DLFPS 321/3678	TF	7.7	5.7	6.3	5.7	6.3	6.3	6.3	7.7	6.7	7.7
DLFPS 321/3679	TF	7.7	5.3	7.3	5.7	6.7	6.7	7.0	7.3	7.3	7.7
DLFPS 321/3677	TF	7.0	5.7	7.0	5.7	6.7	7.0	6.3	7.7	6.7	7.7
CATALYST	TF	6.7	5.3	7.3	6.0	6.7	6.0	6.7	7.0	6.7	7.3
MIDNIGHT	KB	7.3	4.0	5.0	4.3	5.3	5.7	6.7	7.3	6.7	7.7
PST-R511	TF	7.3	4.7	6.7	5.0	5.7	6.3	6.7	6.7	5.7	7.0
BARROBUSTO	TF	7.0	4.0	6.3	5.3	5.3	5.3	6.3	5.7	6.0	7.0
LTP-SYN-A3	TF	7.0	5.0	6.7	5.7	6.0	6.3	7.0	7.3	6.7	6.7
NONET	TF	6.0	4.7	6.3	6.3	6.0	5.7	6.7	6.0	6.0	7.3
KINGDOM	TF	7.0	4.7	6.3	5.7	6.3	6.0	6.7	6.3	6.7	6.3
PST-K13-141	KB	6.7	4.0	5.3	5.3	5.3	6.0	7.0	8.3	5.7	7.3
BAR FA 121095	TF	7.0	5.7	6.3	5.7	6.3	6.3	6.0	6.7	6.7	6.7
MRSL TF15	TF	6.7	5.0	6.3	5.3	6.7	6.3	6.7	7.0	6.7	7.0
TITANIUM 2LS	TF	6.7	4.7	6.7	5.7	6.3	6.0	5.7	6.7	6.0	7.0
NAI-13-14	KB	6.7	3.0	5.0	4.7	5.3	5.7	5.7	7.3	6.3	7.3
PST-5SDS	TF	7.7	5.0	7.0	5.3	6.3	6.0	5.3	6.0	6.0	6.0
RS4	TF	8.0	3.7	6.0	5.0	6.3	6.3	5.7	6.0	6.3	6.3
SUPERSONIC	TF	7.0	3.7	5.3	4.7	5.7	6.0	6.0	6.7	6.3	6.7
PST-K13-137	KB	5.7	4.7	5.7	5.0	5.0	5.0	6.0	6.7	5.7	7.0
STETSON II	TF	6.7	5.7	7.0	5.3	5.7	5.7	5.3	6.0	6.3	6.7
NAI-13-132	KB	5.7	5.0	5.7	4.7	5.7	5.7	5.3	6.3	5.7	7.0
BLUE DEVIL	KB	6.3	2.7	4.7	4.7	5.0	5.0	5.7	7.3	5.0	7.3
GO-AOMK	TF	6.3	3.7	6.3	5.3	5.7	5.7	5.7	6.0	5.7	6.0
PST-K11-118	KB	6.0	4.3	5.3	5.3	5.3	5.3	6.7	7.3	4.7	6.3
PST-K13-143	KB	5.7	3.3	5.3	5.0	5.3	5.0	6.0	7.0	5.0	6.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.7	4.3	5.0	5.7	5.3	5.3	5.3	5.7	5.7	6.3
BAR PP 110358	KB	6.3	3.7	5.7	5.0	5.3	5.3	6.0	7.7	5.3	7.0
EVEREST	KB	6.0	3.0	4.7	5.0	5.0	5.0	5.3	6.3	5.3	6.7
THUNDERSTRUCK	TF	6.0	3.3	6.0	4.3	5.0	5.3	4.7	5.3	5.0	6.0
BLUE NOTE	KB	5.3	4.7	5.0	5.3	5.0	5.0	5.7	7.0	5.0	6.7
BABE	KB	5.7	3.7	5.0	4.7	5.0	5.0	5.7	6.7	5.0	6.7
DAUNTLESS	KB	6.0	3.0	5.0	4.7	5.3	5.0	6.0	7.0	5.0	6.3
BARRARI	KB	5.3	3.7	5.0	5.0	5.0	5.0	5.3	5.7	4.7	6.3
PST-K15-169	KB	5.0	4.0	5.0	4.7	5.0	5.0	5.0	5.3	5.0	5.7
LSD VALUE		2.7	4.3	2.8	3.6	1.9	2.3	5.9	4.9	2.1	4.4
C.V. (%)		16.7	32.4	19.1	18.2	14.2	15.2	23.2	20.6	16.1	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 14C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN											MEAN
		AUG 15	AUG 22	AUG 29	SEPT 5	SEPT 12	SEPT 19	SEPT 26	OCT 10	OCT 23	NOV 7	DEC 13	
THOR	TF	9.0	8.0	8.7	8.7	7.7	7.7	8.3	9.0	8.0	7.3	7.7	7.6
DLFPS 321/3678	TF	8.7	8.3	8.3	9.0	8.0	8.0	8.0	8.3	8.0	6.3	7.7	7.4
DLFPS 321/3679	TF	9.0	7.7	8.0	8.7	7.7	7.7	8.0	8.7	7.7	6.7	7.3	7.4
DLFPS 321/3677	TF	9.0	7.0	8.0	8.7	6.7	7.7	7.3	8.7	7.7	6.0	7.3	7.3
CATALYST	TF	8.3	7.7	7.3	8.0	8.0	7.3	7.3	8.3	7.3	6.7	7.3	7.1
MIDNIGHT	KB	8.7	8.0	8.0	7.7	7.3	7.3	7.7	8.7	8.7	7.0	8.3	7.1
PST-R511	TF	8.0	7.7	7.3	8.3	7.3	7.7	8.0	8.0	7.3	6.3	8.0	7.1
BARROBUSTO	TF	7.7	7.3	7.0	8.3	7.3	7.3	7.3	8.3	8.0	6.7	7.7	7.0
LTP-SYN-A3	TF	7.7	7.0	7.3	7.7	7.0	7.7	7.7	8.0	7.3	6.3	7.7	7.0
NONET	TF	8.0	7.7	7.3	8.0	7.3	7.3	7.7	9.0	8.0	7.0	7.0	7.0
KINGDOM	TF	7.3	7.3	7.0	7.3	7.0	7.0	6.7	8.0	7.3	6.3	7.3	6.9
PST-K13-141	KB	8.0	7.7	7.3	7.3	7.3	7.3	7.3	8.0	8.3	6.0	8.0	6.9
BAR FA 121095	TF	7.3	7.3	7.0	7.3	6.3	6.7	7.0	7.7	7.7	6.3	6.3	6.8
MRSL TF15	TF	7.7	7.0	7.0	7.3	6.3	6.3	7.0	8.3	7.7	6.3	7.3	6.8
TITANIUM 2LS	TF	7.0	7.7	7.7	7.3	6.3	6.3	7.0	7.3	7.7	6.3	6.7	6.8
NAI-13-14	KB	8.7	7.7	7.3	7.0	7.0	7.3	7.3	8.7	9.0	6.3	8.3	6.7
PST-5SDS	TF	6.0	6.3	6.3	7.3	6.7	6.7	6.7	7.0	7.0	6.0	6.7	6.7
RS4	TF	7.0	6.7	6.7	6.7	6.3	6.3	7.3	8.7	8.0	7.0	7.3	6.7
SUPERSONIC	TF	7.7	7.0	7.0	7.3	6.7	7.0	7.3	9.0	8.0	7.0	7.3	6.7
PST-K13-137	KB	8.0	7.0	7.3	7.0	6.7	7.0	6.7	8.3	8.0	6.0	7.0	6.6
STETSON II	TF	8.0	6.7	6.7	7.0	6.3	6.3	6.7	7.0	6.7	6.0	6.0	6.6
NAI-13-132	KB	7.7	7.0	6.7	6.3	6.0	6.7	6.3	8.3	8.7	6.3	7.7	6.5
BLUE DEVIL	KB	8.0	7.3	8.0	6.7	6.3	7.0	6.3	8.3	8.3	7.0	8.3	6.4
GO-AOMK	TF	6.7	6.0	6.0	6.3	6.7	6.0	7.3	8.3	7.3	6.0	7.3	6.4
PST-K11-118	KB	7.0	6.0	7.3	5.7	6.3	6.7	7.3	7.7	7.7	6.0	8.0	6.4
PST-K13-143	KB	6.7	7.0	7.3	6.0	6.0	6.7	6.7	8.0	8.0	6.3	8.0	6.4
SR 4650 (P.RYEGRASS STANDARD ENTRY)		7.7	6.7	5.3	6.0	5.3	5.3	6.3	8.0	8.0	6.3	8.0	6.4
BAR PP 110358	KB	8.0	7.3	7.3	6.3	6.0	6.7	6.7	8.0	8.0	5.0	7.0	6.3
EVEREST	KB	7.7	6.3	7.3	5.7	5.7	6.0	6.3	8.0	8.7	7.0	8.3	6.3
THUNDERSTRUCK	TF	6.7	6.7	6.7	7.0	5.7	6.0	5.7	8.3	7.0	6.0	7.0	6.3
BLUE NOTE	KB	6.3	6.7	7.3	5.0	6.0	6.7	6.3	8.0	7.7	6.7	7.3	6.2
BABE	KB	6.0	6.7	7.0	6.0	6.3	6.3	6.3	8.0	7.7	5.3	7.3	6.1
DAUNTLESS	KB	7.3	6.7	7.0	5.3	6.3	6.7	6.3	7.7	7.7	6.0	7.7	6.1
BARRARI	KB	6.7	6.0	6.3	4.7	6.0	6.3	6.3	7.0	7.0	5.0	6.0	5.8
PST-K15-169	KB	5.7	5.3	6.0	5.3	5.3	6.3	6.3	7.0	6.7	6.3	6.7	5.8
LSD VALUE		5.3	4.8	3.5	3.7	4.1	3.5	2.9	2.6	4.0	3.4	2.9	2.2
C.V. (%)		20.4	18.0	15.6	21.8	18.3	15.2	14.1	10.8	13.7	15.2	13.3	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 14C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		PRE-DROUGHT PERCENT GREEN COVER							
		DEC 12	FEB 12	MAR 12	MAR 26	APR 9	APR 23	MAY 8	MAY 30
THOR	TF	71.0	72.7	92.7	97.0	95.7	96.0	88.7	95.7
DLFPS 321/3678	TF	76.0	78.7	93.7	96.7	94.7	93.0	81.7	93.7
DLFPS 321/3679	TF	69.3	70.0	89.3	95.0	94.0	95.0	86.7	95.3
DLFPS 321/3677	TF	74.0	77.7	93.3	95.7	96.3	92.0	82.0	95.3
CATALYST	TF	76.0	80.7	93.0	94.3	94.7	95.3	81.7	94.7
MIDNIGHT	KB	87.3	73.3	54.3	93.3	94.7	94.0	85.7	91.7
PST-R511	TF	78.7	88.0	97.0	97.3	94.7	94.0	85.7	94.7
BARROBUSTO	TF	81.7	81.7	96.0	96.7	95.3	94.3	85.7	91.3
LTP-SYN-A3	TF	79.3	85.7	94.3	94.7	86.3	87.3	74.7	93.7
NONET	TF	72.7	71.7	92.7	96.0	96.3	95.0	87.7	94.0
KINGDOM	TF	74.3	78.3	90.0	94.3	89.7	88.7	80.0	93.3
PST-K13-141	KB	77.3	62.3	67.7	91.3	91.3	95.0	89.0	95.3
BAR FA 121095	TF	73.3	63.7	90.7	96.3	96.0	96.7	87.3	93.7
MRSL TF15	TF	67.3	77.3	91.3	90.7	89.7	81.0	77.3	92.3
TITANIUM 2LS	TF	73.3	79.3	92.0	93.3	94.0	92.3	73.7	91.7
NAI-13-14	KB	80.3	64.0	41.3	89.7	92.0	81.0	80.7	92.0
PST-5SDS	TF	72.3	74.3	93.7	96.7	96.3	95.7	90.3	95.0
RS4	TF	70.7	71.3	91.3	96.7	95.7	94.3	83.7	95.3
SUPERSONIC	TF	73.0	66.7	86.0	94.7	91.3	85.7	82.3	92.7
PST-K13-137	KB	77.0	62.7	81.3	95.7	95.0	94.3	89.0	93.0
STETSON II	TF	71.3	78.0	90.7	95.0	94.7	96.0	91.3	96.0
NAI-13-132	KB	84.0	63.0	43.3	90.7	91.7	90.3	84.3	91.7
BLUE DEVIL	KB	80.3	68.3	49.0	79.3	84.7	76.7	74.7	92.0
GO-AOMK	TF	70.3	69.3	87.3	91.0	90.3	89.0	68.7	87.3
PST-K11-118	KB	87.7	71.7	79.3	95.0	92.3	84.7	70.7	92.0
PST-K13-143	KB	77.0	68.7	83.7	92.0	92.3	92.3	86.0	93.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		94.3	77.7	89.0	98.0	95.7	91.7	91.3	96.3
BAR PP 110358	KB	75.3	41.3	66.0	93.0	93.7	94.7	91.0	96.0
EVEREST	KB	85.3	64.7	56.3	93.0	95.7	93.7	87.0	90.3
THUNDERSTRUCK	TF	71.0	77.7	89.3	93.0	93.0	94.7	82.7	87.3
BLUE NOTE	KB	81.0	61.7	76.0	96.3	95.0	95.0	91.0	95.0
BABE	KB	76.0	63.0	68.3	82.7	90.3	86.0	80.3	92.7
DAUNTLESS	KB	75.0	42.7	64.3	91.0	90.0	85.3	79.3	91.3
BARRARI	KB	76.7	54.7	66.3	94.0	95.3	87.7	81.3	90.0
PST-K15-169	KB	77.7	68.0	64.0	92.7	88.3	70.7	77.7	91.3
LSD VALUE		12.1	14.9	12.7	11.5	20.7	44.0	51.5	11.5
C.V. (%)		8.3	12.7	10.5	5.4	6.0	12.9	15.1	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 14C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN									
		JUN 6	JUN 13	JUN 20	JUN 27	JUL 3	JUL 11	JUL 18	JUL 25	AUG 1	AUG 8
THOR	TF	94.7	66.3	59.7	78.7	82.0	91.3	92.7	94.3	96.0	97.7
DLFPS 321/3678	TF	93.3	65.3	46.0	66.0	71.3	85.0	88.7	93.0	96.3	97.7
DLFPS 321/3679	TF	93.3	72.0	52.3	75.3	81.7	89.0	93.7	95.3	97.3	98.0
DLFPS 321/3677	TF	93.7	74.7	57.3	83.3	85.3	91.3	93.0	95.3	98.3	98.3
CATALYST	TF	94.3	84.7	75.0	84.0	85.7	91.3	89.3	94.3	96.3	96.3
MIDNIGHT	KB	88.0	23.3	18.7	33.3	52.3	77.7	89.0	94.0	95.3	96.0
PST-R511	TF	93.3	72.0	46.7	69.0	72.3	84.0	83.0	87.7	90.0	92.0
BARROBUSTO	TF	79.7	56.7	54.3	70.7	73.0	77.0	79.0	83.3	86.7	90.3
LTP-SYN-A3	TF	91.3	71.7	52.0	73.3	79.0	84.3	89.0	89.3	94.7	94.3
NONET	TF	92.3	76.7	72.7	86.7	85.0	89.7	90.0	90.0	86.3	90.7
KINGDOM	TF	79.0	64.7	52.7	64.3	71.7	74.7	78.3	78.7	81.7	83.7
PST-K13-141	KB	93.7	53.0	38.7	72.3	79.3	93.7	98.3	98.0	99.0	99.0
BAR FA 121095	TF	87.0	74.0	52.7	70.3	68.7	68.7	69.3	76.3	78.7	78.0
MRSL TF15	TF	77.0	55.3	26.7	57.7	68.0	78.0	86.7	88.3	93.0	95.0
TITANIUM 2LS	TF	91.0	58.7	42.3	61.7	57.7	65.7	60.7	68.7	81.7	85.7
NAI-13-14	KB	85.7	20.0	16.0	36.3	49.3	77.3	83.0	91.3	93.3	98.3
PST-5SDS	TF	93.3	72.7	58.0	67.7	64.0	61.7	61.7	58.3	58.0	62.0
RS4	TF	93.3	37.0	29.3	51.3	62.0	74.0	69.0	77.0	84.3	85.7
SUPERSONIC	TF	90.7	34.3	24.7	54.0	67.7	78.0	82.7	89.3	92.3	91.0
PST-K13-137	KB	93.0	73.0	49.7	69.0	71.0	83.3	86.0	85.0	88.7	88.0
STETSON II	TF	95.0	83.0	73.7	74.0	68.7	64.7	63.3	69.0	80.3	81.7
NAI-13-132	KB	85.3	52.7	27.0	45.3	53.0	68.7	81.0	86.3	91.3	94.7
BLUE DEVIL	KB	85.3	11.7	10.3	34.7	53.3	77.0	87.3	89.7	95.7	97.3
GO-AOMK	TF	82.0	55.7	45.3	57.0	62.3	63.0	59.7	68.7	70.0	73.0
PST-K11-118	KB	89.3	72.7	51.3	81.0	90.7	96.0	95.0	96.0	94.3	95.3
PST-K13-143	KB	89.7	53.0	42.0	69.0	70.7	80.7	89.3	91.7	90.7	93.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		95.0	89.3	72.0	90.3	90.3	90.7	87.0	92.7	94.7	93.0
BAR PP 110358	KB	94.0	62.3	42.0	69.3	78.7	91.0	94.7	96.0	98.0	98.7
EVEREST	KB	74.7	46.3	29.3	55.3	63.7	75.7	69.0	81.7	71.0	77.3
THUNDERSTRUCK	TF	79.0	32.7	18.3	46.0	50.7	51.3	52.0	67.3	70.3	76.7
BLUE NOTE	KB	94.7	78.0	47.3	83.3	91.3	97.0	98.0	97.7	99.0	99.0
BABE	KB	82.7	42.7	34.3	52.0	57.7	66.3	71.0	79.3	89.0	93.3
DAUNTLESS	KB	81.0	36.7	25.7	59.0	75.0	74.3	73.0	76.3	74.0	79.0
BARRARI	KB	77.0	44.0	32.7	56.7	61.0	61.0	56.3	65.0	75.7	80.7
PST-K15-169	KB	85.3	64.3	46.7	66.3	71.0	74.0	65.7	74.7	65.0	69.3
LSD VALUE		38.7	71.8	46.6	52.2	71.3	82.7	84.1	74.3	59.4	53.8
C.V. (%)		12.6	47.5	49.0	31.9	29.6	27.9	29.5	23.9	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 14C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN						PERCENT GREEN COVER DURING RECOVERY				
		AUG 15	AUG 22	AUG 29	SEP 5	SEP 12	SEP 19	SEP 26	OCT 10	OCT 23	NOV 7	DEC 13
THOR	TF	98.7	98.7	98.3	96.7	92.0	95.0	96.0	97.3	94.7	85.0	76.3
DLFPS 321/3678	TF	98.7	99.0	98.3	97.7	94.3	95.7	95.3	97.0	90.7	69.3	70.3
DLFPS 321/3679	TF	97.7	94.7	96.3	95.0	90.3	93.7	94.0	97.7	96.0	78.3	69.7
DLFPS 321/3677	TF	98.7	98.0	98.3	94.7	90.3	94.3	94.3	98.0	96.0	84.0	79.3
CATALYST	TF	96.3	97.7	97.3	95.3	91.3	95.0	93.0	96.3	93.3	82.0	79.0
MIDNIGHT	KB	97.3	96.3	97.7	89.3	87.0	91.7	91.3	97.3	95.0	86.7	83.0
PST-R511	TF	93.3	96.0	98.0	97.0	95.7	97.3	97.0	97.7	95.7	86.7	78.3
BARROBUSTO	TF	94.7	96.0	97.7	97.3	93.7	95.7	95.7	97.3	97.0	86.0	77.0
LTP-SYN-A3	TF	93.7	95.3	98.0	97.0	95.7	97.7	97.3	97.0	94.3	82.0	75.7
NONET	TF	95.0	97.0	97.7	97.0	94.3	94.0	93.3	95.3	93.3	85.0	74.0
KINGDOM	TF	88.3	93.0	95.0	92.3	88.0	93.7	92.0	96.7	92.0	79.3	74.3
PST-K13-141	KB	98.7	97.7	98.7	96.0	93.0	93.7	94.0	97.0	94.7	80.3	80.3
BAR FA 121095	TF	82.7	88.0	94.0	93.3	92.7	94.7	94.3	97.0	94.0	73.3	63.7
MRS L TF15	TF	95.3	94.7	95.0	85.7	80.3	89.3	90.7	97.7	94.0	74.3	66.0
TITANIUM 2LS	TF	84.7	86.7	85.3	82.0	72.3	79.0	83.3	96.3	86.7	79.7	74.3
NAI-13-14	KB	97.0	97.0	97.7	87.3	84.7	90.7	89.3	96.3	94.7	83.7	82.7
PST-5SDS	TF	63.7	70.3	79.0	82.3	80.7	87.0	90.0	95.7	96.7	87.7	78.3
RS4	TF	91.7	94.3	96.0	87.0	87.3	93.7	94.7	98.3	96.7	78.3	75.3
SUPERSONIC	TF	92.3	93.3	95.0	90.7	84.7	92.3	92.0	97.7	95.3	71.7	63.0
PST-K13-137	KB	91.7	89.7	94.7	92.7	85.3	90.0	88.0	94.7	87.7	60.7	64.7
STETSON II	TF	81.7	82.7	91.3	86.0	86.3	91.0	93.7	96.0	92.3	75.3	66.0
NAI-13-132	KB	96.7	95.3	91.0	81.7	72.3	87.7	89.7	96.7	93.0	73.0	73.3
BLUE DEVIL	KB	98.3	98.3	98.3	92.3	84.3	89.7	88.7	97.7	96.7	89.7	86.7
GO-AOMK	TF	87.7	92.7	95.3	91.3	89.0	90.7	92.7	95.3	85.7	63.0	64.3
PST-K11-118	KB	96.7	95.3	96.7	90.3	82.7	89.7	91.0	98.7	96.0	82.7	84.7
PST-K13-143	KB	97.3	96.7	97.7	92.7	83.0	88.7	87.3	94.0	93.3	77.7	78.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		94.0	95.0	94.3	89.0	87.7	91.0	91.7	98.0	98.0	92.3	90.7
BAR PP 110358	KB	98.7	98.0	98.7	86.7	73.3	83.7	88.7	97.7	95.3	76.0	76.7
EVEREST	KB	93.3	91.7	93.7	86.3	77.0	87.0	84.3	97.3	95.7	87.0	84.7
THUNDERSTRUCK	TF	84.7	92.0	91.7	89.0	80.0	81.3	76.3	95.7	90.7	73.3	72.3
BLUE NOTE	KB	99.0	99.0	99.0	94.3	88.3	92.3	91.7	96.7	94.3	70.0	68.7
BABE	KB	94.7	95.3	96.7	80.7	81.3	89.3	89.7	96.0	90.3	52.0	65.0
DAUNTLESS	KB	89.7	88.0	92.0	83.3	81.0	90.7	90.7	95.7	93.0	70.0	73.7
BARRARI	KB	84.3	74.0	80.3	73.7	68.0	81.3	82.7	93.0	88.0	58.7	62.3
PST-K15-169	KB	82.3	80.0	93.0	88.3	83.3	91.0	88.0	94.7	92.0	76.3	78.7
LSD VALUE		47.1	49.3	37.7	42.0	37.4	24.6	21.8	3.7	16.0	27.6	13.4
C.V. (%)		14.4	14.1	10.1	12.4	13.7	8.3	7.8	1.7	5.4	15.5	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 15A.

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/									
NAME		GENETIC	WINTER	PRE-DROUGHT QUALITY RATINGS							
		COLOR	COLOR	DEC 12	FEB 12	MAR 12	MAR 26	APR 9	APR 23	MAY 8	MAY 30
PST-K11-118	KB	5.3	5.3	6.0	5.3	5.7	7.0	7.0	6.0	7.0	6.3
BARRARI	KB	4.3	4.3	5.3	2.7	4.7	6.3	6.7	5.7	6.3	6.7
BABE	KB	5.3	6.3	6.0	5.7	5.7	6.7	6.7	5.7	6.3	6.0
NAI-13-132	KB	6.3	4.3	5.0	3.7	3.3	5.3	5.7	6.0	6.3	6.7
PST-K13-141	KB	7.3	3.7	3.7	3.3	3.7	5.0	5.3	5.3	6.0	7.0
BAR PP 110358	KB	3.7	5.0	6.0	4.3	5.7	6.7	6.3	5.3	6.3	6.0
BLUE NOTE	KB	5.3	6.0	5.3	3.7	5.0	6.7	6.3	5.7	6.7	6.7
DAUNTLESS	KB	5.0	6.0	6.3	4.7	5.0	6.0	6.0	5.7	6.0	6.3
PST-K13-143	KB	6.3	5.7	5.7	4.3	5.7	6.0	5.7	5.3	6.3	6.3
BLUE DEVIL	KB	6.7	3.7	5.3	2.7	4.0	5.3	6.0	5.7	6.3	6.7
MIDNIGHT	KB	7.3	4.3	4.3	3.7	4.3	6.0	4.7	5.0	6.0	6.0
PST-K15-169	KB	7.3	5.0	4.3	3.3	3.7	5.7	5.7	5.7	6.3	6.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.3	6.3	5.0	3.0	4.0	4.7	4.7	5.0	5.3	5.3
EVEREST	KB	6.3	3.7	6.0	4.7	4.3	5.0	5.7	5.3	6.3	6.3
NAI-13-14	KB	6.0	3.7	5.0	4.0	4.0	5.0	5.3	5.3	6.0	6.0
PST-K13-137	KB	7.3	6.0	6.3	4.0	4.7	5.3	5.3	5.7	6.0	6.3
LSD VALUE		2.6	3.9	3.6	2.5	2.7	1.2	1.7	2.2	2.1	1.4
C.V. (%)		20.9	30.7	24.3	28.5	24.1	11.7	14.0	12.3	11.0	9.1

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

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

TABLE 15A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN									
		JUNE 6	JUNE 13	JUNE 20	JUNE 27	JULY 3	JULY 11	JULY 18	JULY 25	AUG 1	AUG 8
PST-K11-118	KB	5.0	6.0	6.0	5.0	5.0	4.3	2.0	2.3	3.3	1.7
BARRARI	KB	5.7	4.0	4.3	4.0	5.0	4.0	1.3	2.7	4.0	2.0
BABE	KB	5.3	3.7	4.3	3.7	4.7	4.3	1.3	2.3	3.0	2.0
NAI-13-132	KB	5.7	4.7	5.7	4.7	5.0	3.7	1.3	2.3	3.3	2.0
PST-K13-141	KB	6.7	4.7	6.3	4.7	5.0	3.7	1.0	2.0	3.3	2.0
BAR PP 110358	KB	5.0	4.3	5.0	4.3	5.0	4.0	1.0	1.3	3.3	1.3
BLUE NOTE	KB	5.3	4.7	5.0	4.0	5.0	4.0	1.0	1.7	3.3	1.7
DAUNTLESS	KB	5.3	3.7	5.3	3.7	4.7	4.0	1.0	2.0	3.3	1.7
PST-K13-143	KB	5.0	4.3	5.0	4.3	5.0	4.0	1.3	2.0	3.3	1.3
BLUE DEVIL	KB	6.3	3.7	4.7	4.0	4.7	3.7	1.0	2.3	3.3	2.0
MIDNIGHT	KB	5.7	4.0	5.3	3.7	4.7	3.7	1.0	2.0	3.3	2.0
PST-K15-169	KB	5.7	3.7	5.3	3.7	5.0	4.3	1.3	2.3	4.0	2.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.0	4.7	5.0	4.3	5.0	4.3	1.3	2.0	3.3	2.3
EVEREST	KB	5.3	4.0	5.0	4.0	4.7	3.7	1.0	1.7	3.0	2.0
NAI-13-14	KB	5.7	5.0	6.0	4.3	5.0	3.7	1.3	1.7	3.0	1.7
PST-K13-137	KB	5.0	3.7	4.3	4.0	4.3	4.0	1.0	1.7	3.0	1.7
LSD VALUE		1.3	3.0	3.0	1.4	0.9	1.4	0.8	1.2	1.1	0.9
C.V. (%)		10.8	25.4	20.6	14.0	6.7	12.1	28.8	24.2	13.4	20.6

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 15A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN											MEAN
		AUG 15	AUG 22	AUG 29	SEPT 5	SEPT 12	SEPT 19	SEPT 26	OCT 10	OCT 23	NOV 7	DEC 13	
PST-K11-118	KB	3.0	1.0	1.0	1.3	2.3	2.7	2.7	3.0	4.3	4.3	4.3	4.2
BARRARI	KB	3.0	1.0	1.3	2.0	2.7	2.7	3.0	4.3	5.0	4.7	4.7	4.0
BABE	KB	3.3	1.3	1.7	1.7	2.0	2.3	2.3	3.0	4.7	4.3	4.0	3.9
NAI-13-132	KB	2.7	1.3	1.3	2.0	2.3	2.7	3.0	3.7	4.7	4.3	4.0	3.9
PST-K13-141	KB	3.3	1.0	1.3	2.0	2.7	2.7	3.0	3.7	5.0	4.3	4.7	3.9
BAR PP 110358	KB	2.3	1.0	1.3	1.3	2.3	2.0	2.0	4.3	4.3	4.0	4.0	3.8
BLUE NOTE	KB	3.3	1.0	1.7	2.0	2.3	2.3	2.3	3.3	4.0	3.7	3.7	3.8
DAUNTLESS	KB	3.0	1.0	1.3	1.7	1.7	2.3	2.3	3.3	4.0	4.0	3.7	3.8
PST-K13-143	KB	2.7	1.0	1.7	2.0	2.0	2.7	2.7	4.0	4.0	3.7	3.3	3.8
BLUE DEVIL	KB	3.0	1.0	1.3	1.7	2.3	1.7	2.7	3.7	4.0	3.7	3.7	3.7
MIDNIGHT	KB	3.0	1.0	1.7	2.3	2.7	2.7	2.7	3.7	4.7	4.0	4.3	3.7
PST-K15-169	KB	2.7	1.0	1.7	2.0	2.3	2.0	2.7	4.0	4.3	3.3	4.0	3.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		2.7	1.3	1.3	2.0	2.0	2.7	2.3	4.3	5.0	4.7	4.7	3.7
EVEREST	KB	2.7	1.3	1.3	1.3	2.0	2.0	2.0	3.0	3.7	3.7	3.3	3.6
NAI-13-14	KB	2.7	1.0	1.0	1.3	1.7	1.7	2.0	4.0	4.3	3.7	3.7	3.6
PST-K13-137	KB	2.7	1.0	1.3	1.7	2.0	2.3	2.3	3.3	4.3	4.0	4.0	3.6
LSD VALUE		1.4	0.9	1.1	1.7	1.4	1.9	2.0	1.2	1.9	2.0	2.0	0.7
C.V. (%)		17.0	26.6	28.3	32.1	23.6	28.1	26.4	15.3	15.4	17.3	18.1	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 15A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		PERCENT PRE-DROUGHT COVER							
		DEC 12	FEB 12	MAR 12	MAR 26	APR 9	APR 23	MAY 8	MAY 30
PST-K11-118	KB	85.3	70.0	82.3	96.0	95.3	91.7	89.3	94.0
BARRARI	KB	78.3	35.7	45.7	89.3	96.7	94.7	90.0	94.7
BABE	KB	84.0	60.7	80.7	95.0	95.7	90.7	83.7	93.7
NAI-13-132	KB	74.0	41.3	35.0	78.0	88.3	93.0	77.3	92.7
PST-K13-141	KB	61.3	40.0	38.7	74.0	82.7	81.3	82.7	94.3
BAR PP 110358	KB	86.3	49.3	73.7	94.3	96.0	92.0	95.0	94.3
BLUE NOTE	KB	74.3	42.7	58.7	95.0	94.0	94.0	92.0	94.0
DAUNTLESS	KB	85.7	56.7	68.0	94.0	95.3	95.7	88.3	93.3
PST-K13-143	KB	79.3	50.0	75.7	89.0	92.7	92.3	87.3	92.0
BLUE DEVIL	KB	79.0	33.7	34.0	79.7	94.0	95.3	82.7	92.3
MIDNIGHT	KB	67.7	45.3	48.7	79.3	90.7	92.0	91.7	94.0
PST-K15-169	KB	68.0	35.7	35.3	79.3	92.7	95.3	88.7	92.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		77.0	39.3	53.7	90.7	96.0	95.3	85.0	93.3
EVEREST	KB	81.3	52.7	44.3	75.7	87.7	90.0	79.0	90.7
NAI-13-14	KB	74.0	48.3	45.3	71.3	85.0	87.3	66.3	89.0
PST-K13-137	KB	82.7	45.3	55.7	85.3	93.0	95.7	86.3	92.0
LSD VALUE		26.6	25.6	26.4	20.0	9.3	16.7	28.0	9.1
C.V. (%)		13.7	25.4	27.1	11.4	5.0	6.7	12.6	3.2

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 KENTUCKY BLUEGRASS CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN									
		JUN 6	JUN 13	JUN 20	JUN 27	JUL 3	JUL 11	JUL 18	JUL 25	AUG 1	AUG 8
PST-K11-118	KB	91.7	84.7	69.0	62.7	28.3	18.7	1.0	1.7	4.0	1.3
BARRARI	KB	88.0	54.0	46.0	31.7	14.0	5.3	0.7	4.0	10.0	4.3
BABE	KB	88.0	38.7	43.3	45.7	32.0	21.0	1.3	4.0	21.0	26.7
NAI-13-132	KB	87.3	72.0	65.3	67.7	22.3	7.3	0.7	3.3	6.0	4.3
PST-K13-141	KB	92.0	70.0	59.3	57.7	35.0	15.0	2.0	4.3	17.0	15.3
BAR PP 110358	KB	94.7	58.0	53.0	57.3	34.0	5.7	0.0	0.0	6.3	6.7
BLUE NOTE	KB	90.0	51.0	41.0	40.3	14.7	5.0	0.0	0.3	9.0	11.0
DAUNTLESS	KB	85.3	53.3	51.0	33.3	4.0	2.0	0.3	0.7	7.3	3.7
PST-K13-143	KB	86.0	49.3	47.7	48.7	17.0	14.0	1.7	3.0	10.3	12.3
BLUE DEVIL	KB	85.7	48.7	44.3	44.0	17.7	5.0	0.3	1.3	6.7	5.3
MIDNIGHT	KB	91.0	60.3	43.0	49.0	26.0	12.3	0.3	3.0	17.0	18.7
PST-K15-169	KB	83.3	56.7	46.3	47.0	33.0	16.7	2.0	3.3	10.7	15.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		91.3	78.0	72.0	72.7	38.3	18.3	2.3	3.3	10.0	14.0
EVEREST	KB	86.7	57.3	54.3	42.7	11.7	3.3	0.3	0.7	8.3	5.0
NAI-13-14	KB	85.7	79.7	76.3	56.7	15.3	5.7	0.0	0.7	6.3	3.3
PST-K13-137	KB	84.0	39.0	35.0	34.7	27.7	15.0	0.3	0.7	2.7	2.0
LSD VALUE		12.8	56.0	59.7	51.4	50.1	27.1	3.2	6.7	14.3	22.0
C.V. (%)		5.6	36.0	39.8	38.9	75.7	95.0	146.8	115.7	66.6	101.8

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 KENTUCKY BLUEGRASS CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN						PERCENT GREEN COVER DURING RECOVERY				
		AUG 15	AUG 22	AUG 29	SEP 5	SEP 12	SEP 19	SEP 26	OCT 10	OCT 23	NOV 7	DEC 13
PST-K11-118	KB	0.3	0.0	0.3	3.0	3.7	10.7	15.0	62.7	57.7	57.7	66.0
BARRARI	KB	2.0	0.3	0.3	4.0	7.0	14.0	23.0	80.0	82.0	67.0	73.7
BABE	KB	9.0	1.0	2.7	8.7	13.0	27.3	40.3	69.0	78.3	73.0	69.7
NAI-13-132	KB	4.3	0.7	1.0	7.0	3.7	12.3	18.7	54.3	66.7	51.3	59.0
PST-K13-141	KB	4.3	0.3	1.3	5.0	8.3	28.0	29.7	77.7	76.7	61.0	63.0
BAR PP 110358	KB	0.7	0.0	0.0	2.7	5.3	13.7	14.7	64.3	73.7	62.0	58.0
BLUE NOTE	KB	1.3	0.0	0.3	3.0	5.3	10.7	15.3	52.3	62.7	60.0	57.0
DAUNTLESS	KB	1.0	0.0	0.7	2.7	5.3	11.3	20.7	49.3	54.3	56.7	55.3
PST-K13-143	KB	3.0	0.3	1.7	7.3	9.3	24.3	40.0	59.7	59.3	52.3	53.3
BLUE DEVIL	KB	1.3	0.3	0.7	3.0	5.0	13.7	17.3	65.3	70.7	65.3	53.7
MIDNIGHT	KB	6.3	0.7	2.0	7.7	8.0	18.7	34.3	76.7	83.0	63.7	59.3
PST-K15-169	KB	4.7	0.7	2.3	2.7	6.0	7.3	13.3	57.0	66.7	55.0	47.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		11.0	1.0	2.3	9.0	15.0	34.0	40.7	79.7	87.3	82.0	75.3
EVEREST	KB	2.3	0.3	1.0	5.7	10.7	23.3	26.0	42.0	53.7	55.0	54.7
NAI-13-14	KB	0.7	0.0	0.3	1.3	1.3	5.0	7.0	40.7	56.7	58.3	57.0
PST-K13-137	KB	0.3	0.0	0.7	3.0	3.3	10.0	12.7	52.7	64.3	56.0	59.0
LSD VALUE		6.0	2.1	4.0	10.8	13.6	19.1	25.2	46.4	53.2	60.6	32.6
C.V. (%)		96.3	197.4	129.9	84.7	78.3	56.9	53.4	30.2	27.5	30.2	20.4

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

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

TABLE 15B.

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/									
NAME		GENETIC	WINTER	PRE-DROUGHT QUALITY RATINGS							
		COLOR	COLOR	DEC 12	FEB 12	MAR 12	MAR 26	APR 9	APR 23	MAY 8	MAY 30
PST-K13-143	KB	6.0	6.3	6.0	6.7	8.0	7.0	7.0	7.0	7.3	7.0
PST-K13-141	KB	6.0	5.0	5.0	5.3	5.3	6.3	6.3	7.0	7.0	7.7
BLUE DEVIL	KB	5.0	5.3	7.0	5.7	5.0	6.3	7.0	6.7	6.7	6.7
NAI-13-132	KB	6.7	5.7	6.7	5.3	6.0	6.7	7.7	7.0	6.7	7.7
BABE	KB	4.7	6.3	6.7	5.7	6.0	7.3	5.7	6.7	7.0	7.3
BARRARI	KB	4.0	4.3	5.0	4.7	6.3	7.3	8.0	7.3	6.7	7.0
EVEREST	KB	6.7	5.7	6.7	5.7	5.0	6.3	6.3	6.3	6.7	7.7
PST-K11-118	KB	5.0	5.0	6.0	5.7	6.3	7.0	6.3	6.0	6.3	6.3
PST-K13-137	KB	6.0	5.0	5.3	4.7	5.3	6.7	6.7	6.7	7.0	6.7
MIDNIGHT	KB	7.3	5.7	7.0	5.3	5.3	6.3	6.7	7.0	7.0	7.7
NAI-13-14	KB	6.7	6.0	6.7	4.7	4.7	6.3	6.0	6.7	6.3	7.3
BLUE NOTE	KB	4.0	6.0	6.3	5.0	6.3	8.0	7.3	7.0	6.7	7.0
DAUNTLESS	KB	5.3	6.7	5.7	5.3	6.0	6.3	6.0	5.7	6.7	7.0
BAR PP 110358	KB	4.0	4.7	6.0	5.3	6.7	7.7	6.3	5.0	5.7	6.3
PST-K15-169	KB	6.0	6.0	5.7	4.0	4.0	6.3	6.3	6.3	6.7	7.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.0	7.3	6.7	4.7	4.7	7.0	6.3	6.3	6.3	7.0
LSD VALUE		3.1	4.6	2.6	2.5	1.6	2.8	3.9	2.7	4.6	2.3
C.V. (%)		24.2	26.9	16.3	18.2	15.5	14.1	19.1	15.1	18.9	11.3

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

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

TABLE 15B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN									
		JUNE 6	JUNE 13	JUNE 20	JUNE 27	JULY 3	JULY 11	JULY 18	JULY 25	AUG 1	AUG 8
PST-K13-143	KB	5.7	6.3	5.3	6.3	5.3	5.7	5.3	6.0	5.0	4.0
PST-K13-141	KB	6.7	6.3	6.7	7.0	5.3	6.0	5.0	5.3	5.3	4.7
BLUE DEVIL	KB	6.0	5.3	6.0	5.7	5.0	5.7	4.3	4.3	5.0	4.0
NAI-13-132	KB	6.3	4.3	5.7	5.7	5.3	6.0	5.0	4.3	5.0	4.0
BABE	KB	5.3	4.7	5.0	5.7	5.0	5.0	4.7	4.7	5.0	4.0
BARRARI	KB	5.3	5.3	6.0	6.0	5.0	5.7	4.3	4.7	5.0	3.3
EVEREST	KB	6.0	5.3	5.0	6.3	5.0	5.0	4.3	4.3	5.0	4.0
PST-K11-118	KB	5.3	5.0	5.3	5.7	5.0	5.3	5.0	4.7	5.0	4.7
PST-K13-137	KB	5.3	5.7	5.3	5.3	5.0	5.3	4.3	4.3	5.0	3.7
MIDNIGHT	KB	6.3	4.7	5.0	5.0	5.0	5.0	4.0	3.7	5.3	4.0
NAI-13-14	KB	5.7	4.7	5.7	5.0	5.0	5.3	4.3	4.3	4.7	3.7
BLUE NOTE	KB	5.3	4.3	5.7	4.7	5.0	5.0	4.7	4.7	4.7	3.3
DAUNTLESS	KB	5.3	4.7	5.0	5.7	5.0	5.0	4.3	5.3	5.0	3.7
BAR PP 110358	KB	5.3	4.7	5.0	5.3	4.7	5.0	4.3	3.7	4.3	3.0
PST-K15-169	KB	5.7	4.0	5.0	4.3	5.0	5.0	4.3	4.3	4.7	3.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.3	5.7	5.7	5.0	5.3	5.0	3.7	4.3	4.7	3.0
LSD VALUE		2.8	4.2	2.8	4.6	1.2	1.8	3.5	3.1	1.3	2.0
C.V. (%)		16.0	26.9	17.1	26.1	7.6	12.2	23.2	23.5	9.2	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 15B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN											MEAN
		AUG 15	AUG 22	AUG 29	SEPT 5	SEPT 12	SEPT 19	SEPT 26	OCT 10	OCT 23	NOV 7	DEC 13	
PST-K13-143	KB	4.7	2.7	3.3	4.3	4.7	5.0	5.0	7.0	7.7	6.3	6.7	5.8
PST-K13-141	KB	5.0	2.3	4.0	5.0	5.0	5.0	5.3	6.7	6.7	6.0	5.7	5.7
BLUE DEVIL	KB	4.0	2.7	2.7	4.3	4.3	4.7	5.0	6.3	7.3	6.0	6.3	5.4
NAI-13-132	KB	4.0	2.0	2.3	4.0	4.3	4.3	5.0	6.7	7.3	6.7	6.0	5.4
BABE	KB	3.7	3.0	3.3	4.0	4.0	4.7	4.3	6.0	6.7	5.7	6.3	5.3
BARRARI	KB	3.7	2.0	3.3	4.3	4.3	5.0	5.0	6.0	6.7	5.3	6.0	5.3
EVEREST	KB	4.0	2.3	2.7	4.3	4.3	4.3	4.3	6.3	7.3	6.3	6.0	5.3
PST-K11-118	KB	4.0	2.3	3.3	4.0	4.7	4.7	4.7	5.3	6.0	6.0	6.3	5.3
PST-K13-137	KB	3.7	2.3	3.3	4.7	5.0	5.0	5.0	5.3	6.3	5.7	5.7	5.2
MIDNIGHT	KB	3.7	2.3	2.0	3.7	4.0	4.0	4.3	5.7	5.7	5.7	5.7	5.1
NAI-13-14	KB	3.7	1.7	2.7	4.3	4.3	5.0	4.7	6.0	6.3	5.7	5.3	5.1
BLUE NOTE	KB	3.3	2.7	2.3	4.0	4.3	4.3	4.0	4.7	4.7	4.7	5.3	5.0
DAUNTLESS	KB	4.0	2.0	3.3	3.3	4.3	4.0	4.0	5.0	5.7	5.0	5.0	4.9
BAR PP 110358	KB	3.3	1.7	2.0	3.3	4.0	4.0	4.3	5.3	6.3	5.3	5.7	4.8
PST-K15-169	KB	3.7	1.7	3.0	3.7	3.7	4.0	3.7	5.7	5.7	5.0	4.7	4.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		3.7	2.0	2.0	2.7	3.0	3.3	3.3	4.3	4.7	4.0	5.3	4.7
LSD VALUE		1.9	1.6	2.1	1.9	1.9	3.2	2.7	4.4	5.8	5.8	4.5	1.9
C.V. (%)		18.4	27.4	29.9	19.8	17.2	23.0	21.3	25.1	29.3	30.5	23.3	12.3

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

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

TABLE 15B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		PERCENT PRE-DROUGHT COVER							
		DEC 12	FEB 12	MAR 12	MAR 26	APR 9	APR 23	MAY 8	MAY 30
PST-K13-143	KB	81.0	79.0	90.0	92.0	90.3	91.0	82.0	91.0
PST-K13-141	KB	76.0	64.7	68.7	88.0	91.0	93.0	88.0	94.3
BLUE DEVIL	KB	86.7	69.7	51.0	86.0	85.0	81.7	71.7	83.7
NAI-13-132	KB	83.0	66.3	57.3	89.0	92.7	91.7	75.3	92.0
BABE	KB	86.7	66.7	82.0	94.7	93.7	93.7	84.0	93.3
BARRARI	KB	79.7	62.3	67.0	90.0	93.0	89.7	75.3	91.7
EVEREST	KB	85.7	70.7	61.7	86.3	93.0	95.0	84.0	92.3
PST-K11-118	KB	83.3	72.0	83.3	91.7	90.0	83.0	75.7	92.0
PST-K13-137	KB	71.3	53.3	68.7	81.3	88.7	90.7	80.0	91.0
MIDNIGHT	KB	88.0	66.0	61.3	88.0	93.3	94.7	86.0	93.7
NAI-13-14	KB	82.7	59.3	52.0	87.0	90.3	94.3	81.7	94.3
BLUE NOTE	KB	85.7	62.7	66.0	95.0	95.7	94.7	74.3	89.0
DAUNTLESS	KB	82.3	66.7	81.0	95.0	94.0	87.0	81.7	93.0
BAR PP 110358	KB	87.3	68.7	79.3	94.0	77.7	66.7	67.0	87.3
PST-K15-169	KB	74.7	46.7	50.3	87.0	93.0	93.7	80.7	92.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		91.0	66.0	77.3	97.0	97.3	91.3	85.7	95.3
LSD VALUE		14.4	24.1	24.3	23.7	37.1	50.4	55.9	20.0
C.V. (%)		7.9	15.6	18.6	8.9	12.2	17.6	20.2	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 15B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN									
		JUN 6	JUN 13	JUN 20	JUN 27	JUL 3	JUL 11	JUL 18	JUL 25	AUG 1	AUG 8
PST-K13-143	KB	89.3	76.3	68.3	81.7	80.0	80.7	74.7	67.0	57.3	43.0
PST-K13-141	KB	92.7	85.0	75.7	83.7	80.0	79.3	61.7	68.7	61.0	55.7
BLUE DEVIL	KB	75.7	63.3	56.0	61.3	63.0	68.7	54.3	50.0	45.3	38.3
NAI-13-132	KB	85.3	57.0	48.7	61.7	65.3	69.3	53.0	48.0	31.3	32.3
BABE	KB	83.0	61.7	51.7	60.7	58.0	60.3	49.0	54.7	40.0	29.3
BARRARI	KB	79.3	65.0	54.0	64.7	56.3	52.0	30.3	34.3	29.0	13.3
EVEREST	KB	88.7	64.7	54.3	64.3	67.0	66.7	47.7	52.3	47.7	36.0
PST-K11-118	KB	91.3	88.0	81.0	85.7	82.7	82.3	59.0	67.0	47.0	37.3
PST-K13-137	KB	90.0	86.3	72.0	82.7	76.3	73.3	51.0	55.0	52.7	30.0
MIDNIGHT	KB	89.0	59.0	54.7	59.0	64.3	64.0	39.0	38.0	37.7	28.0
NAI-13-14	KB	87.3	69.0	55.7	66.7	68.7	67.0	46.3	45.3	45.3	36.3
BLUE NOTE	KB	75.0	60.0	45.3	51.3	36.7	51.7	32.7	39.3	36.3	24.7
DAUNTLESS	KB	88.0	74.7	58.0	67.7	63.3	68.3	59.7	61.0	55.3	44.3
BAR PP 110358	KB	76.7	62.0	56.7	64.0	61.0	66.7	46.7	49.7	36.3	25.7
PST-K15-169	KB	80.3	43.3	35.3	44.3	43.7	50.3	40.7	40.0	39.7	33.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		95.0	90.0	79.7	85.7	83.3	83.0	57.0	61.0	52.0	42.0
LSD VALUE		52.2	75.4	59.6	70.0	76.7	75.0	90.9	85.1	77.6	70.9
C.V. (%)		18.2	36.3	36.3	34.7	38.8	34.3	54.3	49.5	51.8	63.6

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 15B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN						PERCENT GREEN COVER DURING RECOVERY				
		AUG 15	AUG 22	AUG 29	SEP 5	SEP 12	SEP 19	SEP 26	OCT 10	OCT 23	NOV 7	DEC 13
PST-K13-143	KB	35.7	9.0	14.0	28.3	46.0	78.0	75.0	96.0	94.7	79.7	75.7
PST-K13-141	KB	42.0	16.0	25.0	46.7	53.0	76.3	87.0	96.3	93.3	77.0	73.3
BLUE DEVIL	KB	33.7	5.3	11.7	24.7	38.0	76.7	85.0	94.7	94.0	76.3	80.7
NAI-13-132	KB	21.7	5.0	9.3	17.0	28.3	57.7	67.7	90.3	88.3	79.7	76.3
BABE	KB	20.7	3.0	12.0	26.0	35.3	54.0	58.7	90.7	95.3	84.3	80.0
BARRARI	KB	7.0	2.7	2.7	10.7	13.3	49.0	57.7	82.0	69.7	58.7	66.7
EVEREST	KB	29.0	12.3	15.0	32.7	48.7	66.3	69.7	84.7	93.0	82.3	75.3
PST-K11-118	KB	33.0	3.0	7.0	22.0	41.3	69.3	78.0	94.3	96.7	88.0	85.3
PST-K13-137	KB	24.7	4.3	9.3	21.3	28.0	61.7	62.0	96.3	95.0	77.0	68.0
MIDNIGHT	KB	19.7	2.0	3.0	17.7	26.0	49.3	49.7	80.3	75.0	68.7	72.7
NAI-13-14	KB	28.7	7.0	13.7	21.0	34.0	67.0	75.0	97.0	95.3	84.7	76.7
BLUE NOTE	KB	17.7	1.7	6.3	18.3	33.3	57.7	62.3	89.7	84.0	72.3	76.3
DAUNTLESS	KB	42.0	20.7	35.3	46.3	50.7	63.3	67.3	83.0	92.0	73.0	73.3
BAR PP 110358	KB	14.7	0.0	2.0	6.7	20.7	52.0	62.0	49.0	84.0	76.3	80.3
PST-K15-169	KB	22.0	3.7	8.0	19.3	33.0	53.0	60.3	77.3	72.0	60.7	59.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		39.7	9.3	13.0	22.0	33.7	43.3	53.3	77.3	80.7	75.0	69.3
LSD VALUE		61.3	20.2	28.6	48.8	66.9	88.6	81.2	56.5	55.1	53.7	32.1
C.V. (%)		74.4	124.3	101.2	74.9	61.8	43.3	37.0	23.6	20.5	22.4	15.0

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

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

TABLE 15C.

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/									
NAME		GENETIC	WINTER	PRE-DROUGHT QUALITY RATINGS							
		COLOR	COLOR	DEC 12	FEB 12	MAR 12	MAR 26	APR 9	APR 23	MAY 8	MAY 30
MIDNIGHT	KB	7.0	6.7	7.3	6.0	5.7	8.0	8.7	8.0	7.7	8.0
PST-K13-141	KB	7.0	5.7	5.3	5.3	6.3	7.7	8.3	8.0	7.3	7.3
NAI-13-14	KB	6.7	5.7	6.0	5.0	5.0	7.3	8.7	7.0	7.3	7.7
PST-K13-137	KB	6.7	7.7	5.7	5.0	6.7	8.3	8.7	8.0	8.0	7.0
NAI-13-132	KB	6.3	6.0	6.3	5.3	5.0	7.3	8.3	8.0	7.3	7.7
BLUE DEVIL	KB	6.3	4.3	6.0	5.3	5.0	6.3	7.7	6.7	7.0	7.3
PST-K11-118	KB	4.3	5.0	6.3	5.7	6.7	7.7	7.0	6.3	6.0	6.7
PST-K13-143	KB	6.3	6.3	5.3	5.3	7.0	8.0	8.0	7.3	7.0	7.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		7.0	7.7	7.7	6.0	7.3	8.0	8.3	8.0	7.3	7.0
BAR PP 110358	KB	5.0	4.0	4.7	3.0	6.0	7.0	7.3	7.0	7.0	7.0
EVEREST	KB	6.7	6.7	6.7	5.3	5.0	7.7	8.3	7.0	6.3	8.0
BLUE NOTE	KB	6.0	7.0	5.7	4.7	5.7	7.3	7.3	6.7	6.7	7.0
BABE	KB	5.0	4.3	5.3	5.0	6.7	6.7	6.7	6.7	6.3	7.0
DAUNTLESS	KB	5.0	5.0	5.3	3.7	6.7	7.0	7.3	7.0	6.3	7.0
BARRARI	KB	4.3	5.0	5.0	4.0	6.0	7.0	8.0	6.7	7.0	7.0
PST-K15-169	KB	5.7	6.3	6.0	5.3	5.3	7.7	7.7	6.3	6.3	7.0
LSD VALUE		2.4	1.8	2.0	2.1	1.2	3.0	1.6	2.4	1.7	1.4
C.V. (%)		18.9	17.4	16.0	19.6	11.2	13.6	9.4	13.1	10.5	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 15C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN									
		JUNE 6	JUNE 13	JUNE 20	JUNE 27	JULY 3	JULY 11	JULY 18	JULY 25	AUG 1	AUG 8
MIDNIGHT	KB	7.3	4.0	5.0	4.3	5.3	5.7	6.7	7.3	6.7	7.7
PST-K13-141	KB	6.7	4.0	5.3	5.3	5.3	6.0	7.0	8.3	5.7	7.3
NAI-13-14	KB	6.7	3.0	5.0	4.7	5.3	5.7	5.7	7.3	6.3	7.3
PST-K13-137	KB	5.7	4.7	5.7	5.0	5.0	5.0	6.0	6.7	5.7	7.0
NAI-13-132	KB	5.7	5.0	5.7	4.7	5.7	5.7	5.3	6.3	5.7	7.0
BLUE DEVIL	KB	6.3	2.7	4.7	4.7	5.0	5.0	5.7	7.3	5.0	7.3
PST-K11-118	KB	6.0	4.3	5.3	5.3	5.3	5.3	6.7	7.3	4.7	6.3
PST-K13-143	KB	5.7	3.3	5.3	5.0	5.3	5.0	6.0	7.0	5.0	6.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.7	4.3	5.0	5.7	5.3	5.3	5.3	5.7	5.7	6.3
BAR PP 110358	KB	6.3	3.7	5.7	5.0	5.3	5.3	6.0	7.7	5.3	7.0
EVEREST	KB	6.0	3.0	4.7	5.0	5.0	5.0	5.3	6.3	5.3	6.7
BLUE NOTE	KB	5.3	4.7	5.0	5.3	5.0	5.0	5.7	7.0	5.0	6.7
BABE	KB	5.7	3.7	5.0	4.7	5.0	5.0	5.7	6.7	5.0	6.7
DAUNTLESS	KB	6.0	3.0	5.0	4.7	5.3	5.0	6.0	7.0	5.0	6.3
BARRARI	KB	5.3	3.7	5.0	5.0	5.0	5.0	5.3	5.7	4.7	6.3
PST-K15-169	KB	5.0	4.0	5.0	4.7	5.0	5.0	5.0	5.3	5.0	5.7
LSD VALUE		2.0	4.1	2.9	2.7	1.7	1.5	3.0	3.3	1.4	2.7
C.V. (%)		13.9	35.5	16.4	16.4	9.9	10.4	17.6	18.3	12.4	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 15C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN											MEAN
		AUG 15	AUG 22	AUG 29	SEPT 5	SEPT 12	SEPT 19	SEPT 26	OCT 10	OCT 23	NOV 7	DEC 13	
MIDNIGHT	KB	8.7	8.0	8.0	7.7	7.3	7.3	7.7	8.7	8.7	7.0	8.3	7.1
PST-K13-141	KB	8.0	7.7	7.3	7.3	7.3	7.3	7.3	8.0	8.3	6.0	8.0	6.9
NAI-13-14	KB	8.7	7.7	7.3	7.0	7.0	7.3	7.3	8.7	9.0	6.3	8.3	6.7
PST-K13-137	KB	8.0	7.0	7.3	7.0	6.7	7.0	6.7	8.3	8.0	6.0	7.0	6.6
NAI-13-132	KB	7.7	7.0	6.7	6.3	6.0	6.7	6.3	8.3	8.7	6.3	7.7	6.5
BLUE DEVIL	KB	8.0	7.3	8.0	6.7	6.3	7.0	6.3	8.3	8.3	7.0	8.3	6.4
PST-K11-118	KB	7.0	6.0	7.3	5.7	6.3	6.7	7.3	7.7	7.7	6.0	8.0	6.4
PST-K13-143	KB	6.7	7.0	7.3	6.0	6.0	6.7	6.7	8.0	8.0	6.3	8.0	6.4
SR 4650 (P.RYEGRASS STANDARD ENTRY)		7.7	6.7	5.3	6.0	5.3	5.3	6.3	8.0	8.0	6.3	8.0	6.4
BAR PP 110358	KB	8.0	7.3	7.3	6.3	6.0	6.7	6.7	8.0	8.0	5.0	7.0	6.3
EVEREST	KB	7.7	6.3	7.3	5.7	5.7	6.0	6.3	8.0	8.7	7.0	8.3	6.3
BLUE NOTE	KB	6.3	6.7	7.3	5.0	6.0	6.7	6.3	8.0	7.7	6.7	7.3	6.2
BABE	KB	6.0	6.7	7.0	6.0	6.3	6.3	6.3	8.0	7.7	5.3	7.3	6.1
DAUNTLESS	KB	7.3	6.7	7.0	5.3	6.3	6.7	6.3	7.7	7.7	6.0	7.7	6.1
BARRARI	KB	6.7	6.0	6.3	4.7	6.0	6.3	6.3	7.0	7.0	5.0	6.0	5.8
PST-K15-169	KB	5.7	5.3	6.0	5.3	5.3	6.3	6.3	7.0	6.7	6.3	6.7	5.8
LSD VALUE		3.1	2.4	2.2	3.1	2.3	2.6	3.2	2.3	1.6	2.8	2.2	1.3
C.V. (%)		17.2	14.3	13.1	20.2	14.4	13.8	15.1	10.3	9.2	16.6	12.4	8.1

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

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

TABLE 15C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		PERCENT PRE-DROUGHT COVER							
		DEC 12	FEB 12	MAR 12	MAR 26	APR 9	APR 23	MAY 8	MAY 30
MIDNIGHT	KB	87.3	73.3	54.3	93.3	94.7	94.0	85.7	91.7
PST-K13-141	KB	77.3	62.3	67.7	91.3	91.3	95.0	89.0	95.3
NAI-13-14	KB	80.3	64.0	41.3	89.7	92.0	81.0	80.7	92.0
PST-K13-137	KB	77.0	62.7	81.3	95.7	95.0	94.3	89.0	93.0
NAI-13-132	KB	84.0	63.0	43.3	90.7	91.7	90.3	84.3	91.7
BLUE DEVIL	KB	80.3	68.3	49.0	79.3	84.7	76.7	74.7	92.0
PST-K11-118	KB	87.7	71.7	79.3	95.0	92.3	84.7	70.7	92.0
PST-K13-143	KB	77.0	68.7	83.7	92.0	92.3	92.3	86.0	93.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		94.3	77.7	89.0	98.0	95.7	91.7	91.3	96.3
BAR PP 110358	KB	75.3	41.3	66.0	93.0	93.7	94.7	91.0	96.0
EVEREST	KB	85.3	64.7	56.3	93.0	95.7	93.7	87.0	90.3
BLUE NOTE	KB	81.0	61.7	76.0	96.3	95.0	95.0	91.0	95.0
BABE	KB	76.0	63.0	68.3	82.7	90.3	86.0	80.3	92.7
DAUNTLESS	KB	75.0	42.7	64.3	91.0	90.0	85.3	79.3	91.3
BARRARI	KB	76.7	54.7	66.3	94.0	95.3	87.7	81.3	90.0
PST-K15-169	KB	77.7	68.0	64.0	92.7	88.3	70.7	77.7	91.3
LSD VALUE		12.8	21.8	20.0	14.9	11.6	34.6	27.1	11.1
C.V. (%)		7.7	17.2	17.7	6.9	4.9	14.0	12.0	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 15C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN									
		JUN 6	JUN 13	JUN 20	JUN 27	JUL 3	JUL 11	JUL 18	JUL 25	AUG 1	AUG 8
MIDNIGHT	KB	88.0	23.3	18.7	33.3	52.3	77.7	89.0	94.0	95.3	96.0
PST-K13-141	KB	93.7	53.0	38.7	72.3	79.3	93.7	98.3	98.0	99.0	99.0
NAI-13-14	KB	85.7	20.0	16.0	36.3	49.3	77.3	83.0	91.3	93.3	98.3
PST-K13-137	KB	93.0	73.0	49.7	69.0	71.0	83.3	86.0	85.0	88.7	88.0
NAI-13-132	KB	85.3	52.7	27.0	45.3	53.0	68.7	81.0	86.3	91.3	94.7
BLUE DEVIL	KB	85.3	11.7	10.3	34.7	53.3	77.0	87.3	89.7	95.7	97.3
PST-K11-118	KB	89.3	72.7	51.3	81.0	90.7	96.0	95.0	96.0	94.3	95.3
PST-K13-143	KB	89.7	53.0	42.0	69.0	70.7	80.7	89.3	91.7	90.7	93.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		95.0	89.3	72.0	90.3	90.3	90.7	87.0	92.7	94.7	93.0
BAR PP 110358	KB	94.0	62.3	42.0	69.3	78.7	91.0	94.7	96.0	98.0	98.7
EVEREST	KB	74.7	46.3	29.3	55.3	63.7	75.7	69.0	81.7	71.0	77.3
BLUE NOTE	KB	94.7	78.0	47.3	83.3	91.3	97.0	98.0	97.7	99.0	99.0
BABE	KB	82.7	42.7	34.3	52.0	57.7	66.3	71.0	79.3	89.0	93.3
DAUNTLESS	KB	81.0	36.7	25.7	59.0	75.0	74.3	73.0	76.3	74.0	79.0
BARRARI	KB	77.0	44.0	32.7	56.7	61.0	61.0	56.3	65.0	75.7	80.7
PST-K15-169	KB	85.3	64.3	46.7	66.3	71.0	74.0	65.7	74.7	65.0	69.3
LSD VALUE		30.2	58.9	42.8	39.6	45.8	56.3	64.6	53.5	53.5	44.4
C.V. (%)		12.3	52.2	53.1	32.0	28.0	24.2	26.9	20.6	21.3	17.4

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 KENTUCKY BLUEGRASS CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN						PERCENT GREEN COVER DURING RECOVERY				
		AUG 15	AUG 22	AUG 29	SEP 5	SEP 12	SEP 19	SEP 26	OCT 10	OCT 23	NOV 7	DEC 13
MIDNIGHT	KB	97.3	96.3	97.7	89.3	87.0	91.7	91.3	97.3	95.0	86.7	83.0
PST-K13-141	KB	98.7	97.7	98.7	96.0	93.0	93.7	94.0	97.0	94.7	80.3	80.3
NAI-13-14	KB	97.0	97.0	97.7	87.3	84.7	90.7	89.3	96.3	94.7	83.7	82.7
PST-K13-137	KB	91.7	89.7	94.7	92.7	85.3	90.0	88.0	94.7	87.7	60.7	64.7
NAI-13-132	KB	96.7	95.3	91.0	81.7	72.3	87.7	89.7	96.7	93.0	73.0	73.3
BLUE DEVIL	KB	98.3	98.3	98.3	92.3	84.3	89.7	88.7	97.7	96.7	89.7	86.7
PST-K11-118	KB	96.7	95.3	96.7	90.3	82.7	89.7	91.0	98.7	96.0	82.7	84.7
PST-K13-143	KB	97.3	96.7	97.7	92.7	83.0	88.7	87.3	94.0	93.3	77.7	78.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		94.0	95.0	94.3	89.0	87.7	91.0	91.7	98.0	98.0	92.3	90.7
BAR PP 110358	KB	98.7	98.0	98.7	86.7	73.3	83.7	88.7	97.7	95.3	76.0	76.7
EVEREST	KB	93.3	91.7	93.7	86.3	77.0	87.0	84.3	97.3	95.7	87.0	84.7
BLUE NOTE	KB	99.0	99.0	99.0	94.3	88.3	92.3	91.7	96.7	94.3	70.0	68.7
BABE	KB	94.7	95.3	96.7	80.7	81.3	89.3	89.7	96.0	90.3	52.0	65.0
DAUNTLESS	KB	89.7	88.0	92.0	83.3	81.0	90.7	90.7	95.7	93.0	70.0	73.7
BARRARI	KB	84.3	74.0	80.3	73.7	68.0	81.3	82.7	93.0	88.0	58.7	62.3
PST-K15-169	KB	82.3	80.0	93.0	88.3	83.3	91.0	88.0	94.7	92.0	76.3	78.7
LSD VALUE		30.0	37.8	28.5	40.8	43.0	21.2	23.1	4.6	9.3	22.3	14.1
C.V. (%)		10.5	13.8	9.8	14.4	16.6	7.5	7.7	2.1	4.2	15.4	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 16A.

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/									
NAME		GENETIC	WINTER	PRE-DROUGHT QUALITY RATINGS							
		COLOR	COLOR	DEC 12	FEB 12	MAR 12	MAR 26	APR 9	APR 23	MAY 8	MAY 30
KINGDOM	TF	6.7	7.0	5.0	5.3	5.0	5.7	5.0	5.7	6.3	6.7
LTP-SYN-A3	TF	6.3	7.0	4.7	5.3	5.7	6.0	6.0	5.3	5.3	7.0
NONET	TF	5.7	5.0	4.7	4.3	5.3	5.0	5.0	5.3	5.3	6.3
SUPERSONIC	TF	5.7	7.0	4.7	5.7	5.3	6.0	5.3	5.0	5.3	7.0
THUNDERSTRUCK	TF	6.0	5.7	5.0	5.7	5.0	6.0	5.7	6.0	5.7	6.3
BAR FA 121095	TF	7.0	6.3	4.0	4.0	5.0	5.3	5.0	5.0	6.0	7.0
CATALYST	TF	6.0	6.7	4.3	5.3	5.3	6.0	5.0	5.3	5.3	6.7
DLFPS 321/3677	TF	6.3	6.0	4.7	4.3	4.7	5.0	5.3	5.3	5.3	6.3
PST-R511	TF	6.0	6.7	4.7	5.3	5.3	5.7	5.7	5.3	5.7	6.7
TITANIUM 2LS	TF	5.3	6.7	4.7	5.7	5.7	5.3	5.3	5.0	5.0	6.7
BARROBUSTO	TF	5.7	5.0	5.0	4.3	4.7	5.0	4.0	4.7	5.0	5.7
GO-AOMK	TF	7.3	5.7	3.3	3.3	5.3	5.0	5.0	5.7	5.3	6.7
RS4	TF	5.7	5.3	4.3	4.7	5.0	5.7	5.7	5.7	5.7	6.7
STETSON II	TF	5.7	5.3	3.7	4.0	5.0	5.7	5.3	5.0	6.0	6.7
DLFPS 321/3679	TF	6.3	5.7	4.0	4.7	4.7	5.3	4.7	5.0	6.0	7.0
MRS� TF15	TF	6.7	7.3	5.0	5.0	4.7	5.0	5.0	5.0	5.0	6.3
DLFPS 321/3678	TF	5.7	6.7	4.0	4.3	4.3	5.3	5.0	5.3	5.3	6.3
PST-5SDS	TF	6.0	5.0	4.3	4.0	4.3	5.0	4.7	5.0	5.7	6.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.3	6.3	5.0	3.0	4.0	4.7	4.7	5.0	5.3	5.3
THOR	TF	6.3	4.3	4.3	4.0	4.3	5.0	4.7	5.0	5.3	5.7
LSD VALUE		3.6	4.2	3.0	2.5	2.9	2.5	2.6	1.9	2.8	2.5
C.V. (%)		17.4	23.8	21.0	22.8	18.2	14.6	16.4	11.7	14.6	12.7

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

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

TABLE 16A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN									
		JUNE 6	JUNE 13	JUNE 20	JUNE 27	JULY 3	JULY 11	JULY 18	JULY 25	AUG 1	AUG 8
KINGDOM	TF	6.7	5.0	6.7	5.0	5.7	5.0	2.7	3.0	3.3	2.0
LTP-SYN-A3	TF	6.0	5.7	6.0	5.3	5.3	4.7	1.7	2.3	4.0	2.3
NONET	TF	5.7	5.0	6.0	4.7	5.3	5.0	2.7	3.0	4.0	2.0
SUPERSONIC	TF	6.7	5.7	6.7	4.7	5.0	4.7	2.7	2.3	3.7	2.0
THUNDERSTRUCK	TF	6.7	5.0	7.0	5.7	5.7	4.7	2.3	2.7	3.3	2.3
BAR FA 121095	TF	6.3	5.7	6.7	5.3	5.3	4.7	1.7	2.3	3.7	2.3
CATALYST	TF	6.0	5.0	6.3	4.7	5.0	4.7	1.7	2.0	3.3	2.0
DLFPS 321/3677	TF	6.0	5.3	6.7	5.7	5.3	4.7	2.3	2.3	3.0	2.0
PST-R511	TF	6.3	5.3	6.3	4.7	5.0	5.0	2.0	2.7	3.7	2.0
TITANIUM 2LS	TF	5.7	4.3	5.7	5.0	5.0	4.3	2.3	2.7	3.3	2.0
BARROBUSTO	TF	5.7	4.3	5.7	4.0	4.7	4.0	2.7	3.0	3.7	2.0
GO-AOMK	TF	6.0	5.0	6.7	4.3	5.0	4.7	1.7	2.3	3.3	2.0
RS4	TF	6.0	4.0	6.0	5.0	5.0	4.7	1.3	2.7	3.3	2.0
STETSON II	TF	5.7	5.0	6.7	4.7	4.7	3.3	1.3	2.3	3.3	2.0
DLFPS 321/3679	TF	6.7	5.3	6.7	5.3	5.0	4.3	1.3	1.7	3.0	2.0
MRS� TF15	TF	6.0	4.0	5.3	4.7	5.0	4.3	1.7	2.0	3.3	2.0
DLFPS 321/3678	TF	5.3	4.7	6.3	4.7	4.7	4.3	1.3	2.7	3.0	2.0
PST-5SDS	TF	5.3	4.7	5.7	4.3	5.0	4.7	2.0	2.3	3.3	2.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.0	4.7	5.0	4.3	5.0	4.3	1.3	2.0	3.3	2.3
THOR	TF	5.7	4.0	5.3	3.7	4.3	3.7	1.0	2.0	3.0	2.0
LSD VALUE		2.4	4.5	3.0	3.1	2.6	1.9	2.3	2.8	1.3	0.8
C.V. (%)		13.7	26.0	16.2	20.6	14.6	15.3	44.7	33.6	13.7	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 16A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN											MEAN
		AUG 15	AUG 22	AUG 29	SEPT 5	SEPT 12	SEPT 19	SEPT 26	OCT 10	OCT 23	NOV 7	DEC 13	
KINGDOM	TF	3.7	1.0	1.3	2.7	3.0	3.3	3.3	3.7	5.3	5.3	5.0	4.4
LTP-SYN-A3	TF	3.3	1.0	1.0	2.0	2.0	2.7	3.0	4.0	5.0	4.3	4.3	4.2
NONET	TF	3.7	1.0	1.3	2.7	2.3	3.3	3.3	4.0	5.3	4.7	5.0	4.2
SUPERSONIC	TF	3.0	1.0	2.0	1.7	2.3	2.7	3.0	4.3	5.0	4.7	4.3	4.2
THUNDERSTRUCK	TF	3.3	1.0	1.7	2.0	2.7	2.7	3.0	3.3	4.7	3.7	4.0	4.2
BAR FA 121095	TF	3.3	1.0	1.7	2.3	2.7	3.0	3.0	4.0	5.0	4.0	4.3	4.1
CATALYST	TF	3.0	1.0	2.0	2.7	2.3	2.7	2.7	4.0	5.0	4.3	4.7	4.1
DLFPS 321/3677	TF	3.3	1.0	1.3	2.0	2.3	3.0	3.3	4.3	5.0	4.3	4.7	4.1
PST-R511	TF	2.7	1.0	1.3	1.7	2.7	3.0	3.0	4.0	5.0	4.3	4.3	4.1
TITANIUM 2LS	TF	3.0	1.0	1.3	2.0	2.0	2.3	2.7	4.0	4.7	3.7	4.3	4.0
BARROBUSTO	TF	3.3	1.3	1.7	2.0	2.3	3.0	3.0	3.3	5.0	4.7	4.0	3.9
GO-AOMK	TF	3.3	1.0	1.3	2.0	2.3	3.0	2.7	4.0	5.0	4.3	4.3	3.9
RS4	TF	3.0	1.0	1.3	2.0	2.0	2.3	2.3	3.7	4.7	3.3	3.7	3.9
STETSON II	TF	3.0	1.0	1.7	2.0	2.0	2.3	3.0	3.7	5.0	4.0	4.0	3.9
DLFPS 321/3679	TF	3.0	1.0	1.0	1.7	1.7	2.0	2.7	3.3	3.7	3.3	3.0	3.8
MRSL TF15	TF	3.3	1.0	1.3	2.0	2.3	2.0	2.3	3.7	5.0	3.7	4.3	3.8
DLFPS 321/3678	TF	2.7	1.0	1.0	1.7	2.0	2.3	2.3	4.0	4.3	4.0	4.0	3.7
PST-5SDS	TF	3.0	1.0	1.0	1.7	2.0	2.3	2.3	3.3	5.0	4.0	4.0	3.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)	TF	2.7	1.3	1.3	2.0	2.0	2.7	2.3	4.3	5.0	4.7	4.7	3.7
THOR	TF	3.0	1.0	1.0	1.3	2.0	2.3	2.3	3.3	4.0	3.3	3.3	3.4
LSD VALUE		1.5	0.5	1.8	2.5	1.3	1.5	1.3	2.6	1.1	1.9	2.0	1.1
C.V. (%)		15.9	17.2	41.7	37.0	22.0	22.1	18.6	19.7	10.6	18.5	17.8	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 16A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		PERCENT PRE-DROUGHT GREEN COVER							
		DEC 12	FEB 12	MAR 12	MAR 26	APR 9	APR 23	MAY 8	MAY 30
KINGDOM	TF	75.0	61.0	79.0	93.7	95.0	94.3	89.3	94.0
LTP-SYN-A3	TF	74.3	66.3	82.0	95.0	95.3	96.0	89.3	95.0
NONET	TF	71.3	53.7	70.7	85.7	90.3	94.3	84.7	93.0
SUPERSONIC	TF	72.3	65.3	84.3	94.0	93.0	93.3	81.3	92.7
THUNDERSTRUCK	TF	75.3	63.7	72.7	86.3	92.3	95.0	69.7	92.0
BAR FA 121095	TF	66.7	47.7	68.3	90.3	94.0	95.0	88.0	94.7
CATALYST	TF	71.7	62.7	82.0	93.7	95.3	95.0	85.3	94.3
DLFPS 321/3677	TF	71.7	56.7	75.3	91.3	93.3	95.3	88.7	94.3
PST-R511	TF	75.7	71.3	86.0	96.3	96.0	95.7	91.7	94.3
TITANIUM 2LS	TF	75.7	68.3	81.7	93.0	86.3	88.3	72.7	86.0
BARROBUSTO	TF	72.3	57.0	69.0	81.3	88.7	91.0	79.0	90.3
GO-AOMK	TF	58.7	43.0	61.3	86.3	91.7	93.0	82.0	91.3
RS4	TF	71.3	58.0	73.7	88.7	92.7	93.3	69.7	92.0
STETSON II	TF	63.7	51.0	64.3	84.7	91.0	85.3	76.7	89.7
DLFPS 321/3679	TF	68.7	52.7	71.0	87.3	91.7	89.7	82.3	94.7
MRS� TF15	TF	73.3	62.0	76.7	91.7	90.7	91.0	78.7	91.7
DLFPS 321/3678	TF	67.0	57.7	78.0	91.3	94.3	94.0	68.3	92.0
PST-5SDS	TF	69.3	51.0	66.7	84.7	93.3	95.0	90.0	94.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		77.0	39.3	53.7	90.7	96.0	95.3	85.0	93.3
THOR	TF	67.0	50.0	60.7	76.3	89.0	93.3	82.3	92.7
LSD VALUE		26.3	19.3	29.6	25.7	17.4	17.9	37.1	13.8
C.V. (%)		11.9	16.7	16.6	9.7	5.7	5.9	15.3	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 16A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN									
		JUN 6	JUN 13	JUN 20	JUN 27	JUL 3	JUL 11	JUL 18	JUL 25	AUG 1	AUG 8
KINGDOM	TF	92.3	89.7	76.0	81.3	58.7	37.7	11.7	12.0	14.7	15.7
LTP-SYN-A3	TF	94.0	92.7	80.3	82.0	52.7	29.3	1.3	2.3	15.7	18.7
NONET	TF	92.0	73.7	62.3	72.0	54.7	36.7	21.3	22.7	21.0	16.3
SUPERSONIC	TF	91.0	90.3	82.3	60.7	24.0	21.3	3.7	6.7	9.7	15.3
THUNDERSTRUCK	TF	91.0	72.7	72.3	59.0	29.0	19.3	2.7	6.7	11.0	13.0
BAR FA 121095	TF	93.0	91.0	83.3	84.3	49.0	29.3	3.0	4.3	18.7	22.0
CATALYST	TF	93.0	86.7	76.0	76.7	49.3	22.3	2.3	4.0	9.7	17.0
DLFPS 321/3677	TF	93.7	94.0	83.3	82.7	56.7	36.0	5.3	8.0	11.7	9.0
PST-R511	TF	92.7	90.3	83.0	78.3	45.7	33.0	6.0	7.3	19.0	13.7
TITANIUM 2LS	TF	68.7	61.0	56.7	62.0	53.3	38.3	14.0	17.7	21.7	19.0
BARROBUSTO	TF	86.0	67.0	59.0	42.7	18.0	17.0	6.0	12.3	22.7	24.3
GO-AOMK	TF	89.7	87.7	81.7	79.0	49.7	21.0	3.7	3.7	15.7	15.7
RS4	TF	90.7	57.7	52.3	57.3	31.7	12.7	1.7	3.3	14.0	14.0
STETSON II	TF	87.3	90.3	83.7	63.3	29.7	19.7	3.3	3.7	12.0	9.3
DLFPS 321/3679	TF	93.7	87.7	76.3	68.0	23.3	13.0	0.7	1.0	3.7	7.0
MRSLS TF15	TF	75.7	41.7	36.0	49.7	53.7	31.0	1.3	3.3	11.0	16.3
DLFPS 321/3678	TF	90.3	81.3	74.3	53.7	20.7	12.0	1.0	3.7	6.0	7.3
PST-5SDS	TF	92.7	73.7	69.0	58.3	26.7	14.3	3.0	3.3	10.0	13.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		91.3	78.0	72.0	72.7	38.3	18.3	2.3	3.3	10.0	14.0
THOR	TF	90.7	67.7	67.0	45.7	5.3	5.0	0.0	1.0	6.3	9.0
LSD VALUE		38.4	64.9	64.1	69.3	78.4	68.2	29.6	29.2	12.6	24.9
C.V. (%)		13.5	29.2	30.4	34.6	69.4	87.2	202.9	150.5	46.6	56.7

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 TALL FESCUE CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN						PERCENT GREEN COVER DURING RECOVERY				
		AUG 15	AUG 22	AUG 29	SEP 5	SEP 12	SEP 19	SEP 26	OCT 10	OCT 23	NOV 7	DEC 13
KINGDOM	TF	7.0	1.3	1.3	5.3	9.0	27.0	37.0	90.0	94.0	77.3	64.0
LTP-SYN-A3	TF	11.0	0.7	1.7	7.0	9.3	28.7	36.7	85.7	88.0	74.0	61.3
NONET	TF	9.7	0.3	0.7	3.3	9.0	27.3	34.7	82.0	88.3	72.0	55.0
SUPERSONIC	TF	14.0	0.7	2.0	8.3	14.0	36.0	41.7	75.0	88.0	71.7	58.3
THUNDERSTRUCK	TF	6.0	0.3	1.0	3.0	7.0	21.0	31.7	72.0	66.0	59.7	62.7
BAR FA 121095	TF	16.3	1.0	1.3	8.0	16.0	40.3	50.7	84.7	91.7	79.3	60.3
CATALYST	TF	14.7	1.3	1.7	6.0	8.7	22.0	25.3	69.7	83.7	75.7	67.3
DLFPS 321/3677	TF	4.0	0.3	1.3	5.7	10.7	29.3	40.7	81.3	91.7	72.7	55.0
PST-R511	TF	11.7	0.3	0.7	4.7	10.0	28.7	46.3	76.7	85.0	68.3	60.0
TITANIUM 2LS	TF	9.3	0.7	2.0	4.7	9.3	23.7	32.3	68.7	76.7	71.0	59.0
BARROBUSTO	TF	15.7	2.0	4.7	13.7	14.7	32.3	43.3	78.0	84.0	75.7	61.7
GO-AOMK	TF	12.0	0.3	1.3	7.3	15.7	35.0	43.0	78.0	87.7	75.7	54.7
RS4	TF	12.7	1.7	2.7	6.3	11.3	22.3	30.0	67.3	76.0	63.7	53.0
STETSON II	TF	6.7	1.3	3.0	8.7	12.0	26.7	35.3	75.7	79.7	72.7	61.3
DLFPS 321/3679	TF	3.0	0.0	0.3	1.7	4.0	13.3	13.3	41.7	53.7	47.7	37.0
MRS L TF15	TF	13.3	1.0	2.7	6.7	10.0	24.0	34.0	75.7	84.3	74.0	55.7
DLFPS 321/3678	TF	5.0	0.3	1.0	2.7	4.7	14.0	21.0	52.7	69.0	63.3	56.7
PST-5SDS	TF	2.7	0.3	1.3	3.0	6.0	17.3	24.0	76.7	83.0	71.3	57.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		11.0	1.0	2.3	9.0	15.0	34.0	40.7	79.7	87.3	82.0	75.3
THOR	TF	6.7	0.3	0.7	3.0	5.0	17.7	27.0	51.7	69.7	58.7	55.0
LS D VALUE		20.3	2.9	4.6	10.5	18.7	33.1	45.8	35.1	28.1	28.0	26.4
C.V. (%)		73.6	124.4	97.7	70.0	62.7	45.5	45.4	21.2	15.6	16.2	17.8

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

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

TABLE 16B.

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		GENETIC	WINTER	PRE-DROUGHT QUALITY RATINGS							
		COLOR	COLOR	DEC 12	FEB 12	MAR 12	MAR 26	APR 9	APR 23	MAY 8	MAY 30
GO-AOMK	TF	8.0	7.3	4.3	5.0	6.7	7.7	7.7	7.3	7.7	9.0
DLFPS 321/3678	TF	7.7	7.0	4.3	5.3	6.3	8.0	7.0	7.0	7.3	8.3
PST-5SDS	TF	5.3	6.0	4.3	5.3	6.7	7.0	6.7	6.7	6.7	8.3
BARROBUSTO	TF	6.0	5.7	4.3	4.7	6.7	6.7	7.0	6.7	6.7	8.0
DLFPS 321/3677	TF	8.0	6.7	4.7	5.7	7.0	8.0	7.3	6.7	6.7	8.3
STETSON II	TF	6.7	6.0	4.3	5.3	7.0	8.0	7.3	7.0	7.3	8.0
SUPERSONIC	TF	6.7	6.7	4.7	5.0	6.3	7.3	7.3	7.3	6.3	8.0
LTP-SYN-A3	TF	6.3	7.0	4.7	5.0	7.0	7.7	7.0	6.7	6.7	8.3
MRSL TF15	TF	7.7	6.3	5.0	5.7	7.0	8.3	7.7	7.0	7.3	8.3
DLFPS 321/3679	TF	7.3	7.0	4.7	5.0	6.3	7.7	7.3	7.0	7.3	8.3
RS4	TF	7.0	7.7	4.7	5.3	6.7	7.7	7.0	6.7	7.3	8.0
TITANIUM 2LS	TF	6.7	5.7	5.0	5.3	6.3	6.7	6.3	6.7	6.3	7.3
BAR FA 121095	TF	7.7	7.0	4.3	4.3	5.3	7.0	6.7	6.7	6.3	8.3
CATALYST	TF	6.3	7.0	5.3	6.3	6.7	7.0	6.3	6.7	6.0	7.7
KINGDOM	TF	6.7	6.7	4.7	5.3	6.0	6.7	7.0	6.7	7.3	7.0
THUNDERSTRUCK	TF	7.7	7.3	5.3	6.0	7.0	6.7	6.0	7.0	7.3	7.7
NONET	TF	4.7	5.3	4.3	5.3	5.7	7.0	6.3	6.3	6.3	7.3
PST-R511	TF	5.7	5.0	4.7	6.0	6.0	6.3	6.3	6.0	5.3	6.7
THOR	TF	5.3	6.0	5.0	5.7	7.0	8.0	7.3	6.0	6.3	8.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.0	7.3	6.7	4.7	4.7	7.0	6.3	6.3	6.3	7.0
LSD VALUE		1.9	3.4	2.0	3.4	2.1	2.6	2.8	2.5	1.9	1.8
C.V. (%)		15.0	18.4	16.8	19.1	13.6	12.7	13.2	11.1	12.0	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 16B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN									
		JUNE 6	JUNE 13	JUNE 20	JUNE 27	JULY 3	JULY 11	JULY 18	JULY 25	AUG 1	AUG 8
GO-AOMK	TF	7.7	7.7	7.7	7.0	7.3	7.0	6.0	5.3	5.0	4.3
DLFPS 321/3678	TF	7.7	6.3	7.7	6.7	6.3	7.0	5.7	5.3	5.7	4.7
PST-5SDS	TF	7.3	7.0	7.3	7.3	6.7	7.0	5.7	5.3	5.7	4.7
BARROBUSTO	TF	7.3	6.7	7.7	7.0	7.0	6.7	5.7	5.7	5.7	4.3
DLFPS 321/3677	TF	7.3	5.7	8.0	7.0	7.0	6.0	5.3	5.0	5.3	4.3
STETSON II	TF	7.3	7.3	7.7	7.3	7.0	6.7	5.7	5.7	5.3	4.0
SUPERSONIC	TF	7.3	6.7	7.3	6.7	7.0	6.7	6.0	6.0	5.7	5.0
LTP-SYN-A3	TF	7.0	6.0	7.3	7.0	6.3	6.0	5.0	5.3	5.7	4.7
MRSL TF15	TF	7.7	7.0	7.7	7.3	7.0	6.7	4.7	4.7	5.0	4.0
DLFPS 321/3679	TF	7.7	6.7	7.3	6.3	6.7	6.3	5.3	4.7	4.7	4.3
RS4	TF	7.0	6.0	8.0	7.0	7.0	6.7	6.0	6.0	5.7	4.3
TITANIUM 2LS	TF	6.7	6.7	7.0	7.3	6.7	6.7	5.0	5.0	4.7	4.3
BAR FA 121095	TF	7.7	6.0	7.0	6.3	6.3	6.0	5.7	5.7	5.3	4.3
CATALYST	TF	7.0	6.0	6.7	7.0	6.3	6.3	5.7	5.7	5.3	4.3
KINGDOM	TF	6.7	6.0	7.0	6.3	5.7	6.0	5.3	5.3	5.3	4.7
THUNDERSTRUCK	TF	6.7	6.3	7.0	6.7	6.7	6.0	5.3	5.0	5.0	4.3
NONET	TF	6.0	4.7	6.0	5.3	5.7	5.7	4.3	4.0	4.7	4.3
PST-R511	TF	5.7	5.3	6.3	6.3	5.7	6.0	4.3	4.0	4.3	4.0
THOR	TF	6.0	4.7	6.0	6.0	6.0	5.7	4.0	4.3	5.0	4.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.3	5.7	5.7	5.0	5.3	5.0	3.7	4.3	4.7	3.0
LSD VALUE		2.1	2.4	2.7	2.5	2.0	1.8	2.2	2.5	1.3	1.2
C.V. (%)		13.1	16.6	14.4	14.4	12.4	11.6	17.7	18.3	10.7	12.0

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

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

TABLE 16B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN											MEAN
		AUG 15	AUG 22	AUG 29	SEPT 5	SEPT 12	SEPT 19	SEPT 26	OCT 10	OCT 23	NOV 7	DEC 13	
GO-AOMK	TF	5.0	2.0	2.3	4.7	4.7	5.0	5.0	7.7	8.7	6.7	6.0	6.1
DLFPS 321/3678	TF	5.3	2.3	2.7	5.0	4.7	5.0	5.0	7.0	8.7	7.0	6.0	6.0
PST-5SDS	TF	5.3	1.7	2.3	4.7	5.0	5.3	5.7	6.7	8.3	8.0	6.0	6.0
BARROBUSTO	TF	5.0	2.3	2.3	4.7	4.7	5.3	5.3	6.7	8.0	7.0	6.3	5.9
DLFPS 321/3677	TF	5.0	3.0	3.3	5.0	4.3	4.7	5.0	5.7	7.3	5.3	5.7	5.9
STETSON II	TF	4.3	2.3	2.7	4.3	4.7	4.7	4.7	6.0	6.7	5.7	6.0	5.9
SUPERSONIC	TF	5.0	2.0	3.0	5.0	4.7	5.0	5.0	6.3	7.3	6.0	6.0	5.9
LTP-SYN-A3	TF	5.3	2.0	3.0	4.3	4.3	5.0	5.3	6.3	6.3	6.3	5.7	5.8
MRSL TF15	TF	4.3	2.0	2.3	4.7	4.3	4.3	4.7	5.7	6.3	5.7	5.7	5.8
DLFPS 321/3679	TF	4.3	1.3	2.0	4.7	4.0	4.7	4.7	6.3	7.3	6.3	6.0	5.7
RS4	TF	4.7	2.3	2.7	4.3	4.0	4.7	4.3	5.3	6.0	5.3	5.0	5.7
TITANIUM 2LS	TF	4.7	2.0	2.7	4.7	4.3	5.0	5.3	6.7	7.0	6.0	5.7	5.7
BAR FA 121095	TF	5.3	2.3	3.0	4.3	4.3	4.7	5.0	6.0	6.7	5.7	5.7	5.6
CATALYST	TF	4.3	2.0	3.0	4.3	4.0	5.0	5.0	5.7	6.0	6.0	5.7	5.6
KINGDOM	TF	4.3	3.0	2.7	5.0	4.7	5.0	5.0	6.0	6.7	5.7	6.0	5.6
THUNDERSTRUCK	TF	4.7	2.3	2.7	4.7	4.3	5.0	4.7	5.7	7.0	5.0	5.7	5.6
NONET	TF	4.3	1.7	2.7	4.0	4.3	4.7	4.7	5.3	6.0	5.7	5.3	5.1
PST-R511	TF	4.0	2.0	2.7	4.3	4.0	4.7	4.7	5.3	6.0	5.7	5.3	5.1
THOR	TF	3.7	1.7	1.7	3.7	3.7	4.0	4.0	4.7	5.3	4.7	4.3	5.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		3.7	2.0	2.0	2.7	3.0	3.3	3.3	4.3	4.7	4.0	5.3	4.7
LSD VALUE		1.0	2.7	2.3	1.2	1.8	1.1	1.9	2.3	3.4	2.8	2.9	1.2
C.V. (%)		11.9	38.3	28.7	13.3	15.5	10.9	15.5	16.9	21.0	20.2	15.6	8.9

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

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

TABLE 16B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		PERCENT PRE-DROUGHT COVER							
		DEC 12	FEB 12	MAR 12	MAR 26	APR 9	APR 23	MAY 8	MAY 30
GO-AOMK	TF	65.7	61.0	82.3	93.3	92.7	92.7	79.0	94.3
DLFPS 321/3678	TF	68.0	66.7	84.7	94.7	93.0	94.3	83.7	94.3
PST-5SDS	TF	71.7	69.0	88.3	91.0	91.7	94.0	81.3	93.7
BARROBUSTO	TF	69.7	58.0	80.0	91.7	91.0	93.3	82.0	93.7
DLFPS 321/3677	TF	73.7	68.7	87.3	94.0	94.0	94.0	87.0	95.0
STETSON II	TF	67.7	66.0	84.3	93.0	91.3	93.0	76.3	94.0
SUPERSONIC	TF	71.0	62.7	86.3	95.3	93.3	95.0	82.3	95.0
LTP-SYN-A3	TF	74.7	67.3	88.3	96.0	92.7	94.3	84.0	94.7
MRSL TF15	TF	73.7	68.7	86.3	93.3	92.7	92.3	77.3	93.0
DLFPS 321/3679	TF	69.0	62.0	83.3	94.7	93.0	93.0	81.7	94.7
RS4	TF	75.3	69.3	87.7	96.7	94.0	95.3	89.7	95.7
TITANIUM 2LS	TF	72.3	66.3	81.0	87.7	89.0	88.0	75.3	94.3
BAR FA 121095	TF	70.0	51.3	68.7	92.7	93.0	93.0	82.7	95.7
CATALYST	TF	77.7	76.0	90.7	95.3	95.3	96.7	87.7	95.7
KINGDOM	TF	70.7	65.0	80.0	90.3	89.0	91.3	78.3	92.7
THUNDERSTRUCK	TF	75.7	68.7	82.0	92.0	89.7	93.0	87.0	94.0
NONET	TF	70.7	69.0	85.3	87.3	85.3	81.3	71.3	86.7
PST-R511	TF	74.7	75.7	84.0	88.7	87.7	88.3	75.0	89.7
THOR	TF	71.0	69.0	88.0	90.0	82.0	72.7	70.3	83.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		91.0	66.0	77.3	97.0	97.3	91.3	85.7	95.3
LSD VALUE		12.0	26.5	16.8	15.6	13.1	18.1	28.1	7.6
C.V. (%)		8.2	13.9	8.2	5.5	5.6	8.2	11.6	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 16B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN									
		JUN 6	JUN 13	JUN 20	JUN 27	JUL 3	JUL 11	JUL 18	JUL 25	AUG 1	AUG 8
GO-AOMK	TF	93.3	95.3	64.7	84.3	86.7	91.0	82.3	76.0	60.0	50.7
DLFPS 321/3678	TF	93.7	91.3	72.3	84.3	86.0	89.3	80.0	82.7	76.7	71.3
PST-5SDS	TF	92.7	95.3	75.0	88.0	91.3	93.0	87.0	84.0	77.7	58.7
BARROBUSTO	TF	93.0	95.0	81.0	87.7	87.7	89.3	84.7	74.7	71.3	53.0
DLFPS 321/3677	TF	94.3	92.0	66.7	81.7	83.7	85.0	73.7	70.3	68.7	52.0
STETSON II	TF	93.7	96.7	70.3	84.0	86.7	92.3	82.3	79.3	69.3	35.3
SUPERSONIC	TF	94.3	95.7	79.7	89.3	91.3	93.7	88.3	86.0	74.3	63.7
LTP-SYN-A3	TF	94.0	81.3	76.3	82.0	83.3	87.0	74.7	70.7	63.0	68.7
MDSL TF15	TF	93.0	93.7	81.0	89.7	89.7	91.0	81.7	75.3	59.0	54.3
DLFPS 321/3679	TF	94.0	94.0	75.7	88.3	89.7	89.3	70.3	64.3	52.0	46.7
RS4	TF	95.0	94.3	68.0	80.3	85.3	90.3	79.3	76.7	69.7	61.0
TITANIUM 2LS	TF	92.3	94.3	73.7	88.0	91.3	87.7	64.7	66.3	47.3	29.0
BAR FA 121095	TF	95.0	90.3	72.0	86.3	85.3	88.0	82.7	80.7	72.3	68.7
CATALYST	TF	95.0	90.3	74.7	89.7	92.0	94.0	81.0	78.7	57.7	62.7
KINGDOM	TF	92.3	94.3	64.0	80.0	85.0	88.3	73.0	70.3	56.7	45.3
THUNDERSTRUCK	TF	93.3	91.3	73.7	83.3	85.3	87.3	77.0	76.7	67.3	51.3
NONET	TF	64.3	44.7	39.3	59.3	59.0	61.7	44.3	50.3	42.3	41.7
PST-R511	TF	85.0	85.7	72.7	82.3	79.0	77.0	41.0	47.0	46.0	30.3
THOR	TF	59.0	53.0	41.3	53.0	52.0	57.7	42.3	45.0	49.7	49.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		95.0	90.0	79.7	85.7	83.3	83.0	57.0	61.0	52.0	42.0
LSD VALUE		20.5	27.8	55.6	30.3	29.4	27.4	59.5	65.9	62.6	41.3
C.V. (%)		11.8	16.6	27.2	15.5	15.6	14.3	31.1	30.4	32.6	32.8

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 16B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN						PERCENT GREEN COVER DURING RECOVERY				
		AUG 15	AUG 22	AUG 29	SEP 5	SEP 12	SEP 19	SEP 26	OCT 10	OCT 23	NOV 7	DEC 13
GO-AOMK	TF	43.0	8.0	11.3	36.3	62.3	87.3	89.3	97.3	95.3	76.3	60.7
DLFPS 321/3678	TF	60.3	14.7	18.7	44.7	69.3	86.7	93.0	98.7	97.7	79.3	64.3
PST-5SDS	TF	47.7	3.3	6.0	32.3	65.0	86.7	91.7	97.7	97.7	84.0	67.3
BARROBUSTO	TF	39.7	4.0	7.0	34.7	62.3	88.0	91.7	98.3	96.0	81.0	63.7
DLFPS 321/3677	TF	39.3	8.7	17.0	45.3	56.3	84.0	86.3	98.3	96.7	82.7	69.7
STETSON II	TF	25.7	5.7	10.0	25.3	36.7	68.3	80.3	95.3	89.3	69.0	61.7
SUPERSONIC	TF	49.7	20.0	24.7	47.0	66.0	82.0	88.7	98.0	94.7	77.3	58.3
LTP-SYN-A3	TF	55.7	16.0	26.7	35.3	57.7	81.3	89.0	96.7	95.3	83.3	70.7
MRS� TF15	TF	55.3	8.0	8.3	25.0	48.3	79.3	83.7	96.7	93.7	76.3	59.7
DLFPS 321/3679	TF	41.0	1.0	1.3	18.7	41.0	77.7	84.3	97.3	97.3	80.0	58.0
RS4	TF	53.0	9.0	11.7	32.7	52.0	75.0	84.3	95.3	95.7	80.3	67.0
TITANIUM 2LS	TF	33.0	7.7	11.0	33.0	52.7	75.7	86.7	93.0	96.7	83.7	72.0
BAR FA 121095	TF	49.3	14.0	18.3	35.3	55.0	81.3	87.3	96.3	92.0	75.0	56.0
CATALYST	TF	56.3	10.7	18.7	38.7	51.7	75.7	81.7	93.3	93.0	79.7	71.0
KINGDOM	TF	40.3	10.0	14.3	35.3	45.7	72.3	77.3	94.3	88.3	71.7	63.0
THUNDERSTRUCK	TF	51.7	7.0	8.3	26.3	41.3	74.0	80.7	96.0	94.0	78.0	65.7
NONET	TF	29.7	4.0	10.7	32.3	50.0	75.0	75.0	90.0	85.0	71.3	67.7
PST-R511	TF	27.7	6.7	11.3	36.7	46.3	60.7	69.0	83.7	87.3	74.7	70.0
THOR	TF	41.7	4.0	2.0	15.7	37.7	59.0	63.7	83.3	82.3	69.3	61.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		39.7	9.3	13.0	22.0	33.7	43.3	53.3	77.3	80.7	75.0	69.3
LSD VALUE		51.0	24.3	37.5	63.4	57.5	47.5	42.6	29.6	29.4	34.0	28.0
C.V. (%)		39.2	95.2	96.8	56.3	36.3	23.0	19.2	10.7	10.3	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 16C.

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		GENETIC	WINTER	PRE-DROUGHT QUALITY RATINGS							
		COLOR	COLOR	DEC 12	FEB 12	MAR 12	MAR 26	APR 9	APR 23	MAY 8	MAY 30
THOR	TF	7.7	8.0	4.7	6.0	8.3	9.0	8.7	7.7	7.7	8.7
DLFPS 321/3678	TF	5.3	7.3	5.0	6.0	7.7	8.7	8.7	7.7	7.0	8.3
DLFPS 321/3679	TF	6.3	7.0	4.3	5.3	8.0	8.7	8.7	7.7	7.3	8.3
DLFPS 321/3677	TF	6.0	7.7	4.7	6.0	8.0	9.0	8.7	7.3	7.3	8.0
CATALYST	TF	5.0	6.0	5.0	6.7	8.0	8.0	8.0	7.3	7.3	7.7
PST-R511	TF	5.0	6.7	5.3	7.0	8.3	8.7	8.0	7.0	8.0	8.0
BARROBUSTO	TF	5.0	7.3	6.0	6.3	8.0	8.0	9.0	7.3	7.7	8.0
LTP-SYN-A3	TF	6.0	7.0	5.7	7.3	8.0	8.0	7.7	7.0	7.0	8.0
NONET	TF	5.7	7.3	5.0	5.7	7.3	8.3	8.7	7.0	8.0	7.7
KINGDOM	TF	5.7	7.7	5.0	7.0	7.3	8.0	8.3	7.0	7.0	8.3
BAR FA 121095	TF	6.0	7.7	4.7	5.3	7.0	8.0	9.0	8.0	7.0	8.0
MRSL TF15	TF	6.0	6.0	4.0	6.0	8.0	8.0	8.0	7.3	7.0	8.0
TITANIUM 2LS	TF	4.3	6.3	4.7	6.3	7.7	8.0	8.7	7.0	6.7	7.7
PST-5SDS	TF	5.3	7.3	4.7	6.0	8.3	9.0	9.0	7.7	7.7	8.0
RS4	TF	6.7	7.0	4.3	5.3	8.0	8.3	8.3	7.7	7.0	8.7
SUPERSONIC	TF	5.3	6.7	4.7	5.3	7.7	8.0	7.7	7.3	7.0	8.3
STETSON II	TF	5.7	6.3	4.3	6.3	8.0	8.7	8.7	7.3	7.0	8.0
GO-AOMK	TF	6.0	7.3	4.7	5.7	7.3	7.7	8.0	7.7	6.7	7.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		7.0	7.7	7.7	6.0	7.3	8.0	8.3	8.0	7.3	7.0
THUNDERSTRUCK	TF	4.3	7.3	5.0	6.3	8.0	8.3	8.0	8.0	7.0	7.7
C.V. (%)		17.6	12.7	14.8	12.1	6.7	7.9	9.0	8.5	9.0	7.2
LSD VALUE		2.2	2.4	1.3	1.6	1.3	1.8	2.3	2.0	1.9	1.4

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 16C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN									
		JUNE 6	JUNE 13	JUNE 20	JUNE 27	JULY 3	JULY 11	JULY 18	JULY 25	AUG 1	AUG 8
THOR	TF	8.0	5.3	7.0	6.0	6.7	7.0	7.0	8.0	7.3	8.3
DLFPS 321/3678	TF	7.7	5.7	6.3	5.7	6.3	6.3	6.3	7.7	6.7	7.7
DLFPS 321/3679	TF	7.7	5.3	7.3	5.7	6.7	6.7	7.0	7.3	7.3	7.7
DLFPS 321/3677	TF	7.0	5.7	7.0	5.7	6.7	7.0	6.3	7.7	6.7	7.7
CATALYST	TF	6.7	5.3	7.3	6.0	6.7	6.0	6.7	7.0	6.7	7.3
PST-R511	TF	7.3	4.7	6.7	5.0	5.7	6.3	6.7	6.7	5.7	7.0
BARROBUSTO	TF	7.0	4.0	6.3	5.3	5.3	5.3	6.3	5.7	6.0	7.0
LTP-SYN-A3	TF	7.0	5.0	6.7	5.7	6.0	6.3	7.0	7.3	6.7	6.7
NONET	TF	6.0	4.7	6.3	6.3	6.0	5.7	6.7	6.0	6.0	7.3
KINGDOM	TF	7.0	4.7	6.3	5.7	6.3	6.0	6.7	6.3	6.7	6.3
BAR FA 121095	TF	7.0	5.7	6.3	5.7	6.3	6.3	6.0	6.7	6.7	6.7
MRSL TF15	TF	6.7	5.0	6.3	5.3	6.7	6.3	6.7	7.0	6.7	7.0
TITANIUM 2LS	TF	6.7	4.7	6.7	5.7	6.3	6.0	5.7	6.7	6.0	7.0
PST-5SDS	TF	7.7	5.0	7.0	5.3	6.3	6.0	5.3	6.0	6.0	6.0
RS4	TF	8.0	3.7	6.0	5.0	6.3	6.3	5.7	6.0	6.3	6.3
SUPERSONIC	TF	7.0	3.7	5.3	4.7	5.7	6.0	6.0	6.7	6.3	6.7
STETSON II	TF	6.7	5.7	7.0	5.3	5.7	5.7	5.3	6.0	6.3	6.7
GO-AOMK	TF	6.3	3.7	6.3	5.3	5.7	5.7	5.7	6.0	5.7	6.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.7	4.3	5.0	5.7	5.3	5.3	5.3	5.7	5.7	6.3
THUNDERSTRUCK	TF	6.0	3.3	6.0	4.3	5.0	5.3	4.7	5.3	5.0	6.0
LSD VALUE		2.7	4.2	3.4	3.2	2.5	2.5	4.3	2.9	2.1	3.5
C.V. (%)		14.3	28.9	17.1	17.6	14.2	14.0	21.6	17.1	13.2	16.6

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

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

TABLE 16C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN											MEAN
		AUG 15	AUG 22	AUG 29	SEPT 5	SEPT 12	SEPT 19	SEPT 26	OCT 10	OCT 23	NOV 7	DEC 13	
THOR	TF	9.0	8.0	8.7	8.7	7.7	7.7	8.3	9.0	8.0	7.3	7.7	7.6
DLFPS 321/3678	TF	8.7	8.3	8.3	9.0	8.0	8.0	8.0	8.3	8.0	6.3	7.7	7.4
DLFPS 321/3679	TF	9.0	7.7	8.0	8.7	7.7	7.7	8.0	8.7	7.7	6.7	7.3	7.4
DLFPS 321/3677	TF	9.0	7.0	8.0	8.7	6.7	7.7	7.3	8.7	7.7	6.0	7.3	7.3
CATALYST	TF	8.3	7.7	7.3	8.0	8.0	7.3	7.3	8.3	7.3	6.7	7.3	7.1
PST-R511	TF	8.0	7.7	7.3	8.3	7.3	7.7	8.0	8.0	7.3	6.3	8.0	7.1
BARROBUSTO	TF	7.7	7.3	7.0	8.3	7.3	7.3	7.3	8.3	8.0	6.7	7.7	7.0
LTP-SYN-A3	TF	7.7	7.0	7.3	7.7	7.0	7.7	7.7	8.0	7.3	6.3	7.7	7.0
NONET	TF	8.0	7.7	7.3	8.0	7.3	7.3	7.7	9.0	8.0	7.0	7.0	7.0
KINGDOM	TF	7.3	7.3	7.0	7.3	7.0	7.0	6.7	8.0	7.3	6.3	7.3	6.9
BAR FA 121095	TF	7.3	7.3	7.0	7.3	6.3	6.7	7.0	7.7	7.7	6.3	6.3	6.8
MRSL TF15	TF	7.7	7.0	7.0	7.3	6.3	6.3	7.0	8.3	7.7	6.3	7.3	6.8
TITANIUM 2LS	TF	7.0	7.7	7.7	7.3	6.3	7.0	7.0	7.3	7.7	6.3	6.7	6.8
PST-5SDS	TF	6.0	6.3	6.3	7.3	6.7	6.7	6.7	7.0	7.0	6.0	6.7	6.7
RS4	TF	7.0	6.7	6.7	6.7	6.3	6.3	7.3	8.7	8.0	7.0	7.3	6.7
SUPERSONIC	TF	7.7	7.0	7.0	7.3	6.7	7.0	7.3	9.0	8.0	7.0	7.3	6.7
STETSON II	TF	8.0	6.7	6.7	7.0	6.3	6.3	6.7	7.0	6.7	6.0	6.0	6.6
GO-AOMK	TF	6.7	6.0	6.0	6.3	6.7	6.0	7.3	8.3	7.3	6.0	7.3	6.4
SR 4650 (P.RYEGRASS STANDARD ENTRY)		7.7	6.7	5.3	6.0	5.3	5.3	6.3	8.0	8.0	6.3	8.0	6.4
THUNDERSTRUCK	TF	6.7	6.7	6.7	7.0	5.7	6.0	5.7	8.3	7.0	6.0	7.0	6.3
LSD VALUE		3.8	4.1	2.7	4.6	3.8	2.0	2.4	2.1	4.4	3.1	3.2	2.1
C.V. (%)		17.3	17.1	15.4	19.6	18.6	13.0	12.9	10.4	15.3	13.7	13.7	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 16C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		PERCENT PRE-DROUGHT GREEN COVER							
		DEC 12	FEB 12	MAR 12	MAR 26	APR 9	APR 23	MAY 8	MAY 30
THOR	TF	71.0	72.7	92.7	97.0	95.7	96.0	88.7	95.7
DLFPS 321/3678	TF	76.0	78.7	93.7	96.7	94.7	93.0	81.7	93.7
DLFPS 321/3679	TF	69.3	70.0	89.3	95.0	94.0	95.0	86.7	95.3
DLFPS 321/3677	TF	74.0	77.7	93.3	95.7	96.3	92.0	82.0	95.3
CATALYST	TF	76.0	80.7	93.0	94.3	94.7	95.3	81.7	94.7
PST-R511	TF	78.7	88.0	97.0	97.3	94.7	94.0	85.7	94.7
BARROBUSTO	TF	81.7	81.7	96.0	96.7	95.3	94.3	85.7	91.3
LTP-SYN-A3	TF	79.3	85.7	94.3	94.7	86.3	87.3	74.7	93.7
NONET	TF	72.7	71.7	92.7	96.0	96.3	95.0	87.7	94.0
KINGDOM	TF	74.3	78.3	90.0	94.3	89.7	88.7	80.0	93.3
BAR FA 121095	TF	73.3	63.7	90.7	96.3	96.0	96.7	87.3	93.7
MRSL TF15	TF	67.3	77.3	91.3	90.7	89.7	81.0	77.3	92.3
TITANIUM 2LS	TF	73.3	79.3	92.0	93.3	94.0	92.3	73.7	91.7
PST-5SDS	TF	72.3	74.3	93.7	96.7	96.3	95.7	90.3	95.0
RS4	TF	70.7	71.3	91.3	96.7	95.7	94.3	83.7	95.3
SUPERSONIC	TF	73.0	66.7	86.0	94.7	91.3	85.7	82.3	92.7
STETSON II	TF	71.3	78.0	90.7	95.0	94.7	96.0	91.3	96.0
GO-AOMK	TF	70.3	69.3	87.3	91.0	90.3	89.0	68.7	87.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		94.3	77.7	89.0	98.0	95.7	91.7	91.3	96.3
THUNDERSTRUCK	TF	71.0	77.7	89.3	93.0	93.0	94.7	82.7	87.3
LSD VALUE		12.8	15.4	8.0	6.9	15.6	29.8	38.5	7.2
C.V. (%)		8.6	9.6	3.8	2.9	5.4	9.5	14.3	3.4

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

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

TABLE 16C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN									
		JUN 6	JUN 13	JUN 20	JUN 27	JUL 3	JUL 11	JUL 18	JUL 25	AUG 1	AUG 8
THOR	TF	94.7	66.3	59.7	78.7	82.0	91.3	92.7	94.3	96.0	97.7
DLFPS 321/3678	TF	93.3	65.3	46.0	66.0	71.3	85.0	88.7	93.0	96.3	97.7
DLFPS 321/3679	TF	93.3	72.0	52.3	75.3	81.7	89.0	93.7	95.3	97.3	98.0
DLFPS 321/3677	TF	93.7	74.7	57.3	83.3	85.3	91.3	93.0	95.3	98.3	98.3
CATALYST	TF	94.3	84.7	75.0	84.0	85.7	91.3	89.3	94.3	96.3	96.3
PST-R511	TF	93.3	72.0	46.7	69.0	72.3	84.0	83.0	87.7	90.0	92.0
BARROBUSTO	TF	79.7	56.7	54.3	70.7	73.0	77.0	79.0	83.3	86.7	90.3
LTP-SYN-A3	TF	91.3	71.7	52.0	73.3	79.0	84.3	89.0	89.3	94.7	94.3
NONET	TF	92.3	76.7	72.7	86.7	85.0	89.7	90.0	90.0	86.3	90.7
KINGDOM	TF	79.0	64.7	52.7	64.3	71.7	74.7	78.3	78.7	81.7	83.7
BAR FA 121095	TF	87.0	74.0	52.7	70.3	68.7	68.7	69.3	76.3	78.7	78.0
MRSL TF15	TF	77.0	55.3	26.7	57.7	68.0	78.0	86.7	88.3	93.0	95.0
TITANIUM 2LS	TF	91.0	58.7	42.3	61.7	57.7	65.7	60.7	68.7	81.7	85.7
PST-5SDS	TF	93.3	72.7	58.0	67.7	64.0	61.7	61.7	58.3	58.0	62.0
RS4	TF	93.3	37.0	29.3	51.3	62.0	74.0	69.0	77.0	84.3	85.7
SUPERSONIC	TF	90.7	34.3	24.7	54.0	67.7	78.0	82.7	89.3	92.3	91.0
STETSON II	TF	95.0	83.0	73.7	74.0	68.7	64.7	63.3	69.0	80.3	81.7
GO-AOMK	TF	82.0	55.7	45.3	57.0	62.3	63.0	59.7	68.7	70.0	73.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		95.0	89.3	72.0	90.3	90.3	90.7	87.0	92.7	94.7	93.0
THUNDERSTRUCK	TF	79.0	32.7	18.3	46.0	50.7	51.3	52.0	67.3	70.3	76.7
LSD VALUE		30.8	69.0	50.0	51.2	63.3	68.9	68.3	57.0	38.7	41.1
C.V. (%)		11.8	38.8	42.8	27.3	27.5	28.4	29.3	23.5	18.0	17.2

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

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

TABLE 16C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LAS CRUCES, NM 1/
2019 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN						PERCENT GREEN COVER DURING RECOVERY				
		AUG 15	AUG 22	AUG 29	SEP 5	SEP 12	SEP 19	SEP 26	OCT 10	OCT 23	NOV 7	DEC 13
THOR	TF	98.7	98.7	98.3	96.7	92.0	95.0	96.0	97.3	94.7	85.0	76.3
DLFPS 321/3678	TF	98.7	99.0	98.3	97.7	94.3	95.7	95.3	97.0	90.7	69.3	70.3
DLFPS 321/3679	TF	97.7	94.7	96.3	95.0	90.3	93.7	94.0	97.7	96.0	78.3	69.7
DLFPS 321/3677	TF	98.7	98.0	98.3	94.7	90.3	94.3	94.3	98.0	96.0	84.0	79.3
CATALYST	TF	96.3	97.7	97.3	95.3	91.3	95.0	93.0	96.3	93.3	82.0	79.0
PST-R511	TF	93.3	96.0	98.0	97.0	95.7	97.3	97.0	97.7	95.7	86.7	78.3
BARROBUSTO	TF	94.7	96.0	97.7	97.3	93.7	95.7	95.7	97.3	97.0	86.0	77.0
LTP-SYN-A3	TF	93.7	95.3	98.0	97.0	95.7	97.7	97.3	97.0	94.3	82.0	75.7
NONET	TF	95.0	97.0	97.7	97.0	94.3	94.0	93.3	95.3	93.3	85.0	74.0
KINGDOM	TF	88.3	93.0	95.0	92.3	88.0	93.7	92.0	96.7	92.0	79.3	74.3
BAR FA 121095	TF	82.7	88.0	94.0	93.3	92.7	94.7	94.3	97.0	94.0	73.3	63.7
MRSL TF15	TF	95.3	94.7	95.0	85.7	80.3	89.3	90.7	97.7	94.0	74.3	66.0
TITANIUM 2LS	TF	84.7	86.7	85.3	82.0	72.3	79.0	83.3	96.3	86.7	79.7	74.3
PST-5SDS	TF	63.7	70.3	79.0	82.3	80.7	87.0	90.0	95.7	96.7	87.7	78.3
RS4	TF	91.7	94.3	96.0	87.0	87.3	93.7	94.7	98.3	96.7	78.3	75.3
SUPERSONIC	TF	92.3	93.3	95.0	90.7	84.7	92.3	92.0	97.7	95.3	71.7	63.0
STETSON II	TF	81.7	82.7	91.3	86.0	86.3	91.0	93.7	96.0	92.3	75.3	66.0
GO-AOMK	TF	87.7	92.7	95.3	91.3	89.0	90.7	92.7	95.3	85.7	63.0	64.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		94.0	95.0	94.3	89.0	87.7	91.0	91.7	98.0	98.0	92.3	90.7
THUNDERSTRUCK	TF	84.7	92.0	91.7	89.0	80.0	81.3	76.3	95.7	90.7	73.3	72.3
LSD VALUE		42.6	36.4	28.3	28.6	29.0	23.8	17.1	2.6	16.8	35.4	13.2
C.V. (%)		15.8	12.9	9.5	10.1	11.5	8.9	7.4	1.2	6.0	15.3	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 17A.

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2019 DATA

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

NAME		QUALITY RATINGS							
		APRIL	MAY	JUNE 5	JUNE 10	JUNE 17	JUNE 24	JULY 4	JULY 8
DLFPS 321/3679	TF	5.0	7.0	7.0	6.3	7.0	6.7	6.3	6.3
PST-R511	TF	5.0	6.3	6.0	6.0	6.3	6.3	6.3	6.3
THOR	TF	6.3	6.7	6.7	6.7	7.0	6.7	6.3	6.3
DLFPS 321/3677	TF	6.3	7.7	6.7	6.7	7.0	6.7	6.7	6.3
LTP-SYN-A3	TF	4.3	5.7	5.7	5.7	5.7	5.7	6.0	6.0
PST-5SDS	TF	5.0	5.7	5.7	5.7	6.0	6.0	6.0	6.0
TITANIUM 2LS	TF	6.3	7.0	6.3	6.0	5.7	6.0	6.0	6.0
STETSON II	TF	5.7	6.3	6.3	6.0	6.3	6.3	6.0	6.0
GO-AOMK	TF	5.7	7.0	6.7	6.7	7.0	6.3	6.0	6.0
RS4	TF	5.7	7.0	6.7	6.7	6.7	6.7	5.7	5.7
NONET	TF	5.0	6.0	6.0	6.3	6.0	5.7	5.7	6.0
THUNDERSTRUCK	TF	5.7	6.7	6.3	6.7	7.0	6.3	5.7	5.7
KINGDOM	TF	5.3	6.7	6.7	6.7	7.0	6.7	6.3	6.0
BAR FA 121095	TF	6.0	7.0	6.0	6.3	6.7	6.3	6.0	5.7
SUPERSONIC	TF	4.7	6.3	6.3	6.0	6.0	5.7	6.0	6.0
BARROBUSTO	TF	5.0	6.0	6.3	6.0	6.3	6.3	5.7	5.7
CATALYST	TF	5.7	7.0	6.3	5.3	6.0	5.7	5.7	5.7
DLFPS 321/3678	TF	5.7	6.3	6.3	6.0	6.7	5.7	6.0	6.0
MRSL TF15	TF	4.7	6.0	5.7	6.0	6.7	6.0	5.7	5.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.0	6.3	6.0	6.0	5.3	5.3	4.3	3.7
NAI-13-14	KB	5.0	6.7	6.0	6.7	6.3	5.0	3.7	3.7
EVEREST	KB	4.3	4.7	5.3	5.7	5.7	5.3	4.0	4.0
PST-K11-118	KB	5.3	4.7	5.0	4.3	4.3	4.3	3.7	3.7
BLUE NOTE	KB	6.3	6.0	6.0	5.7	5.3	4.7	3.3	3.3
PST-K15-169	KB	5.3	6.3	6.0	6.3	5.0	3.7	2.7	2.7
MIDNIGHT	KB	3.7	4.3	5.0	6.0	5.0	4.7	3.7	4.0
PST-K13-141	KB	4.3	5.3	5.3	5.3	5.3	4.3	3.0	3.0
PST-K13-137	KB	4.3	6.0	5.3	6.0	6.0	5.0	3.3	3.0
BLUE DEVIL	KB	3.0	4.3	4.7	5.0	5.0	4.3	3.3	3.3
NAI-13-132	KB	4.3	4.3	5.0	6.0	5.0	4.3	3.0	3.3
PST-K13-143	KB	4.7	5.0	5.3	5.0	4.7	3.7	2.7	2.7
BARRARI	KB	5.0	5.7	5.7	4.7	4.7	3.7	2.3	2.3
BABE	KB	3.7	5.3	5.0	5.0	4.0	3.7	2.7	2.3
BAR PP 110358	KB	4.7	5.3	5.3	4.7	4.0	3.7	3.0	3.0
DAUNTLESS	KB	3.7	4.7	4.3	4.0	3.3	3.0	2.3	2.3
LSD VALUE		3.1	1.3	1.3	1.0	1.2	1.0	0.8	0.8
C.V. (%)		23.8	12.8	12.1	10.2	13.2	12.3	11.1	11.3

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

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

TABLE 17A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2019 DATA

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

NAME		QUALITY RATINGS						
		JUL 16	JUL 24	JUL 31	AUG 5	AUG 12	AUG 19	AUG 27
DLFPS 321/3679	TF	6.3	6.0	6.0	5.7	5.3	5.0	4.7
PST-R511	TF	6.3	6.0	5.3	5.0	5.0	4.7	4.0
THOR	TF	6.0	5.7	5.0	5.0	4.7	4.7	4.0
DLFPS 321/3677	TF	6.0	5.7	5.3	5.0	4.0	4.0	3.0
LTP-SYN-A3	TF	5.7	5.3	4.7	4.7	5.0	4.7	4.3
PST-5SDS	TF	5.3	5.3	4.7	4.7	5.0	4.3	4.3
TITANIUM 2LS	TF	5.3	5.3	4.7	4.7	4.7	3.7	3.3
STETSON II	TF	6.0	5.7	5.0	4.7	4.3	3.3	3.3
GO-AOMK	TF	6.0	5.3	5.0	4.7	4.3	4.0	3.3
RS4	TF	5.3	5.3	4.3	4.0	3.7	3.3	2.7
NONET	TF	6.0	5.7	5.3	4.7	4.7	3.7	3.3
THUNDERSTRUCK	TF	5.7	4.3	5.0	4.7	4.7	4.0	3.3
KINGDOM	TF	5.7	5.0	4.3	4.3	4.0	3.7	3.0
BAR FA 121095	TF	5.3	5.3	4.3	4.0	4.3	3.7	3.0
SUPERSONIC	TF	5.3	5.0	4.3	4.3	4.0	3.7	3.3
BARROBUSTO	TF	5.0	4.7	4.3	4.0	4.3	3.7	3.0
CATALYST	TF	4.7	4.7	4.3	4.0	4.0	3.3	3.0
DLFPS 321/3678	TF	5.7	5.3	4.7	4.0	3.7	2.7	2.3
MRSL TF15	TF	5.3	5.0	4.7	4.3	4.0	3.0	2.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		3.3	3.0	2.3	2.3	2.3	2.0	1.7
NAI-13-14	KB	3.3	3.3	2.7	2.3	2.0	2.0	1.3
EVEREST	KB	3.3	3.0	3.0	3.0	2.3	2.0	1.3
PST-K11-118	KB	3.3	3.3	3.0	3.0	2.3	2.3	2.0
BLUE NOTE	KB	2.3	2.3	2.3	2.3	1.7	1.3	1.0
PST-K15-169	KB	2.7	2.7	2.0	2.0	2.0	1.3	1.0
MIDNIGHT	KB	3.0	2.7	2.7	2.7	2.7	2.0	1.7
PST-K13-141	KB	2.3	2.3	2.0	1.7	1.7	1.7	1.0
PST-K13-137	KB	3.0	3.0	2.3	1.7	1.7	1.3	1.0
BLUE DEVIL	KB	3.3	3.3	2.7	2.3	2.3	1.7	1.3
NAI-13-132	KB	3.0	2.7	2.3	2.3	2.3	2.7	1.7
PST-K13-143	KB	3.0	2.7	2.3	2.0	2.0	1.0	1.0
BARRARI	KB	2.0	1.7	2.0	1.7	1.3	1.0	1.3
BABE	KB	2.3	2.0	2.0	2.0	2.0	1.7	1.0
BAR PP 110358	KB	2.3	2.3	2.0	3.0	2.3	1.7	1.0
DAUNTLESS	KB	2.3	2.0	1.7	1.7	2.7	1.7	1.0
LSD VALUE		1.0	1.0	1.1	1.2	1.1	1.3	1.2
C.V. (%)		14.8	16.7	18.9	21.8	20.7	28.3	32.8

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

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

TABLE 17A. PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 40% OF ET
 (CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
 2019 DATA

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

NAME		QUALITY RATINGS						MEAN
		SEPT 6	SEPT 11	SEPT 19	SEPT 24	OCT 2	OCT 8	
DLFPS 321/3679	TF	4.7	4.3	4.3	4.3	4.3	4.3	5.6
PST-R511	TF	4.0	4.3	4.3	4.7	5.0	4.7	5.3
THOR	TF	3.3	4.0	4.0	4.0	4.3	4.7	5.3
DLFPS 321/3677	TF	3.0	3.3	3.3	4.0	4.3	4.3	5.2
LTP-SYN-A3	TF	4.3	4.7	4.7	4.7	5.0	4.7	5.1
PST-5SDS	TF	3.7	4.3	4.3	4.7	4.7	4.7	5.0
TITANIUM 2LS	TF	3.7	3.3	3.3	4.3	4.7	5.0	5.0
STETSON II	TF	3.3	3.7	3.7	4.0	4.3	4.7	5.0
GO-AOMK	TF	2.7	3.0	3.0	3.7	4.7	3.7	5.0
RS4	TF	2.7	3.7	3.7	4.7	5.3	5.3	5.0
NONET	TF	4.0	4.3	3.7	3.7	4.0	3.7	4.9
THUNDERSTRUCK	TF	3.0	3.3	3.3	3.7	4.3	4.0	4.9
KINGDOM	TF	2.7	2.7	3.0	3.7	3.7	4.3	4.8
BAR FA 121095	TF	2.7	3.7	3.0	3.7	4.0	4.0	4.8
SUPERSONIC	TF	3.7	4.0	4.0	4.0	4.0	4.3	4.8
BARROBUSTO	TF	3.0	3.3	3.3	4.0	4.3	4.3	4.7
CATALYST	TF	2.7	3.7	3.7	4.0	4.7	4.7	4.7
DLFPS 321/3678	TF	2.3	4.0	3.0	3.7	4.0	4.3	4.7
MRSLS TF15	TF	2.3	2.7	2.7	3.3	3.7	4.0	4.5
SR 4650 (P.RYEGRASS STANDARD ENTRY)		1.7	2.7	3.0	4.3	4.7	5.3	3.8
NAI-13-14	KB	1.0	2.0	2.3	3.7	4.7	5.0	3.7
EVEREST	KB	1.0	2.0	2.7	3.3	4.3	5.0	3.6
PST-K11-118	KB	1.7	2.0	2.7	4.0	5.0	5.3	3.6
BLUE NOTE	KB	1.0	2.3	3.0	4.0	4.7	5.7	3.6
PST-K15-169	KB	1.0	2.3	3.3	4.3	5.3	6.3	3.5
MIDNIGHT	KB	1.3	2.3	2.7	4.0	4.3	5.0	3.5
PST-K13-141	KB	1.3	3.0	3.3	4.3	5.3	6.3	3.4
PST-K13-137	KB	1.0	2.0	2.3	3.7	4.7	5.3	3.4
BLUE DEVIL	KB	1.3	2.3	3.0	4.0	4.3	4.7	3.3
NAI-13-132	KB	1.0	1.7	2.0	3.7	4.0	5.0	3.3
PST-K13-143	KB	1.3	2.0	2.7	4.0	5.0	6.0	3.3
BARRARI	KB	1.0	2.0	2.7	4.0	5.3	6.7	3.2
BABE	KB	1.0	2.3	3.0	4.0	5.7	4.7	3.1
BAR PP 110358	KB	1.0	2.0	1.7	4.0	4.3	4.0	3.1
DAUNTLESS	KB	1.0	2.0	2.7	3.7	4.0	4.3	2.8
LSD VALUE		1.1	1.3	1.2	2.0	1.5	1.5	0.5
C.V. (%)		30.1	25.7	21.6	15.2	14.2	16.8	8.0

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

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

TABLE 17A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2019 DATA

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

NAME		PERCENT GREEN COVER											
		MAY 22	JUN 6	JUN 10	JUN 17	JUN 24	JUL 1	JUL 8	JUL 15	JUL 22	JUL 29	AUG 5	AUG 12
DLFPS 321/3679	TF	96.3	94.0	92.3	93.0	87.3	82.7	84.0	80.3	75.7	72.0	60.7	52.7
PST-R511	TF	98.0	95.3	93.3	95.3	91.0	86.7	87.7	85.0	80.0	75.7	66.7	61.0
THOR	TF	95.7	94.7	93.7	94.0	87.7	80.3	81.3	76.0	71.0	66.0	52.7	45.0
DLFPS 321/3677	TF	97.3	95.0	91.7	93.7	88.0	81.3	81.3	76.3	69.7	64.3	49.0	39.7
LTP-SYN-A3	TF	97.3	93.3	93.7	93.7	89.0	84.3	84.3	82.0	77.3	75.3	65.7	60.0
PST-5SDS	TF	98.0	92.7	88.0	93.0	86.3	82.0	84.0	80.3	75.7	73.3	64.0	59.0
TITANIUM 2LS	TF	98.7	95.7	93.7	93.7	89.0	84.0	85.0	81.3	75.0	72.3	59.7	52.0
STETSON II	TF	97.3	94.7	88.3	93.3	87.7	80.7	80.7	74.0	68.3	65.3	50.7	44.0
GO-AOMK	TF	98.3	92.7	90.3	92.3	87.7	81.3	82.3	79.0	71.0	66.3	48.7	42.0
RS4	TF	96.7	95.3	94.7	93.7	86.0	78.3	79.0	74.3	63.0	62.0	46.3	39.0
NONET	TF	98.0	93.7	91.7	91.0	86.0	80.0	81.3	78.3	73.0	69.3	58.7	49.7
THUNDERSTRUCK	TF	98.0	93.7	70.7	90.3	84.0	76.0	78.3	74.7	69.0	66.0	54.3	45.7
KINGDOM	TF	97.3	95.0	90.3	93.3	87.0	79.0	79.3	76.0	68.7	66.7	49.0	40.7
BAR FA 121095	TF	98.0	93.3	82.7	92.3	87.7	80.7	78.7	73.0	63.0	60.0	44.3	38.7
SUPERSONIC	TF	96.0	92.7	92.0	91.0	85.0	79.0	79.7	75.0	68.3	64.3	53.3	47.0
BARROBUSTO	TF	98.3	94.3	91.0	92.7	85.7	79.7	80.7	76.3	68.0	66.3	51.3	43.3
CATALYST	TF	96.7	94.0	91.7	91.0	84.7	77.7	77.3	71.7	61.3	60.3	41.7	36.7
DLFPS 321/3678	TF	98.0	93.0	92.0	92.3	86.3	78.0	79.7	75.3	65.7	62.3	50.3	42.7
MRSL TF15	TF	98.0	93.3	91.7	91.3	85.7	78.7	80.0	74.7	66.0	61.7	45.0	38.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		97.3	97.3	94.7	94.7	85.3	69.0	59.3	44.3	33.7	26.0	13.7	9.7
NAI-13-14	KB	98.0	95.7	90.7	91.0	79.0	58.7	54.7	40.7	28.0	33.3	15.0	11.3
EVEREST	KB	95.3	95.7	86.3	90.7	79.0	60.3	55.3	42.3	35.0	37.7	18.0	18.7
PST-K11-118	KB	97.3	91.7	92.3	83.0	72.7	57.3	56.7	47.0	32.0	36.3	15.0	12.7
BLUE NOTE	KB	97.0	97.0	95.0	91.7	78.7	54.3	41.3	24.0	10.0	13.3	6.7	6.0
PST-K15-169	KB	98.0	92.0	89.0	84.3	66.3	45.7	39.7	23.7	13.7	17.7	5.3	7.0
MIDNIGHT	KB	96.3	95.0	93.3	91.3	76.0	55.7	49.0	30.7	23.3	26.0	13.7	13.3
PST-K13-141	KB	97.3	94.0	91.3	90.0	73.3	44.0	33.3	22.3	11.3	11.0	4.7	3.0
PST-K13-137	KB	97.7	94.0	94.3	90.7	82.3	61.7	53.3	38.7	23.3	24.0	10.7	10.7
BLUE DEVIL	KB	97.0	94.0	88.7	90.0	80.0	61.7	52.7	41.0	26.0	31.0	11.7	12.0
NAI-13-132	KB	98.7	94.7	93.3	90.0	78.0	58.0	49.3	35.0	21.3	23.7	12.0	10.0
PST-K13-143	KB	98.0	89.7	90.3	82.3	61.3	40.0	32.3	22.0	15.7	11.3	4.0	3.3
BARRARI	KB	97.3	94.7	83.7	85.0	63.3	34.0	23.7	16.3	7.0	9.7	4.0	2.3
BABE	KB	98.7	89.3	92.7	79.0	58.0	35.0	27.3	22.3	11.7	18.0	9.0	6.3
BAR PP 110358	KB	96.0	95.0	88.3	91.0	76.0	59.0	54.3	40.3	26.7	27.3	15.3	9.7
DAUNTLESS	KB	98.7	87.0	90.0	73.7	51.7	32.3	26.7	17.3	11.3	11.3	4.0	5.0
LSD VALUE		5.9	4.9	33.9	4.7	6.6	11.1	10.6	10.7	11.9	10.1	10.8	11.4
C.V. (%)		1.7	2.6	9.7	3.3	5.5	11.1	11.2	13.0	17.2	14.9	21.9	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 17A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2019 DATA

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

NAME		PERCENT GREEN COVER										
		AUG 19	AUG 26	SEPT 3	SEPT 11	SEPT 16	SEPT 24	OCT 2	OCT 8	OCT 15	OCT 16	NOV 1
DLFPS 321/3679	TF	43.3	45.0	44.7	43.7	52.3	54.7	65.0	58.3	53.0	59.7	47.7
PST-R511	TF	55.3	57.7	58.7	62.7	70.7	76.0	86.0	76.7	66.0	78.7	70.0
THOR	TF	35.0	29.7	29.3	29.3	41.7	49.7	69.0	68.0	55.7	65.0	55.0
DLFPS 321/3677	TF	29.0	28.3	26.3	27.7	39.7	52.0	69.3	66.0	60.0	69.3	60.3
LTP-SYN-A3	TF	53.7	53.0	55.7	56.3	64.7	71.0	81.7	80.0	71.0	74.7	64.3
PST-5SDS	TF	48.0	48.7	49.0	50.3	58.0	63.0	74.0	69.3	59.7	59.3	46.7
TITANIUM 2LS	TF	41.0	39.7	38.0	37.7	47.0	53.3	71.0	69.7	65.3	63.0	54.3
STETSON II	TF	36.3	35.3	34.3	36.7	47.7	59.3	75.3	73.3	59.3	75.3	62.3
GO-AOMK	TF	31.3	29.0	24.0	25.0	33.0	44.3	61.7	60.0	61.7	82.7	74.3
RS4	TF	29.7	27.3	26.7	29.7	41.3	56.7	77.7	77.7	68.0	58.0	47.7
NONET	TF	39.3	42.0	36.0	39.0	47.7	54.0	68.7	65.0	65.0	78.7	70.0
THUNDERSTRUCK	TF	36.3	34.0	30.0	29.3	37.3	48.7	65.7	62.7	55.0	59.3	50.0
KINGDOM	TF	24.3	23.7	23.0	22.7	35.0	44.7	61.7	61.0	60.0	66.3	50.3
BAR FA 121095	TF	25.3	28.7	24.3	23.7	31.3	43.0	59.7	55.7	60.0	52.7	42.3
SUPERSONIC	TF	40.7	42.7	41.0	43.0	51.3	58.3	73.7	70.0	62.0	72.7	57.0
BARROBUSTO	TF	29.3	30.0	26.3	26.0	38.7	47.7	68.3	66.7	61.0	71.3	63.0
CATALYST	TF	27.0	27.7	28.3	29.3	41.3	53.0	73.3	71.0	66.7	79.3	68.7
DLFPS 321/3678	TF	30.0	30.0	28.3	29.7	42.0	50.7	67.3	65.3	66.0	81.7	71.7
MRSL TF15	TF	26.0	26.3	26.7	25.3	37.3	49.0	71.0	70.0	64.3	84.3	75.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		7.7	11.3	11.0	20.3	41.3	66.7	87.7	86.7	81.7	69.0	57.7
NAI-13-14	KB	5.7	7.7	8.7	5.7	20.7	47.7	75.3	77.7	65.7	88.7	83.0
EVEREST	KB	11.7	11.3	10.3	7.7	22.3	47.0	73.3	75.3	62.7	81.0	71.7
PST-K11-118	KB	5.0	7.3	7.7	8.0	22.3	47.3	79.0	81.0	79.3	76.7	67.0
BLUE NOTE	KB	3.3	5.3	7.0	8.0	28.0	57.3	83.0	81.7	78.3	86.3	79.0
PST-K15-169	KB	3.3	6.0	7.3	7.3	23.3	58.0	85.0	87.3	74.7	79.3	71.0
MIDNIGHT	KB	6.0	8.7	9.0	8.0	25.0	56.3	81.0	82.0	74.3	81.3	75.3
PST-K13-141	KB	2.0	4.0	9.0	17.7	37.7	67.0	86.3	89.3	77.0	66.7	55.7
PST-K13-137	KB	7.3	10.0	10.0	7.3	18.7	39.7	71.7	77.0	69.3	89.3	82.0
BLUE DEVIL	KB	8.3	9.7	9.7	9.0	26.7	57.7	81.7	82.3	84.0	76.0	65.7
NAI-13-132	KB	4.3	6.0	6.3	4.7	17.0	47.3	80.0	83.3	77.0	85.3	78.0
PST-K13-143	KB	2.7	5.7	6.3	5.3	18.3	47.0	80.3	82.0	75.7	78.7	71.0
BARRARI	KB	1.7	3.3	5.0	8.0	23.7	53.0	87.7	89.3	84.7	88.0	81.0
BABE	KB	4.0	5.7	7.0	9.0	25.0	53.0	77.7	75.3	63.3	83.0	75.7
BAR PP 110358	KB	4.7	7.0	8.0	5.0	20.0	44.3	73.0	73.0	62.7	80.7	69.0
DAUNTLESS	KB	3.0	5.3	8.0	7.7	23.0	46.7	75.0	74.0	65.7	90.3	85.7
LSD VALUE		14.6	13.7	12.9	15.0	11.6	14.6	11.4	12.7	38.3	23.5	37.5
C.V. (%)		44.0	39.8	38.1	42.2	21.3	15.3	9.0	10.3	19.4	15.6	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 17B.

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2019 DATA

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

NAME		QUALITY RATINGS							
		APRIL	MAY	JUNE 5	JUNE 10	JUNE 17	JUNE 24	JULY 4	JULY 8
DLFPS 321/3679	TF	4.7	6.3	6.7	6.7	6.3	6.3	6.3	6.3
DLFPS 321/3677	TF	5.0	6.3	6.7	6.3	6.3	5.7	6.0	6.0
KINGDOM	TF	6.0	6.7	6.7	7.0	7.0	6.7	6.7	6.3
THUNDERSTRUCK	TF	5.3	6.0	6.3	6.3	6.7	6.3	6.3	6.3
MRSL TF15	TF	5.0	6.0	6.7	6.0	6.0	6.0	6.0	6.0
BAR FA 121095	TF	6.0	7.0	6.7	6.7	6.3	6.3	6.0	6.3
RS4	TF	4.3	5.3	5.7	6.3	6.0	5.7	6.0	6.3
DLFPS 321/3678	TF	5.7	6.3	7.0	7.0	6.0	6.0	6.0	6.0
TITANIUM 2LS	TF	6.0	7.0	6.7	6.3	6.3	6.3	6.3	6.3
THOR	TF	4.7	6.7	6.7	6.3	6.3	6.3	6.3	5.7
LTP-SYN-A3	TF	4.7	6.3	6.0	6.0	6.0	6.3	6.0	6.0
PST-5SDS	TF	4.3	5.7	6.0	5.7	6.0	5.7	5.7	6.0
NONET	TF	6.3	6.0	6.0	6.3	5.7	5.7	6.0	6.0
CATALYST	TF	5.0	6.3	6.3	6.3	5.7	5.7	5.3	5.3
SUPERSONIC	TF	4.7	5.7	6.0	5.7	6.0	6.0	5.7	5.7
GO-AOMK	TF	6.7	7.0	6.0	6.7	6.3	6.0	5.7	5.0
STETSON II	TF	5.0	5.7	5.3	5.7	6.0	5.7	5.3	5.0
BARROBUSTO	TF	5.3	6.0	6.0	5.7	6.0	6.0	6.0	6.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.3	7.0	7.0	6.3	5.7	5.3	5.0	5.0
NAI-13-132	KB	3.7	4.7	5.3	5.7	5.3	5.7	5.0	5.0
PST-R511	TF	5.3	6.0	5.7	5.3	5.7	5.3	5.3	5.3
EVEREST	KB	3.7	5.0	5.0	5.0	5.0	5.0	4.7	4.7
MIDNIGHT	KB	4.0	5.0	5.3	6.0	6.3	5.3	4.3	4.3
PST-K13-143	KB	3.7	4.0	4.0	4.3	4.7	4.7	4.7	4.3
PST-K13-141	KB	4.0	4.0	5.0	5.0	5.0	4.7	4.7	4.3
BLUE NOTE	KB	4.7	5.3	5.3	4.7	5.0	5.0	4.7	4.3
PST-K15-169	KB	4.0	4.3	4.7	5.7	5.3	5.0	4.3	4.0
NAI-13-14	KB	4.7	5.3	6.0	5.7	5.7	5.3	4.0	3.7
BLUE DEVIL	KB	3.0	4.0	4.7	4.7	5.3	5.0	4.3	4.3
PST-K11-118	KB	4.3	5.0	5.3	5.0	5.0	4.7	4.3	4.0
BARRARI	KB	4.0	5.0	5.0	4.3	4.7	4.3	3.7	3.3
BABE	KB	4.0	5.3	5.0	4.7	4.3	4.0	3.3	3.3
BAR PP 110358	KB	5.3	5.3	5.7	5.0	4.7	4.3	3.7	3.7
DAUNTLESS	KB	4.0	5.0	4.7	4.3	4.0	4.0	4.0	3.7
PST-K13-137	KB	3.7	4.0	4.3	4.7	5.0	4.7	3.7	3.3
LSD VALUE		2.6	1.6	1.4	1.3	2.2	1.2	1.0	1.1
C.V. (%)		24.1	15.7	13.7	13.0	16.6	12.7	12.5	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 17B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2019 DATA

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

NAME		QUALITY RATINGS						
		JUL 16	JUL 24	JUL 31	AUG 5	AUG 12	AUG 19	AUG 27
DLFPS 321/3679	TF	7.0	6.0	6.0	6.0	6.0	5.7	5.3
DLFPS 321/3677	TF	6.0	5.7	6.0	6.0	5.7	5.3	4.3
KINGDOM	TF	6.3	5.7	5.7	5.7	5.7	4.7	4.0
THUNDERSTRUCK	TF	6.3	5.7	5.3	5.3	5.0	4.7	4.3
MRSL TF15	TF	5.7	5.7	5.7	5.3	5.3	4.7	4.7
BAR FA 121095	TF	6.0	6.3	6.0	5.7	5.7	4.7	3.7
RS4	TF	6.3	6.0	6.0	5.7	5.7	5.0	4.3
DLFPS 321/3678	TF	6.3	5.7	5.3	5.3	5.3	4.7	4.0
TITANIUM 2LS	TF	6.0	5.3	5.0	5.0	5.0	4.3	4.0
THOR	TF	5.3	5.3	5.3	5.0	5.3	4.7	4.3
LTP-SYN-A3	TF	5.3	5.3	5.0	5.0	4.7	4.7	4.0
PST-5SDS	TF	6.0	5.7	5.0	5.0	5.0	4.7	4.3
NONET	TF	5.3	5.3	4.3	4.3	4.3	3.7	3.0
CATALYST	TF	5.3	5.3	4.0	3.7	4.0	3.7	3.3
SUPERSONIC	TF	5.0	5.0	4.0	3.7	4.3	3.7	3.3
GO-AOMK	TF	5.0	5.0	5.0	4.3	4.0	3.7	3.0
STETSON II	TF	5.3	5.0	4.7	4.7	5.0	4.3	3.7
BARROBUSTO	TF	5.0	4.7	4.0	3.7	4.3	3.7	3.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.0	3.7	3.0	2.7	3.3	3.7	2.7
NAI-13-132	KB	4.7	4.7	4.0	3.0	3.7	3.3	3.0
PST-R511	TF	4.3	4.3	3.7	3.3	3.3	2.7	2.0
EVEREST	KB	4.3	4.3	4.0	3.7	4.0	3.0	3.0
MIDNIGHT	KB	4.7	4.0	3.7	3.3	4.7	3.3	2.3
PST-K13-143	KB	4.0	4.0	4.0	3.7	4.3	4.3	3.7
PST-K13-141	KB	4.0	4.0	3.7	3.3	3.3	3.0	2.7
BLUE NOTE	KB	3.7	3.7	3.0	2.7	3.3	3.0	3.0
PST-K15-169	KB	4.0	3.3	3.3	2.7	3.3	3.0	2.3
NAI-13-14	KB	3.7	3.7	3.0	3.0	3.0	3.0	2.0
BLUE DEVIL	KB	4.0	4.0	3.3	3.0	3.0	3.0	2.7
PST-K11-118	KB	3.0	3.0	3.0	2.7	3.0	2.3	2.0
BARRARI	KB	3.0	3.0	2.7	2.7	2.7	3.0	2.3
BABE	KB	3.3	4.3	2.7	2.3	2.7	2.7	2.0
BAR PP 110358	KB	2.7	3.0	3.0	2.7	2.7	2.0	1.7
DAUNTLESS	KB	3.0	3.0	2.7	2.3	3.0	3.0	2.7
PST-K13-137	KB	2.7	2.7	2.3	2.3	2.3	2.0	1.3
LSD VALUE		1.3	1.3	1.4	1.4	1.4	1.8	1.9
C.V. (%)		16.8	17.5	20.3	22.7	20.9	26.2	31.7

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 ALL CULTIVARS WITH 60% OF ET
 (CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
 2019 DATA

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

NAME		QUALITY RATINGS						MEAN
		SEPT 6	SEPT 11	SEPT 19	SEPT 24	OCT 2	OCT 8	
DLFPS 321/3679	TF	4.7	5.3	5.0	5.0	5.0	5.7	5.8
DLFPS 321/3677	TF	4.3	4.7	5.0	5.3	5.3	5.3	5.6
KINGDOM	TF	3.7	4.0	4.0	4.0	5.0	4.7	5.5
THUNDERSTRUCK	TF	4.3	5.0	4.7	5.0	5.7	5.0	5.5
MRSL TF15	TF	4.7	5.3	5.3	5.0	5.3	5.3	5.5
BAR FA 121095	TF	4.0	4.0	4.0	4.7	4.7	4.3	5.5
RS4	TF	4.3	4.7	5.0	5.3	5.0	5.7	5.5
DLFPS 321/3678	TF	3.7	4.0	4.7	5.0	5.0	5.0	5.4
TITANIUM 2LS	TF	4.0	4.0	4.0	4.7	5.0	5.0	5.4
THOR	TF	3.7	4.3	4.3	4.7	5.0	5.0	5.3
LTP-SYN-A3	TF	3.7	4.0	4.0	4.7	5.0	5.3	5.1
PST-5SDS	TF	3.7	4.3	4.3	4.7	4.7	4.7	5.1
NONET	TF	3.3	4.0	4.3	4.7	5.0	4.7	5.0
CATALYST	TF	3.7	4.0	4.3	5.0	5.0	5.3	4.9
SUPERSONIC	TF	3.3	4.7	5.0	5.0	5.0	5.3	4.9
GO-AOMK	TF	3.0	3.7	3.7	4.0	4.3	4.3	4.9
STETSON II	TF	3.3	4.3	4.3	4.7	4.7	4.3	4.9
BARROBUSTO	TF	3.0	3.3	4.0	4.7	4.7	4.3	4.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		2.7	3.7	4.3	5.0	5.3	6.3	4.7
NAI-13-132	KB	3.0	3.0	3.3	4.3	5.0	5.3	4.3
PST-R511	TF	2.7	3.0	3.0	4.0	5.0	4.3	4.3
EVEREST	KB	2.7	3.3	3.3	4.7	5.0	6.0	4.3
MIDNIGHT	KB	2.3	3.0	3.0	4.0	4.3	5.0	4.2
PST-K13-143	KB	2.7	3.7	3.7	5.0	5.0	6.0	4.2
PST-K13-141	KB	3.0	4.0	4.0	4.3	4.7	4.3	4.0
BLUE NOTE	KB	2.7	3.0	3.0	4.0	5.0	5.3	4.0
PST-K15-169	KB	3.0	3.3	3.3	4.3	5.0	5.0	4.0
NAI-13-14	KB	2.0	2.7	3.3	4.0	4.3	5.0	4.0
BLUE DEVIL	KB	2.0	3.0	3.0	4.3	4.7	4.7	3.8
PST-K11-118	KB	2.0	2.7	3.3	4.3	5.0	5.0	3.8
BARRARI	KB	2.3	3.3	3.3	4.0	5.0	5.3	3.7
BABE	KB	2.3	3.3	3.3	4.0	4.3	4.7	3.6
BAR PP 110358	KB	2.0	2.7	2.7	4.0	4.3	5.0	3.6
DAUNTLESS	KB	2.3	3.3	3.3	4.0	4.3	5.0	3.6
PST-K13-137	KB	1.7	2.3	2.7	3.3	4.0	4.0	3.2
LSD VALUE		1.8	1.7	1.6	2.2	2.7	1.8	0.8
C.V. (%)		29.9	23.3	21.2	16.5	14.5	14.6	11.3

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

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

TABLE 17B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2019 DATA

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

NAME		PERCENT GREEN COVER											
		MAY 22	JUN 6	JUN 10	JUN 17	JUN 24	JUL 1	JUL 8	JUL 15	JUL 22	JUL 29	AUG 5	AUG 12
DLFPS 321/3679	TF	97.3	93.3	92.3	93.0	88.0	83.3	83.7	82.7	79.7	76.3	68.7	63.7
DLFPS 321/3677	TF	97.7	94.0	92.7	93.0	87.7	82.0	83.0	79.0	69.7	71.0	63.0	61.3
KINGDOM	TF	98.0	95.7	92.7	93.0	88.0	80.0	80.0	74.3	69.7	65.3	55.7	54.3
THUNDERSTRUCK	TF	96.7	94.0	92.3	92.7	88.3	84.3	85.0	84.0	82.7	79.0	72.3	67.7
MRSL TF15	TF	96.0	93.7	93.0	93.3	87.7	82.0	84.0	80.3	81.0	72.7	64.0	60.7
BAR FA 121095	TF	98.0	94.0	87.0	92.3	88.3	82.3	84.3	83.0	80.0	74.7	64.7	58.0
RS4	TF	95.7	94.0	93.3	93.3	87.7	81.3	82.3	80.0	77.0	74.0	66.0	62.3
DLFPS 321/3678	TF	97.7	93.3	87.3	92.3	84.7	78.7	80.7	79.3	77.7	71.7	63.0	59.0
TITANIUM 2LS	TF	97.3	95.3	89.0	94.7	89.7	84.0	84.0	80.0	76.7	71.0	60.3	57.3
THOR	TF	96.0	94.0	93.7	92.7	87.7	80.7	82.3	79.7	80.0	72.0	61.0	57.0
LTP-SYN-A3	TF	98.0	93.3	93.0	93.0	89.0	83.7	84.3	81.0	75.0	71.0	58.0	47.7
PST-5SDS	TF	97.7	91.7	84.7	91.3	85.0	79.0	81.0	79.0	73.3	69.7	58.7	52.0
NONET	TF	98.3	91.7	90.0	87.3	82.0	76.7	78.7	76.0	79.3	67.7	58.3	56.0
CATALYST	TF	96.7	93.0	94.0	92.3	84.3	77.7	78.0	75.3	70.0	66.7	52.3	47.7
SUPERSONIC	TF	97.3	92.0	93.3	92.0	83.7	77.0	78.0	74.0	76.7	62.7	54.0	50.3
GO-AOMK	TF	96.0	93.3	90.3	91.0	81.7	64.3	65.7	63.0	59.7	53.3	45.3	44.7
STETSON II	TF	96.3	94.3	94.7	92.7	86.3	74.0	72.3	68.3	71.7	61.7	54.7	54.3
BARROBUSTO	TF	97.3	94.0	90.7	92.3	87.3	82.7	82.7	76.7	74.3	66.0	57.0	53.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		93.3	97.3	92.3	95.7	89.0	81.3	76.0	63.3	63.7	43.0	29.3	32.3
NAI-13-132	KB	99.0	95.3	93.0	93.3	87.0	78.7	76.0	69.3	73.7	61.7	45.0	45.7
PST-R511	TF	96.7	93.0	91.7	90.7	81.3	73.3	74.7	69.3	58.3	56.0	45.0	39.3
EVEREST	KB	96.7	94.3	86.0	92.0	83.0	73.0	71.7	64.0	64.3	59.0	42.0	43.7
MIDNIGHT	KB	94.3	95.7	89.3	93.0	84.7	73.0	67.0	59.7	62.3	52.0	36.7	36.0
PST-K13-143	KB	97.3	88.3	91.0	84.3	75.7	68.3	66.7	63.7	75.0	57.3	42.3	42.3
PST-K13-141	KB	97.7	94.7	95.0	91.7	85.3	75.3	72.7	64.3	62.7	55.3	38.0	38.0
BLUE NOTE	KB	94.7	96.7	92.7	93.3	86.3	78.7	71.3	66.0	62.7	53.3	34.3	34.7
PST-K15-169	KB	98.3	92.3	93.3	89.0	77.7	69.0	62.3	55.7	54.7	46.3	30.3	33.3
NAI-13-14	KB	98.0	95.7	91.3	92.7	84.7	71.3	66.3	55.0	56.7	47.0	28.7	31.0
BLUE DEVIL	KB	98.0	95.3	91.0	92.7	81.7	71.7	67.0	58.0	57.3	50.7	29.7	34.0
PST-K11-118	KB	96.0	94.3	93.0	88.0	77.0	66.3	61.0	50.7	50.7	40.7	21.0	23.3
BARRARI	KB	98.3	94.3	90.0	87.3	76.0	66.3	53.0	47.7	51.0	37.0	24.3	26.7
BABE	KB	97.3	93.0	93.0	86.0	72.3	61.7	57.3	47.3	56.7	39.3	22.0	22.7
BAR PP 110358	KB	98.0	96.0	91.3	94.3	86.0	76.3	67.3	56.7	46.7	40.3	27.7	24.3
DAUNTLESS	KB	97.7	86.0	91.3	77.0	61.7	50.3	47.0	43.3	58.3	38.0	26.7	30.0
PST-K13-137	KB	98.7	90.0	91.3	84.0	71.7	52.7	43.3	33.3	33.7	24.7	13.3	13.3
LSD VALUE		6.7	8.2	20.9	5.9	10.0	17.2	21.1	21.7	44.5	22.4	24.7	26.3
C.V. (%)		2.2	3.4	5.5	3.7	6.9	12.1	15.7	18.4	25.1	22.0	31.5	32.3

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

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

TABLE 17B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2019 DATA

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

NAME		PERCENT GREEN COVER										
		AUG 19	AUG 26	SEPT 3	SEPT 11	SEPT 16	SEPT 24	OCT 2	OCT 8	OCT 15	OCT 16	NOV 1
DLFPS 321/3679	TF	63.7	64.7	63.0	73.0	75.7	80.3	85.7	77.3	64.3	80.7	74.3
DLFPS 321/3677	TF	57.3	60.7	63.3	65.3	72.0	78.3	87.3	82.7	74.0	70.0	60.0
KINGDOM	TF	51.0	41.7	45.7	47.3	55.0	63.7	76.7	72.7	64.7	77.7	66.7
THUNDERSTRUCK	TF	75.7	58.3	63.3	65.3	74.0	75.3	84.7	80.7	73.7	64.7	55.7
MRSL TF15	TF	68.7	58.0	61.0	65.7	72.7	75.7	83.0	77.0	66.3	78.7	68.3
BAR FA 121095	TF	62.0	47.0	49.7	51.3	61.3	63.3	70.7	64.7	52.7	76.3	68.3
RS4	TF	65.3	62.3	62.3	66.7	72.0	77.0	86.7	83.7	76.0	75.0	68.3
DLFPS 321/3678	TF	65.7	51.7	52.3	53.7	64.3	69.7	78.7	73.3	64.3	86.3	78.3
TITANIUM 2LS	TF	59.3	48.3	49.7	52.3	62.7	69.7	81.3	77.7	69.0	65.7	56.3
THOR	TF	60.7	50.7	48.0	54.7	59.7	67.7	78.0	74.7	66.7	78.0	70.0
LTP-SYN-A3	TF	49.7	38.3	37.3	41.3	48.3	60.0	77.3	76.0	67.0	70.7	61.0
PST-5SDS	TF	51.3	46.0	42.7	45.3	52.0	59.7	72.3	67.3	58.7	66.7	53.3
NONET	TF	65.3	44.7	46.3	52.0	61.3	67.7	76.3	71.3	63.3	85.0	77.3
CATALYST	TF	48.0	39.7	46.0	52.0	58.3	71.7	85.3	84.3	76.0	71.7	58.7
SUPERSONIC	TF	57.0	46.0	50.3	53.7	62.7	71.3	83.7	81.3	75.0	75.3	62.3
GO-AOMK	TF	55.0	37.7	40.3	44.7	56.7	63.3	75.3	72.7	63.7	81.7	72.7
STETSON II	TF	49.0	47.7	49.3	50.7	61.0	64.7	74.3	68.0	58.3	81.7	71.3
BARROBUSTO	TF	60.7	45.7	42.0	47.0	56.7	66.7	76.7	71.0	61.0	80.0	72.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		55.0	29.0	35.3	55.3	67.7	82.0	94.3	93.7	91.3	73.0	63.0
NAI-13-132	KB	52.7	22.7	27.0	32.3	45.0	58.7	78.3	77.7	75.3	76.3	68.7
PST-R511	TF	27.3	32.3	26.7	26.7	38.7	54.7	78.0	78.0	79.3	73.7	62.0
EVEREST	KB	47.3	23.3	30.0	35.0	46.3	60.3	83.7	84.7	83.3	79.7	69.3
MIDNIGHT	KB	48.0	19.0	22.0	31.3	44.7	64.7	82.7	82.7	80.0	83.7	77.0
PST-K13-143	KB	51.3	14.0	20.0	25.3	39.7	58.3	81.3	82.3	79.0	87.3	81.7
PST-K13-141	KB	38.3	18.7	26.3	35.3	50.7	65.3	85.3	84.7	83.7	87.3	82.3
BLUE NOTE	KB	46.3	16.3	21.0	25.3	41.7	59.7	84.7	85.0	80.0	74.7	65.0
PST-K15-169	KB	45.3	15.3	22.0	34.3	45.3	59.7	80.7	80.3	77.7	71.7	65.3
NAI-13-14	KB	40.0	16.7	23.0	27.7	43.3	60.0	78.7	78.3	75.3	80.3	73.3
BLUE DEVIL	KB	44.0	16.7	23.3	26.3	35.0	56.0	77.0	77.0	74.7	78.3	74.0
PST-K11-118	KB	30.7	11.0	16.3	20.0	32.7	50.7	74.0	74.7	72.7	82.7	75.7
BARRARI	KB	43.3	15.0	21.0	28.0	40.3	61.7	85.7	87.0	84.3	76.7	64.3
BABE	KB	33.0	12.3	19.3	30.3	40.7	61.0	79.7	78.3	74.0	88.7	83.7
BAR PP 110358	KB	18.7	11.7	16.0	23.0	37.0	58.7	83.0	81.3	77.0	80.0	67.7
DAUNTLESS	KB	42.7	18.3	23.3	31.7	44.3	60.7	80.7	80.3	75.3	89.3	85.0
PST-K13-137	KB	13.7	11.3	15.0	17.3	31.3	46.3	69.7	71.7	70.7	65.3	51.7
LSD VALUE		45.2	22.6	24.6	23.9	23.9	24.5	20.0	17.2	17.8	31.8	47.5
C.V. (%)		37.5	40.7	38.6	32.8	24.8	16.5	9.4	9.9	12.9	13.7	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 17C.

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2019 DATA

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

NAME		QUALITY RATINGS							
		APRIL	MAY	JUNE 5	JUNE 10	JUNE 17	JUNE 24	JULY 4	JULY 8
DLFPS 321/3677	TF	6.0	7.0	6.7	6.7	6.7	6.7	6.3	7.0
THOR	TF	7.0	7.0	6.7	6.3	7.0	6.7	6.7	6.3
KINGDOM	TF	5.3	6.7	6.3	6.7	7.0	7.0	6.7	6.7
THUNDERSTRUCK	TF	4.0	6.3	6.3	6.3	6.3	6.7	6.7	6.7
DLFPS 321/3679	TF	5.0	6.3	6.3	6.7	6.0	6.0	6.0	6.3
GO-AOMK	TF	5.0	6.0	6.3	6.3	6.7	7.0	6.7	6.7
STETSON II	TF	4.7	6.0	6.0	6.3	6.0	6.0	6.0	6.0
MDSL TF15	TF	4.7	6.3	6.3	6.3	6.7	6.3	6.3	6.3
NAI-13-132	KB	5.0	6.3	7.0	7.7	7.0	6.7	6.0	6.0
TITANIUM 2LS	TF	4.0	7.0	6.7	7.0	6.7	6.3	6.3	6.0
BARROBUSTO	TF	4.7	5.7	5.3	5.7	5.7	6.0	6.0	6.0
LTP-SYN-A3	TF	5.0	6.0	6.3	6.0	6.0	5.7	6.0	6.3
CATALYST	TF	5.7	6.0	6.0	6.0	5.3	6.0	6.0	6.0
PST-K13-141	KB	5.0	5.3	5.7	5.3	5.3	5.7	6.0	6.3
NONET	TF	4.7	6.0	5.7	5.7	6.0	6.0	5.7	6.0
PST-R511	TF	4.3	6.3	5.7	5.7	5.7	5.3	6.0	6.0
SUPERSONIC	TF	5.0	6.0	5.7	5.3	5.7	5.7	5.3	6.0
RS4	TF	5.0	6.3	6.3	5.7	6.3	6.0	6.0	6.3
DLFPS 321/3678	TF	5.7	5.7	5.7	6.0	6.3	6.0	6.0	6.0
PST-K11-118	KB	4.7	6.0	5.7	5.3	5.0	5.3	5.0	5.3
EVEREST	KB	4.3	5.7	6.0	6.3	6.3	6.3	6.0	6.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		7.0	7.3	6.7	6.7	5.7	5.7	5.0	5.0
BAR FA 121095	TF	5.3	6.0	6.0	6.0	6.0	6.3	6.3	6.3
BLUE NOTE	KB	4.3	5.7	6.0	5.7	5.0	5.3	5.3	5.3
PST-SSDS	TF	4.7	5.0	5.3	5.3	5.3	5.3	5.3	5.7
MIDNIGHT	KB	3.7	5.0	5.3	6.3	6.0	5.3	5.3	5.3
PST-K15-169	KB	5.3	6.0	6.0	6.0	5.0	5.0	4.7	5.0
PST-K13-143	KB	4.0	5.0	4.7	5.0	4.3	4.0	4.7	4.7
PST-K13-137	KB	4.3	6.0	5.7	6.0	6.3	6.0	5.0	5.0
NAI-13-14	KB	4.7	4.7	5.3	6.0	6.0	5.7	5.0	5.3
DAUNTLESS	KB	4.3	5.3	5.0	4.7	4.7	4.7	4.3	4.3
BAR PP 110358	KB	6.0	5.3	5.7	5.0	5.0	5.3	4.7	4.3
BLUE DEVIL	KB	4.0	4.7	5.0	5.7	5.3	4.3	4.7	4.7
BABE	KB	4.3	5.0	4.7	4.0	3.7	4.3	3.7	3.7
BARRARI	KB	4.7	5.3	5.7	5.0	4.3	4.3	3.3	4.0
LSD VALUE		1.8	2.2	2.2	1.4	0.9	0.9	0.8	0.9
C.V. (%)		18.3	15.3	14.1	12.6	10.3	10.2	9.5	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 17C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2019 DATA

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

NAME		QUALITY RATINGS						
		JUL 16	JUL 24	JUL 31	AUG 5	AUG 12	AUG 19	AUG 27
DLFPS 321/3677	TF	7.3	6.7	6.7	6.7	7.3	7.7	8.0
THOR	TF	6.7	6.7	6.7	6.7	6.7	7.3	7.0
KINGDOM	TF	6.7	6.3	6.7	6.7	6.7	6.7	6.3
THUNDERSTRUCK	TF	6.7	6.3	6.3	6.3	6.7	6.7	6.7
DLFPS 321/3679	TF	7.0	6.7	6.3	6.7	6.3	5.7	6.0
GO-AOMK	TF	6.7	6.3	6.7	6.7	6.0	6.7	6.3
STETSON II	TF	6.3	6.3	6.3	6.3	6.7	6.0	6.0
MRSL TF15	TF	6.3	6.3	5.7	5.7	5.7	5.7	5.7
NAI-13-132	KB	6.3	5.7	5.3	5.7	6.0	6.0	5.7
TITANIUM 2LS	TF	6.0	6.0	6.0	6.0	5.7	5.7	5.3
BARROBUSTO	TF	6.0	6.0	6.3	6.0	5.7	6.3	6.3
LTP-SYN-A3	TF	6.3	5.7	6.0	6.0	6.0	6.0	6.0
CATALYST	TF	6.3	6.0	5.3	5.7	6.0	6.0	5.7
PST-K13-141	KB	6.7	6.3	5.7	5.7	5.7	5.7	5.7
NONET	TF	6.0	6.0	5.7	5.7	6.0	6.0	6.0
PST-R511	TF	6.0	5.3	5.3	5.7	5.7	5.7	5.0
SUPERSONIC	TF	6.0	5.7	5.3	5.7	5.7	5.7	6.0
RS4	TF	6.3	5.7	5.3	5.0	5.7	5.3	4.7
DLFPS 321/3678	TF	6.0	5.7	5.3	5.3	5.3	4.7	5.3
PST-K11-118	KB	5.3	5.3	5.0	5.3	5.3	5.3	5.3
EVEREST	KB	5.7	5.3	5.0	5.0	5.0	5.0	4.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.3	4.7	3.3	4.3	4.3	4.3	4.3
BAR FA 121095	TF	6.0	5.3	5.0	5.0	4.7	4.7	4.0
BLUE NOTE	KB	4.7	4.7	4.0	4.3	5.0	5.0	4.7
PST-5SDS	TF	5.3	5.3	5.0	5.0	5.0	4.7	4.3
MIDNIGHT	KB	5.0	5.3	5.0	5.0	5.3	5.0	4.3
PST-K15-169	KB	5.3	5.0	4.3	4.3	4.7	4.7	4.0
PST-K13-143	KB	5.3	4.7	4.7	4.3	4.7	4.7	4.3
PST-K13-137	KB	5.0	4.7	4.7	4.7	4.7	4.3	4.3
NAI-13-14	KB	5.3	5.0	4.3	4.7	4.3	4.0	3.0
DAUNTLESS	KB	4.3	4.3	4.3	4.3	4.7	4.7	4.0
BAR PP 110358	KB	3.3	3.3	3.0	3.0	4.0	3.7	3.0
BLUE DEVIL	KB	4.3	4.0	4.0	3.7	4.0	3.7	2.7
BABE	KB	3.7	4.0	4.0	4.0	4.0	3.7	3.3
BARRARI	KB	3.3	3.0	2.3	2.3	2.3	2.7	2.7
LSD VALUE		1.2	1.1	1.4	1.6	2.0	2.2	2.6
C.V. (%)		12.9	12.3	16.8	18.3	19.7	22.3	27.3

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 17C. PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 80% OF ET
 (CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
 2019 DATA

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

NAME		QUALITY RATINGS						MEAN
		SEPT 6	SEPT 11	SEPT 19	SEPT 24	OCT 2	OCT 8	
DLFPS 321/3677	TF	6.3	6.7	7.0	7.0	7.0	6.3	6.8
THOR	TF	6.3	6.7	6.7	6.7	7.0	6.3	6.7
KINGDOM	TF	5.7	6.3	5.7	5.7	6.0	5.3	6.3
THUNDERSTRUCK	TF	5.7	6.3	6.3	5.7	6.3	6.0	6.3
DLFPS 321/3679	TF	6.0	6.7	6.7	6.0	6.7	5.7	6.2
GO-AOMK	TF	5.7	6.0	6.0	6.0	5.7	5.7	6.2
STETSON II	TF	5.7	6.3	6.3	6.7	6.7	6.3	6.1
MRSL TF15	TF	6.0	6.7	6.7	6.3	6.3	5.7	6.1
NAI-13-132	KB	5.0	5.3	5.0	5.7	6.7	7.0	6.0
TITANIUM 2LS	TF	5.3	6.3	6.0	6.0	6.3	6.3	6.0
BARROBUSTO	TF	6.3	6.7	6.3	6.3	6.3	6.0	6.0
LTP-SYN-A3	TF	5.3	6.0	6.0	5.7	6.0	5.7	5.9
CATALYST	TF	5.3	5.3	5.3	5.7	6.3	5.7	5.8
PST-K13-141	KB	5.7	5.7	5.7	6.0	6.0	6.3	5.8
NONET	TF	5.0	5.7	5.7	6.0	6.0	5.7	5.8
PST-R511	TF	5.3	5.7	5.7	6.3	6.7	5.7	5.7
SUPERSONIC	TF	4.7	5.0	5.3	6.0	6.0	6.0	5.6
RS4	TF	4.0	5.3	5.3	5.3	5.0	5.3	5.5
DLFPS 321/3678	TF	4.7	5.0	4.7	5.3	5.7	5.3	5.5
PST-K11-118	KB	5.3	5.3	5.3	6.3	5.7	7.0	5.4
EVEREST	KB	4.0	4.7	4.7	5.7	6.0	6.0	5.4
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.3	5.0	5.0	5.7	6.3	7.0	5.4
BAR FA 121095	TF	3.7	4.0	4.3	4.7	5.3	5.0	5.2
BLUE NOTE	KB	4.0	4.7	5.3	6.3	6.7	7.3	5.2
PST-5SDS	TF	4.3	5.3	5.3	5.7	5.7	5.3	5.2
MIDNIGHT	KB	3.7	4.3	4.3	5.0	5.3	6.0	5.0
PST-K15-169	KB	3.7	4.7	4.7	5.0	6.0	6.0	5.0
PST-K13-143	KB	4.7	5.0	5.0	6.3	7.0	8.0	5.0
PST-K13-137	KB	3.3	3.7	4.0	4.3	5.0	5.3	4.9
NAI-13-14	KB	3.0	3.7	3.7	4.3	4.7	5.0	4.7
DAUNTLESS	KB	4.0	4.3	4.7	5.0	5.0	5.3	4.6
BAR PP 110358	KB	3.0	3.7	3.7	4.7	5.0	5.3	4.3
BLUE DEVIL	KB	2.3	3.7	4.0	4.3	4.3	5.3	4.2
BABE	KB	2.7	3.7	4.0	5.0	5.7	5.7	4.1
BARRARI	KB	2.3	3.7	4.3	5.0	5.3	5.7	3.9
LSD VALUE		2.3	2.1	2.4	1.9	2.3	2.1	1.0
C.V. (%)		26.6	21.5	21.3	15.6	15.9	15.1	10.8

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

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

TABLE 17C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2019 DATA

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

NAME		PERCENT GREEN COVER											
		MAY 22	JUN 6	JUN 10	JUN 17	JUN 24	JUL 1	JUL 8	JUL 15	JUL 22	JUL 29	AUG 5	AUG 12
DLFPS 321/3677	TF	97.3	95.0	93.3	94.7	88.3	87.3	86.0	85.0	82.3	82.7	78.3	78.0
THOR	TF	93.3	94.7	90.3	93.3	89.7	87.7	87.7	87.0	70.7	85.3	81.0	81.3
KINGDOM	TF	96.0	93.0	92.0	93.0	88.0	86.7	86.3	86.0	75.7	82.3	76.7	74.7
THUNDERSTRUCK	TF	97.7	94.3	83.3	93.0	89.3	86.7	85.7	84.3	76.7	80.0	74.3	71.7
DLFPS 321/3679	TF	98.3	93.0	90.3	92.3	86.0	84.3	85.3	84.3	79.3	80.7	76.3	76.7
GO-AOMK	TF	96.0	92.3	94.7	91.7	88.7	86.7	86.3	84.7	74.3	82.0	76.7	75.3
STETSON II	TF	97.7	94.3	83.3	93.3	88.0	87.0	87.3	86.7	81.3	85.0	80.3	79.7
MRSL TF15	TF	96.7	95.3	91.3	93.3	88.7	87.7	86.7	85.7	79.3	82.3	77.0	76.0
NAI-13-132	KB	97.3	96.7	90.0	95.0	91.0	87.0	86.0	83.7	73.7	83.3	79.0	77.0
TITANIUM 2LS	TF	98.3	96.0	93.3	94.3	90.0	86.3	84.7	82.3	71.3	77.3	73.7	69.7
BARROBUSTO	TF	98.0	91.0	88.0	91.7	87.0	84.7	84.7	84.7	74.7	81.3	75.7	74.3
LTP-SYN-A3	TF	97.3	96.0	72.0	92.7	88.3	85.7	84.7	82.7	62.3	79.3	75.0	70.0
CATALYST	TF	97.0	92.7	93.7	92.3	87.0	85.7	85.0	83.3	70.7	82.0	76.0	72.7
PST-K13-141	KB	97.3	96.3	92.7	93.7	89.3	89.3	88.0	87.3	79.3	90.0	87.3	86.3
NONET	TF	96.3	91.0	94.7	90.0	84.3	81.3	81.7	81.0	72.7	80.0	73.3	72.0
PST-R511	TF	98.7	94.7	95.0	94.3	86.3	85.3	84.7	82.0	57.3	76.7	71.7	67.7
SUPERSONIC	TF	96.7	90.0	91.0	91.7	84.3	82.0	82.7	81.0	76.3	79.7	73.7	71.3
RS4	TF	96.3	94.7	91.3	94.7	91.0	88.3	86.3	83.3	60.0	78.3	69.0	65.7
DLFPS 321/3678	TF	97.7	93.3	94.0	91.3	85.7	84.0	81.7	80.0	61.0	76.7	67.7	62.7
PST-K11-118	KB	94.0	94.7	93.7	90.3	83.7	82.7	82.7	81.3	66.3	77.0	77.7	77.0
EVEREST	KB	95.0	97.7	92.0	95.7	91.0	85.0	82.3	77.0	71.3	71.3	64.3	63.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		98.0	98.0	93.0	95.0	88.3	87.0	81.0	72.7	60.7	58.3	51.7	52.7
BAR FA 121095	TF	97.7	95.7	90.3	93.7	89.7	87.3	85.3	82.0	69.7	79.3	72.0	65.7
BLUE NOTE	KB	97.7	97.0	93.7	93.7	89.3	85.0	81.0	77.3	64.7	71.0	65.7	63.3
PST-SSDS	TF	97.3	92.7	92.7	92.7	88.0	85.0	84.7	84.0	73.7	79.3	72.7	69.7
MIDNIGHT	KB	97.7	96.0	91.7	94.3	89.3	85.7	85.3	82.3	70.3	81.0	74.0	72.3
PST-K15-169	KB	97.0	94.0	89.3	89.0	82.7	77.3	73.3	71.0	65.7	68.3	60.7	60.7
PST-K13-143	KB	97.7	90.0	91.7	87.3	80.0	77.7	74.0	71.0	56.7	67.3	60.3	57.7
PST-K13-137	KB	97.3	95.3	93.3	91.3	84.3	78.0	75.3	71.7	69.0	69.0	58.3	58.7
NAI-13-14	KB	98.7	95.0	93.0	93.3	88.3	83.0	79.7	73.0	75.0	69.0	52.7	51.7
DAUNTLESS	KB	98.3	91.3	93.7	84.7	77.0	75.7	73.3	72.0	58.3	73.3	59.7	59.7
BAR PP 110358	KB	94.0	95.7	89.3	93.3	87.3	84.7	77.7	71.7	67.3	64.0	55.0	52.3
BLUE DEVIL	KB	98.3	95.0	91.0	92.7	86.7	78.7	73.0	69.3	46.3	64.0	47.3	46.0
BABE	KB	97.7	87.0	94.3	80.0	67.0	63.7	61.7	62.3	59.7	59.0	51.3	52.7
BARRARI	KB	97.7	95.0	84.7	90.0	80.0	69.7	63.0	56.3	42.3	40.0	31.0	26.0
LSD VALUE		7.6	3.6	31.0	3.8	5.4	7.4	8.8	11.6	58.1	19.0	28.3	36.0
C.V. (%)		2.3	2.2	9.2	2.6	3.9	5.4	6.5	8.5	24.4	13.6	20.3	23.5

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

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

TABLE 17C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2019 DATA

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

NAME		PERCENT GREEN COVER										
		AUG 19	AUG 26	SEPT 3	SEPT 11	SEPT 16	SEPT 24	OCT 2	OCT 8	OCT 15	OCT 16	NOV 1
DLFPS 321/3677	TF	71.0	84.0	88.3	92.3	93.7	93.3	94.0	89.0	76.7	63.3	56.3
THOR	TF	59.7	85.3	89.3	90.3	93.0	93.3	94.7	92.3	84.7	73.0	66.7
KINGDOM	TF	56.0	72.3	77.3	83.3	82.3	86.0	86.3	84.7	72.0	86.0	79.7
THUNDERSTRUCK	TF	59.3	75.3	79.0	83.3	85.7	87.3	90.7	87.3	77.7	65.0	58.0
DLFPS 321/3679	TF	65.0	82.3	86.0	89.7	91.0	91.0	93.3	88.0	77.3	82.7	74.7
GO-AOMK	TF	53.7	77.7	81.3	86.3	85.3	88.0	86.0	80.0	67.0	78.3	71.0
STETSON II	TF	67.0	81.3	86.3	88.3	88.0	90.3	92.7	87.3	78.0	86.0	75.3
MRSL TF15	TF	70.3	82.0	87.3	90.3	91.3	91.3	92.3	87.3	75.3	76.3	63.7
NAI-13-132	KB	60.3	73.3	76.7	79.7	82.3	87.0	93.3	91.3	88.7	66.3	56.7
TITANIUM 2LS	TF	56.0	70.7	74.7	80.7	84.0	86.0	91.3	88.3	79.3	65.0	56.3
BARROBUSTO	TF	58.0	78.0	81.3	86.0	86.3	88.7	92.7	89.3	78.0	83.0	75.3
LTP-SYN-A3	TF	48.7	71.0	73.0	78.0	78.3	82.0	89.0	85.7	77.0	68.3	56.3
CATALYST	TF	53.3	74.0	82.0	87.3	86.0	88.3	91.0	86.7	76.0	67.7	54.3
PST-K13-141	KB	65.7	83.0	83.7	85.3	86.3	87.0	92.7	90.3	85.0	67.3	56.7
NONET	TF	61.3	76.0	79.7	83.7	84.7	85.3	89.7	83.7	73.7	75.3	60.0
PST-R511	TF	54.0	71.7	78.3	85.3	85.7	90.0	93.0	88.7	77.7	80.0	68.0
SUPERSONIC	TF	60.3	72.7	77.0	82.3	85.3	87.3	92.0	90.3	82.3	84.0	78.3
RS4	TF	45.7	65.3	72.3	79.0	81.7	88.0	92.7	89.0	80.3	80.3	74.0
DLFPS 321/3678	TF	46.0	66.7	73.7	79.3	79.7	81.7	88.0	84.3	76.7	68.7	51.7
PST-K11-118	KB	44.3	70.7	79.7	82.3	79.0	87.7	94.0	93.7	91.7	65.3	55.3
EVEREST	KB	54.0	59.0	61.0	65.7	72.0	79.3	88.3	86.7	85.7	80.0	71.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		54.3	64.0	76.7	89.3	90.7	93.3	97.7	97.0	94.7	66.7	56.7
BAR FA 121095	TF	53.0	65.0	72.7	79.3	77.0	84.7	87.0	82.7	71.7	65.3	54.3
BLUE NOTE	KB	44.3	61.7	64.0	71.3	76.3	82.0	91.7	90.0	86.3	69.7	60.0
PST-5SDS	TF	55.7	66.7	73.7	77.0	78.3	83.3	90.3	86.3	77.3	80.3	70.0
MIDNIGHT	KB	53.3	61.7	68.3	71.0	74.7	81.3	91.0	89.0	85.3	59.0	47.3
PST-K15-169	KB	56.3	47.7	58.0	67.3	72.7	79.3	88.0	84.7	77.3	59.0	49.7
PST-K13-143	KB	47.0	53.0	62.3	71.0	76.0	82.7	93.0	92.3	88.7	65.7	53.3
PST-K13-137	KB	52.3	53.3	50.7	60.0	59.7	73.3	83.0	83.3	79.7	74.0	65.0
NAI-13-14	KB	54.0	44.0	50.7	56.0	59.7	71.0	82.3	81.0	74.3	75.3	64.0
DAUNTLESS	KB	58.7	59.7	60.0	64.3	67.0	76.3	86.3	84.0	77.0	83.7	77.3
BAR PP 110358	KB	52.0	43.0	51.0	59.0	56.0	75.3	87.7	86.3	80.0	93.0	88.0
BLUE DEVIL	KB	44.3	38.0	45.3	57.7	61.0	73.7	88.3	86.7	85.7	53.7	41.0
BABE	KB	49.0	46.3	53.3	62.3	64.0	75.0	85.7	83.7	78.0	76.7	65.0
BARRARI	KB	22.0	26.7	33.7	47.0	57.3	74.0	90.3	89.0	86.0	80.0	67.3
LSD VALUE		102.3	39.8	36.4	31.2	33.7	26.0	19.1	19.5	13.4	24.7	38.2
C.V. (%)		41.2	27.5	23.9	18.9	18.2	11.2	6.4	6.9	8.5	15.6	23.6

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

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

TABLE 18A.

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2019 DATA

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

NAME		APRIL	MAY	QUALITY RATINGS					JULY 4	JULY 8
				JUNE 5	JUNE 10	JUNE 17	JUNE 24			
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.0	6.3	6.0	6.0	5.3	5.3	4.3	3.7	
NAI-13-14	KB	5.0	6.7	6.0	6.7	6.3	5.0	3.7	3.7	
EVEREST	KB	4.3	4.7	5.3	5.7	5.7	5.3	4.0	4.0	
PST-K11-118	KB	5.3	4.7	5.0	4.3	4.3	4.3	3.7	3.7	
BLUE NOTE	KB	6.3	6.0	6.0	5.7	5.3	4.7	3.3	3.3	
PST-K15-169	KB	5.3	6.3	6.0	6.3	5.0	3.7	2.7	2.7	
MIDNIGHT	KB	3.7	4.3	5.0	6.0	5.0	4.7	3.7	4.0	
PST-K13-141	KB	4.3	5.3	5.3	5.3	5.3	4.3	3.0	3.0	
PST-K13-137	KB	4.3	6.0	5.3	6.0	6.0	5.0	3.3	3.0	
BLUE DEVIL	KB	3.0	4.3	4.7	5.0	5.0	4.3	3.3	3.3	
NAI-13-132	KB	4.3	4.3	5.0	6.0	5.0	4.3	3.0	3.3	
PST-K13-143	KB	4.7	5.0	5.3	5.0	4.7	3.7	2.7	2.7	
BARRARI	KB	5.0	5.7	5.7	4.7	4.7	3.7	2.3	2.3	
BABE	KB	3.7	5.3	5.0	5.0	4.0	3.7	2.7	2.3	
BAR PP 110358	KB	4.7	5.3	5.3	4.7	4.0	3.7	3.0	3.0	
DAUNTLESS	KB	3.7	4.7	4.3	4.0	3.3	3.0	2.3	2.3	
LSD VALUE		2.6	1.3	1.8	1.1	1.2	1.3	1.0	1.0	
C.V. (%)		24.5	13.8	13.7	11.4	13.6	15.8	17.5	17.6	

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

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

TABLE 18A. PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 40% OF ET
 (CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
 2019 DATA

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

NAME		QUALITY RATINGS						
		JUL 16	JUL 24	JUL 31	AUG 5	AUG 12	AUG 19	AUG 27
SR 4650 (P.RYEGRASS STANDARD ENTRY)		3.3	3.0	2.3	2.3	2.3	2.0	1.7
NAI-13-14	KB	3.3	3.3	2.7	2.3	2.0	2.0	1.3
EVEREST	KB	3.3	3.0	3.0	3.0	2.3	2.0	1.3
PST-K11-118	KB	3.3	3.3	3.0	3.0	2.3	2.3	2.0
BLUE NOTE	KB	2.3	2.3	2.3	2.3	1.7	1.3	1.0
PST-K15-169	KB	2.7	2.7	2.0	2.0	2.0	1.3	1.0
MIDNIGHT	KB	3.0	2.7	2.7	2.7	2.7	2.0	1.7
PST-K13-141	KB	2.3	2.3	2.0	1.7	1.7	1.7	1.0
PST-K13-137	KB	3.0	3.0	2.3	1.7	1.7	1.3	1.0
BLUE DEVIL	KB	3.3	3.3	2.7	2.3	2.3	1.7	1.3
NAI-13-132	KB	3.0	2.7	2.3	2.3	2.3	2.7	1.7
PST-K13-143	KB	3.0	2.7	2.3	2.0	2.0	1.0	1.0
BARRARI	KB	2.0	1.7	2.0	1.7	1.3	1.0	1.3
BABE	KB	2.3	2.0	2.0	2.0	2.0	1.7	1.0
BAR PP 110358	KB	2.3	2.3	2.0	3.0	2.3	1.7	1.0
DAUNTLESS	KB	2.3	2.0	1.7	1.7	2.7	1.7	1.0
LSD VALUE		1.6	1.3	1.4	1.5	1.7	1.1	0.8
C.V. (%)		23.8	23.2	24.4	28.9	29.7	31.2	30.5

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 18A. PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 40% OF ET
 (CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
 2019 DATA

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

NAME		QUALITY RATINGS					MEAN	
		SEPT 6	SEPT 11	SEPT 19	SEPT 24	OCT 2		OCT 8
SR 4650 (P.RYEGRASS STANDARD ENTRY)		1.7	2.7	3.0	4.3	4.7	5.3	3.8
NAI-13-14	KB	1.0	2.0	2.3	3.7	4.7	5.0	3.7
EVEREST	KB	1.0	2.0	2.7	3.3	4.3	5.0	3.6
PST-K11-118	KB	1.7	2.0	2.7	4.0	5.0	5.3	3.6
BLUE NOTE	KB	1.0	2.3	3.0	4.0	4.7	5.7	3.6
PST-K15-169	KB	1.0	2.3	3.3	4.3	5.3	6.3	3.5
MIDNIGHT	KB	1.3	2.3	2.7	4.0	4.3	5.0	3.5
PST-K13-141	KB	1.3	3.0	3.3	4.3	5.3	6.3	3.4
PST-K13-137	KB	1.0	2.0	2.3	3.7	4.7	5.3	3.4
BLUE DEVIL	KB	1.3	2.3	3.0	4.0	4.3	4.7	3.3
NAI-13-132	KB	1.0	1.7	2.0	3.7	4.0	5.0	3.3
PST-K13-143	KB	1.3	2.0	2.7	4.0	5.0	6.0	3.3
BARRARI	KB	1.0	2.0	2.7	4.0	5.3	6.7	3.2
BABE	KB	1.0	2.3	3.0	4.0	5.7	4.7	3.1
BAR PP 110358	KB	1.0	2.0	1.7	4.0	4.3	4.0	3.1
DAUNTLESS	KB	1.0	2.0	2.7	3.7	4.0	4.3	2.8
LSD VALUE		0.9	0.8	1.3	2.2	1.6	2.1	0.6
C.V. (%)		30.1	17.8	21.3	16.9	14.4	17.8	9.0

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

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

TABLE 18A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2019 DATA

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

NAME		PERCENT GREEN COVER											
		MAY 22	JUN 6	JUN 10	JUN 17	JUN 24	JUL 1	JUL 8	JUL 15	JUL 22	JUL 29	AUG 5	AUG 12
SR 4650 (P.RYEGRASS STANDARD ENTRY)		97.3	97.3	94.7	94.7	85.3	69.0	59.3	44.3	33.7	26.0	13.7	9.7
NAI-13-14	KB	98.0	95.7	90.7	91.0	79.0	58.7	54.7	40.7	28.0	33.3	15.0	11.3
EVEREST	KB	95.3	95.7	86.3	90.7	79.0	60.3	55.3	42.3	35.0	37.7	18.0	18.7
PST-K11-118	KB	97.3	91.7	92.3	83.0	72.7	57.3	56.7	47.0	32.0	36.3	15.0	12.7
BLUE NOTE	KB	97.0	97.0	95.0	91.7	78.7	54.3	41.3	24.0	10.0	13.3	6.7	6.0
PST-K15-169	KB	98.0	92.0	89.0	84.3	66.3	45.7	39.7	23.7	13.7	17.7	5.3	7.0
MIDNIGHT	KB	96.3	95.0	93.3	91.3	76.0	55.7	49.0	30.7	23.3	26.0	13.7	13.3
PST-K13-141	KB	97.3	94.0	91.3	90.0	73.3	44.0	33.3	22.3	11.3	11.0	4.7	3.0
PST-K13-137	KB	97.7	94.0	94.3	90.7	82.3	61.7	53.3	38.7	23.3	24.0	10.7	10.7
BLUE DEVIL	KB	97.0	94.0	88.7	90.0	80.0	61.7	52.7	41.0	26.0	31.0	11.7	12.0
NAI-13-132	KB	98.7	94.7	93.3	90.0	78.0	58.0	49.3	35.0	21.3	23.7	12.0	10.0
PST-K13-143	KB	98.0	89.7	90.3	82.3	61.3	40.0	32.3	22.0	15.7	11.3	4.0	3.3
BARRARI	KB	97.3	94.7	83.7	85.0	63.3	34.0	23.7	16.3	7.0	9.7	4.0	2.3
BABE	KB	98.7	89.3	92.7	79.0	58.0	35.0	27.3	22.3	11.7	18.0	9.0	6.3
BAR PP 110358	KB	96.0	95.0	88.3	91.0	76.0	59.0	54.3	40.3	26.7	27.3	15.3	9.7
DAUNTLESS	KB	98.7	87.0	90.0	73.7	51.7	32.3	26.7	17.3	11.3	11.3	4.0	5.0
LSD VALUE		5.5	5.8	17.7	6.5	9.5	12.3	15.4	15.1	12.3	12.1	8.5	7.6
C.V. (%)		1.9	3.2	6.5	4.5	8.2	14.7	20.7	27.4	35.1	32.1	45.3	47.1

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 KENTUCKY BLUEGRASS CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2019 DATA

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

NAME		PERCENT GREEN COVER										
		AUG 19	AUG 26	SEPT 3	SEPT 11	SEPT 16	SEPT 24	OCT 2	OCT 8	OCT 15	OCT 16	NOV 1
SR 4650 (P.RYEGRASS STANDARD ENTRY)		7.7	11.3	11.0	20.3	41.3	66.7	87.7	86.7	81.7	69.0	57.7
NAI-13-14	KB	5.7	7.7	8.7	5.7	20.7	47.7	75.3	77.7	65.7	88.7	83.0
EVEREST	KB	11.7	11.3	10.3	7.7	22.3	47.0	73.3	75.3	62.7	81.0	71.7
PST-K11-118	KB	5.0	7.3	7.7	8.0	22.3	47.3	79.0	81.0	79.3	76.7	67.0
BLUE NOTE	KB	3.3	5.3	7.0	8.0	28.0	57.3	83.0	81.7	78.3	86.3	79.0
PST-K15-169	KB	3.3	6.0	7.3	7.3	23.3	58.0	85.0	87.3	74.7	79.3	71.0
MIDNIGHT	KB	6.0	8.7	9.0	8.0	25.0	56.3	81.0	82.0	74.3	81.3	75.3
PST-K13-141	KB	2.0	4.0	9.0	17.7	37.7	67.0	86.3	89.3	77.0	66.7	55.7
PST-K13-137	KB	7.3	10.0	10.0	7.3	18.7	39.7	71.7	77.0	69.3	89.3	82.0
BLUE DEVIL	KB	8.3	9.7	9.7	9.0	26.7	57.7	81.7	82.3	84.0	76.0	65.7
NAI-13-132	KB	4.3	6.0	6.3	4.7	17.0	47.3	80.0	83.3	77.0	85.3	78.0
PST-K13-143	KB	2.7	5.7	6.3	5.3	18.3	47.0	80.3	82.0	75.7	78.7	71.0
BARRARI	KB	1.7	3.3	5.0	8.0	23.7	53.0	87.7	89.3	84.7	88.0	81.0
BABE	KB	4.0	5.7	7.0	9.0	25.0	53.0	77.7	75.3	63.3	83.0	75.7
BAR PP 110358	KB	4.7	7.0	8.0	5.0	20.0	44.3	73.0	73.0	62.7	80.7	69.0
DAUNTLESS	KB	3.0	5.3	8.0	7.7	23.0	46.7	75.0	74.0	65.7	90.3	85.7
LSD VALUE		5.5	3.8	7.9	13.2	9.5	15.8	17.4	21.6	27.8	28.5	42.0
C.V. (%)		55.7	30.1	34.4	65.4	22.3	15.6	9.1	10.2	15.1	13.3	20.4

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

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

TABLE 18B.

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2019 DATA

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

NAME		APRIL	MAY	QUALITY RATINGS					JULY 4	JULY 8
				JUNE 5	JUNE 10	JUNE 17	JUNE 24			
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.3	7.0	7.0	6.3	5.7	5.3	5.0	5.0	
NAI-13-132	KB	3.7	4.7	5.3	5.7	5.3	5.7	5.0	5.0	
EVEREST	KB	3.7	5.0	5.0	5.0	5.0	5.0	4.7	4.7	
MIDNIGHT	KB	4.0	5.0	5.3	6.0	6.3	5.3	4.3	4.3	
PST-K13-143	KB	3.7	4.0	4.0	4.3	4.7	4.7	4.7	4.3	
PST-K13-141	KB	4.0	4.0	5.0	5.0	5.0	4.7	4.7	4.3	
BLUE NOTE	KB	4.7	5.3	5.3	4.7	5.0	5.0	4.7	4.3	
PST-K15-169	KB	4.0	4.3	4.7	5.7	5.3	5.0	4.3	4.0	
NAI-13-14	KB	4.7	5.3	6.0	5.7	5.7	5.3	4.0	3.7	
BLUE DEVIL	KB	3.0	4.0	4.7	4.7	5.3	5.0	4.3	4.3	
PST-K11-118	KB	4.3	5.0	5.3	5.0	5.0	4.7	4.3	4.0	
BARRARI	KB	4.0	5.0	5.0	4.3	4.7	4.3	3.7	3.3	
BABE	KB	4.0	5.3	5.0	4.7	4.3	4.0	3.3	3.3	
BAR PP 110358	KB	5.3	5.3	5.7	5.0	4.7	4.3	3.7	3.7	
DAUNTLESS	KB	4.0	5.0	4.7	4.3	4.0	4.0	4.0	3.7	
PST-K13-137	KB	3.7	4.0	4.3	4.7	5.0	4.7	3.7	3.3	
LSD VALUE		2.4	2.3	2.1	1.8	2.7	1.8	1.5	1.9	
C.V. (%)		24.5	20.4	17.8	15.6	19.1	14.8	15.2	18.9	

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 18B. PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 60% OF ET
(CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2019 DATA

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

NAME		QUALITY RATINGS						
		JUL 16	JUL 24	JUL 31	AUG 5	AUG 12	AUG 19	AUG 27
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.0	3.7	3.0	2.7	3.3	3.7	2.7
NAI-13-132	KB	4.7	4.7	4.0	3.0	3.7	3.3	3.0
EVEREST	KB	4.3	4.3	4.0	3.7	4.0	3.0	3.0
MIDNIGHT	KB	4.7	4.0	3.7	3.3	4.7	3.3	2.3
PST-K13-143	KB	4.0	4.0	4.0	3.7	4.3	4.3	3.7
PST-K13-141	KB	4.0	4.0	3.7	3.3	3.3	3.0	2.7
BLUE NOTE	KB	3.7	3.7	3.0	2.7	3.3	3.0	3.0
PST-K15-169	KB	4.0	3.3	3.3	2.7	3.3	3.0	2.3
NAI-13-14	KB	3.7	3.7	3.0	3.0	3.0	3.0	2.0
BLUE DEVIL	KB	4.0	4.0	3.3	3.0	3.0	3.0	2.7
PST-K11-118	KB	3.0	3.0	3.0	2.7	3.0	2.3	2.0
BARRARI	KB	3.0	3.0	2.7	2.7	2.7	3.0	2.3
BABE	KB	3.3	4.3	2.7	2.3	2.7	2.7	2.0
BAR PP 110358	KB	2.7	3.0	3.0	2.7	2.7	2.0	1.7
DAUNTLESS	KB	3.0	3.0	2.7	2.3	3.0	3.0	2.7
PST-K13-137	KB	2.7	2.7	2.3	2.3	2.3	2.0	1.3
LSD VALUE		1.8	2.3	2.2	2.6	1.8	2.1	1.4
C.V. (%)		22.4	24.3	25.6	29.6	24.8	28.2	27.3

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 18B. PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 60% OF ET
(CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2019 DATA

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

NAME		QUALITY RATINGS					OCT 8	MEAN
		SEPT 6	SEPT 11	SEPT 19	SEPT 24	OCT 2		
SR 4650 (P.RYEGRASS STANDARD ENTRY)		2.7	3.7	4.3	5.0	5.3	6.3	4.7
NAI-13-132	KB	3.0	3.0	3.3	4.3	5.0	5.3	4.3
EVEREST	KB	2.7	3.3	3.3	4.7	5.0	6.0	4.3
MIDNIGHT	KB	2.3	3.0	3.0	4.0	4.3	5.0	4.2
PST-K13-143	KB	2.7	3.7	3.7	5.0	5.0	6.0	4.2
PST-K13-141	KB	3.0	4.0	4.0	4.3	4.7	4.3	4.0
BLUE NOTE	KB	2.7	3.0	3.0	4.0	5.0	5.3	4.0
PST-K15-169	KB	3.0	3.3	3.3	4.3	5.0	5.0	4.0
NAI-13-14	KB	2.0	2.7	3.3	4.0	4.3	5.0	4.0
BLUE DEVIL	KB	2.0	3.0	3.0	4.3	4.7	4.7	3.8
PST-K11-118	KB	2.0	2.7	3.3	4.3	5.0	5.0	3.8
BARRARI	KB	2.3	3.3	3.3	4.0	5.0	5.3	3.7
BABE	KB	2.3	3.3	3.3	4.0	4.3	4.7	3.6
BAR PP 110358	KB	2.0	2.7	2.7	4.0	4.3	5.0	3.6
DAUNTLESS	KB	2.3	3.3	3.3	4.0	4.3	5.0	3.6
PST-K13-137	KB	1.7	2.3	2.7	3.3	4.0	4.0	3.2
LSD VALUE		1.3	1.5	2.5	2.0	2.1	1.7	0.9
C.V. (%)		23.2	19.5	25.0	16.6	14.9	14.7	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 18B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2019 DATA

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

NAME		PERCENT GREEN COVER											
		MAY 22	JUN 6	JUN 10	JUN 17	JUN 24	JUL 1	JUL 8	JUL 15	JUL 22	JUL 29	AUG 5	AUG 12
SR 4650 (P.RYEGRASS STANDARD ENTRY)		93.3	97.3	92.3	95.7	89.0	81.3	76.0	63.3	63.7	43.0	29.3	32.3
NAI-13-132	KB	99.0	95.3	93.0	93.3	87.0	78.7	76.0	69.3	73.7	61.7	45.0	45.7
EVEREST	KB	96.7	94.3	86.0	92.0	83.0	73.0	71.7	64.0	64.3	59.0	42.0	43.7
MIDNIGHT	KB	94.3	95.7	89.3	93.0	84.7	73.0	67.0	59.7	62.3	52.0	36.7	36.0
PST-K13-143	KB	97.3	88.3	91.0	84.3	75.7	68.3	66.7	63.7	75.0	57.3	42.3	42.3
PST-K13-141	KB	97.7	94.7	95.0	91.7	85.3	75.3	72.7	64.3	62.7	55.3	38.0	38.0
BLUE NOTE	KB	94.7	96.7	92.7	93.3	86.3	78.7	71.3	66.0	62.7	53.3	34.3	34.7
PST-K15-169	KB	98.3	92.3	93.3	89.0	77.7	69.0	62.3	55.7	54.7	46.3	30.3	33.3
NAI-13-14	KB	98.0	95.7	91.3	92.7	84.7	71.3	66.3	55.0	56.7	47.0	28.7	31.0
BLUE DEVIL	KB	98.0	95.3	91.0	92.7	81.7	71.7	67.0	58.0	57.3	50.7	29.7	34.0
PST-K11-118	KB	96.0	94.3	93.0	88.0	77.0	66.3	61.0	50.7	50.7	40.7	21.0	23.3
BARRARI	KB	98.3	94.3	90.0	87.3	76.0	66.3	53.0	47.7	51.0	37.0	24.3	26.7
BABE	KB	97.3	93.0	93.0	86.0	72.3	61.7	57.3	47.3	56.7	39.3	22.0	22.7
BAR PP 110358	KB	98.0	96.0	91.3	94.3	86.0	76.3	67.3	56.7	46.7	40.3	27.7	24.3
DAUNTLESS	KB	97.7	86.0	91.3	77.0	61.7	50.3	47.0	43.3	58.3	38.0	26.7	30.0
PST-K13-137	KB	98.7	90.0	91.3	84.0	71.7	52.7	43.3	33.3	33.7	24.7	13.3	13.3
LSD VALUE		6.1	8.9	13.2	7.4	13.0	21.4	35.9	41.2	49.6	38.0	45.3	44.0
C.V. (%)		2.5	4.2	4.6	4.7	8.8	14.7	22.2	27.4	30.0	31.8	50.7	47.7

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

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

TABLE 18B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2019 DATA

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

NAME		PERCENT GREEN COVER										
		AUG 19	AUG 26	SEPT 3	SEPT 11	SEPT 16	SEPT 24	OCT 2	OCT 8	OCT 15	OCT 16	NOV 1
SR 4650 (P.RYEGRASS STANDARD ENTRY)		55.0	29.0	35.3	55.3	67.7	82.0	94.3	93.7	91.3	73.0	63.0
NAI-13-132	KB	52.7	22.7	27.0	32.3	45.0	58.7	78.3	77.7	75.3	76.3	68.7
EVEREST	KB	47.3	23.3	30.0	35.0	46.3	60.3	83.7	84.7	83.3	79.7	69.3
MIDNIGHT	KB	48.0	19.0	22.0	31.3	44.7	64.7	82.7	82.7	80.0	83.7	77.0
PST-K13-143	KB	51.3	14.0	20.0	25.3	39.7	58.3	81.3	82.3	79.0	87.3	81.7
PST-K13-141	KB	38.3	18.7	26.3	35.3	50.7	65.3	85.3	84.7	83.7	87.3	82.3
BLUE NOTE	KB	46.3	16.3	21.0	25.3	41.7	59.7	84.7	85.0	80.0	74.7	65.0
PST-K15-169	KB	45.3	15.3	22.0	34.3	45.3	59.7	80.7	80.3	77.7	71.7	65.3
NAI-13-14	KB	40.0	16.7	23.0	27.7	43.3	60.0	78.7	78.3	75.3	80.3	73.3
BLUE DEVIL	KB	44.0	16.7	23.3	26.3	35.0	56.0	77.0	77.0	74.7	78.3	74.0
PST-K11-118	KB	30.7	11.0	16.3	20.0	32.7	50.7	74.0	74.7	72.7	82.7	75.7
BARRARI	KB	43.3	15.0	21.0	28.0	40.3	61.7	85.7	87.0	84.3	76.7	64.3
BABE	KB	33.0	12.3	19.3	30.3	40.7	61.0	79.7	78.3	74.0	88.7	83.7
BAR PP 110358	KB	18.7	11.7	16.0	23.0	37.0	58.7	83.0	81.3	77.0	80.0	67.7
DAUNTLESS	KB	42.7	18.3	23.3	31.7	44.3	60.7	80.7	80.3	75.3	89.3	85.0
PST-K13-137	KB	13.7	11.3	15.0	17.3	31.3	46.3	69.7	71.7	70.7	65.3	51.7
LSD VALUE		35.3	27.0	29.5	21.2	19.1	20.0	19.7	22.0	26.5	22.9	32.8
C.V. (%)		37.6	53.8	43.9	33.6	21.9	15.2	9.8	10.2	11.8	11.8	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 18C.

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2019 DATA

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

NAME		QUALITY RATINGS							
		APRIL	MAY	JUNE 5	JUNE 10	JUNE 17	JUNE 24	JULY 4	JULY 8
NAI-13-132	KB	5.0	6.3	7.0	7.7	7.0	6.7	6.0	6.0
PST-K13-141	KB	5.0	5.3	5.7	5.3	5.3	5.7	6.0	6.3
PST-K11-118	KB	4.7	6.0	5.7	5.3	5.0	5.3	5.0	5.3
EVEREST	KB	4.3	5.7	6.0	6.3	6.3	6.3	6.0	6.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		7.0	7.3	6.7	6.7	5.7	5.7	5.0	5.0
BLUE NOTE	KB	4.3	5.7	6.0	5.7	5.0	5.3	5.3	5.3
MIDNIGHT	KB	3.7	5.0	5.3	6.3	6.0	5.3	5.3	5.3
PST-K15-169	KB	5.3	6.0	6.0	6.0	5.0	5.0	4.7	5.0
PST-K13-143	KB	4.0	5.0	4.7	5.0	4.3	4.0	4.7	4.7
PST-K13-137	KB	4.3	6.0	5.7	6.0	6.3	6.0	5.0	5.0
NAI-13-14	KB	4.7	4.7	5.3	6.0	6.0	5.7	5.0	5.3
DAUNTLESS	KB	4.3	5.3	5.0	4.7	4.7	4.7	4.3	4.3
BAR PP 110358	KB	6.0	5.3	5.7	5.0	5.0	5.3	4.7	4.3
BLUE DEVIL	KB	4.0	4.7	5.0	5.7	5.3	4.3	4.7	4.7
BABE	KB	4.3	5.0	4.7	4.0	3.7	4.3	3.7	3.7
BARRARI	KB	4.7	5.3	5.7	5.0	4.3	4.3	3.3	4.0
LSD VALUE		1.8	2.7	2.5	1.8	1.0	0.9	0.9	1.2
C.V. (%)		19.1	19.0	17.4	16.1	11.7	10.7	11.4	13.7

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

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

TABLE 18C. PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 80% OF ET
(CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2019 DATA

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

NAME		QUALITY RATINGS						
		JUL 16	JUL 24	JUL 31	AUG 5	AUG 12	AUG 19	AUG 27
NAI-13-132	KB	6.3	5.7	5.3	5.7	6.0	6.0	5.7
PST-K13-141	KB	6.7	6.3	5.7	5.7	5.7	5.7	5.7
PST-K11-118	KB	5.3	5.3	5.0	5.3	5.3	5.3	5.3
EVEREST	KB	5.7	5.3	5.0	5.0	5.0	5.0	4.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.3	4.7	3.3	4.3	4.3	4.3	4.3
BLUE NOTE	KB	4.7	4.7	4.0	4.3	5.0	5.0	4.7
MIDNIGHT	KB	5.0	5.3	5.0	5.0	5.3	5.0	4.3
PST-K15-169	KB	5.3	5.0	4.3	4.3	4.7	4.7	4.0
PST-K13-143	KB	5.3	4.7	4.7	4.3	4.7	4.7	4.3
PST-K13-137	KB	5.0	4.7	4.7	4.7	4.7	4.3	4.3
NAI-13-14	KB	5.3	5.0	4.3	4.7	4.3	4.0	3.0
DAUNTLESS	KB	4.3	4.3	4.3	4.3	4.7	4.7	4.0
BAR PP 110358	KB	3.3	3.3	3.0	3.0	4.0	3.7	3.0
BLUE DEVIL	KB	4.3	4.0	4.0	3.7	4.0	3.7	2.7
BABE	KB	3.7	4.0	4.0	4.0	4.0	3.7	3.3
BARRARI	KB	3.3	3.0	2.3	2.3	2.3	2.7	2.7
LSD VALUE		1.7	1.2	1.5	2.1	2.8	3.3	3.3
C.V. (%)		18.5	14.9	18.9	23.3	25.2	28.4	33.1

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 18C. PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 80% OF ET
 (CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
 2019 DATA

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

NAME		QUALITY RATINGS						MEAN
		SEPT 6	SEPT 11	SEPT 19	SEPT 24	OCT 2	OCT 8	
NAI-13-132	KB	5.0	5.3	5.0	5.7	6.7	7.0	6.0
PST-K13-141	KB	5.7	5.7	5.7	6.0	6.0	6.3	5.8
PST-K11-118	KB	5.3	5.3	5.3	6.3	5.7	7.0	5.4
EVEREST	KB	4.0	4.7	4.7	5.7	6.0	6.0	5.4
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.3	5.0	5.0	5.7	6.3	7.0	5.4
BLUE NOTE	KB	4.0	4.7	5.3	6.3	6.7	7.3	5.2
MIDNIGHT	KB	3.7	4.3	4.3	5.0	5.3	6.0	5.0
PST-K15-169	KB	3.7	4.7	4.7	5.0	6.0	6.0	5.0
PST-K13-143	KB	4.7	5.0	5.0	6.3	7.0	8.0	5.0
PST-K13-137	KB	3.3	3.7	4.0	4.3	5.0	5.3	4.9
NAI-13-14	KB	3.0	3.7	3.7	4.3	4.7	5.0	4.7
DAUNTLESS	KB	4.0	4.3	4.7	5.0	5.0	5.3	4.6
BAR PP 110358	KB	3.0	3.7	3.7	4.7	5.0	5.3	4.3
BLUE DEVIL	KB	2.3	3.7	4.0	4.3	4.3	5.3	4.2
BABE	KB	2.7	3.7	4.0	5.0	5.7	5.7	4.1
BARRARI	KB	2.3	3.7	4.3	5.0	5.3	5.7	3.9
LSD VALUE		2.3	2.9	3.0	1.8	2.0	2.0	1.2
C.V. (%)		29.6	25.0	23.2	15.9	16.4	16.0	12.7

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

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

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 80% OF ET
 IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
 2019 DATA

TABLE 18C.
 (CONT'D)

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

NAME		MAY 22	JUN 6	JUN 10	JUN 17	JUN 24	PERCENT GREEN COVER						
							JUL 1	JUL 8	JUL 15	JUL 22	JUL 29	AUG 5	AUG 12
NAI-13-132	KB	97.3	96.7	90.0	95.0	91.0	87.0	86.0	83.7	73.7	83.3	79.0	77.0
PST-K13-141	KB	97.3	96.3	92.7	93.7	89.3	89.3	88.0	87.3	79.3	90.0	87.3	86.3
PST-K11-118	KB	94.0	94.7	93.7	90.3	83.7	82.7	82.7	81.3	66.3	77.0	77.7	77.0
EVEREST	KB	95.0	97.7	92.0	95.7	91.0	85.0	82.3	77.0	71.3	71.3	64.3	63.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		98.0	98.0	93.0	95.0	88.3	87.0	81.0	72.7	60.7	58.3	51.7	52.7
BLUE NOTE	KB	97.7	97.0	93.7	93.7	89.3	85.0	81.0	77.3	64.7	71.0	65.7	63.3
MIDNIGHT	KB	97.7	96.0	91.7	94.3	89.3	85.7	85.3	82.3	70.3	81.0	74.0	72.3
PST-K15-169	KB	97.0	94.0	89.3	89.0	82.7	77.3	73.3	71.0	65.7	68.3	60.7	60.7
PST-K13-143	KB	97.7	90.0	91.7	87.3	80.0	77.7	74.0	71.0	56.7	67.3	60.3	57.7
PST-K13-137	KB	97.3	95.3	93.3	91.3	84.3	78.0	75.3	71.7	69.0	69.0	58.3	58.7
NAI-13-14	KB	98.7	95.0	93.0	93.3	88.3	83.0	79.7	73.0	75.0	69.0	52.7	51.7
DAUNTLESS	KB	98.3	91.3	93.7	84.7	77.0	75.7	73.3	72.0	58.3	73.3	59.7	59.7
BAR PP 110358	KB	94.0	95.7	89.3	93.3	87.3	84.7	77.7	71.7	67.3	64.0	55.0	52.3
BLUE DEVIL	KB	98.3	95.0	91.0	92.7	86.7	78.7	73.0	69.3	46.3	64.0	47.3	46.0
BABE	KB	97.7	87.0	94.3	80.0	67.0	63.7	61.7	62.3	59.7	59.0	51.3	52.7
BARRARI	KB	97.7	95.0	84.7	90.0	80.0	69.7	63.0	56.3	42.3	40.0	31.0	26.0
LSD VALUE		7.0	3.5	15.9	4.4	5.8	9.5	13.3	19.8	54.6	30.9	44.7	52.6
C.V. (%)		2.6	2.3	5.5	3.0	4.3	6.9	9.3	12.6	28.8	20.5	30.9	34.9

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 18C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2019 DATA

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

NAME		PERCENT GREEN COVER										
		AUG 19	AUG 26	SEPT 3	SEPT 11	SEPT 16	SEPT 24	OCT 2	OCT 8	OCT 15	OCT 16	NOV 1
NAI-13-132	KB	60.3	73.3	76.7	79.7	82.3	87.0	93.3	91.3	88.7	66.3	56.7
PST-K13-141	KB	65.7	83.0	83.7	85.3	86.3	87.0	92.7	90.3	85.0	67.3	56.7
PST-K11-118	KB	44.3	70.7	79.7	82.3	79.0	87.7	94.0	93.7	91.7	65.3	55.3
EVEREST	KB	54.0	59.0	61.0	65.7	72.0	79.3	88.3	86.7	85.7	80.0	71.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		54.3	64.0	76.7	89.3	90.7	93.3	97.7	97.0	94.7	66.7	56.7
BLUE NOTE	KB	44.3	61.7	64.0	71.3	76.3	82.0	91.7	90.0	86.3	69.7	60.0
MIDNIGHT	KB	53.3	61.7	68.3	71.0	74.7	81.3	91.0	89.0	85.3	59.0	47.3
PST-K15-169	KB	56.3	47.7	58.0	67.3	72.7	79.3	88.0	84.7	77.3	59.0	49.7
PST-K13-143	KB	47.0	53.0	62.3	71.0	76.0	82.7	93.0	92.3	88.7	65.7	53.3
PST-K13-137	KB	52.3	53.3	50.7	60.0	59.7	73.3	83.0	83.3	79.7	74.0	65.0
NAI-13-14	KB	54.0	44.0	50.7	56.0	59.7	71.0	82.3	81.0	74.3	75.3	64.0
DAUNTLESS	KB	58.7	59.7	60.0	64.3	67.0	76.3	86.3	84.0	77.0	83.7	77.3
BAR PP 110358	KB	52.0	43.0	51.0	59.0	56.0	75.3	87.7	86.3	80.0	93.0	88.0
BLUE DEVIL	KB	44.3	38.0	45.3	57.7	61.0	73.7	88.3	86.7	85.7	53.7	41.0
BABE	KB	49.0	46.3	53.3	62.3	64.0	75.0	85.7	83.7	78.0	76.7	65.0
BARRARI	KB	22.0	26.7	33.7	47.0	57.3	74.0	90.3	89.0	86.0	80.0	67.3
LSD VALUE		74.2	61.0	53.8	44.8	45.9	28.7	14.8	15.9	14.1	19.9	28.4
C.V. (%)		44.5	41.2	34.1	25.6	24.1	13.1	6.7	7.2	8.0	14.7	22.3

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.

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2019 DATA

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

NAME		QUALITY RATINGS							
		APRIL	MAY	JUNE 5	JUNE 10	JUNE 17	JUNE 24	JULY 4	JULY 8
DLFPS 321/3679	TF	5.0	7.0	7.0	6.3	7.0	6.7	6.3	6.3
PST-R511	TF	5.0	6.3	6.0	6.0	6.3	6.3	6.3	6.3
THOR	TF	6.3	6.7	6.7	6.7	7.0	6.7	6.3	6.3
DLFPS 321/3677	TF	6.3	7.7	6.7	6.7	7.0	6.7	6.7	6.3
LTP-SYN-A3	TF	4.3	5.7	5.7	5.7	5.7	5.7	6.0	6.0
PST-5SDS	TF	5.0	5.7	5.7	5.7	6.0	6.0	6.0	6.0
TITANIUM 2LS	TF	6.3	7.0	6.3	6.0	5.7	6.0	6.0	6.0
STETSON II	TF	5.7	6.3	6.3	6.0	6.3	6.3	6.0	6.0
GO-AOMK	TF	5.7	7.0	6.7	6.7	7.0	6.3	6.0	6.0
RS4	TF	5.7	7.0	6.7	6.7	6.7	6.7	5.7	5.7
NONET	TF	5.0	6.0	6.0	6.3	6.0	5.7	5.7	6.0
THUNDERSTRUCK	TF	5.7	6.7	6.3	6.7	7.0	6.3	5.7	5.7
KINGDOM	TF	5.3	6.7	6.7	6.7	7.0	6.7	6.3	6.0
BAR FA 121095	TF	6.0	7.0	6.0	6.3	6.7	6.3	6.0	5.7
SUPERSONIC	TF	4.7	6.3	6.3	6.0	6.0	5.7	6.0	6.0
BARROBUSTO	TF	5.0	6.0	6.3	6.0	6.3	6.3	5.7	5.7
CATALYST	TF	5.7	7.0	6.3	5.3	6.0	5.7	5.7	5.7
DLFPS 321/3678	TF	5.7	6.3	6.3	6.0	6.7	5.7	6.0	6.0
MRSL TF15	TF	4.7	6.0	5.7	6.0	6.7	6.0	5.7	5.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.0	6.3	6.0	6.0	5.3	5.3	4.3	3.7
LSD VALUE		4.1	1.6	1.7	1.5	2.3	1.6	0.9	0.9
C.V. (%)		22.8	10.4	9.8	9.4	12.9	10.0	8.2	8.6

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

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

TABLE 19A. PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 40% OF ET
 (CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
 2019 DATA

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

NAME		QUALITY RATINGS						
		JUL 16	JUL 24	JUL 31	AUG 5	AUG 12	AUG 19	AUG 27
DLFPS 321/3679	TF	6.3	6.0	6.0	5.7	5.3	5.0	4.7
PST-R511	TF	6.3	6.0	5.3	5.0	5.0	4.7	4.0
THOR	TF	6.0	5.7	5.0	5.0	4.7	4.7	4.0
DLFPS 321/3677	TF	6.0	5.7	5.3	5.0	4.0	4.0	3.0
LTP-SYN-A3	TF	5.7	5.3	4.7	4.7	5.0	4.7	4.3
PST-5SDS	TF	5.3	5.3	4.7	4.7	5.0	4.3	4.3
TITANIUM 2LS	TF	5.3	5.3	4.7	4.7	4.7	3.7	3.3
STETSON II	TF	6.0	5.7	5.0	4.7	4.3	3.3	3.3
GO-AOMK	TF	6.0	5.3	5.0	4.7	4.3	4.0	3.3
RS4	TF	5.3	5.3	4.3	4.0	3.7	3.3	2.7
NONET	TF	6.0	5.7	5.3	4.7	4.7	3.7	3.3
THUNDERSTRUCK	TF	5.7	4.3	5.0	4.7	4.7	4.0	3.3
KINGDOM	TF	5.7	5.0	4.3	4.3	4.0	3.7	3.0
BAR FA 121095	TF	5.3	5.3	4.3	4.0	4.3	3.7	3.0
SUPERSONIC	TF	5.3	5.0	4.3	4.3	4.0	3.7	3.3
BARROBUSTO	TF	5.0	4.7	4.3	4.0	4.3	3.7	3.0
CATALYST	TF	4.7	4.7	4.3	4.0	4.0	3.3	3.0
DLFPS 321/3678	TF	5.7	5.3	4.7	4.0	3.7	2.7	2.3
MRSL TF15	TF	5.3	5.0	4.7	4.3	4.0	3.0	2.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		3.3	3.0	2.3	2.3	2.3	2.0	1.7
LSD VALUE		1.3	1.5	1.3	1.8	1.4	2.3	2.2
C.V. (%)		12.3	14.5	15.1	18.3	16.6	26.0	29.7

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

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

TABLE 19A. PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 40% OF ET
 (CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
 2019 DATA

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

NAME		QUALITY RATINGS						MEAN
		SEPT 6	SEPT 11	SEPT 19	SEPT 24	OCT 2	OCT 8	
DLFPS 321/3679	TF	4.7	4.3	4.3	4.3	4.3	4.3	5.6
PST-R511	TF	4.0	4.3	4.3	4.7	5.0	4.7	5.3
THOR	TF	3.3	4.0	4.0	4.0	4.3	4.7	5.3
DLFPS 321/3677	TF	3.0	3.3	3.3	4.0	4.3	4.3	5.2
LTP-SYN-A3	TF	4.3	4.7	4.7	4.7	5.0	4.7	5.1
PST-5SDS	TF	3.7	4.3	4.3	4.7	4.7	4.7	5.0
TITANIUM 2LS	TF	3.7	3.3	3.3	4.3	4.7	5.0	5.0
STETSON II	TF	3.3	3.7	3.7	4.0	4.3	4.7	5.0
GO-AOMK	TF	2.7	3.0	3.0	3.7	4.7	3.7	5.0
RS4	TF	2.7	3.7	3.7	4.7	5.3	5.3	5.0
NONET	TF	4.0	4.3	3.7	3.7	4.0	3.7	4.9
THUNDERSTRUCK	TF	3.0	3.3	3.3	3.7	4.3	4.0	4.9
KINGDOM	TF	2.7	2.7	3.0	3.7	3.7	4.3	4.8
BAR FA 121095	TF	2.7	3.7	3.0	3.7	4.0	4.0	4.8
SUPERSONIC	TF	3.7	4.0	4.0	4.0	4.0	4.3	4.8
BARROBUSTO	TF	3.0	3.3	3.3	4.0	4.3	4.3	4.7
CATALYST	TF	2.7	3.7	3.7	4.0	4.7	4.7	4.7
DLFPS 321/3678	TF	2.3	4.0	3.0	3.7	4.0	4.3	4.7
MRSL TF15	TF	2.3	2.7	2.7	3.3	3.7	4.0	4.5
SR 4650 (P.RYEGRASS STANDARD ENTRY)		1.7	2.7	3.0	4.3	4.7	5.3	3.8
LSD VALUE		1.8	2.6	1.8	1.3	1.5	1.6	0.7
C.V. (%)		27.6	26.2	21.5	13.8	13.9	14.5	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 19A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2019 DATA

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

NAME		PERCENT GREEN COVER											
		MAY 22	JUN 6	JUN 10	JUN 17	JUN 24	JUL 1	JUL 8	JUL 15	JUL 22	JUL 29	AUG 5	AUG 12
DLFPS 321/3679	TF	96.3	94.0	92.3	93.0	87.3	82.7	84.0	80.3	75.7	72.0	60.7	52.7
PST-R511	TF	98.0	95.3	93.3	95.3	91.0	86.7	87.7	85.0	80.0	75.7	66.7	61.0
THOR	TF	95.7	94.7	93.7	94.0	87.7	80.3	81.3	76.0	71.0	66.0	52.7	45.0
DLFPS 321/3677	TF	97.3	95.0	91.7	93.7	88.0	81.3	81.3	76.3	69.7	64.3	49.0	39.7
LTP-SYN-A3	TF	97.3	93.3	93.7	93.7	89.0	84.3	84.3	82.0	77.3	75.3	65.7	60.0
PST-5SDS	TF	98.0	92.7	88.0	93.0	86.3	82.0	84.0	80.3	75.7	73.3	64.0	59.0
TITANIUM 2LS	TF	98.7	95.7	93.7	93.7	89.0	84.0	85.0	81.3	75.0	72.3	59.7	52.0
STETSON II	TF	97.3	94.7	88.3	93.3	87.7	80.7	80.7	74.0	68.3	65.3	50.7	44.0
GO-AOMK	TF	98.3	92.7	90.3	92.3	87.7	81.3	82.3	79.0	71.0	66.3	48.7	42.0
RS4	TF	96.7	95.3	94.7	93.7	86.0	78.3	79.0	74.3	63.0	62.0	46.3	39.0
NONET	TF	98.0	93.7	91.7	91.0	86.0	80.0	81.3	78.3	73.0	69.3	58.7	49.7
THUNDERSTRUCK	TF	98.0	93.7	70.7	90.3	84.0	76.0	78.3	74.7	69.0	66.0	54.3	45.7
KINGDOM	TF	97.3	95.0	90.3	93.3	87.0	79.0	79.3	76.0	68.7	66.7	49.0	40.7
BAR FA 121095	TF	98.0	93.3	82.7	92.3	87.7	80.7	78.7	73.0	63.0	60.0	44.3	38.7
SUPERSONIC	TF	96.0	92.7	92.0	91.0	85.0	79.0	79.7	75.0	68.3	64.3	53.3	47.0
BARROBUSTO	TF	98.3	94.3	91.0	92.7	85.7	79.7	80.7	76.3	68.0	66.3	51.3	43.3
CATALYST	TF	96.7	94.0	91.7	91.0	84.7	77.7	77.3	71.7	61.3	60.3	41.7	36.7
DLFPS 321/3678	TF	98.0	93.0	92.0	92.3	86.3	78.0	79.7	75.3	65.7	62.3	50.3	42.7
MRSL TF15	TF	98.0	93.3	91.7	91.3	85.7	78.7	80.0	74.7	66.0	61.7	45.0	38.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		97.3	97.3	94.7	94.7	85.3	69.0	59.3	44.3	33.7	26.0	13.7	9.7
LSD VALUE		4.3	4.6	33.8	5.0	7.2	11.3	9.0	11.4	12.2	10.3	13.6	14.5
C.V. (%)		1.5	1.9	11.6	2.1	3.0	6.0	6.3	8.9	10.8	10.1	16.2	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 19A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 40% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2019 DATA

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

NAME		PERCENT GREEN COVER										
		AUG 19	AUG 26	SEPT 3	SEPT 11	SEPT 16	SEPT 24	OCT 2	OCT 8	OCT 15	OCT 16	NOV 1
DLFPS 321/3679	TF	43.3	45.0	44.7	43.7	52.3	54.7	65.0	58.3	53.0	59.7	47.7
PST-R511	TF	55.3	57.7	58.7	62.7	70.7	76.0	86.0	76.7	66.0	78.7	70.0
THOR	TF	35.0	29.7	29.3	29.3	41.7	49.7	69.0	68.0	55.7	65.0	55.0
DLFPS 321/3677	TF	29.0	28.3	26.3	27.7	39.7	52.0	69.3	66.0	60.0	69.3	60.3
LTP-SYN-A3	TF	53.7	53.0	55.7	56.3	64.7	71.0	81.7	80.0	71.0	74.7	64.3
PST-5SDS	TF	48.0	48.7	49.0	50.3	58.0	63.0	74.0	69.3	59.7	59.3	46.7
TITANIUM 2LS	TF	41.0	39.7	38.0	37.7	47.0	53.3	71.0	69.7	65.3	63.0	54.3
STETSON II	TF	36.3	35.3	34.3	36.7	47.7	59.3	75.3	73.3	59.3	75.3	62.3
GO-AOMK	TF	31.3	29.0	24.0	25.0	33.0	44.3	61.7	60.0	61.7	82.7	74.3
RS4	TF	29.7	27.3	26.7	29.7	41.3	56.7	77.7	77.7	68.0	58.0	47.7
NONET	TF	39.3	42.0	36.0	39.0	47.7	54.0	68.7	65.0	65.0	78.7	70.0
THUNDERSTRUCK	TF	36.3	34.0	30.0	29.3	37.3	48.7	65.7	62.7	55.0	59.3	50.0
KINGDOM	TF	24.3	23.7	23.0	22.7	35.0	44.7	61.7	61.0	60.0	66.3	50.3
BAR FA 121095	TF	25.3	28.7	24.3	23.7	31.3	43.0	59.7	55.7	60.0	52.7	42.3
SUPERSONIC	TF	40.7	42.7	41.0	43.0	51.3	58.3	73.7	70.0	62.0	72.7	57.0
BARROBUSTO	TF	29.3	30.0	26.3	26.0	38.7	47.7	68.3	66.7	61.0	71.3	63.0
CATALYST	TF	27.0	27.7	28.3	29.3	41.3	53.0	73.3	71.0	66.7	79.3	68.7
DLFPS 321/3678	TF	30.0	30.0	28.3	29.7	42.0	50.7	67.3	65.3	66.0	81.7	71.7
MRSL TF15	TF	26.0	26.3	26.7	25.3	37.3	49.0	71.0	70.0	64.3	84.3	75.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		7.7	11.3	11.0	20.3	41.3	66.7	87.7	86.7	81.7	69.0	57.7
LSD VALUE		22.0	21.2	18.9	22.4	16.5	13.1	10.3	12.7	34.7	33.5	51.2
C.V. (%)		33.5	32.7	32.4	34.6	20.7	13.9	8.6	10.4	18.0	19.1	29.2

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 19B.

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2019 DATA

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

NAME		APRIL	MAY	JUNE 5	QUALITY RATINGS		JUNE 24	JULY 4	JULY 8
					JUNE 10	JUNE 17			
DLFPS 321/3679	TF	4.7	6.3	6.7	6.7	6.3	6.3	6.3	6.3
DLFPS 321/3677	TF	5.0	6.3	6.7	6.3	6.3	5.7	6.0	6.0
KINGDOM	TF	6.0	6.7	6.7	7.0	7.0	6.7	6.7	6.3
THUNDERSTRUCK	TF	5.3	6.0	6.3	6.3	6.7	6.3	6.3	6.3
MRSL TF15	TF	5.0	6.0	6.7	6.0	6.0	6.0	6.0	6.0
BAR FA 121095	TF	6.0	7.0	6.7	6.7	6.3	6.3	6.0	6.3
RS4	TF	4.3	5.3	5.7	6.3	6.0	5.7	6.0	6.3
DLFPS 321/3678	TF	5.7	6.3	7.0	7.0	6.0	6.0	6.0	6.0
TITANIUM 2LS	TF	6.0	7.0	6.7	6.3	6.3	6.3	6.3	6.3
THOR	TF	4.7	6.7	6.7	6.3	6.3	6.3	6.3	5.7
LTP-SYN-A3	TF	4.7	6.3	6.0	6.0	6.0	6.3	6.0	6.0
PST-5SDS	TF	4.3	5.7	6.0	5.7	6.0	5.7	5.7	6.0
NONET	TF	6.3	6.0	6.0	6.3	5.7	5.7	6.0	6.0
CATALYST	TF	5.0	6.3	6.3	6.3	5.7	5.7	5.3	5.3
SUPERSONIC	TF	4.7	5.7	6.0	5.7	6.0	6.0	5.7	5.7
GO-AOMK	TF	6.7	7.0	6.0	6.7	6.3	6.0	5.7	5.0
STETSON II	TF	5.0	5.7	5.3	5.7	6.0	5.7	5.3	5.0
BARROBUSTO	TF	5.3	6.0	6.0	5.7	6.0	6.0	6.0	6.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.3	7.0	7.0	6.3	5.7	5.3	5.0	5.0
PST-R511	TF	5.3	6.0	5.7	5.3	5.7	5.3	5.3	5.3
LSD VALUE		3.8	2.0	1.3	1.5	2.6	1.9	1.6	1.6
C.V. (%)		23.5	12.1	9.4	9.9	12.5	10.7	10.7	11.4

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

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

TABLE 19B. PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 60% OF ET
 (CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
 2019 DATA

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

NAME		QUALITY RATINGS						
		JUL 16	JUL 24	JUL 31	AUG 5	AUG 12	AUG 19	AUG 27
DLFPS 321/3679	TF	7.0	6.0	6.0	6.0	6.0	5.7	5.3
DLFPS 321/3677	TF	6.0	5.7	6.0	6.0	5.7	5.3	4.3
KINGDOM	TF	6.3	5.7	5.7	5.7	5.7	4.7	4.0
THUNDERSTRUCK	TF	6.3	5.7	5.3	5.3	5.0	4.7	4.3
MRSL TF15	TF	5.7	5.7	5.7	5.3	5.3	4.7	4.7
BAR FA 121095	TF	6.0	6.3	6.0	5.7	5.7	4.7	3.7
RS4	TF	6.3	6.0	6.0	5.7	5.7	5.0	4.3
DLFPS 321/3678	TF	6.3	5.7	5.3	5.3	5.3	4.7	4.0
TITANIUM 2LS	TF	6.0	5.3	5.0	5.0	5.0	4.3	4.0
THOR	TF	5.3	5.3	5.3	5.0	5.3	4.7	4.3
LTP-SYN-A3	TF	5.3	5.3	5.0	5.0	4.7	4.7	4.0
PST-5SDS	TF	6.0	5.7	5.0	5.0	5.0	4.7	4.3
NONET	TF	5.3	5.3	4.3	4.3	4.3	3.7	3.0
CATALYST	TF	5.3	5.3	4.0	3.7	4.0	3.7	3.3
SUPERSONIC	TF	5.0	5.0	4.0	3.7	4.3	3.7	3.3
GO-AOMK	TF	5.0	5.0	5.0	4.3	4.0	3.7	3.0
STETSON II	TF	5.3	5.0	4.7	4.7	5.0	4.3	3.7
BAROBUSTO	TF	5.0	4.7	4.0	3.7	4.3	3.7	3.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.0	3.7	3.0	2.7	3.3	3.7	2.7
PST-R511	TF	4.3	4.3	3.7	3.3	3.3	2.7	2.0
LSD VALUE		1.5	1.7	1.8	1.8	2.1	3.0	3.1
C.V. (%)		14.1	14.3	18.5	20.2	20.0	25.3	31.4

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 TALL FESCUE CULTIVARS WITH 60% OF ET
 (CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
 2019 DATA

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

NAME		QUALITY RATINGS						MEAN
		SEPT 6	SEPT 11	SEPT 19	SEPT 24	OCT 2	OCT 8	
DLFPS 321/3679	TF	4.7	5.3	5.0	5.0	5.0	5.7	5.8
DLFPS 321/3677	TF	4.3	4.7	5.0	5.3	5.3	5.3	5.6
KINGDOM	TF	3.7	4.0	4.0	4.0	5.0	4.7	5.5
THUNDERSTRUCK	TF	4.3	5.0	4.7	5.0	5.7	5.0	5.5
MRSL TF15	TF	4.7	5.3	5.3	5.0	5.3	5.3	5.5
BAR FA 121095	TF	4.0	4.0	4.0	4.7	4.7	4.3	5.5
RS4	TF	4.3	4.7	5.0	5.3	5.0	5.7	5.5
DLFPS 321/3678	TF	3.7	4.0	4.7	5.0	5.0	5.0	5.4
TITANIUM 2LS	TF	4.0	4.0	4.0	4.7	5.0	5.0	5.4
THOR	TF	3.7	4.3	4.3	4.7	5.0	5.0	5.3
LTP-SYN-A3	TF	3.7	4.0	4.0	4.7	5.0	5.3	5.1
PST-5SDS	TF	3.7	4.3	4.3	4.7	4.7	4.7	5.1
NONET	TF	3.3	4.0	4.3	4.7	5.0	4.7	5.0
CATALYST	TF	3.7	4.0	4.3	5.0	5.0	5.3	4.9
SUPERSONIC	TF	3.3	4.7	5.0	5.0	5.0	5.3	4.9
GO-AOMK	TF	3.0	3.7	3.7	4.0	4.3	4.3	4.9
STETSON II	TF	3.3	4.3	4.3	4.7	4.7	4.3	4.9
BARROBUSTO	TF	3.0	3.3	4.0	4.7	4.7	4.3	4.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		2.7	3.7	4.3	5.0	5.3	6.3	4.7
PST-R511	TF	2.7	3.0	3.0	4.0	5.0	4.3	4.3
LSD VALUE		3.8	3.2	2.4	3.0	2.8	1.8	1.6
C.V. (%)		31.7	25.2	20.2	18.0	15.1	15.0	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 19B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2019 DATA

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

NAME		PERCENT GREEN COVER											
		MAY 22	JUN 6	JUN 10	JUN 17	JUN 24	JUL 1	JUL 8	JUL 15	JUL 22	JUL 29	AUG 5	AUG 12
DLFPS 321/3679	TF	97.3	93.3	92.3	93.0	88.0	83.3	83.7	82.7	79.7	76.3	68.7	63.7
DLFPS 321/3677	TF	97.7	94.0	92.7	93.0	87.7	82.0	83.0	79.0	69.7	71.0	63.0	61.3
KINGDOM	TF	98.0	95.7	92.7	93.0	88.0	80.0	80.0	74.3	69.7	65.3	55.7	54.3
THUNDERSTRUCK	TF	96.7	94.0	92.3	92.7	88.3	84.3	85.0	84.0	82.7	79.0	72.3	67.7
MRSL TF15	TF	96.0	93.7	93.0	93.3	87.7	82.0	84.0	80.3	81.0	72.7	64.0	60.7
BAR FA 121095	TF	98.0	94.0	87.0	92.3	88.3	82.3	84.3	83.0	80.0	74.7	64.7	58.0
RS4	TF	95.7	94.0	93.3	93.3	87.7	81.3	82.3	80.0	77.0	74.0	66.0	62.3
DLFPS 321/3678	TF	97.7	93.3	87.3	92.3	84.7	78.7	80.7	79.3	77.7	71.7	63.0	59.0
TITANIUM 2LS	TF	97.3	95.3	89.0	94.7	89.7	84.0	84.0	80.0	76.7	71.0	60.3	57.3
THOR	TF	96.0	94.0	93.7	92.7	87.7	80.7	82.3	79.7	80.0	72.0	61.0	57.0
LTP-SYN-A3	TF	98.0	93.3	93.0	93.0	89.0	83.7	84.3	81.0	75.0	71.0	58.0	47.7
PST-5SDS	TF	97.7	91.7	84.7	91.3	85.0	79.0	81.0	79.0	73.3	69.7	58.7	52.0
NONET	TF	98.3	91.7	90.0	87.3	82.0	76.7	78.7	76.0	79.3	67.7	58.3	56.0
CATALYST	TF	96.7	93.0	94.0	92.3	84.3	77.7	78.0	75.3	70.0	66.7	52.3	47.7
SUPERSONIC	TF	97.3	92.0	93.3	92.0	83.7	77.0	78.0	74.0	76.7	62.7	54.0	50.3
GO-AOMK	TF	96.0	93.3	90.3	91.0	81.7	64.3	65.7	63.0	59.7	53.3	45.3	44.7
STETSON II	TF	96.3	94.3	94.7	92.7	86.3	74.0	72.3	68.3	71.7	61.7	54.7	54.3
BARROBUSTO	TF	97.3	94.0	90.7	92.3	87.3	82.7	82.7	76.7	74.3	66.0	57.0	53.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		93.3	97.3	92.3	95.7	89.0	81.3	76.0	63.3	63.7	43.0	29.3	32.3
PST-R511	TF	96.7	93.0	91.7	90.7	81.3	73.3	74.7	69.3	58.3	56.0	45.0	39.3
LSD VALUE		6.5	4.5	19.0	6.3	10.9	24.2	26.8	27.7	41.3	29.7	39.0	43.2
C.V. (%)		2.2	2.0	6.1	2.6	4.7	10.3	11.0	12.9	17.7	17.9	25.4	27.1

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

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

TABLE 19B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2019 DATA

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

NAME		PERCENT GREEN COVER										
		AUG 19	AUG 26	SEPT 3	SEPT 11	SEPT 16	SEPT 24	OCT 2	OCT 8	OCT 15	OCT 16	NOV 1
DLFPS 321/3679	TF	63.7	64.7	63.0	73.0	75.7	80.3	85.7	77.3	64.3	80.7	74.3
DLFPS 321/3677	TF	57.3	60.7	63.3	65.3	72.0	78.3	87.3	82.7	74.0	70.0	60.0
KINGDOM	TF	51.0	41.7	45.7	47.3	55.0	63.7	76.7	72.7	64.7	77.7	66.7
THUNDERSTRUCK	TF	75.7	58.3	63.3	65.3	74.0	75.3	84.7	80.7	73.7	64.7	55.7
MRSL TF15	TF	68.7	58.0	61.0	65.7	72.7	75.7	83.0	77.0	66.3	78.7	68.3
BAR FA 121095	TF	62.0	47.0	49.7	51.3	61.3	63.3	70.7	64.7	52.7	76.3	68.3
RS4	TF	65.3	62.3	62.3	66.7	72.0	77.0	86.7	83.7	76.0	75.0	68.3
DLFPS 321/3678	TF	65.7	51.7	52.3	53.7	64.3	69.7	78.7	73.3	64.3	86.3	78.3
TITANIUM 2LS	TF	59.3	48.3	49.7	52.3	62.7	69.7	81.3	77.7	69.0	65.7	56.3
THOR	TF	60.7	50.7	48.0	54.7	59.7	67.7	78.0	74.7	66.7	78.0	70.0
LTP-SYN-A3	TF	49.7	38.3	37.3	41.3	48.3	60.0	77.3	76.0	67.0	70.7	61.0
PST-5SDS	TF	51.3	46.0	42.7	45.3	52.0	59.7	72.3	67.3	58.7	66.7	53.3
NONET	TF	65.3	44.7	46.3	52.0	61.3	67.7	76.3	71.3	63.3	85.0	77.3
CATALYST	TF	48.0	39.7	46.0	52.0	58.3	71.7	85.3	84.3	76.0	71.7	58.7
SUPERSONIC	TF	57.0	46.0	50.3	53.7	62.7	71.3	83.7	81.3	75.0	75.3	62.3
GO-AOMK	TF	55.0	37.7	40.3	44.7	56.7	63.3	75.3	72.7	63.7	81.7	72.7
STETSON II	TF	49.0	47.7	49.3	50.7	61.0	64.7	74.3	68.0	58.3	81.7	71.3
BARROBUSTO	TF	60.7	45.7	42.0	47.0	56.7	66.7	76.7	71.0	61.0	80.0	72.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		55.0	29.0	35.3	55.3	67.7	82.0	94.3	93.7	91.3	73.0	63.0
PST-R511	TF	27.3	32.3	26.7	26.7	38.7	54.7	78.0	78.0	79.3	73.7	62.0
LSD VALUE		60.3	50.2	50.6	47.4	40.5	31.9	15.3	14.2	17.5	36.1	53.1
C.V. (%)		33.3	35.5	35.4	31.8	23.8	16.8	8.9	9.6	13.4	15.2	23.6

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

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

TABLE 19C.

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2019 DATA

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

NAME		APRIL	MAY	JUNE 5	QUALITY RATINGS			JUNE 24	JULY 4	JULY 8
					JUNE 10	JUNE 17				
DLFPS 321/3677	TF	6.0	7.0	6.7	6.7	6.7	6.7	6.3	7.0	
THOR	TF	7.0	7.0	6.7	6.3	7.0	6.7	6.7	6.3	
KINGDOM	TF	5.3	6.7	6.3	6.7	7.0	7.0	6.7	6.7	
THUNDERSTRUCK	TF	4.0	6.3	6.3	6.3	6.3	6.7	6.7	6.7	
DLFPS 321/3679	TF	5.0	6.3	6.3	6.7	6.0	6.0	6.0	6.3	
GO-AOMK	TF	5.0	6.0	6.3	6.3	6.7	7.0	6.7	6.7	
STETSON II	TF	4.7	6.0	6.0	6.3	6.0	6.0	6.0	6.0	
MRSL TF15	TF	4.7	6.3	6.3	6.3	6.7	6.3	6.3	6.3	
TITANIUM 2LS	TF	4.0	7.0	6.7	7.0	6.7	6.3	6.3	6.0	
BARROBUSTO	TF	4.7	5.7	5.3	5.7	5.7	6.0	6.0	6.0	
LTP-SYN-A3	TF	5.0	6.0	6.3	6.0	6.0	5.7	6.0	6.3	
CATALYST	TF	5.7	6.0	6.0	6.0	5.3	6.0	6.0	6.0	
NONET	TF	4.7	6.0	5.7	5.7	6.0	6.0	5.7	6.0	
PST-R511	TF	4.3	6.3	5.7	5.7	5.7	5.3	6.0	6.0	
SUPERSONIC	TF	5.0	6.0	5.7	5.3	5.7	5.7	5.3	6.0	
RS4	TF	5.0	6.3	6.3	5.7	6.3	6.0	6.0	6.3	
DLFPS 321/3678	TF	5.7	5.7	5.7	6.0	6.3	6.0	6.0	6.0	
SR 4650 (P.RYEGRASS STANDARD ENTRY)		7.0	7.3	6.7	6.7	5.7	5.7	5.0	5.0	
BAR FA 121095	TF	5.3	6.0	6.0	6.0	6.0	6.3	6.3	6.3	
PST-5SDS	TF	4.7	5.0	5.3	5.3	5.3	5.3	5.3	5.7	
LSD VALUE		1.5	1.7	1.7	1.4	1.1	1.3	1.0	1.1	
C.V. (%)		16.1	11.5	10.7	10.0	9.3	9.9	8.3	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 19C. PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 80% OF ET
 (CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
 2019 DATA

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

NAME		QUALITY RATINGS						
		JUL 16	JUL 24	JUL 31	AUG 5	AUG 12	AUG 19	AUG 27
DLFPS 321/3677	TF	7.3	6.7	6.7	6.7	7.3	7.7	8.0
THOR	TF	6.7	6.7	6.7	6.7	6.7	7.3	7.0
KINGDOM	TF	6.7	6.3	6.7	6.7	6.7	6.7	6.3
THUNDERSTRUCK	TF	6.7	6.3	6.3	6.3	6.7	6.7	6.7
DLFPS 321/3679	TF	7.0	6.7	6.3	6.7	6.3	5.7	6.0
GO-AOMK	TF	6.7	6.3	6.7	6.7	6.0	6.7	6.3
STETSON II	TF	6.3	6.3	6.3	6.3	6.7	6.0	6.0
MRSL TF15	TF	6.3	6.3	5.7	5.7	5.7	5.7	5.7
TITANIUM 2LS	TF	6.0	6.0	6.0	6.0	5.7	5.7	5.3
BARROBUSTO	TF	6.0	6.0	6.3	6.0	5.7	6.3	6.3
LTP-SYN-A3	TF	6.3	5.7	6.0	6.0	6.0	6.0	6.0
CATALYST	TF	6.3	6.0	5.3	5.7	6.0	6.0	5.7
NONET	TF	6.0	6.0	5.7	5.7	6.0	6.0	6.0
PST-R511	TF	6.0	5.3	5.3	5.7	5.7	5.7	5.0
SUPERSONIC	TF	6.0	5.7	5.3	5.7	5.7	5.7	6.0
RS4	TF	6.3	5.7	5.3	5.0	5.7	5.3	4.7
DLFPS 321/3678	TF	6.0	5.7	5.3	5.3	5.3	4.7	5.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.3	4.7	3.3	4.3	4.3	4.3	4.3
BAR FA 121095	TF	6.0	5.3	5.0	5.0	4.7	4.7	4.0
PST-5SDS	TF	5.3	5.3	5.0	5.0	5.0	4.7	4.3
LSD VALUE		1.1	1.4	1.8	2.1	2.3	2.4	3.5
C.V. (%)		8.8	10.8	15.6	15.4	16.4	18.8	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 19C. PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 80% OF ET
 (CONT'D) IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
 2019 DATA

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

NAME		QUALITY RATINGS						MEAN
		SEPT 6	SEPT 11	SEPT 19	SEPT 24	OCT 2	OCT 8	
DLFPS 321/3677	TF	6.3	6.7	7.0	7.0	7.0	6.3	6.8
THOR	TF	6.3	6.7	6.7	6.7	7.0	6.3	6.7
KINGDOM	TF	5.7	6.3	5.7	5.7	6.0	5.3	6.3
THUNDERSTRUCK	TF	5.7	6.3	6.3	5.7	6.3	6.0	6.3
DLFPS 321/3679	TF	6.0	6.7	6.7	6.0	6.7	5.7	6.2
GO-AOMK	TF	5.7	6.0	6.0	6.0	5.7	5.7	6.2
STETSON II	TF	5.7	6.3	6.3	6.7	6.7	6.3	6.1
MRSL TF15	TF	6.0	6.7	6.7	6.3	6.3	5.7	6.1
TITANIUM 2LS	TF	5.3	6.3	6.0	6.0	6.3	6.3	6.0
BARROBUSTO	TF	6.3	6.7	6.3	6.3	6.3	6.0	6.0
LTP-SYN-A3	TF	5.3	6.0	6.0	5.7	6.0	5.7	5.9
CATALYST	TF	5.3	5.3	5.3	5.7	6.3	5.7	5.8
NONET	TF	5.0	5.7	5.7	6.0	6.0	5.7	5.8
PST-R511	TF	5.3	5.7	5.7	6.3	6.7	5.7	5.7
SUPERSONIC	TF	4.7	5.0	5.3	6.0	6.0	6.0	5.6
RS4	TF	4.0	5.3	5.3	5.3	5.0	5.3	5.5
DLFPS 321/3678	TF	4.7	5.0	4.7	5.3	5.7	5.3	5.5
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.3	5.0	5.0	5.7	6.3	7.0	5.4
BAR FA 121095	TF	3.7	4.0	4.3	4.7	5.3	5.0	5.2
PST-5SDS	TF	4.3	5.3	5.3	5.7	5.7	5.3	5.2
LSD VALUE		3.8	3.0	3.4	2.8	2.8	2.4	1.3
C.V. (%)		24.9	19.3	20.3	15.6	15.2	14.1	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 19C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2019 DATA

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

NAME		PERCENT GREEN COVER											
		MAY 22	JUN 6	JUN 10	JUN 17	JUN 24	JUL 1	JUL 8	JUL 15	JUL 22	JUL 29	AUG 5	AUG 12
DLFPS 321/3677	TF	97.3	95.0	93.3	94.7	88.3	87.3	86.0	85.0	82.3	82.7	78.3	78.0
THOR	TF	93.3	94.7	90.3	93.3	89.7	87.7	87.7	87.0	70.7	85.3	81.0	81.3
KINGDOM	TF	96.0	93.0	92.0	93.0	88.0	86.7	86.3	86.0	75.7	82.3	76.7	74.7
THUNDERSTRUCK	TF	97.7	94.3	83.3	93.0	89.3	86.7	85.7	84.3	76.7	80.0	74.3	71.7
DLFPS 321/3679	TF	98.3	93.0	90.3	92.3	86.0	84.3	85.3	84.3	79.3	80.7	76.3	76.7
GO-AOMK	TF	96.0	92.3	94.7	91.7	88.7	86.7	86.3	84.7	74.3	82.0	76.7	75.3
STETSON II	TF	97.7	94.3	83.3	93.3	88.0	87.0	87.3	86.7	81.3	85.0	80.3	79.7
MRSL TF15	TF	96.7	95.3	91.3	93.3	88.7	87.7	86.7	85.7	79.3	82.3	77.0	76.0
TITANIUM 2LS	TF	98.3	96.0	93.3	94.3	90.0	86.3	84.7	82.3	71.3	77.3	73.7	69.7
BARROBUSTO	TF	98.0	91.0	88.0	91.7	87.0	84.7	84.7	84.7	74.7	81.3	75.7	74.3
LTP-SYN-A3	TF	97.3	96.0	72.0	92.7	88.3	85.7	84.7	82.7	62.3	79.3	75.0	70.0
CATALYST	TF	97.0	92.7	93.7	92.3	87.0	85.7	85.0	83.3	70.7	82.0	76.0	72.7
NONET	TF	96.3	91.0	94.7	90.0	84.3	81.3	81.7	81.0	72.7	80.0	73.3	72.0
PST-R511	TF	98.7	94.7	95.0	94.3	86.3	85.3	84.7	82.0	57.3	76.7	71.7	67.7
SUPERSONIC	TF	96.7	90.0	91.0	91.7	84.3	82.0	82.7	81.0	76.3	79.7	73.7	71.3
RS4	TF	96.3	94.7	91.3	94.7	91.0	88.3	86.3	83.3	60.0	78.3	69.0	65.7
DLFPS 321/3678	TF	97.7	93.3	94.0	91.3	85.7	84.0	81.7	80.0	61.0	76.7	67.7	62.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		98.0	98.0	93.0	95.0	88.3	87.0	81.0	72.7	60.7	58.3	51.7	52.7
BAR FA 121095	TF	97.7	95.7	90.3	93.7	89.7	87.3	85.3	82.0	69.7	79.3	72.0	65.7
PST-5SDS	TF	97.3	92.7	92.7	92.7	88.0	85.0	84.7	84.0	73.7	79.3	72.7	69.7
LSD VALUE		5.3	3.9	31.8	5.5	8.8	10.1	10.0	9.9	53.6	12.1	24.4	30.1
C.V. (%)		2.0	2.2	11.2	2.2	3.5	3.9	3.9	5.0	22.2	7.7	12.6	14.9

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

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

TABLE 19C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS WITH 80% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2019 DATA

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

NAME		PERCENT GREEN COVER										
		AUG 19	AUG 26	SEPT 3	SEPT 11	SEPT 16	SEPT 24	OCT 2	OCT 8	OCT 15	OCT 16	NOV 1
DLFPS 321/3677	TF	71.0	84.0	88.3	92.3	93.7	93.3	94.0	89.0	76.7	63.3	56.3
THOR	TF	59.7	85.3	89.3	90.3	93.0	93.3	94.7	92.3	84.7	73.0	66.7
KINGDOM	TF	56.0	72.3	77.3	83.3	82.3	86.0	86.3	84.7	72.0	86.0	79.7
THUNDERSTRUCK	TF	59.3	75.3	79.0	83.3	85.7	87.3	90.7	87.3	77.7	65.0	58.0
DLFPS 321/3679	TF	65.0	82.3	86.0	89.7	91.0	91.0	93.3	88.0	77.3	82.7	74.7
GO-AOMK	TF	53.7	77.7	81.3	86.3	85.3	88.0	86.0	80.0	67.0	78.3	71.0
STETSON II	TF	67.0	81.3	86.3	88.3	88.0	90.3	92.7	87.3	78.0	86.0	75.3
MRSL TF15	TF	70.3	82.0	87.3	90.3	91.3	91.3	92.3	87.3	75.3	76.3	63.7
TITANIUM 2LS	TF	56.0	70.7	74.7	80.7	84.0	86.0	91.3	88.3	79.3	65.0	56.3
BARROBUSTO	TF	58.0	78.0	81.3	86.0	86.3	88.7	92.7	89.3	78.0	83.0	75.3
LTP-SYN-A3	TF	48.7	71.0	73.0	78.0	78.3	82.0	89.0	85.7	77.0	68.3	56.3
CATALYST	TF	53.3	74.0	82.0	87.3	86.0	88.3	91.0	86.7	76.0	67.7	54.3
NONET	TF	61.3	76.0	79.7	83.7	84.7	85.3	89.7	83.7	73.7	75.3	60.0
PST-R511	TF	54.0	71.7	78.3	85.3	85.7	90.0	93.0	88.7	77.7	80.0	68.0
SUPERSONIC	TF	60.3	72.7	77.0	82.3	85.3	87.3	92.0	90.3	82.3	84.0	78.3
RS4	TF	45.7	65.3	72.3	79.0	81.7	88.0	92.7	89.0	80.3	80.3	74.0
DLFPS 321/3678	TF	46.0	66.7	73.7	79.3	79.7	81.7	88.0	84.3	76.7	68.7	51.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		54.3	64.0	76.7	89.3	90.7	93.3	97.7	97.0	94.7	66.7	56.7
BAR FA 121095	TF	53.0	65.0	72.7	79.3	77.0	84.7	87.0	82.7	71.7	65.3	54.3
PST-5SDS	TF	55.7	66.7	73.7	77.0	78.3	83.3	90.3	86.3	77.3	80.3	70.0
LSD VALUE		91.2	51.1	48.8	36.7	34.1	24.2	14.6	13.4	13.6	30.5	45.6
C.V. (%)		40.2	19.9	17.0	12.4	11.9	8.3	5.5	6.0	8.4	15.7	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. ENT VARIATION OF THE MEAN IN EACH COLUMN.