

NATIONAL TURFGRASS EVALUATION PROGRAM

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

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

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

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A Guide to NTEP Turfgrass Ratings

Introduction

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

General Considerations

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

Turfgrass Quality

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

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

Other Ratings

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

2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST

LOCATIONS SUBMITTING DATA FOR 2020

State	Location	Code
Approach 1 Locations (Rainout shelters)		
Arkansas	Fayetteville	AR1
Massachusetts	Amherst (Dry Down 1)	MA1
Massachusetts	Amherst (Dry Down 2)	MA1
Approach 2 Locations (Zone level irrigation)		
Colorado	Ft. Collins	CO1
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 2021 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/
2020 DATA

TOTAL WATER APPLIED WITH MM 2/

NAME		PRE-DROUGHT QUALITY			PERCENT GREEN COVER DURING DRY DOWN							
		5/17/20	6/18/20	MEAN	7/7/20	7/10/20	7/13/20	7/16/20	7/20/20	7/23/20	7/27/20	7/30/20
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.7	5.7	5.7	90.3	95.7	96.3	99	97.3	96.0	93.3	93.3
NONET	TF	7.0	6.7	6.8	98.3	94.7	99.0	99	98.7	98.7	97.3	97.0
PST-K13-141	KB	7.7	6.7	7.2	97.0	95.0	99.0	99	99.0	98.7	98.0	98.3
PST-K15-169	KB	7.0	6.7	6.8	96.3	95.7	98.3	99	99.0	98.0	96.0	96.7
MRSI TF15	TF	7.0	7.0	7.0	97.0	95.7	98.7	99	99.0	98.0	96.7	97.0
PST-K13-137	KB	6.0	5.7	5.8	96.7	94.7	98.7	99	99.0	98.3	96.3	96.3
BARROBUSTO	TF	6.7	6.3	6.5	96.3	96.7	98.3	99	99.0	97.7	95.3	95.7
NAI-13-132	KB	8.0	7.0	7.5	95.7	97.0	98.0	99	98.7	97.7	95.7	96.0
PST-K11-118	KB	6.7	6.7	6.7	96.0	95.7	98.3	99	99.0	97.7	95.0	96.3
STETSON II	TF	6.7	6.7	6.7	98.0	96.7	98.7	99	99.0	98.0	96.3	97.0
TITANIUM 2LS	TF	7.0	7.0	7.0	97.3	96.0	98.7	99	98.7	97.3	95.0	96.3
DAUNTLESS	KB	6.3	6.3	6.3	95.3	93.7	98.7	99	98.3	96.0	91.3	95.3
GO-AOMK	TF	6.3	6.3	6.3	97.0	94.0	98.0	99	99.0	98.0	96.7	96.0
DLFPS 321/3679	TF	7.0	6.3	6.7	97.7	90.0	98.7	99	98.7	97.7	96.3	96.3
SUPERSONIC	TF	6.3	6.0	6.2	97.0	96.0	98.0	99	98.0	97.0	94.3	95.7
BAR PP 110358	KB	7.7	7.7	7.7	96.7	94.3	98.7	99	99.0	98.7	98.0	98.0
BARRARI	KB	6.0	6.0	6.0	94.0	96.3	98.0	99	98.3	97.7	94.0	93.3
BLUE DEVIL	KB	7.0	6.7	6.8	92.7	94.3	97.0	99	98.0	97.0	93.3	94.0
BLUE NOTE	KB	6.7	6.3	6.5	96.7	95.3	98.7	99	98.7	97.7	95.0	95.0
DLFPS 321/3678	TF	7.3	6.7	7.0	97.3	91.7	98.3	99	99.0	98.3	96.0	96.7
THUNDERSTRUCK	TF	7.0	6.3	6.7	96.0	95.7	98.0	99	98.7	97.7	96.3	96.7
LTP-SYN-A3	TF	7.0	6.3	6.7	98.7	96.7	99.0	99	99.0	98.7	98.0	98.0
PST-R511	TF	6.7	6.3	6.5	99.0	96.7	99.0	99	99.0	98.7	97.3	97.7
KINGDOM	TF	6.3	6.3	6.3	97.0	97.3	98.3	99	98.3	97.7	96.0	96.3
EVEREST	KB	7.0	6.3	6.7	95.0	95.7	98.0	99	98.7	97.7	95.3	95.3
BABE	KB	6.0	5.7	5.8	94.0	96.0	97.0	99	97.0	93.0	88.3	90.7
MIDNIGHT	KB	6.7	6.3	6.5	95.7	96.7	98.7	99	99.0	98.3	96.7	97.7
RS4	TF	6.7	6.3	6.5	97.3	95.7	98.3	99	99.0	98.0	97.0	97.3
THOR	TF	7.0	7.0	7.0	97.3	96.7	98.3	99	99.0	98.3	96.7	96.3
CATALYST	TF	7.0	7.0	7.0	97.7	96.0	98.7	99	98.7	97.7	94.3	96.0
NAI-13-14	KB	6.7	6.3	6.5	94.3	97.3	98.3	99	98.7	97.7	95.3	96.3
BAR FA 121095	TF	6.7	6.0	6.3	97.0	93.0	98.3	99	99.0	98.0	96.0	96.0
DLFPS 321/3677	TF	6.7	6.3	6.5	97.3	94.7	98.7	99	98.7	98.0	96.3	96.0
PST-5SDS	TF	7.7	7.7	7.7	98.0	96.0	98.7	99	99.0	98.3	97.0	96.3
PST-K13-143	KB	6.3	6.0	6.2	96.7	93.0	98.0	99	99.0	98.0	96.3	96.3
LSD VALUE		0.9	0.9	0.8	6.4	10.8	2.4	0	2.1	6.7	14.1	11.1
C.V. (%)		7.5	7.8	6.9	2.6	3.1	0.9	0	0.7	1.9	3.9	3.0

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

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

TABLE 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/
2020 DATA

NAME		TOTAL WATER APPLIED WITH MM 2/ PERCENT GREEN COVER DURING DRY DOWN									
		8/3/20	8/6/20	8/10/20	8/13/20	8/17/20	8/20/20	8/24/20	8/27/20	8/31/20	9/3/20
SR 4650 (P.RYEGRASS STANDARD ENTRY)		97.0	97.0	99.0	98.7	97.0	92.7	85.0	83.7	82.0	84.7
NONET	TF	98.0	97.7	99.0	99.0	98.3	95.7	90.0	87.3	83.7	84.7
PST-K13-141	KB	99.0	98.7	99.0	98.7	98.7	96.0	88.3	85.7	80.0	78.7
PST-K15-169	KB	98.7	98.3	99.0	98.7	98.0	95.3	88.0	85.7	81.7	82.7
MRSL TF15	TF	98.0	97.7	98.7	98.7	98.0	95.3	86.3	83.3	81.3	80.7
PST-K13-137	KB	98.3	98.0	99.0	99.0	98.0	95.7	89.3	86.3	83.0	83.7
BARROBUSTO	TF	98.0	97.3	98.7	98.3	95.7	90.7	81.7	77.0	73.7	81.0
NAI-13-132	KB	98.3	98.0	99.0	98.7	97.7	95.3	89.7	87.7	84.0	86.3
PST-K11-118	KB	98.0	98.3	99.0	98.0	97.3	95.3	87.7	84.7	80.7	82.3
STETSON II	TF	98.0	97.3	99.0	98.3	96.3	91.0	80.0	75.3	71.0	77.0
TITANIUM 2LS	TF	97.7	97.7	99.0	98.3	97.3	94.3	89.0	85.7	82.0	81.0
DAUNTLESS	KB	97.7	97.0	99.0	98.7	97.0	92.0	82.3	78.7	74.7	74.3
GO-AOMK	TF	97.0	96.3	98.0	96.7	93.7	88.0	79.3	75.0	76.3	75.0
DLFPS 321/3679	TF	98.0	97.7	98.7	99.0	97.7	96.7	94.0	92.0	90.0	90.0
SUPERSONIC	TF	97.7	97.7	99.0	99.0	98.7	97.0	93.0	91.0	87.7	89.3
BAR PP 110358	KB	99.0	98.7	99.0	99.0	98.7	96.0	87.7	84.3	78.3	79.7
BARRARI	KB	98.3	97.7	99.0	98.3	97.7	95.0	86.7	83.0	80.0	78.7
BLUE DEVIL	KB	98.0	97.7	99.0	97.3	96.7	92.3	86.7	83.7	80.3	77.7
BLUE NOTE	KB	98.3	98.3	99.0	98.7	98.0	95.0	87.0	83.3	80.7	80.7
DLFPS 321/3678	TF	97.7	97.7	99.0	99.0	99.0	96.3	89.7	86.3	83.7	82.7
THUNDERSTRUCK	TF	97.3	96.7	98.3	98.7	97.3	93.3	86.7	82.7	80.0	80.3
LTP-SYN-A3	TF	98.3	98.0	99.0	98.7	98.7	96.7	92.3	89.0	86.3	85.3
PST-R511	TF	98.7	98.3	99.0	99.0	98.3	97.0	91.7	87.7	83.7	83.3
KINGDOM	TF	97.0	96.7	98.0	97.7	96.7	91.7	80.3	77.3	75.3	76.7
EVEREST	KB	98.3	98.3	99.0	98.7	97.0	94.3	87.7	83.7	79.0	79.3
BABE	KB	96.0	95.3	99.0	98.0	95.7	91.3	79.3	73.7	66.7	73.3
MIDNIGHT	KB	98.3	97.7	99.0	98.3	97.0	94.3	87.3	85.3	81.7	82.0
RS4	TF	98.0	97.7	99.0	99.0	98.7	96.7	91.3	87.3	81.7	82.7
THOR	TF	98.0	98.0	99.0	98.7	96.0	92.7	84.0	78.7	74.0	81.0
CATALYST	TF	97.7	97.3	98.7	97.0	93.0	85.3	71.0	70.7	74.7	76.3
NAI-13-14	KB	98.3	98.0	99.0	98.7	97.3	94.7	86.7	85.7	79.3	79.3
BAR FA 121095	TF	98.0	98.0	99.0	98.7	97.0	93.3	83.7	77.0	71.7	78.7
DLFPS 321/3677	TF	97.7	97.3	98.7	98.3	96.3	92.0	82.7	79.0	78.7	86.0
PST-SSDS	TF	97.7	96.7	98.3	98.0	95.7	90.3	80.0	75.7	70.3	77.0
PST-K13-143	KB	98.3	97.0	99.0	99.0	96.3	91.3	79.0	75.3	68.3	70.3
LSD VALUE		4.1	3.8	0.9	3.7	8.8	19.5	38.4	47.0	56.6	51.2
C.V. (%)		1.1	1.2	0.4	1.1	2.5	5.5	11.4	13.7	16.1	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 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/
2020 DATA

NAME		TOTAL WATER APPLIED WITH MM 2/ PERCENT GREEN COVER DURING DRY DOWN										TOTAL WATER APPLIED (mm)
		9/7/20	9/10/20	9/14/20	9/17/20	9/22/20	9/24/20	9/28/20	10/1/20	10/5/20	10/12/20	
SR 4650 (P.RYEGRASS STANDARD ENTRY)		74.0	69.7	79.0	69.0	66.3	56.3	56.7	62.0	45.7	76.0	34.0
NONET	TF	71.7	65.0	59.7	55.0	51.0	42.3	48.0	57.7	49.7	69.7	38.0
PST-K13-141	KB	64.0	62.0	54.3	50.3	45.7	45.3	54.0	49.3	48.7	66.3	46.7
PST-K15-169	KB	71.0	67.0	65.7	54.0	50.7	44.3	62.0	55.7	49.7	65.3	46.7
MRSLS TF15	TF	66.3	64.0	58.3	59.3	65.7	57.3	66.7	57.0	43.3	70.7	47.0
PST-K13-137	KB	70.3	60.3	47.7	54.7	47.7	49.7	55.3	49.3	38.3	49.7	50.7
BARROBUSTO	TF	66.7	57.7	53.0	50.7	44.7	41.3	52.3	54.0	48.3	60.7	51.0
NAI-13-132	KB	73.3	68.7	58.3	54.7	49.3	46.3	46.7	52.0	51.0	74.0	51.0
PST-K11-118	KB	63.0	57.0	58.7	40.7	41.7	35.3	51.0	49.7	43.0	70.3	51.0
STETSON II	TF	67.0	62.7	60.7	63.3	60.0	59.0	56.3	54.3	44.0	63.0	51.0
TITANIUM 2LS	TF	63.3	51.0	50.7	42.7	40.3	42.0	60.0	56.3	40.7	59.3	51.0
DAUNTLESS	KB	59.3	46.7	52.7	50.3	49.0	48.7	57.0	50.7	50.0	69.0	55.0
GO-AOMK	TF	63.3	61.0	63.3	52.7	49.3	46.0	56.0	51.3	41.0	63.3	55.0
DLFPS 321/3679	TF	74.0	57.7	52.7	53.7	47.3	45.3	51.7	56.7	41.0	56.7	55.3
SUPERSONIC	TF	71.0	56.3	60.7	40.7	45.3	45.0	59.0	59.0	43.0	64.0	55.3
BAR PP 110358	KB	61.3	54.0	62.3	51.7	54.7	47.3	56.0	58.0	50.3	52.7	59.3
BARRARI	KB	63.7	54.7	56.3	47.0	44.7	43.3	53.7	55.0	41.3	54.7	59.3
BLUE DEVIL	KB	67.0	63.7	52.0	62.3	56.3	47.3	51.3	49.3	43.3	66.0	59.3
BLUE NOTE	KB	63.7	53.7	49.3	46.7	50.7	44.7	51.3	56.3	41.7	64.7	59.3
DLFPS 321/3678	TF	66.3	62.0	57.3	59.7	47.3	40.0	43.7	47.7	49.3	66.7	59.3
THUNDERSTRUCK	TF	65.0	58.7	61.3	49.3	49.0	47.3	57.7	59.7	39.0	60.7	59.3
LTP-SYN-A3	TF	66.7	54.7	64.0	53.0	50.7	46.3	48.0	45.0	48.0	76.0	59.7
PST-R511	TF	60.3	55.0	65.0	47.3	49.3	40.0	52.3	45.0	45.7	75.3	59.7
KINGDOM	TF	61.7	54.0	64.3	54.0	46.0	47.3	58.7	58.7	43.0	50.3	63.3
EVEREST	KB	65.3	53.7	55.3	49.7	52.7	42.0	52.7	60.3	44.0	60.3	63.7
BABE	KB	57.3	45.7	57.7	43.3	44.0	46.3	56.3	59.7	45.7	64.3	68.0
MIDNIGHT	KB	65.7	59.7	48.0	50.0	53.7	50.0	57.0	58.0	44.0	44.7	68.0
RS4	TF	57.3	48.7	52.0	47.3	46.3	47.7	52.3	53.0	43.3	58.0	68.0
THOR	TF	66.0	63.3	60.3	47.0	45.7	41.3	51.7	48.0	44.7	65.3	68.0
CATALYST	TF	56.0	53.3	65.7	44.7	47.3	44.3	51.3	59.7	42.0	66.0	72.0
NAI-13-14	KB	64.7	55.3	65.3	36.3	38.3	31.3	45.0	49.3	47.3	70.3	72.0
BAR FA 121095	TF	59.3	52.3	53.0	56.7	46.7	46.3	55.0	56.7	46.0	53.3	72.3
DLFPS 321/3677	TF	71.0	65.3	51.3	52.0	43.7	38.7	47.0	48.7	43.0	66.3	72.3
PST-5SDS	TF	54.0	43.0	59.7	37.0	37.3	34.3	47.3	51.3	46.0	66.3	80.7
PST-K13-143	KB	52.7	46.0	59.0	40.3	41.0	44.3	55.7	56.7	49.7	60.3	80.7
LSD VALUE		75.6	64.5	54.5	43.9	29.4	30.2	34.0	16.2	13.7	36.8	61.1
C.V. (%)		24.2	26.3	23.1	25.5	20.7	21.0	17.2	12.0	11.3	19.2	31.3

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

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

TABLE 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/
2020 DATA

TOTAL WATER APPLIED WITH MM 2/

NAME	PRE-DROUGHT QUALITY			PERCENT GREEN COVER DURING DRY DOWN							
	5/17/20	6/18/20	MEAN	7/7/20	7/10/20	7/13/20	7/16/20	7/20/20	7/23/20	7/27/20	7/30/20
SR 4650 (P.RYEGRASS STANDARD ENTRY)	5.7	5.7	5.7	90.3	95.7	96.3	99	97.3	96.0	93.3	93.3
PST-K13-141 KB	7.7	6.7	7.2	97.0	95.0	99.0	99	99.0	98.7	98.0	98.3
PST-K15-169 KB	7.0	6.7	6.8	96.3	95.7	98.3	99	99.0	98.0	96.0	96.7
PST-K13-137 KB	6.0	5.7	5.8	96.7	94.7	98.7	99	99.0	98.3	96.3	96.3
NAI-13-132 KB	8.0	7.0	7.5	95.7	97.0	98.0	99	98.7	97.7	95.7	96.0
PST-K11-118 KB	6.7	6.7	6.7	96.0	95.7	98.3	99	99.0	97.7	95.0	96.3
DAUNTLESS KB	6.3	6.3	6.3	95.3	93.7	98.7	99	98.3	96.0	91.3	95.3
BAR PP 110358 KB	7.7	7.7	7.7	96.7	94.3	98.7	99	99.0	98.7	98.0	98.0
BARRARI KB	6.0	6.0	6.0	94.0	96.3	98.0	99	98.3	97.7	94.0	93.3
BLUE DEVIL KB	7.0	6.7	6.8	92.7	94.3	97.0	99	98.0	97.0	93.3	94.0
BLUE NOTE KB	6.7	6.3	6.5	96.7	95.3	98.7	99	98.7	97.7	95.0	95.0
EVEREST KB	7.0	6.3	6.7	95.0	95.7	98.0	99	98.7	97.7	95.3	95.3
BABE KB	6.0	5.7	5.8	94.0	96.0	97.0	99	97.0	93.0	88.3	90.7
MIDNIGHT KB	6.7	6.3	6.5	95.7	96.7	98.7	99	99.0	98.3	96.7	97.7
NAI-13-14 KB	6.7	6.3	6.5	94.3	97.3	98.3	99	98.7	97.7	95.3	96.3
PST-K13-143 KB	6.3	6.0	6.2	96.7	93.0	98.0	99	99.0	98.0	96.3	96.3
LSD VALUE	0.9	0.9	0.8	5.2	6.4	2.1	0	2.5	6.6	11.1	8.2
C.V. (%)	8.1	8.0	7.3	2.4	2.3	0.9	0	1.0	2.4	4.3	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 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/
2020 DATA

NAME	TOTAL WATER APPLIED WITH MM 2/									
	PERCENT GREEN COVER DURING DRY DOWN									
	8/3/20	8/6/20	8/10/20	8/13/20	8/17/20	8/20/20	8/24/20	8/27/20	8/31/20	9/3/20
SR 4650 (P.RYEGRASS STANDARD ENTRY)	97.0	97.0	99	98.7	97.0	92.7	85.0	83.7	82.0	84.7
PST-K13-141 KB	99.0	98.7	99	98.7	98.7	96.0	88.3	85.7	80.0	78.7
PST-K15-169 KB	98.7	98.3	99	98.7	98.0	95.3	88.0	85.7	81.7	82.7
PST-K13-137 KB	98.3	98.0	99	99.0	98.0	95.7	89.3	86.3	83.0	83.7
NAI-13-132 KB	98.3	98.0	99	98.7	97.7	95.3	89.7	87.7	84.0	86.3
PST-K11-118 KB	98.0	98.3	99	98.0	97.3	95.3	87.7	84.7	80.7	82.3
DAUNTLESS KB	97.7	97.0	99	98.7	97.0	92.0	82.3	78.7	74.7	74.3
BAR PP 110358 KB	99.0	98.7	99	99.0	98.7	96.0	87.7	84.3	78.3	79.7
BARRARI KB	98.3	97.7	99	98.3	97.7	95.0	86.7	83.0	80.0	78.7
BLUE DEVIL KB	98.0	97.7	99	97.3	96.7	92.3	86.7	83.7	80.3	77.7
BLUE NOTE KB	98.3	98.3	99	98.7	98.0	95.0	87.0	83.3	80.7	80.7
EVEREST KB	98.3	98.3	99	98.7	97.0	94.3	87.7	83.7	79.0	79.3
BABE KB	96.0	95.3	99	98.0	95.7	91.3	79.3	73.7	66.7	73.3
MIDNIGHT KB	98.3	97.7	99	98.3	97.0	94.3	87.3	85.3	81.7	82.0
NAI-13-14 KB	98.3	98.0	99	98.7	97.3	94.7	86.7	85.7	79.3	79.3
PST-K13-143 KB	98.3	97.0	99	99.0	96.3	91.3	79.0	75.3	68.3	70.3
LSD VALUE	3.6	4.0	0	2.0	3.6	10.0	25.1	29.9	36.3	39.8
C.V. (%)	1.3	1.5	0	0.7	1.4	3.5	8.8	10.9	14.1	14.4

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

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

TABLE 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/
2020 DATA

NAME	TOTAL WATER APPLIED WITH MM 2/										TOTAL WATER APPLIED (mm)
	PERCENT GREEN COVER DURING DRY DOWN										
	9/7/20	9/10/20	9/14/20	9/17/20	9/22/20	9/24/20	9/28/20	10/1/20	10/5/20	10/12/20	
SR 4650 (P.RYEGRASS STANDARD ENTRY)	74.0	69.7	79.0	69.0	66.3	56.3	56.7	62.0	45.7	76.0	34.0
PST-K13-141 KB	64.0	62.0	54.3	50.3	45.7	45.3	54.0	49.3	48.7	66.3	46.7
PST-K15-169 KB	71.0	67.0	65.7	54.0	50.7	44.3	62.0	55.7	49.7	65.3	46.7
PST-K13-137 KB	70.3	60.3	47.7	54.7	47.7	49.7	55.3	49.3	38.3	49.7	50.7
NAI-13-132 KB	73.3	68.7	58.3	54.7	49.3	46.3	46.7	52.0	51.0	74.0	51.0
PST-K11-118 KB	63.0	57.0	58.7	40.7	41.7	35.3	51.0	49.7	43.0	70.3	51.0
DAUNTLESS KB	59.3	46.7	52.7	50.3	49.0	48.7	57.0	50.7	50.0	69.0	55.0
BAR PP 110358 KB	61.3	54.0	62.3	51.7	54.7	47.3	56.0	58.0	50.3	52.7	59.3
BARRARI KB	63.7	54.7	56.3	47.0	44.7	43.3	53.7	55.0	41.3	54.7	59.3
BLUE DEVIL KB	67.0	63.7	52.0	62.3	56.3	47.3	51.3	49.3	43.3	66.0	59.3
BLUE NOTE KB	63.7	53.7	49.3	46.7	50.7	44.7	51.3	56.3	41.7	64.7	59.3
EVEREST KB	65.3	53.7	55.3	49.7	52.7	42.0	52.7	60.3	44.0	60.3	63.7
BABE KB	57.3	45.7	57.7	43.3	44.0	46.3	56.3	59.7	45.7	64.3	68.0
MIDNIGHT KB	65.7	59.7	48.0	50.0	53.7	50.0	57.0	58.0	44.0	44.7	68.0
NAI-13-14 KB	64.7	55.3	65.3	36.3	38.3	31.3	45.0	49.3	47.3	70.3	72.0
PST-K13-143 KB	52.7	46.0	59.0	40.3	41.0	44.3	55.7	56.7	49.7	60.3	80.7
LSD VALUE	51.5	47.7	41.5	35.4	25.1	25.5	29.0	17.6	10.4	37.0	55.8
C.V. (%)	23.2	26.9	24.8	26.3	20.5	20.8	16.8	12.5	10.3	22.1	34.1

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

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

TABLE 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/
2020 DATA

TOTAL WATER APPLIED WITH MM 2/

NAME		PRE-DROUGHT QUALITY			PERCENT GREEN COVER DURING DRY DOWN							
		5/17/20	6/18/20	MEAN	7/7/20	7/10/20	7/13/20	7/16/20	7/20/20	7/23/20	7/27/20	7/30/20
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.7	5.7	5.7	90.3	95.7	96.3	99	97.3	96.0	93.3	93.3
NONET	TF	7.0	6.7	6.8	98.3	94.7	99.0	99	98.7	98.7	97.3	97.0
MRSI TF15	TF	7.0	7.0	7.0	97.0	95.7	98.7	99	99.0	98.0	96.7	97.0
BARROBUSTO	TF	6.7	6.3	6.5	96.3	96.7	98.3	99	99.0	97.7	95.3	95.7
STETSON II	TF	6.7	6.7	6.7	98.0	96.7	98.7	99	99.0	98.0	96.3	97.0
TITANIUM 2LS	TF	7.0	7.0	7.0	97.3	96.0	98.7	99	98.7	97.3	95.0	96.3
GO-AOMK	TF	6.3	6.3	6.3	97.0	94.0	98.0	99	99.0	98.0	96.7	96.0
DLFPS 321/3679	TF	7.0	6.3	6.7	97.7	90.0	98.7	99	98.7	97.7	96.3	96.3
SUPERSONIC	TF	6.3	6.0	6.2	97.0	96.0	98.0	99	98.0	97.0	94.3	95.7
DLFPS 321/3678	TF	7.3	6.7	7.0	97.3	91.7	98.3	99	99.0	98.3	96.0	96.7
THUNDERSTRUCK	TF	7.0	6.3	6.7	96.0	95.7	98.0	99	98.7	97.7	96.3	96.7
LTP-SYN-A3	TF	7.0	6.3	6.7	98.7	96.7	99.0	99	99.0	98.7	98.0	98.0
PST-R511	TF	6.7	6.3	6.5	99.0	96.7	99.0	99	99.0	98.7	97.3	97.7
KINGDOM	TF	6.3	6.3	6.3	97.0	97.3	98.3	99	98.3	97.7	96.0	96.3
RS4	TF	6.7	6.3	6.5	97.3	95.7	98.3	99	99.0	98.0	97.0	97.3
THOR	TF	7.0	7.0	7.0	97.3	96.7	98.3	99	99.0	98.3	96.7	96.3
CATALYST	TF	7.0	7.0	7.0	97.7	96.0	98.7	99	98.7	97.7	94.3	96.0
BAR FA 121095	TF	6.7	6.0	6.3	97.0	93.0	98.3	99	99.0	98.0	96.0	96.0
DLFPS 321/3677	TF	6.7	6.3	6.5	97.3	94.7	98.7	99	98.7	98.0	96.3	96.0
PST-5SDS	TF	7.7	7.7	7.7	98.0	96.0	98.7	99	99.0	98.3	97.0	96.3
LSD VALUE		1.0	1.0	0.8	1.5	10.7	0.8	0	1.0	1.4	4.6	2.7
C.V. (%)		7.2	7.5	6.6	1.0	3.6	0.5	0	0.5	0.7	1.8	1.3

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/
2020 DATA

NAME	TOTAL WATER APPLIED WITH MM 2/									
	PERCENT GREEN COVER DURING DRY DOWN									
	8/3/20	8/6/20	8/10/20	8/13/20	8/17/20	8/20/20	8/24/20	8/27/20	8/31/20	9/3/20
SR 4650 (P.RYEGRASS STANDARD ENTRY)	97.0	97.0	99.0	98.7	97.0	92.7	85.0	83.7	82.0	84.7
NONET TF	98.0	97.7	99.0	99.0	98.3	95.7	90.0	87.3	83.7	84.7
MRSL TF15 TF	98.0	97.7	98.7	98.7	98.0	95.3	86.3	83.3	81.3	80.7
BARROBUSTO TF	98.0	97.3	98.7	98.3	95.7	90.7	81.7	77.0	73.7	81.0
STETSON II TF	98.0	97.3	99.0	98.3	96.3	91.0	80.0	75.3	71.0	77.0
TITANIUM 2LS TF	97.7	97.7	99.0	98.3	97.3	94.3	89.0	85.7	82.0	81.0
GO-AOMK TF	97.0	96.3	98.0	96.7	93.7	88.0	79.3	75.0	76.3	75.0
DLFPS 321/3679 TF	98.0	97.7	98.7	99.0	97.7	96.7	94.0	92.0	90.0	90.0
SUPERSONIC TF	97.7	97.7	99.0	99.0	98.7	97.0	93.0	91.0	87.7	89.3
DLFPS 321/3678 TF	97.7	97.7	99.0	99.0	99.0	96.3	89.7	86.3	83.7	82.7
THUNDERSTRUCK TF	97.3	96.7	98.3	98.7	97.3	93.3	86.7	82.7	80.0	80.3
LTP-SYN-A3 TF	98.3	98.0	99.0	98.7	98.7	96.7	92.3	89.0	86.3	85.3
PST-R511 TF	98.7	98.3	99.0	99.0	98.3	97.0	91.7	87.7	83.7	83.3
KINGDOM TF	97.0	96.7	98.0	97.7	96.7	91.7	80.3	77.3	75.3	76.7
RS4 TF	98.0	97.7	99.0	99.0	98.7	96.7	91.3	87.3	81.7	82.7
THOR TF	98.0	98.0	99.0	98.7	96.0	92.7	84.0	78.7	74.0	81.0
CATALYST TF	97.7	97.3	98.7	97.0	93.0	85.3	71.0	70.7	74.7	76.3
BAR FA 121095 TF	98.0	98.0	99.0	98.7	97.0	93.3	83.7	77.0	71.7	78.7
DLFPS 321/3677 TF	97.7	97.3	98.7	98.3	96.3	92.0	82.7	79.0	78.7	86.0
PST-5SDS TF	97.7	96.7	98.3	98.0	95.7	90.3	80.0	75.7	70.3	77.0
LSD VALUE	1.2	1.5	1.3	3.4	7.7	15.4	25.9	31.5	38.5	31.2
C.V. (%)	0.6	0.7	0.5	1.2	2.8	5.7	11.0	12.9	14.7	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 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/
2020 DATA

NAME	TOTAL WATER APPLIED WITH MM 2/										TOTAL WATER APPLIED (mm)
	PERCENT GREEN COVER DURING DRY DOWN										
	9/7/20	9/10/20	9/14/20	9/17/20	9/22/20	9/24/20	9/28/20	10/1/20	10/5/20	10/12/20	
SR 4650 (P.RYEGRASS STANDARD ENTRY)	74.0	69.7	79.0	69.0	66.3	56.3	56.7	62.0	45.7	76.0	34.0
NONET TF	71.7	65.0	59.7	55.0	51.0	42.3	48.0	57.7	49.7	69.7	38.0
MRSL TF15 TF	66.3	64.0	58.3	59.3	65.7	57.3	66.7	57.0	43.3	70.7	47.0
BARROBUSTO TF	66.7	57.7	53.0	50.7	44.7	41.3	52.3	54.0	48.3	60.7	51.0
STETSON II TF	67.0	62.7	60.7	63.3	60.0	59.0	56.3	54.3	44.0	63.0	51.0
TITANIUM 2LS TF	63.3	51.0	50.7	42.7	40.3	42.0	60.0	56.3	40.7	59.3	51.0
GO-AOMK TF	63.3	61.0	63.3	52.7	49.3	46.0	56.0	51.3	41.0	63.3	55.0
DLFPS 321/3679 TF	74.0	57.7	52.7	53.7	47.3	45.3	51.7	56.7	41.0	56.7	55.3
SUPERSONIC TF	71.0	56.3	60.7	40.7	45.3	45.0	59.0	59.0	43.0	64.0	55.3
DLFPS 321/3678 TF	66.3	62.0	57.3	59.7	47.3	40.0	43.7	47.7	49.3	66.7	59.3
THUNDERSTRUCK TF	65.0	58.7	61.3	49.3	49.0	47.3	57.7	59.7	39.0	60.7	59.3
LTP-SYN-A3 TF	66.7	54.7	64.0	53.0	50.7	46.3	48.0	45.0	48.0	76.0	59.7
PST-R511 TF	60.3	55.0	65.0	47.3	49.3	40.0	52.3	45.0	45.7	75.3	59.7
KINGDOM TF	61.7	54.0	64.3	54.0	46.0	47.3	58.7	58.7	43.0	50.3	63.3
RS4 TF	57.3	48.7	52.0	47.3	46.3	47.7	52.3	53.0	43.3	58.0	68.0
THOR TF	66.0	63.3	60.3	47.0	45.7	41.3	51.7	48.0	44.7	65.3	68.0
CATALYST TF	56.0	53.3	65.7	44.7	47.3	44.3	51.3	59.7	42.0	66.0	72.0
BAR FA 121095 TF	59.3	52.3	53.0	56.7	46.7	46.3	55.0	56.7	46.0	53.3	72.3
DLFPS 321/3677 TF	71.0	65.3	51.3	52.0	43.7	38.7	47.0	48.7	43.0	66.3	72.3
PST-5SDS TF	54.0	43.0	59.7	37.0	37.3	34.3	47.3	51.3	46.0	66.3	80.7
LSD VALUE	48.9	41.7	41.2	38.2	27.4	31.8	34.0	17.7	16.5	27.2	31.5
C.V. (%)	20.9	22.2	21.6	25.3	21.8	23.7	19.7	13.3	12.1	16.3	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 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 FORT COLLINS, CO 1/
2020 DATA

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

NAME		SPRING GREENUP	WINTER QUALITY 1/9/20	WINTER QUALITY 3/5/20	WINTER QUALITY 4/8/20	WINTER QUALITY 4/28/20	WINTER QUALITY 5/12/20	QUALITY 5/20/20	PRE-DROUGHT QUALITY 5/26/20	QUALITY 6/1/20	QUALITY 6/8/20	QUALITY 6/15/20
DLFPS 321/3677	TF	7.0	1.7	1.0	2.7	4.7	4.3	5.3	5.3	5.3	6.3	6.0
PST-5SDS	TF	7.0	1.7	1.0	2.7	4.7	4.7	5.7	6.0	6.0	6.3	6.0
NONET	TF	6.3	2.0	1.0	3.0	4.7	4.7	5.7	5.7	6.0	6.7	6.0
BAR PP 110358	KB	7.0	2.0	1.0	3.0	4.7	5.0	6.0	5.3	6.0	6.0	6.3
BARROBUSTO	TF	7.0	1.3	1.0	2.7	4.7	4.7	5.7	5.7	6.7	6.3	6.0
PST-K13-141	KB	6.7	2.0	1.0	2.7	4.0	4.0	5.0	4.3	4.3	4.7	4.7
BLUE DEVIL	KB	6.0	2.3	1.0	2.7	4.0	4.0	4.7	5.0	5.3	5.0	5.0
EVEREST	KB	6.0	2.3	1.0	2.7	3.7	3.3	4.3	4.0	4.7	5.3	5.0
LTP-SYN-A3	TF	7.0	1.7	1.0	3.0	4.0	4.3	5.3	5.3	5.7	6.0	5.7
PST-K11-118	KB	7.0	2.0	1.0	3.0	5.0	4.0	5.3	5.3	5.7	6.0	5.7
PST-K13-143	KB	6.7	2.0	1.0	2.7	4.3	4.3	4.7	4.7	5.0	5.0	4.7
PST-K15-169	KB	5.7	2.3	1.3	2.3	4.0	4.7	4.7	4.7	5.0	4.7	5.0
BABE	KB	6.3	2.0	1.0	2.7	4.3	4.3	5.0	5.0	5.0	5.0	5.3
BARRARI	KB	5.7	2.3	1.3	2.7	4.0	3.3	4.7	4.7	4.7	4.7	4.7
BLUE NOTE	KB	6.3	2.3	1.3	3.0	4.0	4.3	5.0	4.3	5.3	5.3	5.0
DLFPS 321/3678	TF	6.7	1.7	1.0	2.3	4.7	4.0	4.7	4.7	5.3	5.0	5.3
KINGDOM	TF	6.3	2.0	1.0	2.0	4.3	4.3	5.0	5.3	5.3	5.3	5.3
MIDNIGHT	KB	6.3	2.3	1.0	2.3	4.0	3.7	4.0	3.7	4.3	4.7	4.0
RS4	TF	7.0	2.0	1.0	2.3	4.7	4.0	5.0	5.0	6.0	5.7	5.7
PST-R511	TF	6.7	1.7	1.0	2.3	4.3	4.0	5.3	4.7	4.3	4.7	5.0
THOR	TF	6.7	2.0	1.0	2.3	4.0	4.0	5.0	5.0	4.3	5.3	5.3
BAR FA 121095	TF	6.7	1.7	1.0	2.3	4.3	3.7	4.7	5.0	5.0	5.7	5.0
DAUNTLESS	KB	6.3	2.0	1.0	2.7	4.3	4.0	5.3	4.7	5.3	5.7	5.0
NAI-13-132	KB	6.3	2.0	1.0	2.7	4.0	3.0	4.7	4.0	4.3	4.7	4.7
NAI-13-14	KB	6.0	2.3	1.0	2.7	4.0	4.0	4.0	3.7	3.7	4.0	3.7
STETSON II	TF	6.7	1.3	1.0	2.3	4.3	3.7	5.3	5.0	4.3	4.7	5.0
THUNDERSTRUCK	TF	6.7	1.7	1.0	2.0	4.3	4.3	5.0	4.7	5.7	5.3	5.7
PST-K13-137	KB	6.3	1.7	1.0	2.3	4.3	3.7	5.0	4.7	5.3	5.3	4.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.7	3.0	1.0	2.3	3.0	3.0	4.0	3.3	3.7	4.0	4.3
SUPERSONIC	TF	6.7	2.0	1.0	3.0	4.0	4.0	4.7	4.3	5.0	5.0	5.0
CATALYST	TF	7.3	1.7	1.0	2.3	4.0	3.7	4.7	4.0	4.0	4.7	4.0
GO-AOMK	TF	6.3	1.7	1.0	2.3	3.7	3.3	4.7	4.0	4.0	5.0	4.3
MRS� TF15	TF	6.0	1.3	1.0	2.3	4.3	4.0	5.7	4.7	4.3	4.7	4.3
TITANIUM 2LS	TF	7.0	1.7	1.0	2.0	4.0	3.7	5.3	4.0	4.0	4.0	4.0
DLFPS 321/3679	TF	6.3	1.7	1.0	2.0	4.3	3.7	4.3	4.3	4.7	4.3	4.7
LSD VALUE		1.7	1.1	0.6	1.9	2.6	2.1	1.7	4.6	3.8	4.9	5.2
C.V. (%)		9.7	24.7	15.9	21.5	16.9	18.1	13.8	25.8	24.6	25.6	26.3

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 FORT COLLINS, CO 1/
2020 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN										
		6/22/20	6/29/20	7/6/20	7/13/20	7/20/20	7/27/20	8/3/20	8/10/20	8/17/20	8/24/20	8/31/20
DLFPS 321/3677	TF	6.3	6.3	5.3	5.0	4.0	3.3	3.3	3.3	3.3	3.3	3.0
PST-5SDS	TF	6.3	6.3	5.0	5.0	3.7	2.7	2.7	2.7	2.7	3.3	3.3
NONET	TF	6.3	5.3	4.0	4.0	3.7	3.0	3.0	3.0	3.0	2.7	2.7
BAR PP 110358	KB	6.0	6.0	3.7	3.7	2.7	2.0	2.0	2.0	2.0	2.3	2.3
BARROBUSTO	TF	5.7	6.0	4.0	4.0	3.3	2.7	2.7	2.7	2.7	2.7	2.7
PST-K13-141	KB	5.7	4.3	4.0	4.7	4.0	3.7	3.3	3.3	3.3	3.3	3.3
BLUE DEVIL	KB	5.3	4.7	3.7	4.7	3.7	3.0	2.7	2.7	2.7	2.7	2.7
EVEREST	KB	5.3	5.0	4.3	4.0	3.7	2.7	2.7	2.7	2.7	2.3	3.0
LTP-SYN-A3	TF	6.3	6.3	4.3	3.3	3.3	2.0	2.3	2.3	2.3	2.3	2.7
PST-K11-118	KB	6.0	5.0	3.3	4.0	2.7	2.7	2.3	2.3	2.3	2.7	2.7
PST-K13-143	KB	5.3	5.3	3.7	4.3	3.7	3.0	2.7	2.7	2.7	2.7	2.7
PST-K15-169	KB	4.7	4.3	3.7	4.3	3.7	3.0	3.0	3.0	3.0	3.0	3.0
BABE	KB	5.3	5.0	3.3	3.7	3.3	2.7	2.3	2.3	2.3	2.3	2.7
BARRARI	KB	5.0	4.7	3.7	4.0	3.7	3.0	2.7	2.7	2.7	2.3	2.7
BLUE NOTE	KB	5.0	4.3	3.3	3.3	3.0	2.7	2.0	2.0	2.0	3.0	3.0
DLFPS 321/3678	TF	5.7	5.3	4.0	4.0	3.7	2.3	2.3	2.3	2.3	3.0	2.7
KINGDOM	TF	5.7	5.7	5.0	3.7	3.3	2.0	2.3	2.3	2.3	2.3	2.3
MIDNIGHT	KB	4.7	5.0	3.3	4.0	4.0	3.7	3.3	3.3	3.3	3.0	3.0
RS4	TF	5.3	5.0	4.3	3.7	3.3	2.7	2.3	2.3	2.3	2.7	2.7
PST-R511	TF	5.3	5.3	4.0	3.3	3.0	2.3	2.3	2.3	2.3	2.3	2.7
THOR	TF	5.7	5.3	4.0	3.3	3.0	2.7	2.3	2.3	2.3	2.7	2.7
BAR FA 121095	TF	5.7	5.7	3.7	3.0	3.0	2.7	2.0	2.0	2.0	2.3	2.0
DAUNTLESS	KB	5.0	4.7	2.7	2.7	2.3	2.3	2.0	2.0	2.0	2.7	2.7
NAI-13-132	KB	5.0	4.3	3.0	3.7	3.3	2.7	2.3	2.3	2.3	2.3	2.7
NAI-13-14	KB	4.7	4.3	3.7	3.7	3.7	3.0	2.7	2.7	2.7	2.7	3.0
STETSON II	TF	5.3	5.3	3.7	4.0	3.0	2.7	2.3	2.3	2.3	2.7	2.0
THUNDERSTRUCK	TF	5.3	5.3	3.7	3.3	3.0	2.3	2.0	2.0	2.0	2.0	2.7
PST-K13-137	KB	5.0	4.3	3.0	3.0	2.7	2.3	2.0	2.0	2.0	2.3	2.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.7	4.7	4.3	4.0	3.7	3.3	2.3	2.3	2.3	2.0	2.7
SUPERSONIC	TF	5.0	5.7	3.7	2.7	2.7	2.7	2.0	2.0	2.0	2.7	2.7
CATALYST	TF	5.3	4.7	3.7	3.0	3.0	2.3	2.0	2.0	2.0	2.3	2.0
GO-AOMK	TF	5.7	3.7	3.0	3.0	3.0	2.3	2.3	2.3	2.3	2.3	2.3
MRSL TF15	TF	5.3	4.0	2.7	2.7	2.7	2.0	2.0	2.0	2.0	2.0	2.3
TITANIUM 2LS	TF	5.0	4.7	3.3	3.3	3.0	2.0	2.0	2.0	2.0	2.3	2.3
DLFPS 321/3679	TF	4.3	4.7	3.3	3.3	2.7	2.0	2.0	2.0	2.0	2.0	2.0
LSD VALUE		5.7	4.4	4.1	3.2	2.6	1.5	1.1	1.1	1.1	1.5	2.2
C.V. (%)		23.6	24.3	29.9	27.3	23.9	23.5	21.1	21.1	21.1	21.2	23.2

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

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

TABLE 2A. 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/
 2020 DATA

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

NAME		QUALITY RATINGS DURING RECOVERY PERIOD						MEAN
		9/15/20	9/21/20	9/28/20	10/5/20	10/12/20	11/2/20	
DLFPS 321/3677	TF	4.0	4.0	4.7	4.3	5.0	5.0	4.3
PST-5SDS	TF	3.7	4.3	4.7	4.7	5.0	5.3	4.3
NONET	TF	3.7	3.7	4.7	4.3	4.3	4.3	4.1
BAR PP 110358	KB	4.3	4.3	5.0	5.0	4.7	5.0	4.0
BARROBUSTO	TF	3.7	3.7	4.7	4.3	4.7	5.0	4.0
PST-K13-141	KB	4.3	4.3	5.0	5.0	4.3	5.0	3.9
BLUE DEVIL	KB	4.0	3.7	4.7	4.7	4.7	4.7	3.8
EVEREST	KB	4.3	4.7	4.7	4.7	4.7	5.3	3.8
LTP-SYN-A3	TF	3.3	3.7	4.3	4.0	4.7	4.3	3.8
PST-K11-118	KB	3.7	3.3	4.3	3.7	4.3	4.0	3.8
PST-K13-143	KB	4.3	4.0	4.7	5.0	4.7	5.0	3.8
PST-K15-169	KB	4.7	4.0	4.3	4.3	4.7	4.3	3.8
BABE	KB	4.3	4.3	4.3	4.3	4.0	5.0	3.7
BARRARI	KB	4.0	4.3	4.7	4.7	4.3	5.0	3.7
BLUE NOTE	KB	4.7	4.3	4.3	5.0	4.7	4.7	3.7
DLFPS 321/3678	TF	3.3	3.7	4.0	4.0	4.3	4.7	3.7
KINGDOM	TF	3.7	3.7	4.0	4.3	3.7	4.3	3.7
MIDNIGHT	KB	4.0	4.0	4.3	4.3	4.3	4.3	3.7
RS4	TF	3.7	3.3	3.7	3.7	3.3	4.0	3.7
PST-R511	TF	3.7	4.0	4.0	4.3	4.0	4.7	3.6
THOR	TF	3.7	3.3	3.3	3.7	4.3	4.3	3.6
BAR FA 121095	TF	3.3	3.7	4.0	3.7	4.3	4.7	3.5
DAUNTLESS	KB	3.7	4.0	4.0	4.3	4.0	5.0	3.5
NAI-13-132	KB	4.3	4.0	4.0	4.3	4.3	4.3	3.5
NAI-13-14	KB	4.0	4.0	4.3	4.7	4.3	4.7	3.5
STETSON II	TF	3.3	3.7	3.7	3.7	4.0	4.7	3.5
THUNDERSTRUCK	TF	3.0	3.7	4.0	3.3	3.3	4.3	3.5
PST-K13-137	KB	3.7	4.0	4.0	3.7	3.7	5.0	3.4
SR 4650 (P.RYEGRASS STANDARD ENTRY)		3.7	3.7	4.3	4.3	4.3	4.0	3.4
SUPERSONIC	TF	3.3	3.3	3.7	4.0	3.7	4.0	3.4
CATALYST	TF	3.0	3.7	3.7	3.3	3.7	4.3	3.2
GO-AOMK	TF	3.3	3.3	3.3	3.7	3.3	3.7	3.2
MRSL TF15	TF	3.0	3.3	3.3	3.7	3.3	3.7	3.2
TITANIUM 2LS	TF	3.3	3.3	3.0	3.3	4.0	3.7	3.2
DLFPS 321/3679	TF	3.0	3.0	3.3	3.0	3.3	3.3	3.1
LSD VALUE		1.3	2.1	2.5	1.6	3.4	3.5	2.4
C.V. (%)		16.0	17.0	19.7	17.1	22.1	21.1	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 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 FORT COLLINS, CO 1/
2020 DATA

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

NAME		WINTER % COVER			PRE-DROUGHT	PERCENT COVER	RATINGS	
		4/8/20	5/12/20	5/20/20	5/26/20	6/1/20	6/8/20	6/15/20
DLFPS 321/3677	TF	40.7	66.0	81.0	77.0	80.3	8.0	78.0
PST-5SDS	TF	51.3	76.3	87.7	86.3	91.7	8.7	89.7
NONET	TF	41.3	71.7	86.0	82.0	83.7	7.7	82.3
BAR PP 110358	KB	52.0	76.7	89.7	80.7	86.3	8.7	85.7
BARROBUSTO	TF	46.3	75.7	83.0	80.7	83.3	8.0	85.0
PST-K13-141	KB	51.3	72.3	76.7	62.3	76.3	7.0	73.3
BLUE DEVIL	KB	47.7	63.3	77.3	63.7	68.7	7.3	75.3
EVEREST	KB	35.7	60.0	75.0	62.3	73.3	7.3	78.7
LTP-SYN-A3	TF	46.3	69.0	77.0	70.3	81.0	7.7	83.7
PST-K11-118	KB	53.0	70.3	88.7	78.0	79.3	7.7	81.3
PST-K13-143	KB	51.0	70.0	81.3	72.7	78.7	7.7	78.7
PST-K15-169	KB	35.7	54.7	82.0	59.7	70.0	6.3	71.3
BABE	KB	42.0	64.7	87.3	69.0	72.7	7.7	75.0
BARRARI	KB	50.0	63.3	78.7	66.7	80.0	7.7	76.3
BLUE NOTE	KB	51.0	66.7	77.3	69.0	73.7	8.0	78.7
DLFPS 321/3678	TF	43.7	61.7	80.7	74.3	79.0	7.3	78.3
KINGDOM	TF	42.0	69.7	77.0	79.7	80.0	7.7	76.7
MIDNIGHT	KB	45.0	62.7	83.0	64.3	67.0	7.3	75.0
RS4	TF	42.3	62.0	78.3	67.0	76.0	7.7	79.0
PST-R511	TF	50.0	65.3	80.7	73.0	78.0	7.3	77.0
THOR	TF	40.7	62.0	80.7	67.7	78.7	7.7	79.3
BAR FA 121095	TF	38.7	60.7	80.7	70.3	76.7	7.0	80.7
DAUNTLESS	KB	47.7	67.7	82.7	67.7	74.3	8.0	81.3
NAI-13-132	KB	45.3	60.7	73.3	64.7	63.3	7.3	72.0
NAI-13-14	KB	40.7	65.3	70.3	59.7	66.3	7.0	70.3
STETSON II	TF	44.3	68.7	79.3	75.3	85.0	7.7	83.0
THUNDERSTRUCK	TF	41.3	68.0	80.3	78.7	75.0	7.7	81.0
PST-K13-137	KB	42.7	60.3	79.3	59.0	65.7	7.3	66.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		30.0	51.0	66.3	60.0	63.0	6.7	75.7
SUPERSONIC	TF	41.3	58.7	74.0	62.3	74.3	7.0	77.0
CATALYST	TF	44.7	62.0	76.3	66.7	74.0	7.0	71.0
GO-AOMK	TF	34.0	53.0	72.3	60.3	63.7	6.7	68.7
MRSL TF15	TF	40.3	63.3	80.0	69.0	70.3	7.0	69.7
TITANIUM 2LS	TF	43.0	60.0	77.7	62.7	69.7	6.7	73.3
DLFPS 321/3679	TF	39.0	55.7	76.0	76.0	69.7	6.7	73.7
LSD VALUE		18.6	31.9	39.9	58.1	34.7	5.0	36.2
C.V. (%)		17.3	15.8	12.8	21.4	14.9	15.9	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 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 FORT COLLINS, CO 1/
2020 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN RATINGS										
		6/22/20	6/29/20	7/6/20	7/13/20	7/20/20	7/27/20	8/3/20	8/10/20	8/17/20	8/24/20	8/31/20
DLFPS 321/3677	TF	81.0	84.3	70.7	59.7	60.0	46.7	39.7	39.7	25.7	48.0	48.7
PST-5SDS	TF	89.0	86.7	69.0	60.0	53.7	47.7	35.7	27.0	22.0	41.0	42.3
NONET	TF	84.3	70.7	58.0	46.7	37.7	31.7	23.7	19.0	14.0	16.3	35.7
BAR PP 110358	KB	89.3	72.3	58.7	47.0	29.3	34.3	14.3	11.7	18.7	18.7	26.7
BARROBUSTO	TF	82.0	84.7	56.0	53.7	37.7	30.0	22.0	16.0	15.7	24.7	27.3
PST-K13-141	KB	82.3	72.7	70.7	75.0	49.3	56.0	34.0	33.0	24.3	33.0	41.0
BLUE DEVIL	KB	82.0	67.0	54.7	59.3	53.7	37.0	32.0	18.3	19.3	18.7	33.0
EVEREST	KB	81.0	67.0	57.3	65.7	47.0	42.0	27.3	22.3	26.0	26.7	33.7
LTP-SYN-A3	TF	88.7	84.0	69.7	43.7	28.0	27.0	16.7	14.0	13.0	13.3	39.0
PST-K11-118	KB	85.7	58.7	49.3	53.7	44.7	40.3	24.7	26.3	23.0	27.7	32.7
PST-K13-143	KB	88.7	67.0	61.3	57.0	39.3	43.3	18.0	12.7	13.7	13.0	24.3
PST-K15-169	KB	78.3	65.0	67.0	65.0	48.7	40.3	28.3	19.7	20.3	25.7	37.0
BABE	KB	88.7	77.7	58.0	55.7	41.3	31.3	22.3	21.3	16.0	20.7	33.7
BARRARI	KB	87.3	69.0	68.0	49.3	44.0	43.7	19.7	16.0	18.3	16.0	30.7
BLUE NOTE	KB	86.0	63.0	66.0	62.0	38.7	38.0	12.7	11.7	13.3	21.7	40.0
DLFPS 321/3678	TF	80.3	78.0	69.3	59.0	46.3	43.7	27.7	22.7	18.0	19.0	32.3
KINGDOM	TF	88.7	81.7	77.0	57.7	38.3	34.0	24.0	18.3	17.3	19.3	25.0
MIDNIGHT	KB	86.3	70.0	70.7	68.0	52.3	45.3	30.3	26.3	19.7	23.7	34.7
RS4	TF	79.0	77.3	67.3	52.3	44.3	35.3	20.3	18.7	16.3	18.0	28.7
PST-R511	TF	84.0	75.0	59.7	44.3	33.0	27.0	18.0	14.3	14.0	16.7	35.7
THOR	TF	85.3	69.7	50.0	45.0	46.7	40.3	32.0	21.3	22.0	29.3	26.3
BAR FA 121095	TF	80.7	77.7	55.3	45.7	39.3	33.3	16.7	13.0	12.3	10.3	20.3
DAUNTLESS	KB	87.0	41.0	42.7	55.3	29.0	27.3	16.0	12.7	15.0	17.7	29.7
NAI-13-132	KB	82.0	54.0	36.0	50.7	49.3	44.0	23.3	20.0	19.0	17.7	32.3
NAI-13-14	KB	79.0	74.7	68.0	63.3	42.7	39.3	22.7	21.3	16.0	27.0	29.3
STETSON II	TF	90.0	77.0	56.3	54.7	40.0	39.0	25.3	14.3	15.0	21.7	26.0
THUNDERSTRUCK	TF	87.0	80.0	56.7	49.3	30.0	32.7	16.7	13.7	15.3	16.0	24.7
PST-K13-137	KB	84.7	50.0	39.7	48.0	31.3	25.7	13.3	13.7	14.7	15.0	29.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		79.3	71.3	70.3	66.0	59.7	43.3	21.3	20.3	19.3	15.0	30.0
SUPERSONIC	TF	81.3	62.0	44.0	31.7	29.0	30.7	27.0	23.7	21.0	30.7	49.0
CATALYST	TF	86.0	70.7	60.0	48.7	34.0	30.0	19.7	10.3	11.7	12.0	22.0
GO-AOMK	TF	78.7	72.0	45.0	40.3	33.3	27.0	15.0	13.7	13.3	30.3	34.0
MRS L TF15	TF	79.7	58.3	50.0	46.3	33.3	28.0	20.7	13.3	13.7	17.7	29.3
TITANIUM 2LS	TF	82.3	62.3	51.7	47.7	34.7	27.3	18.7	16.3	15.7	18.0	27.0
DLFPS 321/3679	TF	78.0	74.0	53.0	46.0	33.7	26.0	14.7	9.3	12.0	15.0	20.0
LSD VALUE		40.3	40.4	58.4	50.5	46.8	39.5	29.5	23.1	23.1	42.8	55.1
C.V. (%)		10.7	21.1	29.8	28.6	35.8	34.5	45.5	49.6	39.6	62.3	44.2

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 2A. 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/
2020 DATA

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

NAME		PERCENT GREEN COVER DURING RECOVERY					11/2/20
		9/15/20	9/21/20	9/28/20	10/5/20	10/12/20	
DLFPS 321/3677	TF	49.3	55.0	61.3	61.0	59.7	65.7
PST-5SDS	TF	59.0	61.7	63.0	53.3	65.7	69.0
NONET	TF	51.7	59.7	59.7	50.7	63.0	61.3
BAR PP 110358	KB	61.7	60.7	65.0	65.3	64.7	78.7
BARROBUSTO	TF	47.3	46.0	57.7	60.0	64.7	64.0
PST-K13-141	KB	62.0	64.0	66.7	65.3	58.7	73.0
BLUE DEVIL	KB	61.7	64.3	73.7	63.7	62.7	71.3
EVEREST	KB	60.3	62.3	65.7	62.0	61.7	72.3
LTP-SYN-A3	TF	53.0	60.3	64.7	63.7	64.7	64.7
PST-K11-118	KB	56.7	57.0	62.7	62.0	55.3	61.3
PST-K13-143	KB	61.3	63.0	71.7	66.0	70.3	76.7
PST-K15-169	KB	56.7	60.3	64.0	61.0	60.7	64.3
BABE	KB	58.0	67.0	69.3	60.3	60.0	66.0
BARRARI	KB	62.0	66.7	69.0	64.0	60.7	71.0
BLUE NOTE	KB	59.7	59.7	67.7	69.0	64.7	70.7
DLFPS 321/3678	TF	55.7	57.3	61.0	56.3	59.0	66.3
KINGDOM	TF	56.7	56.3	59.3	56.3	56.0	68.0
MIDNIGHT	KB	56.0	68.0	67.7	67.3	65.0	67.3
RS4	TF	50.0	57.3	56.7	52.7	55.0	64.7
PST-R511	TF	54.7	64.7	66.3	61.3	60.0	73.7
THOR	TF	50.3	57.3	56.3	51.7	49.0	66.7
BAR FA 121095	TF	52.7	57.7	64.0	54.7	58.0	72.0
DAUNTLESS	KB	59.3	60.0	59.7	62.0	61.0	68.3
NAI-13-132	KB	57.0	53.7	65.3	62.3	57.3	63.7
NAI-13-14	KB	54.7	61.7	67.3	62.7	70.0	73.0
STETSON II	TF	45.0	54.0	57.0	53.7	56.7	70.3
THUNDERSTRUCK	TF	51.3	51.3	54.0	57.0	56.3	62.0
PST-K13-137	KB	50.0	52.3	55.3	62.3	55.0	70.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		60.3	68.3	69.3	69.0	66.7	66.3
SUPERSONIC	TF	57.3	59.0	62.7	55.0	56.0	61.7
CATALYST	TF	50.7	57.0	61.3	56.7	58.3	63.7
GO-AOMK	TF	60.7	61.0	53.0	46.3	55.0	61.0
MRSL TF15	TF	52.3	52.3	54.7	57.3	53.3	61.0
TITANIUM 2LS	TF	49.7	53.0	57.7	57.0	55.7	63.3
DLFPS 321/3679	TF	48.7	52.0	56.0	51.7	58.3	61.7
LSD VALUE		27.3	23.8	26.6	15.1	18.9	28.5
C.V. (%)		14.9	13.8	13.9	11.7	11.7	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 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 FORT COLLINS, CO 1/
2020 DATA

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

NAME		SPRING	WINTER	WINTER	WINTER	WINTER	WINTER	QUALITY	PRE-DROUGHT QUALITY		QUALITY	QUALITY
		GREENUP	QUALITY 1/9/20	QUALITY 3/5/20	QUALITY 4/8/20	QUALITY 4/28/20	QUALITY 5/12/20	QUALITY 5/20/20	QUALITY 5/26/20	QUALITY 6/1/20	QUALITY 6/8/20	QUALITY 6/15/20
THUNDERSTRUCK	TF	6.0	1.7	1.0	2.3	5.3	5.0	6.7	7.0	8.0	7.3	7.0
DAUNTLESS	KB	5.3	1.3	1.0	2.3	4.7	4.3	5.7	5.7	5.7	6.0	5.7
BARRARI	KB	5.0	2.0	1.3	2.3	4.7	4.3	6.0	5.3	5.7	6.3	5.7
PST-K13-141	KB	5.3	1.7	1.0	2.3	4.7	4.3	6.0	5.3	6.0	6.0	5.7
BABE	KB	5.3	1.7	1.0	2.7	4.7	4.7	5.7	5.3	6.3	6.3	5.7
PST-K11-118	KB	6.0	2.0	1.0	2.7	5.0	4.3	5.0	5.3	5.3	6.0	5.3
PST-K13-143	KB	5.3	2.0	1.0	2.7	4.7	4.7	4.7	5.0	5.7	5.0	5.0
BLUE DEVIL	KB	4.7	1.7	1.0	2.3	3.7	3.3	5.0	5.0	5.3	5.7	5.7
MRSL TF15	TF	6.0	1.7	1.0	2.3	5.7	5.0	6.3	6.3	7.3	7.0	6.7
BAR PP 110358	KB	5.3	2.0	1.0	2.7	5.0	4.3	5.3	5.7	6.0	6.7	6.3
BLUE NOTE	KB	5.0	1.7	1.0	2.3	4.3	4.7	5.0	5.3	5.7	6.3	5.0
CATALYST	TF	6.0	1.3	1.0	2.7	5.3	5.0	6.3	7.0	7.0	6.7	6.7
DLFPS 321/3677	TF	5.7	1.7	1.0	2.0	5.0	5.0	5.7	6.7	7.3	6.7	6.7
NAI-13-132	KB	4.0	2.0	1.0	2.0	3.0	3.3	5.0	4.3	4.7	5.0	5.3
STETSON II	TF	6.0	1.7	1.0	2.3	5.0	4.7	6.3	6.3	7.0	6.7	6.3
DLFPS 321/3679	TF	6.0	1.7	1.0	2.0	5.3	5.0	5.7	6.3	6.7	7.0	6.3
EVEREST	KB	5.0	2.0	1.0	2.3	4.0	4.3	5.0	4.7	5.0	4.7	4.7
NAI-13-14	KB	3.7	1.7	1.0	2.3	3.3	3.7	4.7	4.7	5.3	4.7	4.7
PST-5SDS	TF	5.7	1.7	1.0	2.0	5.0	4.7	6.0	6.7	6.3	7.0	6.3
PST-K13-137	KB	4.3	1.3	1.0	2.0	4.0	3.3	5.3	4.7	5.3	6.0	4.7
PST-K15-169	KB	4.7	1.7	1.0	2.0	3.7	4.0	5.3	5.7	6.0	5.7	5.3
BAR FA 121095	TF	5.3	1.7	1.0	2.0	5.0	5.3	6.3	6.3	7.0	6.3	6.7
BARROBUSTO	TF	5.7	1.7	1.0	2.3	5.0	4.3	6.3	6.7	7.0	6.7	6.0
DLFPS 321/3678	TF	5.3	1.7	1.0	2.0	5.3	4.7	6.0	5.7	6.7	6.0	6.0
KINGDOM	TF	5.7	1.7	1.0	2.0	5.0	5.0	6.7	6.7	7.0	7.0	6.3
LTP-SYN-A3	TF	6.0	1.7	1.0	2.7	5.0	4.7	6.0	6.7	7.7	7.0	7.3
PST-R511	TF	6.0	1.7	1.3	3.0	5.0	4.7	6.0	6.0	6.0	6.0	6.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.7	2.7	1.0	2.3	3.7	3.3	5.0	4.0	4.3	4.7	4.3
SUPERSONIC	TF	5.3	1.7	1.0	2.3	5.0	4.3	5.7	5.7	6.0	6.0	6.3
GO-AOMK	TF	5.0	1.7	1.0	2.0	4.7	4.7	6.0	6.0	6.7	6.3	6.3
NONET	TF	5.7	1.7	1.0	2.0	5.0	5.0	5.7	6.0	6.0	6.7	6.0
RS4	TF	5.3	1.7	1.0	2.0	5.0	4.7	5.7	5.3	6.7	6.3	6.3
THOR	TF	6.0	1.3	1.0	2.0	5.0	5.0	6.3	6.3	7.0	6.0	6.3
MIDNIGHT	KB	4.3	2.0	1.0	2.3	4.3	4.0	5.0	4.0	5.0	4.0	5.0
TITANIUM 2LS	TF	5.7	1.7	1.0	2.0	5.0	4.3	6.0	5.7	6.3	6.3	5.7
LSD VALUE		1.5	1.6	0.5	1.3	0.8	1.6	0.9	1.0	1.3	1.1	1.1
C.V. (%)		13.8	26.3	13.6	18.8	10.7	15.8	8.8	11.3	12.1	10.9	11.0

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

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

TABLE 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 FORT COLLINS, CO 1/
2020 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN										
		6/22/20	6/29/20	7/6/20	7/13/20	7/20/20	7/27/20	8/3/20	8/10/20	8/17/20	8/24/20	8/31/20
THUNDERSTRUCK	TF	7.7	6.3	4.7	4.7	4.3	4.3	4.3	4.3	4.3	4.0	4.7
DAUNTLESS	KB	6.0	6.7	5.0	5.3	5.7	5.3	5.3	5.3	5.3	4.7	5.0
BARRARI	KB	6.0	5.7	5.0	5.0	5.0	5.0	4.7	4.7	4.7	4.7	5.0
PST-K13-141	KB	6.0	6.3	4.7	5.3	5.3	5.0	4.7	4.7	4.7	4.3	5.0
BABE	KB	6.3	5.7	5.3	5.0	4.7	4.3	4.0	4.0	4.0	4.3	4.7
PST-K11-118	KB	6.3	6.0	5.0	5.0	4.7	4.3	4.7	4.7	4.7	4.3	5.0
PST-K13-143	KB	6.0	6.0	4.7	5.0	4.7	4.7	4.7	4.7	4.7	4.3	5.0
BLUE DEVIL	KB	6.0	6.0	5.3	5.3	5.7	5.0	4.3	4.3	4.3	4.7	4.7
MRS L TF15	TF	6.7	6.3	4.7	4.7	4.3	3.7	3.3	3.3	3.3	3.7	3.3
BAR PP 110358	KB	6.0	6.0	4.3	4.3	3.7	3.7	3.7	3.7	3.7	3.7	4.3
BLUE NOTE	KB	6.3	5.3	4.7	4.3	4.7	4.3	4.3	4.3	4.3	4.3	5.0
CATALYST	TF	7.0	6.3	4.3	4.3	3.7	3.0	3.0	3.0	3.0	3.7	4.0
DLFPS 321/3677	TF	6.7	6.0	5.0	4.7	4.3	3.7	3.3	3.3	3.3	3.7	4.0
NAI-13-132	KB	5.7	6.7	5.3	5.3	5.0	4.7	5.0	5.0	5.0	4.7	5.0
STETSON II	TF	7.0	6.0	5.0	4.3	4.0	3.3	3.3	3.3	3.3	3.7	3.3
DLFPS 321/3679	TF	6.3	6.7	3.7	4.0	3.7	3.3	3.3	3.3	3.3	3.7	4.3
EVEREST	KB	5.3	6.0	4.7	4.3	5.0	4.3	4.3	4.3	4.3	4.3	4.7
NAI-13-14	KB	5.7	5.7	4.7	5.0	4.7	4.7	4.7	4.7	4.7	4.3	4.7
PST-5SDS	TF	6.3	6.0	5.0	4.0	4.0	3.7	3.0	3.0	3.0	3.7	4.0
PST-K13-137	KB	5.7	6.0	5.0	5.0	5.0	5.0	4.3	4.3	4.3	4.3	4.3
PST-K15-169	KB	6.3	5.3	4.0	4.7	4.3	4.3	4.0	4.0	4.0	4.3	4.7
BAR FA 121095	TF	6.7	5.7	4.0	3.3	3.3	3.0	3.3	3.3	3.3	3.0	4.3
BARROBUSTO	TF	6.0	6.0	4.7	3.7	3.7	3.3	3.0	3.0	3.0	3.7	3.3
DLFPS 321/3678	TF	6.7	5.7	3.3	3.7	4.0	4.0	3.3	3.3	3.3	3.3	3.7
KINGDOM	TF	6.3	6.0	5.0	4.3	4.0	3.3	3.0	3.0	3.0	3.3	3.7
LTP-SYN-A3	TF	7.0	5.7	3.7	3.3	3.0	3.0	2.7	2.7	2.7	3.3	3.7
PST-R511	TF	6.0	6.0	4.0	4.0	3.3	3.0	3.3	3.3	3.3	3.3	4.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.3	5.3	5.0	5.7	5.0	4.7	4.0	4.0	4.0	4.3	4.3
SUPERSONIC	TF	6.7	6.3	4.3	3.3	3.7	3.0	3.0	3.0	3.0	3.7	3.7
GO-AOMK	TF	6.3	5.3	4.3	4.0	4.0	3.0	2.7	2.7	2.7	3.7	4.0
NONET	TF	6.0	5.3	4.0	3.7	4.0	2.7	3.0	3.0	3.0	3.7	3.7
RS4	TF	6.0	6.3	4.7	4.3	3.7	3.0	3.0	3.0	3.0	3.3	3.3
THOR	TF	6.3	6.0	4.0	4.0	3.7	3.3	3.0	3.0	3.0	3.0	3.3
MIDNIGHT	KB	5.7	5.3	4.3	4.0	4.3	3.7	3.3	3.3	3.3	3.7	4.0
TITANIUM 2LS	TF	6.3	5.7	3.7	3.7	3.7	3.0	3.0	3.0	3.0	3.0	3.7
LSD VALUE		1.3	2.7	4.4	1.4	1.4	1.5	1.2	1.2	1.2	1.2	0.9
C.V. (%)		9.6	12.4	23.9	16.2	17.0	20.5	18.9	18.9	18.9	15.5	12.1

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

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

TABLE 2B. 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/
 2020 DATA

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

NAME		QUALITY RATINGS DURING RECOVERY PERIOD						MEAN
		9/15/20	9/21/20	9/28/20	10/5/20	10/12/20	11/2/20	
THUNDERSTRUCK	TF	5.3	5.7	5.3	3.7	4.7	5.3	5.0
DAUNTLESS	KB	5.3	5.3	5.7	5.0	5.3	5.0	4.9
BARRARI	KB	5.0	5.3	5.0	5.3	5.0	5.3	4.8
PST-K13-141	KB	5.3	5.3	5.7	4.7	5.3	5.3	4.8
BABE	KB	5.0	5.0	5.3	4.7	5.0	5.0	4.7
PST-K11-118	KB	5.0	5.0	5.7	4.7	5.3	5.3	4.7
PST-K13-143	KB	5.3	5.0	5.3	5.0	5.7	5.3	4.7
BLUE DEVIL	KB	5.3	5.0	5.0	4.7	5.0	5.0	4.6
MRSL TF15	TF	5.0	5.3	4.7	3.7	4.3	4.3	4.6
BAR PP 110358	KB	5.0	5.3	5.7	4.7	5.3	5.3	4.5
BLUE NOTE	KB	5.0	5.0	5.0	4.7	5.0	5.0	4.5
CATALYST	TF	4.3	5.0	5.3	3.7	4.3	4.7	4.5
DLFPS 321/3677	TF	4.3	5.0	4.7	3.7	4.3	4.7	4.5
NAI-13-132	KB	5.7	5.0	5.0	4.3	4.7	5.0	4.5
STETSON II	TF	4.7	4.3	5.3	4.0	5.0	4.7	4.5
DLFPS 321/3679	TF	4.7	4.7	4.7	3.3	4.7	4.3	4.4
EVEREST	KB	5.0	4.7	5.7	4.7	5.0	5.3	4.4
NAI-13-14	KB	5.7	5.0	4.7	4.7	5.0	5.3	4.4
PST-5SDS	TF	4.7	4.7	4.7	3.7	4.3	4.3	4.4
PST-K13-137	KB	5.0	4.7	5.0	4.3	4.7	5.0	4.4
PST-K15-169	KB	5.0	4.7	5.3	4.7	5.0	5.0	4.4
BAR FA 121095	TF	4.7	4.3	4.3	3.3	4.0	4.7	4.3
BARROBUSTO	TF	4.0	4.7	5.0	3.3	4.0	4.7	4.3
DLFPS 321/3678	TF	4.7	5.0	5.0	3.7	4.3	5.0	4.3
KINGDOM	TF	3.7	4.0	4.7	3.0	3.7	4.3	4.3
LTP-SYN-A3	TF	4.7	4.7	5.7	3.3	4.3	4.3	4.3
PST-R511	TF	5.0	5.0	5.0	4.0	4.3	5.0	4.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.7	5.0	6.0	4.3	5.0	5.7	4.3
SUPERSONIC	TF	4.7	5.0	4.7	4.0	5.0	5.0	4.3
GO-AOMK	TF	4.3	4.7	5.0	3.3	4.7	4.7	4.2
NONET	TF	4.7	4.3	4.7	3.7	4.3	4.7	4.2
RS4	TF	3.7	4.7	4.0	3.7	4.0	4.3	4.2
THOR	TF	4.0	4.3	4.3	3.3	3.7	4.0	4.2
MIDNIGHT	KB	5.0	5.3	5.3	4.0	4.7	5.0	4.1
TITANIUM 2LS	TF	4.7	5.0	4.3	3.7	4.3	4.7	4.1
LSD VALUE		1.1	2.4	2.3	1.0	1.3	1.7	1.2
C.V. (%)		11.5	13.6	15.0	14.0	12.9	12.2	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 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 FORT COLLINS, CO 1/
2020 DATA

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

NAME		WINTER % COVER			PRE-DROUGHT PERCENT COVER RATINGS			
		4/8/20	5/12/20	5/20/20	5/26/20	6/1/20	6/8/20	6/15/20
THUNDERSTRUCK	TF	40.7	85.0	94.7	90.0	90.0	8.7	89.0
DAUNTLESS	KB	43.0	66.0	83.0	75.0	77.3	8.3	84.0
BARRARI	KB	42.0	69.7	82.3	76.0	86.7	8.0	85.3
PST-K13-141	KB	42.7	68.3	88.3	77.3	76.0	7.7	79.3
BABE	KB	41.0	73.7	88.7	81.7	86.0	8.0	88.7
PST-K11-118	KB	44.7	72.3	87.0	80.7	83.7	7.3	87.3
PST-K13-143	KB	44.0	74.3	88.3	79.7	84.0	7.7	85.3
BLUE DEVIL	KB	29.7	65.0	84.7	62.0	70.0	8.0	80.7
MRSL TF15	TF	35.7	71.0	92.0	89.0	88.3	8.7	86.7
BAR PP 110358	KB	44.3	77.7	89.7	86.0	89.0	8.7	89.0
BLUE NOTE	KB	44.3	69.7	89.0	80.0	83.0	8.3	84.7
CATALYST	TF	37.3	75.7	92.3	91.7	84.7	8.3	89.7
DLFPS 321/3677	TF	37.3	79.7	93.0	85.7	90.0	8.0	87.3
NAI-13-132	KB	32.7	56.0	73.0	63.0	66.3	7.3	72.7
STETSON II	TF	34.0	72.3	93.0	88.3	88.0	7.7	87.7
DLFPS 321/3679	TF	38.7	75.0	92.7	89.7	85.3	8.3	87.7
EVEREST	KB	36.7	67.7	85.7	74.3	80.3	7.3	79.0
NAI-13-14	KB	35.3	61.7	80.7	62.7	69.0	7.3	73.3
PST-5SDS	TF	34.7	73.7	92.0	87.3	85.0	8.0	82.7
PST-K13-137	KB	34.0	63.0	82.3	73.3	78.7	7.3	80.0
PST-K15-169	KB	29.0	67.7	86.7	76.7	72.3	8.0	80.3
BAR FA 121095	TF	29.3	79.3	90.3	83.3	89.0	8.3	82.0
BARROBUSTO	TF	36.0	72.0	93.7	88.0	90.0	8.0	87.3
DLFPS 321/3678	TF	32.3	70.7	90.3	80.3	84.3	8.0	86.0
KINGDOM	TF	33.7	79.3	90.3	89.0	89.0	8.3	88.0
LTP-SYN-A3	TF	37.0	76.0	93.0	91.0	91.3	8.7	90.3
PST-R511	TF	44.3	79.3	90.0	87.7	87.7	8.0	88.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		31.3	66.0	81.3	64.0	71.0	7.0	77.3
SUPERSONIC	TF	40.3	69.0	90.0	82.0	87.0	8.0	87.0
GO-AOMK	TF	31.7	71.3	90.0	85.7	83.3	8.0	87.3
NONET	TF	36.7	70.7	90.0	88.3	87.0	8.3	88.0
RS4	TF	36.7	74.3	90.3	87.3	78.7	8.0	83.0
THOR	TF	32.7	79.3	90.0	81.3	88.0	8.0	88.0
MIDNIGHT	KB	33.3	69.7	85.0	63.0	64.0	7.0	74.3
TITANIUM 2LS	TF	34.7	69.0	87.7	87.3	86.3	8.0	82.7
LSD VALUE		23.2	13.4	8.6	12.8	12.8	2.5	12.1
C.V. (%)		20.6	9.4	5.3	9.5	8.8	9.7	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 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 FORT COLLINS, CO 1/
2020 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN RATINGS										
		6/22/20	6/29/20	7/6/20	7/13/20	7/20/20	7/27/20	8/3/20	8/10/20	8/17/20	8/24/20	8/31/20
THUNDERSTRUCK	TF	90.3	82.7	77.7	74.3	65.3	61.0	56.7	48.0	54.7	63.7	60.3
DAUNTLESS	KB	89.3	86.7	69.3	79.0	76.7	74.0	75.0	63.3	71.0	75.7	78.0
BARRARI	KB	89.3	79.3	75.0	72.7	78.3	68.7	63.7	66.0	60.3	65.0	69.3
PST-K13-141	KB	90.3	77.3	68.7	77.0	77.0	66.7	64.3	61.3	72.3	74.7	69.7
BABE	KB	91.3	81.7	66.7	72.7	69.3	64.3	60.7	49.3	52.7	67.3	71.0
PST-K11-118	KB	87.3	84.7	76.0	81.3	72.7	66.0	67.7	63.3	57.3	70.7	72.3
PST-K13-143	KB	89.0	82.3	69.7	72.3	71.7	63.3	57.0	56.0	61.7	66.0	74.0
BLUE DEVIL	KB	86.0	86.0	75.7	80.7	76.0	71.7	65.7	66.3	65.7	73.7	68.7
MRS L TF15	TF	89.7	83.7	63.3	69.7	58.3	56.3	46.0	38.0	40.0	44.7	50.7
BAR PP 110358	KB	89.3	72.7	59.0	61.3	44.3	56.7	46.7	36.7	37.7	54.0	60.3
BLUE NOTE	KB	91.0	88.3	75.0	80.0	64.3	70.0	53.7	52.7	65.7	66.7	68.0
CATALYST	TF	88.7	84.3	69.0	71.0	56.0	44.3	44.3	28.7	36.0	48.0	52.7
DLFPS 321/3677	TF	89.7	81.7	72.7	74.0	69.7	51.7	43.3	37.0	48.0	52.7	51.0
NAI-13-132	KB	85.3	87.3	80.3	79.3	79.3	70.3	67.7	68.7	65.7	75.0	70.0
STETSON II	TF	89.7	85.0	79.0	67.0	60.3	48.3	50.3	31.3	45.7	60.7	54.0
DLFPS 321/3679	TF	88.7	87.7	56.7	66.0	52.3	49.7	44.7	36.7	45.0	46.3	51.3
EVEREST	KB	88.7	76.7	72.0	71.7	68.0	59.0	67.3	54.3	51.0	65.7	67.7
NAI-13-14	KB	88.7	85.3	75.0	75.7	75.3	69.0	60.3	64.7	62.7	68.7	61.3
PST-5SDS	TF	88.0	87.0	67.3	61.7	56.0	50.0	42.0	32.7	47.3	48.7	44.7
PST-K13-137	KB	87.0	86.0	68.7	78.0	74.7	69.7	54.0	55.3	54.7	65.0	65.0
PST-K15-169	KB	88.7	69.0	68.0	67.3	67.7	62.7	63.3	61.7	52.7	68.3	66.3
BAR FA 121095	TF	89.0	80.0	61.7	65.3	57.0	36.7	38.3	29.3	41.7	51.0	52.3
BARROBUSTO	TF	89.0	81.3	64.3	56.7	53.0	43.3	44.3	37.7	38.3	38.7	36.7
DLFPS 321/3678	TF	87.7	71.3	52.3	67.0	63.7	51.7	48.7	37.7	40.0	52.7	51.0
KINGDOM	TF	88.3	80.7	65.0	63.0	53.3	48.0	42.3	35.7	38.3	38.7	46.3
LTP-SYN-A3	TF	91.0	85.7	54.7	51.3	43.7	49.0	40.0	35.0	36.0	41.7	40.7
PST-R511	TF	88.7	78.3	59.3	60.7	53.0	49.0	46.3	33.7	34.3	58.3	56.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		87.3	80.0	75.3	81.3	77.0	70.7	62.0	61.3	62.0	62.7	73.7
SUPERSONIC	TF	91.7	78.3	55.7	56.3	44.3	45.0	44.0	38.7	41.7	54.3	50.0
GO-AOMK	TF	89.0	78.7	69.7	65.7	51.7	48.3	41.3	32.3	42.0	43.3	48.0
NONET	TF	88.7	73.0	61.3	69.0	58.3	48.3	52.0	33.3	41.3	52.7	56.0
RS4	TF	90.3	78.0	56.3	63.0	59.7	37.7	41.7	34.0	39.0	39.0	45.0
THOR	TF	89.0	69.0	59.0	62.3	56.7	48.0	38.7	32.3	34.3	41.7	44.3
MIDNIGHT	KB	88.0	72.7	53.7	63.7	49.0	52.3	48.0	46.3	49.3	54.7	56.7
TITANIUM 2LS	TF	89.3	79.3	61.7	57.7	50.0	48.7	42.0	37.0	41.3	40.7	50.3
LSD VALUE		7.3	29.2	33.5	18.4	27.2	20.7	18.2	18.2	25.6	28.7	20.5
C.V. (%)		2.6	11.2	17.9	13.4	21.0	19.8	19.6	24.1	26.2	24.6	19.3

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

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

TABLE 2B. 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/
2020 DATA

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

NAME		PERCENT GREEN COVER DURING RECOVERY					11/2/20
		9/15/20	9/21/20	9/28/20	10/5/20	10/12/20	
THUNDERSTRUCK	TF	74.0	72.3	65.3	40.3	54.7	61.0
DAUNTLESS	KB	84.0	81.7	83.3	61.7	63.0	65.0
BARRARI	KB	85.0	82.7	78.7	70.7	59.3	73.7
PST-K13-141	KB	82.3	76.3	80.3	71.0	61.7	74.3
BABE	KB	76.7	78.7	76.7	61.3	60.7	73.3
PST-K11-118	KB	79.3	78.3	81.0	66.0	64.3	76.0
PST-K13-143	KB	77.7	82.7	80.0	72.3	69.7	74.0
BLUE DEVIL	KB	73.7	79.0	74.7	56.0	68.3	71.0
MRSL TF15	TF	67.0	68.0	52.7	28.7	41.0	55.3
BAR PP 110358	KB	77.0	77.3	76.3	62.0	61.7	68.0
BLUE NOTE	KB	81.7	80.3	83.0	70.0	68.3	80.7
CATALYST	TF	64.3	71.0	68.7	51.7	49.3	63.3
DLFPS 321/3677	TF	63.3	68.7	61.7	38.3	46.0	57.3
NAI-13-132	KB	74.3	74.7	73.3	61.3	62.0	64.3
STETSON II	TF	67.3	65.7	65.3	42.0	51.3	62.7
DLFPS 321/3679	TF	67.7	71.0	63.7	42.7	55.3	60.7
EVEREST	KB	75.7	72.3	73.7	61.0	59.3	70.0
NAI-13-14	KB	81.0	79.7	74.3	60.7	71.3	72.7
PST-5SDS	TF	61.0	66.0	63.7	45.3	46.3	60.7
PST-K13-137	KB	69.3	76.3	69.7	56.7	57.3	69.0
PST-K15-169	KB	76.0	75.3	77.0	65.0	62.0	66.0
BAR FA 121095	TF	64.3	67.7	61.3	38.3	44.3	60.0
BARROBUSTO	TF	60.0	64.0	59.7	39.7	47.3	62.0
DLFPS 321/3678	TF	68.0	65.0	65.0	40.7	49.0	64.0
KINGDOM	TF	58.7	63.3	60.3	44.3	48.0	58.3
LTP-SYN-A3	TF	60.7	67.7	69.0	50.0	50.7	60.7
PST-R511	TF	73.7	71.0	68.7	54.0	52.3	65.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		76.0	78.7	78.3	61.0	63.0	77.0
SUPERSONIC	TF	65.0	70.7	63.7	40.0	52.7	70.3
GO-AOMK	TF	61.7	69.3	62.3	45.7	48.7	59.7
NONET	TF	62.0	66.3	66.3	49.0	47.3	57.7
RS4	TF	62.7	67.0	58.7	42.0	54.3	63.3
THOR	TF	63.0	64.0	58.0	35.3	44.3	60.0
MIDNIGHT	KB	70.3	76.7	67.0	59.3	61.7	73.0
TITANIUM 2LS	TF	66.3	67.0	58.0	33.0	44.0	66.7
LSD VALUE		13.8	10.9	11.9	16.1	12.9	13.4
C.V. (%)		10.9	8.3	10.3	19.0	13.6	10.7

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

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

TABLE 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 FORT COLLINS, CO 1/
2020 DATA

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

NAME		SPRING GREENUP	WINTER QUALITY 1/9/20	WINTER QUALITY 3/5/20	WINTER QUALITY 4/8/20	WINTER QUALITY 4/28/20	WINTER QUALITY 5/12/20	QUALITY 5/20/20	PRE-DROUGHT QUALITY 5/26/20	QUALITY 6/1/20	QUALITY 6/8/20	QUALITY 6/15/20
PST-5SDS	TF	6.0	1.3	1.0	2.0	5.0	5.3	7.0	7.0	7.3	7.7	6.7
DLFPS 321/3679	TF	5.3	1.0	1.3	2.0	5.3	5.0	6.7	6.7	7.0	7.0	6.0
KINGDOM	TF	5.3	1.3	1.3	2.0	4.7	5.3	7.0	6.7	7.3	6.0	6.0
THOR	TF	5.7	1.3	1.0	2.0	5.3	5.0	7.0	6.7	7.3	6.3	6.3
BAR FA 121095	TF	5.3	1.0	1.0	2.0	4.3	6.0	7.0	7.3	7.7	7.0	7.0
DLFPS 321/3678	TF	5.7	2.0	1.0	2.0	5.0	5.3	6.7	6.3	7.0	6.3	6.3
BARROBUSTO	TF	5.7	1.3	1.0	2.0	5.3	5.0	6.7	6.0	6.7	6.3	6.0
CATALYST	TF	5.3	1.3	1.0	2.3	5.3	5.7	6.7	6.7	7.0	7.0	6.7
LTP-SYN-A3	TF	6.0	1.7	1.0	2.0	5.7	5.7	6.7	6.7	7.3	7.0	6.7
NONET	TF	5.3	1.0	1.0	2.0	5.0	5.7	7.0	7.0	7.7	6.7	6.3
STETSON II	TF	5.7	1.0	1.0	2.0	5.3	5.3	6.7	6.7	7.3	7.0	6.7
SUPERSONIC	TF	5.3	1.7	1.0	2.0	5.3	5.7	6.3	7.0	7.3	6.3	6.3
MRSL TF15	TF	5.3	1.0	1.0	2.0	5.0	5.3	6.7	7.0	7.0	7.0	6.7
PST-K13-143	KB	5.3	2.0	1.0	2.3	5.0	5.0	5.3	5.7	6.3	6.0	5.7
DLFPS 321/3677	TF	5.3	1.0	1.0	2.0	5.3	5.0	6.7	6.3	7.0	6.3	6.0
PST-K11-118	KB	6.0	1.7	1.0	2.7	5.0	4.7	5.7	5.7	6.0	6.3	6.3
PST-R511	TF	5.7	1.7	1.0	2.0	5.3	5.3	6.7	6.0	6.0	6.0	6.0
BABE	KB	4.7	1.7	1.0	2.0	4.7	4.3	5.7	5.0	6.0	6.0	6.0
BARRARI	KB	4.7	2.0	1.0	2.0	4.3	4.0	5.7	4.7	5.7	5.7	5.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.3	2.3	1.0	2.0	3.3	3.3	5.3	3.7	3.7	4.7	4.0
THUNDERSTRUCK	TF	5.0	1.0	1.0	2.0	5.0	5.0	6.7	6.7	6.7	6.0	5.7
GO-AOMK	TF	4.3	1.0	1.0	2.0	4.7	4.7	6.7	6.3	6.0	5.7	5.3
PST-K13-141	KB	4.3	1.7	1.0	2.0	4.0	4.3	5.3	5.0	5.3	5.3	5.0
BAR PP 110358	KB	4.7	1.7	1.0	2.0	4.3	3.7	5.3	4.7	5.3	5.0	5.7
BLUE DEVIL	KB	4.7	1.7	1.0	2.0	4.0	3.7	4.7	5.0	5.3	4.7	5.0
BLUE NOTE	KB	5.3	2.0	1.0	2.0	4.7	4.7	5.7	4.7	5.0	5.0	5.3
DAUNTLESS	KB	4.3	1.7	1.0	2.0	4.7	4.3	5.3	4.7	5.3	5.3	5.3
RS4	TF	5.3	1.3	1.0	2.0	5.0	5.0	6.3	6.0	7.0	6.0	5.7
TITANIUM 2LS	TF	5.7	1.3	1.0	2.0	4.7	5.0	6.3	6.3	6.7	6.3	5.7
EVEREST	KB	4.3	1.3	1.0	2.0	4.0	3.7	4.7	4.3	4.7	5.3	4.7
MIDNIGHT	KB	4.3	1.7	1.0	2.0	3.7	3.7	4.7	3.7	5.0	4.3	4.3
NAI-13-14	KB	4.0	1.7	1.0	2.0	3.7	4.0	4.7	4.3	4.7	4.3	4.7
PST-K13-137	KB	4.3	1.7	1.0	2.0	3.7	3.7	5.3	4.3	5.7	6.0	5.0
NAI-13-132	KB	4.0	1.3	1.0	2.0	4.0	3.3	5.0	4.7	4.3	4.7	4.7
PST-K15-169	KB	3.7	1.3	1.0	2.0	4.0	3.3	4.3	4.7	5.0	4.3	4.7
LSD VALUE		1.0	0.9	0.5	0.4	0.7	0.9	0.8	1.1	1.3	1.5	1.5
C.V. (%)		12.0	28.5	13.3	8.4	9.9	12.2	9.1	11.9	13.3	14.5	14.0

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

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

TABLE 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 FORT COLLINS, CO 1/
2020 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN										
		6/22/20	6/29/20	7/6/20	7/13/20	7/20/20	7/27/20	8/3/20	8/10/20	8/17/20	8/24/20	8/31/20
PST-5SDS	TF	6.7	7.0	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.0	5.7
DLFPS 321/3679	TF	7.0	6.7	6.0	6.7	6.0	6.0	5.7	5.7	5.7	5.7	5.7
KINGDOM	TF	6.7	5.7	5.7	6.3	6.7	6.3	5.7	5.7	5.7	5.3	5.7
THOR	TF	7.0	6.0	5.7	5.7	5.7	5.7	5.3	5.3	5.3	5.0	5.3
BAR FA 121095	TF	7.0	6.7	6.0	6.3	6.0	5.3	4.3	4.3	4.3	5.0	5.0
DLFPS 321/3678	TF	6.7	6.7	6.3	6.3	6.0	5.7	5.0	5.0	5.0	4.7	5.0
BARROBUSTO	TF	6.0	6.3	5.7	5.0	5.7	5.7	5.7	5.7	5.7	4.7	5.3
CATALYST	TF	6.7	6.0	5.0	5.0	5.3	5.3	5.0	5.0	5.0	5.0	5.3
LTP-SYN-A3	TF	7.0	6.3	5.3	5.3	5.3	5.0	5.0	5.0	5.0	4.3	4.7
NONET	TF	6.7	6.7	5.7	5.3	5.3	5.7	4.7	4.7	4.7	4.3	4.7
STETSON II	TF	7.0	6.7	5.7	5.7	5.0	5.3	4.7	4.7	4.7	4.0	4.0
SUPERSONIC	TF	6.7	6.7	5.7	5.3	4.7	4.7	4.3	4.3	4.3	4.3	4.3
MRSL TF15	TF	6.7	5.7	5.0	5.0	5.0	4.7	4.3	4.3	4.3	4.0	4.3
PST-K13-143	KB	6.0	6.0	5.0	5.3	5.3	5.0	5.3	5.3	5.3	5.3	5.0
DLFPS 321/3677	TF	7.0	6.0	5.0	5.0	5.0	5.0	4.7	4.7	4.7	4.7	4.7
PST-K11-118	KB	5.7	6.0	5.0	5.3	4.7	5.0	4.7	4.7	4.7	5.0	5.0
PST-R511	TF	6.3	6.0	4.3	5.0	5.0	4.7	5.0	5.0	5.0	4.0	4.7
BABE	KB	5.7	5.7	5.0	5.7	5.3	5.0	5.0	5.0	5.0	5.3	5.0
BARRARI	KB	6.0	5.7	4.7	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.7	5.7	5.3	5.7	5.3	5.7	5.0	5.0	5.0	5.7	5.3
THUNDERSTRUCK	TF	6.7	6.3	4.7	5.0	4.7	5.0	4.3	4.3	4.3	4.3	4.7
GO-AOMK	TF	6.3	5.7	5.3	5.3	5.3	4.7	4.7	4.7	4.7	3.7	4.0
PST-K13-141	KB	6.0	5.3	5.0	5.3	5.0	5.0	5.0	5.0	5.0	5.0	5.0
BAR PP 110358	KB	6.0	5.7	4.3	5.3	4.7	4.7	5.0	5.0	5.0	4.3	5.3
BLUE DEVIL	KB	6.3	5.7	4.7	5.3	5.3	5.0	5.0	5.0	5.0	4.3	5.0
BLUE NOTE	KB	5.7	5.3	4.7	5.0	4.7	5.0	4.7	4.7	4.7	5.3	5.0
DAUNTLESS	KB	6.0	5.7	4.0	4.7	5.0	4.7	5.0	5.0	5.0	5.0	5.0
RS4	TF	6.3	6.0	5.0	4.3	4.7	4.3	4.0	4.0	4.0	3.7	4.3
TITANIUM 2LS	TF	6.0	5.3	4.3	4.0	4.0	4.0	4.3	4.3	4.3	3.3	3.7
EVEREST	KB	5.3	5.3	5.0	4.7	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MIDNIGHT	KB	5.0	5.0	4.7	5.7	5.3	5.3	5.0	5.0	5.0	5.0	5.0
NAI-13-14	KB	4.7	5.7	5.0	5.3	5.3	5.0	5.0	5.0	5.0	5.3	5.0
PST-K13-137	KB	5.7	5.7	5.3	5.0	5.0	4.7	4.7	4.7	4.7	4.3	4.7
NAI-13-132	KB	5.3	5.7	4.3	4.7	4.7	4.7	4.0	4.0	4.0	4.3	4.7
PST-K15-169	KB	6.0	5.7	4.7	4.3	4.7	4.3	4.0	4.0	4.0	4.0	4.7
LSD VALUE		1.7	1.7	3.1	3.1	3.2	4.0	3.4	3.4	3.4	2.0	2.5
C.V. (%)		12.5	11.4	18.4	18.2	17.6	19.8	18.3	18.3	18.3	17.4	16.0

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

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

TABLE 2C. 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/
 2020 DATA

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

NAME		QUALITY RATINGS DURING RECOVERY PERIOD						MEAN
		9/15/20	9/21/20	9/28/20	10/5/20	10/12/20	11/2/20	
PST-5SDS	TF	5.7	6.3	6.3	4.3	6.0	6.0	5.5
DLFPS 321/3679	TF	5.3	5.7	5.3	4.0	5.7	5.7	5.4
KINGDOM	TF	5.3	5.7	5.7	4.3	5.3	5.7	5.4
THOR	TF	6.0	6.0	6.3	5.0	6.3	5.3	5.4
BAR FA 121095	TF	5.0	6.0	5.7	3.7	5.7	5.3	5.3
DLFPS 321/3678	TF	5.0	6.0	6.0	5.0	5.3	5.3	5.3
BARROBUSTO	TF	5.7	5.7	5.3	5.3	5.7	5.3	5.2
CATALYST	TF	5.7	6.0	5.7	3.7	5.0	5.3	5.2
LTP-SYN-A3	TF	5.0	5.7	6.3	4.7	5.7	5.7	5.2
NONET	TF	5.0	5.7	5.3	4.7	5.7	5.3	5.2
STETSON II	TF	5.0	5.3	6.0	5.0	6.0	5.3	5.1
SUPERSONIC	TF	5.3	5.7	6.0	5.0	6.3	5.3	5.1
MRSL TF15	TF	5.0	5.3	6.0	5.0	6.0	5.3	5.0
PST-K13-143	KB	5.0	5.0	5.3	5.3	5.3	5.0	5.0
DLFPS 321/3677	TF	5.0	5.3	5.3	4.7	5.3	5.7	4.9
PST-K11-118	KB	5.0	5.0	5.3	5.7	5.7	5.3	4.9
PST-R511	TF	5.0	5.3	6.3	5.3	5.3	5.0	4.9
BABE	KB	5.0	4.7	5.3	4.3	5.3	5.3	4.8
BARRARI	KB	5.0	5.3	6.0	5.3	5.3	5.3	4.8
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.3	6.3	7.0	5.3	6.3	6.3	4.8
THUNDERSTRUCK	TF	4.7	5.3	5.3	4.0	5.3	5.3	4.8
GO-AOMK	TF	4.3	4.7	5.0	4.0	5.3	5.0	4.7
PST-K13-141	KB	5.3	5.0	5.7	5.0	5.0	5.3	4.7
BAR PP 110358	KB	5.0	5.0	5.0	4.7	4.7	5.0	4.6
BLUE DEVIL	KB	5.0	4.7	5.3	4.7	5.0	4.7	4.6
BLUE NOTE	KB	5.0	5.0	5.3	5.0	5.3	5.0	4.6
DAUNTLESS	KB	5.0	5.0	5.3	4.7	5.3	5.0	4.6
RS4	TF	4.7	5.0	5.0	4.7	4.7	5.0	4.6
TITANIUM 2LS	TF	4.7	5.0	5.7	4.7	5.3	5.0	4.6
EVEREST	KB	5.0	4.7	6.0	5.0	5.3	5.3	4.5
MIDNIGHT	KB	5.3	5.0	5.7	5.0	5.0	4.3	4.5
NAI-13-14	KB	5.3	5.0	5.0	5.0	4.7	5.3	4.5
PST-K13-137	KB	5.3	4.7	5.0	4.7	4.7	5.0	4.5
NAI-13-132	KB	5.3	4.7	5.3	4.7	5.0	5.0	4.2
PST-K15-169	KB	5.0	4.7	5.3	4.7	5.0	4.7	4.2
LSD VALUE		3.0	2.7	2.9	1.5	1.8	1.9	1.2
C.V. (%)		14.7	15.9	15.0	13.6	12.5	11.6	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 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 FORT COLLINS, CO 1/
2020 DATA

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

NAME		WINTER % COVER			PRE-DROUGHT	PERCENT COVER RATINGS		6/15/20
		4/8/20	5/12/20	5/20/20	5/26/20	6/1/20	6/8/20	
PST-5SDS	TF	26.7	83.7	95.3	90.7	90.7	9.0	89.3
DLFPS 321/3679	TF	27.7	83.3	99.0	87.7	90.0	8.0	88.7
KINGDOM	TF	22.3	82.7	93.3	90.3	86.0	8.0	86.3
THOR	TF	20.0	80.7	94.0	89.0	88.7	8.3	89.7
BAR FA 121095	TF	18.7	83.3	96.0	92.7	90.3	8.0	90.3
DLFPS 321/3678	TF	26.3	86.7	92.3	89.3	89.7	8.3	86.7
BARROBUSTO	TF	27.7	81.7	92.0	88.0	84.7	8.0	87.7
CATALYST	TF	31.7	81.7	93.3	90.3	86.0	8.3	83.3
LTP-SYN-A3	TF	29.7	84.7	95.0	90.7	83.3	8.7	85.3
NONET	TF	25.0	85.0	94.7	86.0	90.3	8.0	89.0
STETSON II	TF	24.0	88.0	94.0	89.0	89.7	7.7	88.7
SUPERSONIC	TF	27.7	82.0	91.7	93.0	87.7	7.7	85.7
MRSL TF15	TF	23.7	81.0	94.0	92.0	87.7	8.3	87.0
PST-K13-143	KB	37.3	78.3	87.0	81.0	87.3	8.3	82.7
DLFPS 321/3677	TF	23.3	80.7	95.7	88.0	90.0	7.7	86.7
PST-K11-118	KB	38.3	76.0	90.3	80.3	86.7	8.0	85.0
PST-R511	TF	31.0	83.0	93.3	87.7	81.0	7.3	85.0
BABE	KB	25.3	71.7	83.0	69.0	68.3	7.7	83.3
BARRARI	KB	28.3	65.0	86.7	68.7	75.0	8.0	78.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		33.3	61.3	72.3	54.0	64.0	6.7	75.0
THUNDERSTRUCK	TF	21.0	72.3	94.7	83.0	87.0	8.0	87.0
GO-AOMK	TF	22.0	79.3	90.3	89.0	82.0	8.0	82.7
PST-K13-141	KB	24.3	67.3	86.7	73.0	63.7	7.0	73.3
BAR PP 110358	KB	26.0	64.3	85.7	65.0	64.3	6.3	73.7
BLUE DEVIL	KB	22.7	65.0	85.0	70.0	64.7	6.3	65.0
BLUE NOTE	KB	33.7	73.7	80.0	72.3	68.7	8.0	79.7
DAUNTLESS	KB	22.0	72.0	82.3	67.3	76.7	7.3	79.7
RS4	TF	25.0	75.7	91.3	81.3	78.0	7.7	81.0
TITANIUM 2LS	TF	25.0	79.0	92.0	87.3	88.0	8.0	78.7
EVEREST	KB	16.0	62.7	78.3	59.0	63.3	6.0	74.3
MIDNIGHT	KB	19.7	64.0	83.7	59.3	63.0	6.3	70.3
NAI-13-14	KB	23.0	68.7	72.3	62.0	61.7	6.7	68.3
PST-K13-137	KB	23.0	68.0	81.7	65.3	71.0	6.7	75.7
NAI-13-132	KB	19.3	62.3	77.0	58.7	61.3	6.7	65.7
PST-K15-169	KB	23.7	60.3	83.3	67.0	66.7	7.3	82.7
LSD VALUE		11.8	8.2	9.6	12.4	9.7	2.1	13.4
C.V. (%)		22.9	7.1	6.5	10.1	8.0	12.4	9.0

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

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

TABLE 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 FORT COLLINS, CO 1/
2020 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN RATINGS										
		6/22/20	6/29/20	7/6/20	7/13/20	7/20/20	7/27/20	8/3/20	8/10/20	8/17/20	8/24/20	8/31/20
PST-5SDS	TF	93.0	90.3	80.0	78.3	80.0	74.0	75.0	72.0	74.7	76.7	68.7
DLFPS 321/3679	TF	92.0	89.0	83.7	86.3	89.7	79.3	80.0	74.0	75.3	80.0	76.7
KINGDOM	TF	89.7	87.0	87.0	86.3	89.0	80.3	78.0	68.0	69.7	78.0	73.7
THOR	TF	88.3	82.3	85.7	86.7	83.0	79.3	77.0	77.7	76.3	76.7	70.7
BAR FA 121095	TF	92.0	85.0	84.3	77.3	85.3	74.7	71.0	65.3	67.7	71.3	59.0
DLFPS 321/3678	TF	90.3	87.3	85.3	86.3	83.0	73.7	74.3	69.0	64.3	74.0	56.3
BARROBUSTO	TF	89.7	85.7	70.7	70.7	73.0	77.0	71.3	69.7	58.7	71.0	62.7
CATALYST	TF	87.7	73.7	70.3	76.0	74.3	70.3	76.0	67.3	70.0	77.7	74.3
LTP-SYN-A3	TF	91.0	80.0	70.7	72.3	73.0	70.0	73.3	60.0	60.7	63.3	62.7
NONET	TF	91.3	86.0	80.7	75.0	80.3	76.3	73.3	64.0	65.7	69.7	61.7
STETSON II	TF	90.0	88.7	77.0	78.3	73.7	68.0	64.3	62.0	64.3	63.0	56.3
SUPERSONIC	TF	91.3	80.0	77.7	76.7	76.3	74.3	70.3	62.0	66.0	68.7	65.0
MRSL TF15	TF	88.0	83.3	73.7	77.7	78.3	72.0	69.0	63.3	53.3	62.3	60.7
PST-K13-143	KB	91.0	84.3	75.0	83.3	87.7	79.0	79.7	75.0	80.7	85.7	81.7
DLFPS 321/3677	TF	88.7	79.7	77.7	71.7	79.7	72.7	73.0	68.0	65.0	76.3	71.0
PST-K11-118	KB	90.7	84.7	71.3	77.0	76.7	74.7	74.3	66.7	75.3	78.3	74.3
PST-R511	TF	87.3	78.3	74.0	72.3	71.3	68.3	69.3	57.7	60.7	60.7	62.3
BABE	KB	88.0	84.3	78.0	80.0	85.0	74.3	78.3	76.0	78.3	81.7	75.7
BARRARI	KB	90.3	78.7	74.3	74.7	78.3	75.0	71.7	64.0	71.3	81.3	70.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		85.7	75.3	74.7	82.0	82.3	77.0	77.7	75.3	79.0	76.0	75.3
THUNDERSTRUCK	TF	89.3	79.3	70.7	75.3	74.0	69.0	64.7	63.7	63.3	63.0	57.7
GO-AOMK	TF	88.3	79.3	77.3	74.0	72.0	67.3	60.7	65.0	62.7	63.7	56.0
PST-K13-141	KB	87.0	74.7	69.7	71.7	77.0	69.3	73.0	66.3	72.0	74.3	69.3
BAR PP 110358	KB	90.0	77.7	67.0	79.0	73.7	65.3	73.7	68.3	65.3	76.3	65.7
BLUE DEVIL	KB	87.0	76.0	70.3	82.0	83.0	67.7	77.3	71.7	70.0	76.3	71.7
BLUE NOTE	KB	88.3	78.7	79.3	79.3	85.3	79.3	77.7	73.7	79.0	82.7	79.0
DAUNTLESS	KB	87.0	71.3	66.7	74.3	74.3	72.7	77.7	71.3	73.7	77.0	72.0
RS4	TF	89.3	79.7	64.3	71.3	73.0	67.0	64.3	61.3	48.3	66.3	59.3
TITANIUM 2LS	TF	88.7	71.7	58.7	68.7	65.0	62.0	63.3	57.7	48.0	48.3	56.3
EVEREST	KB	81.7	71.3	74.0	81.3	72.7	71.3	66.0	71.3	68.7	80.0	67.3
MIDNIGHT	KB	84.3	79.3	70.3	77.0	82.0	69.0	73.7	67.3	70.3	73.7	70.3
NAI-13-14	KB	86.0	69.7	65.0	75.7	79.0	73.3	74.3	67.3	74.7	81.0	72.0
PST-K13-137	KB	87.7	70.7	62.3	69.0	70.7	70.3	61.7	62.3	57.3	66.7	64.3
NAI-13-132	KB	84.7	63.3	59.0	70.3	69.7	65.7	68.7	66.0	65.0	71.7	67.0
PST-K15-169	KB	86.3	72.7	61.0	66.0	68.7	66.3	69.7	63.3	68.0	71.0	65.7
LSD VALUE		13.4	24.2	31.7	37.9	31.3	38.4	39.9	30.7	21.7	27.1	35.4
C.V. (%)		4.6	11.6	15.5	13.3	12.9	13.3	14.4	13.4	15.0	15.0	17.0

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

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

TABLE 2C. 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/
2020 DATA

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

NAME		PERCENT GREEN COVER DURING RECOVERY					
		9/15/20	9/21/20	9/28/20	10/5/20	10/12/20	11/2/20
PST-5SDS	TF	75.0	80.3	69.0	56.0	57.0	66.0
DLFPS 321/3679	TF	73.0	69.0	67.7	52.3	56.7	57.3
KINGDOM	TF	75.7	72.3	63.0	54.0	55.3	57.7
THOR	TF	74.3	80.7	69.0	61.3	57.3	65.0
BAR FA 121095	TF	75.3	75.7	67.3	54.3	53.0	58.3
DLFPS 321/3678	TF	77.3	78.0	69.3	58.7	60.3	63.7
BARROBUSTO	TF	70.3	76.3	70.3	56.7	57.3	62.7
CATALYST	TF	79.3	77.7	57.7	50.3	56.0	67.7
LTP-SYN-A3	TF	72.0	78.7	66.3	56.3	62.0	67.7
NONET	TF	73.3	73.7	68.7	53.0	57.0	66.3
STETSON II	TF	76.0	73.3	65.7	57.3	60.7	65.7
SUPERSONIC	TF	72.3	78.7	71.7	63.0	64.3	69.0
MRSL TF15	TF	68.3	74.7	63.7	61.0	62.7	65.0
PST-K13-143	KB	89.3	88.7	81.3	68.3	74.7	78.0
DLFPS 321/3677	TF	68.0	68.0	68.0	55.3	59.7	67.3
PST-K11-118	KB	82.7	87.0	84.0	70.0	71.3	80.0
PST-R511	TF	83.0	79.3	62.7	59.0	63.0	69.0
BABE	KB	79.3	80.0	73.0	70.3	61.3	66.7
BARRARI	KB	84.7	82.3	75.7	69.7	63.7	75.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		82.3	84.0	79.7	71.3	77.3	90.7
THUNDERSTRUCK	TF	75.7	70.0	64.0	58.0	53.0	62.3
GO-AOMK	TF	60.7	63.7	63.0	56.3	62.3	63.7
PST-K13-141	KB	81.3	79.7	69.0	65.3	63.7	73.0
BAR PP 110358	KB	76.3	72.3	60.7	57.7	57.3	63.0
BLUE DEVIL	KB	78.3	70.7	68.0	63.7	58.0	67.0
BLUE NOTE	KB	82.3	84.3	82.3	73.0	65.0	66.3
DAUNTLESS	KB	76.3	82.0	75.0	65.0	71.3	71.0
RS4	TF	64.0	67.0	63.7	59.0	56.3	62.0
TITANIUM 2LS	TF	64.0	68.0	64.3	59.0	57.3	67.7
EVEREST	KB	73.0	70.7	67.0	63.7	61.0	64.7
MIDNIGHT	KB	81.3	76.0	68.7	63.3	61.3	68.0
NAI-13-14	KB	81.3	78.0	71.3	64.3	60.0	64.3
PST-K13-137	KB	71.3	67.3	65.0	60.3	61.7	68.0
NAI-13-132	KB	79.7	72.3	58.7	60.0	63.0	66.7
PST-K15-169	KB	82.3	79.3	66.3	64.3	65.3	67.0
LSD VALUE		20.0	26.0	19.9	18.5	12.1	11.5
C.V. (%)		11.1	12.1	12.3	12.8	10.2	9.5

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

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

TABLE 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 FORT COLLINS, CO 1/
2020 DATA

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

NAME		SPRING GREENUP	WINTER QUALITY 1/9/20	WINTER QUALITY 3/5/20	WINTER QUALITY 4/8/20	WINTER QUALITY 4/28/20	WINTER QUALITY 5/12/20	QUALITY 5/20/20	PRE-DROUGHT QUALITY 5/26/20	QUALITY 6/1/20	QUALITY 6/8/20	QUALITY 6/15/20
BAR PP 110358	KB	7.0	2.0	1.0	3.0	4.7	5.0	6.0	5.3	6.0	6.0	6.3
PST-K13-141	KB	6.7	2.0	1.0	2.7	4.0	4.0	5.0	4.3	4.3	4.7	4.7
BLUE DEVIL	KB	6.0	2.3	1.0	2.7	4.0	4.0	4.7	5.0	5.3	5.0	5.0
EVEREST	KB	6.0	2.3	1.0	2.7	3.7	3.3	4.3	4.0	4.7	5.3	5.0
PST-K11-118	KB	7.0	2.0	1.0	3.0	5.0	4.0	5.3	5.3	5.7	6.0	5.7
PST-K13-143	KB	6.7	2.0	1.0	2.7	4.3	4.3	4.7	4.7	5.0	5.0	4.7
PST-K15-169	KB	5.7	2.3	1.3	2.3	4.0	4.7	4.7	4.7	5.0	4.7	5.0
BABE	KB	6.3	2.0	1.0	2.7	4.3	4.3	5.0	5.0	5.0	5.0	5.3
BARRARI	KB	5.7	2.3	1.3	2.7	4.0	3.3	4.7	4.7	4.7	4.7	4.7
BLUE NOTE	KB	6.3	2.3	1.3	3.0	4.0	4.3	5.0	4.3	5.3	5.3	5.0
MIDNIGHT	KB	6.3	2.3	1.0	2.3	4.0	3.7	4.0	3.7	4.3	4.7	4.0
DAUNTLESS	KB	6.3	2.0	1.0	2.7	4.3	4.0	5.3	4.7	5.3	5.7	5.0
NAI-13-132	KB	6.3	2.0	1.0	2.7	4.0	3.0	4.7	4.0	4.3	4.7	4.7
NAI-13-14	KB	6.0	2.3	1.0	2.7	4.0	4.0	4.0	3.7	3.7	4.0	3.7
PST-K13-137	KB	6.3	1.7	1.0	2.3	4.3	3.7	5.0	4.7	5.3	5.3	4.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.7	3.0	1.0	2.3	3.0	3.0	4.0	3.3	3.7	4.0	4.3
LSD VALUE		1.3	0.9	0.7	1.3	0.9	1.2	1.0	1.6	1.0	1.8	1.7
C.V. (%)		8.9	18.1	21.9	16.4	11.5	15.3	10.9	16.5	11.4	15.7	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 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 FORT COLLINS, CO 1/
2020 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN										
		6/22/20	6/29/20	7/6/20	7/13/20	7/20/20	7/27/20	8/3/20	8/10/20	8/17/20	8/24/20	8/31/20
BAR PP 110358	KB	6.0	6.0	3.7	3.7	2.7	2.0	2.0	2.0	2.0	2.3	2.3
PST-K13-141	KB	5.7	4.3	4.0	4.7	4.0	3.7	3.3	3.3	3.3	3.3	3.3
BLUE DEVIL	KB	5.3	4.7	3.7	4.7	3.7	3.0	2.7	2.7	2.7	2.7	2.7
EVEREST	KB	5.3	5.0	4.3	4.0	3.7	2.7	2.7	2.7	2.7	2.3	3.0
PST-K11-118	KB	6.0	5.0	3.3	4.0	2.7	2.7	2.3	2.3	2.3	2.7	2.7
PST-K13-143	KB	5.3	5.3	3.7	4.3	3.7	3.0	2.7	2.7	2.7	2.7	2.7
PST-K15-169	KB	4.7	4.3	3.7	4.3	3.7	3.0	3.0	3.0	3.0	3.0	3.0
BABE	KB	5.3	5.0	3.3	3.7	3.3	2.7	2.3	2.3	2.3	2.3	2.7
BARRARI	KB	5.0	4.7	3.7	4.0	3.7	3.0	2.7	2.7	2.7	2.3	2.7
BLUE NOTE	KB	5.0	4.3	3.3	3.3	3.0	2.7	2.0	2.0	2.0	3.0	3.0
MIDNIGHT	KB	4.7	5.0	3.3	4.0	4.0	3.7	3.3	3.3	3.3	3.0	3.0
DAUNTLESS	KB	5.0	4.7	2.7	2.7	2.3	2.3	2.0	2.0	2.0	2.7	2.7
NAI-13-132	KB	5.0	4.3	3.0	3.7	3.3	2.7	2.3	2.3	2.3	2.3	2.7
NAI-13-14	KB	4.7	4.3	3.7	3.7	3.7	3.0	2.7	2.7	2.7	2.7	3.0
PST-K13-137	KB	5.0	4.3	3.0	3.0	2.7	2.3	2.0	2.0	2.0	2.3	2.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.7	4.7	4.3	4.0	3.7	3.3	2.3	2.3	2.3	2.0	2.7
LSD VALUE		3.0	2.2	2.4	2.8	1.3	1.1	1.0	1.0	1.0	1.1	1.3
C.V. (%)		18.3	16.7	23.1	25.0	18.0	18.8	19.2	19.2	19.2	17.8	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 3A. 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 FORT COLLINS, CO 1/
 2020 DATA

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

NAME		QUALITY RATINGS DURING RECOVERY PERIOD						MEAN
		9/15/20	9/21/20	9/28/20	10/5/20	10/12/20	11/2/20	
BAR PP 110358	KB	4.3	4.3	5.0	5.0	4.7	5.0	4.0
PST-K13-141	KB	4.3	4.3	5.0	5.0	4.3	5.0	3.9
BLUE DEVIL	KB	4.0	3.7	4.7	4.7	4.7	4.7	3.8
EVEREST	KB	4.3	4.7	4.7	4.7	4.7	5.3	3.8
PST-K11-118	KB	3.7	3.3	4.3	3.7	4.3	4.0	3.8
PST-K13-143	KB	4.3	4.0	4.7	5.0	4.7	5.0	3.8
PST-K15-169	KB	4.7	4.0	4.3	4.3	4.7	4.3	3.8
BABE	KB	4.3	4.3	4.3	4.3	4.0	5.0	3.7
BARRARI	KB	4.0	4.3	4.7	4.7	4.3	5.0	3.7
BLUE NOTE	KB	4.7	4.3	4.3	5.0	4.7	4.7	3.7
MIDNIGHT	KB	4.0	4.0	4.3	4.3	4.3	4.3	3.7
DAUNTLESS	KB	3.7	4.0	4.0	4.3	4.0	5.0	3.5
NAI-13-132	KB	4.3	4.0	4.0	4.3	4.3	4.3	3.5
NAI-13-14	KB	4.0	4.0	4.3	4.7	4.3	4.7	3.5
PST-K13-137	KB	3.7	4.0	4.0	3.7	3.7	5.0	3.4
SR 4650 (P.RYEGRASS STANDARD ENTRY)		3.7	3.7	4.3	4.3	4.3	4.0	3.4
LSD VALUE		1.1	1.3	1.9	1.4	1.6	1.9	1.0
C.V. (%)		11.3	12.3	14.1	12.8	12.4	14.3	9.2

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

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

TABLE 3A. 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 FORT COLLINS, CO 1/
 2020 DATA

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

NAME		WINTER % COVER			PRE-DROUGHT	PERCENT COVER RATINGS		
		4/8/20	5/12/20	5/20/20		5/26/20	6/1/20	6/8/20
BAR PP 110358	KB	52.0	76.7	89.7	80.7	86.3	8.7	85.7
PST-K13-141	KB	51.3	72.3	76.7	62.3	76.3	7.0	73.3
BLUE DEVIL	KB	47.7	63.3	77.3	63.7	68.7	7.3	75.3
EVEREST	KB	35.7	60.0	75.0	62.3	73.3	7.3	78.7
PST-K11-118	KB	53.0	70.3	88.7	78.0	79.3	7.7	81.3
PST-K13-143	KB	51.0	70.0	81.3	72.7	78.7	7.7	78.7
PST-K15-169	KB	35.7	54.7	82.0	59.7	70.0	6.3	71.3
BABE	KB	42.0	64.7	87.3	69.0	72.7	7.7	75.0
BARRARI	KB	50.0	63.3	78.7	66.7	80.0	7.7	76.3
BLUE NOTE	KB	51.0	66.7	77.3	69.0	73.7	8.0	78.7
MIDNIGHT	KB	45.0	62.7	83.0	64.3	67.0	7.3	75.0
DAUNTLESS	KB	47.7	67.7	82.7	67.7	74.3	8.0	81.3
NAI-13-132	KB	45.3	60.7	73.3	64.7	63.3	7.3	72.0
NAI-13-14	KB	40.7	65.3	70.3	59.7	66.3	7.0	70.3
PST-K13-137	KB	42.7	60.3	79.3	59.0	65.7	7.3	66.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		30.0	51.0	66.3	60.0	63.0	6.7	75.7
LSD VALUE		10.8	12.4	17.6	17.4	14.1	1.4	16.8
C.V. (%)		13.5	10.1	10.1	12.0	9.9	8.9	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 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 FORT COLLINS, CO 1/
2020 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN RATINGS										
		6/22/20	6/29/20	7/6/20	7/13/20	7/20/20	7/27/20	8/3/20	8/10/20	8/17/20	8/24/20	8/31/20
BAR PP 110358	KB	89.3	72.3	58.7	47.0	29.3	34.3	14.3	11.7	18.7	18.7	26.7
PST-K13-141	KB	82.3	72.7	70.7	75.0	49.3	56.0	34.0	33.0	24.3	33.0	41.0
BLUE DEVIL	KB	82.0	67.0	54.7	59.3	53.7	37.0	32.0	18.3	19.3	18.7	33.0
EVEREST	KB	81.0	67.0	57.3	65.7	47.0	42.0	27.3	22.3	26.0	26.7	33.7
PST-K11-118	KB	85.7	58.7	49.3	53.7	44.7	40.3	24.7	26.3	23.0	27.7	32.7
PST-K13-143	KB	88.7	67.0	61.3	57.0	39.3	43.3	18.0	12.7	13.7	13.0	24.3
PST-K15-169	KB	78.3	65.0	67.0	65.0	48.7	40.3	28.3	19.7	20.3	25.7	37.0
BABE	KB	88.7	77.7	58.0	55.7	41.3	31.3	22.3	21.3	16.0	20.7	33.7
BARRARI	KB	87.3	69.0	68.0	49.3	44.0	43.7	19.7	16.0	18.3	16.0	30.7
BLUE NOTE	KB	86.0	63.0	66.0	62.0	38.7	38.0	12.7	11.7	13.3	21.7	40.0
MIDNIGHT	KB	86.3	70.0	70.7	68.0	52.3	45.3	30.3	26.3	19.7	23.7	34.7
DAUNTLESS	KB	87.0	41.0	42.7	55.3	29.0	27.3	16.0	12.7	15.0	17.7	29.7
NAI-13-132	KB	82.0	54.0	36.0	50.7	49.3	44.0	23.3	20.0	19.0	17.7	32.3
NAI-13-14	KB	79.0	74.7	68.0	63.3	42.7	39.3	22.7	21.3	16.0	27.0	29.3
PST-K13-137	KB	84.7	50.0	39.7	48.0	31.3	25.7	13.3	13.7	14.7	15.0	29.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		79.3	71.3	70.3	66.0	59.7	43.3	21.3	20.3	19.3	15.0	30.0
LSD VALUE		16.0	39.1	33.0	22.2	36.2	26.1	15.6	19.0	18.6	31.1	31.7
C.V. (%)		7.0	23.1	25.0	17.1	31.3	26.8	33.7	42.3	35.1	49.8	30.4

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

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

TABLE 3A. 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 FORT COLLINS, CO 1/
 2020 DATA

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

NAME		PERCENT GREEN COVER DURING RECOVERY					11/2/20
		9/15/20	9/21/20	9/28/20	10/5/20	10/12/20	
BAR PP 110358	KB	61.7	60.7	65.0	65.3	64.7	78.7
PST-K13-141	KB	62.0	64.0	66.7	65.3	58.7	73.0
BLUE DEVIL	KB	61.7	64.3	73.7	63.7	62.7	71.3
EVEREST	KB	60.3	62.3	65.7	62.0	61.7	72.3
PST-K11-118	KB	56.7	57.0	62.7	62.0	55.3	61.3
PST-K13-143	KB	61.3	63.0	71.7	66.0	70.3	76.7
PST-K15-169	KB	56.7	60.3	64.0	61.0	60.7	64.3
BABE	KB	58.0	67.0	69.3	60.3	60.0	66.0
BARRARI	KB	62.0	66.7	69.0	64.0	60.7	71.0
BLUE NOTE	KB	59.7	59.7	67.7	69.0	64.7	70.7
MIDNIGHT	KB	56.0	68.0	67.7	67.3	65.0	67.3
DAUNTLESS	KB	59.3	60.0	59.7	62.0	61.0	68.3
NAI-13-132	KB	57.0	53.7	65.3	62.3	57.3	63.7
NAI-13-14	KB	54.7	61.7	67.3	62.7	70.0	73.0
PST-K13-137	KB	50.0	52.3	55.3	62.3	55.0	70.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		60.3	68.3	69.3	69.0	66.7	66.3
LSD VALUE		16.4	20.3	24.2	10.5	12.1	19.3
C.V. (%)		9.8	12.2	12.4	6.4	9.0	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 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 FORT COLLINS, CO 1/
2020 DATA

		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/										
NAME		SPRING	WINTER	WINTER	WINTER	WINTER	WINTER	QUALITY	PRE-DROUGHT QUALITY		QUALITY	QUALITY
		GREENUP	1/9/20	3/5/20	4/8/20	4/28/20	5/12/20	5/20/20	5/26/20	6/1/20	6/8/20	6/15/20
DAUNTLESS	KB	5.3	1.3	1.0	2.3	4.7	4.3	5.7	5.7	5.7	6.0	5.7
BARRARI	KB	5.0	2.0	1.3	2.3	4.7	4.3	6.0	5.3	5.7	6.3	5.7
PST-K13-141	KB	5.3	1.7	1.0	2.3	4.7	4.3	6.0	5.3	6.0	6.0	5.7
BABE	KB	5.3	1.7	1.0	2.7	4.7	4.7	5.7	5.3	6.3	6.3	5.7
PST-K11-118	KB	6.0	2.0	1.0	2.7	5.0	4.3	5.0	5.3	5.3	6.0	5.3
PST-K13-143	KB	5.3	2.0	1.0	2.7	4.7	4.7	4.7	5.0	5.7	5.0	5.0
BLUE DEVIL	KB	4.7	1.7	1.0	2.3	3.7	3.3	5.0	5.0	5.3	5.7	5.7
BAR PP 110358	KB	5.3	2.0	1.0	2.7	5.0	4.3	5.3	5.7	6.0	6.7	6.3
BLUE NOTE	KB	5.0	1.7	1.0	2.3	4.3	4.7	5.0	5.3	5.7	6.3	5.0
NAI-13-132	KB	4.0	2.0	1.0	2.0	3.0	3.3	5.0	4.3	4.7	5.0	5.3
EVEREST	KB	5.0	2.0	1.0	2.3	4.0	4.3	5.0	4.7	5.0	4.7	4.7
NAI-13-14	KB	3.7	1.7	1.0	2.3	3.3	3.7	4.7	4.7	5.3	4.7	4.7
PST-K13-137	KB	4.3	1.3	1.0	2.0	4.0	3.3	5.3	4.7	5.3	6.0	4.7
PST-K15-169	KB	4.7	1.7	1.0	2.0	3.7	4.0	5.3	5.7	6.0	5.7	5.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.7	2.7	1.0	2.3	3.7	3.3	5.0	4.0	4.3	4.7	4.3
MIDNIGHT	KB	4.3	2.0	1.0	2.3	4.3	4.0	5.0	4.0	5.0	4.0	5.0
LSD VALUE		1.3	0.8	0.4	1.2	0.9	1.4	0.8	1.6	2.0	1.3	1.3
C.V. (%)		13.4	20.4	14.1	17.1	12.5	15.7	7.9	14.1	14.4	12.9	11.6

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

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

TABLE 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 FORT COLLINS, CO 1/
2020 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN										
		6/22/20	6/29/20	7/6/20	7/13/20	7/20/20	7/27/20	8/3/20	8/10/20	8/17/20	8/24/20	8/31/20
DAUNTLESS	KB	6.0	6.7	5.0	5.3	5.7	5.3	5.3	5.3	5.3	4.7	5.0
BARRARI	KB	6.0	5.7	5.0	5.0	5.0	5.0	4.7	4.7	4.7	4.7	5.0
PST-K13-141	KB	6.0	6.3	4.7	5.3	5.3	5.0	4.7	4.7	4.7	4.3	5.0
BABE	KB	6.3	5.7	5.3	5.0	4.7	4.3	4.0	4.0	4.0	4.3	4.7
PST-K11-118	KB	6.3	6.0	5.0	5.0	4.7	4.3	4.7	4.7	4.7	4.3	5.0
PST-K13-143	KB	6.0	6.0	4.7	5.0	4.7	4.7	4.7	4.7	4.7	4.3	5.0
BLUE DEVIL	KB	6.0	6.0	5.3	5.3	5.7	5.0	4.3	4.3	4.3	4.7	4.7
BAR PP 110358	KB	6.0	6.0	4.3	4.3	3.7	3.7	3.7	3.7	3.7	3.7	4.3
BLUE NOTE	KB	6.3	5.3	4.7	4.3	4.7	4.3	4.3	4.3	4.3	4.3	5.0
NAI-13-132	KB	5.7	6.7	5.3	5.3	5.0	4.7	5.0	5.0	5.0	4.7	5.0
EVEREST	KB	5.3	6.0	4.7	4.3	5.0	4.3	4.3	4.3	4.3	4.3	4.7
NAI-13-14	KB	5.7	5.7	4.7	5.0	4.7	4.7	4.7	4.7	4.7	4.3	4.7
PST-K13-137	KB	5.7	6.0	5.0	5.0	5.0	5.0	4.3	4.3	4.3	4.3	4.3
PST-K15-169	KB	6.3	5.3	4.0	4.7	4.3	4.3	4.0	4.0	4.0	4.3	4.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.3	5.3	5.0	5.7	5.0	4.7	4.0	4.0	4.0	4.3	4.3
MIDNIGHT	KB	5.7	5.3	4.3	4.0	4.3	3.7	3.3	3.3	3.3	3.7	4.0
LSD VALUE		1.3	1.9	2.8	1.0	1.8	1.4	1.1	1.1	1.1	2.0	1.3
C.V. (%)		8.7	11.9	17.7	10.4	14.8	13.6	12.8	12.8	12.8	14.4	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 3B. 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 FORT COLLINS, CO 1/
 2020 DATA

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

NAME		QUALITY RATINGS DURING RECOVERY PERIOD						MEAN
		9/15/20	9/21/20	9/28/20	10/5/20	10/12/20	11/2/20	
DAUNTLESS	KB	5.3	5.3	5.7	5.0	5.3	5.0	4.9
BARRARI	KB	5.0	5.3	5.0	5.3	5.0	5.3	4.8
PST-K13-141	KB	5.3	5.3	5.7	4.7	5.3	5.3	4.8
BABE	KB	5.0	5.0	5.3	4.7	5.0	5.0	4.7
PST-K11-118	KB	5.0	5.0	5.7	4.7	5.3	5.3	4.7
PST-K13-143	KB	5.3	5.0	5.3	5.0	5.7	5.3	4.7
BLUE DEVIL	KB	5.3	5.0	5.0	4.7	5.0	5.0	4.6
BAR PP 110358	KB	5.0	5.3	5.7	4.7	5.3	5.3	4.5
BLUE NOTE	KB	5.0	5.0	5.0	4.7	5.0	5.0	4.5
NAI-13-132	KB	5.7	5.0	5.0	4.3	4.7	5.0	4.5
EVEREST	KB	5.0	4.7	5.7	4.7	5.0	5.3	4.4
NAI-13-14	KB	5.7	5.0	4.7	4.7	5.0	5.3	4.4
PST-K13-137	KB	5.0	4.7	5.0	4.3	4.7	5.0	4.4
PST-K15-169	KB	5.0	4.7	5.3	4.7	5.0	5.0	4.4
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.7	5.0	6.0	4.3	5.0	5.7	4.3
MIDNIGHT	KB	5.0	5.3	5.3	4.0	4.7	5.0	4.1
LSD VALUE		0.8	1.5	1.3	2.0	1.4	2.0	0.8
C.V. (%)		6.6	9.4	9.9	13.7	9.8	11.0	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 3B. 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 FORT COLLINS, CO 1/
 2020 DATA

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

NAME		WINTER % COVER			PRE-DROUGHT PERCENT COVER RATINGS			
		4/8/20	5/12/20	5/20/20	5/26/20	6/1/20	6/8/20	6/15/20
DAUNTLESS	KB	43.0	66.0	83.0	75.0	77.3	8.3	84.0
BARRARI	KB	42.0	69.7	82.3	76.0	86.7	8.0	85.3
PST-K13-141	KB	42.7	68.3	88.3	77.3	76.0	7.7	79.3
BABE	KB	41.0	73.7	88.7	81.7	86.0	8.0	88.7
PST-K11-118	KB	44.7	72.3	87.0	80.7	83.7	7.3	87.3
PST-K13-143	KB	44.0	74.3	88.3	79.7	84.0	7.7	85.3
BLUE DEVIL	KB	29.7	65.0	84.7	62.0	70.0	8.0	80.7
BAR PP 110358	KB	44.3	77.7	89.7	86.0	89.0	8.7	89.0
BLUE NOTE	KB	44.3	69.7	89.0	80.0	83.0	8.3	84.7
NAI-13-132	KB	32.7	56.0	73.0	63.0	66.3	7.3	72.7
EVEREST	KB	36.7	67.7	85.7	74.3	80.3	7.3	79.0
NAI-13-14	KB	35.3	61.7	80.7	62.7	69.0	7.3	73.3
PST-K13-137	KB	34.0	63.0	82.3	73.3	78.7	7.3	80.0
PST-K15-169	KB	29.0	67.7	86.7	76.7	72.3	8.0	80.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		31.3	66.0	81.3	64.0	71.0	7.0	77.3
MIDNIGHT	KB	33.3	69.7	85.0	63.0	64.0	7.0	74.3
LSD VALUE		13.8	15.7	14.8	16.1	18.3	2.5	16.7
C.V. (%)		17.5	10.1	7.1	11.3	11.5	11.5	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 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 FORT COLLINS, CO 1/
2020 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN RATINGS										
		6/22/20	6/29/20	7/6/20	7/13/20	7/20/20	7/27/20	8/3/20	8/10/20	8/17/20	8/24/20	8/31/20
DAUNTLESS	KB	89.3	86.7	69.3	79.0	76.7	74.0	75.0	63.3	71.0	75.7	78.0
BARRARI	KB	89.3	79.3	75.0	72.7	78.3	68.7	63.7	66.0	60.3	65.0	69.3
PST-K13-141	KB	90.3	77.3	68.7	77.0	77.0	66.7	64.3	61.3	72.3	74.7	69.7
BABE	KB	91.3	81.7	66.7	72.7	69.3	64.3	60.7	49.3	52.7	67.3	71.0
PST-K11-118	KB	87.3	84.7	76.0	81.3	72.7	66.0	67.7	63.3	57.3	70.7	72.3
PST-K13-143	KB	89.0	82.3	69.7	72.3	71.7	63.3	57.0	56.0	61.7	66.0	74.0
BLUE DEVIL	KB	86.0	86.0	75.7	80.7	76.0	71.7	65.7	66.3	65.7	73.7	68.7
BAR PP 110358	KB	89.3	72.7	59.0	61.3	44.3	56.7	46.7	36.7	37.7	54.0	60.3
BLUE NOTE	KB	91.0	88.3	75.0	80.0	64.3	70.0	53.7	52.7	65.7	66.7	68.0
NAI-13-132	KB	85.3	87.3	80.3	79.3	79.3	70.3	67.7	68.7	65.7	75.0	70.0
EVEREST	KB	88.7	76.7	72.0	71.7	68.0	59.0	67.3	54.3	51.0	65.7	67.7
NAI-13-14	KB	88.7	85.3	75.0	75.7	75.3	69.0	60.3	64.7	62.7	68.7	61.3
PST-K13-137	KB	87.0	86.0	68.7	78.0	74.7	69.7	54.0	55.3	54.7	65.0	65.0
PST-K15-169	KB	88.7	69.0	68.0	67.3	67.7	62.7	63.3	61.7	52.7	68.3	66.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		87.3	80.0	75.3	81.3	77.0	70.7	62.0	61.3	62.0	62.7	73.7
MIDNIGHT	KB	88.0	72.7	53.7	63.7	49.0	52.3	48.0	46.3	49.3	54.7	56.7
LSD VALUE		5.2	19.1	20.3	19.0	23.4	19.0	23.0	30.9	32.3	40.4	20.9
C.V. (%)		2.5	10.0	12.5	11.0	16.3	12.2	16.4	21.4	22.0	19.4	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 3B. 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 FORT COLLINS, CO 1/
2020 DATA

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

NAME		PERCENT GREEN COVER DURING RECOVERY					11/2/20
		9/15/20	9/21/20	9/28/20	10/5/20	10/12/20	
DAUNTLESS	KB	84.0	81.7	83.3	61.7	63.0	65.0
BARRARI	KB	85.0	82.7	78.7	70.7	59.3	73.7
PST-K13-141	KB	82.3	76.3	80.3	71.0	61.7	74.3
BABE	KB	76.7	78.7	76.7	61.3	60.7	73.3
PST-K11-118	KB	79.3	78.3	81.0	66.0	64.3	76.0
PST-K13-143	KB	77.7	82.7	80.0	72.3	69.7	74.0
BLUE DEVIL	KB	73.7	79.0	74.7	56.0	68.3	71.0
BAR PP 110358	KB	77.0	77.3	76.3	62.0	61.7	68.0
BLUE NOTE	KB	81.7	80.3	83.0	70.0	68.3	80.7
NAI-13-132	KB	74.3	74.7	73.3	61.3	62.0	64.3
EVEREST	KB	75.7	72.3	73.7	61.0	59.3	70.0
NAI-13-14	KB	81.0	79.7	74.3	60.7	71.3	72.7
PST-K13-137	KB	69.3	76.3	69.7	56.7	57.3	69.0
PST-K15-169	KB	76.0	75.3	77.0	65.0	62.0	66.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		76.0	78.7	78.3	61.0	63.0	77.0
MIDNIGHT	KB	70.3	76.7	67.0	59.3	61.7	73.0
LSD VALUE		18.7	16.7	12.6	22.5	12.8	11.1
C.V. (%)		9.1	7.1	7.4	13.1	8.6	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 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 FORT COLLINS, CO 1/
2020 DATA

		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/										
NAME		SPRING	WINTER	WINTER	WINTER	WINTER	WINTER	QUALITY	PRE-DROUGHT	QUALITY	QUALITY	QUALITY
		GREENUP	QUALITY 1/9/20	QUALITY 3/5/20	QUALITY 4/8/20	QUALITY 4/28/20	QUALITY 5/12/20	5/20/20	QUALITY 5/26/20	QUALITY 6/1/20	6/8/20	6/15/20
PST-K13-143	KB	5.3	2.0	1	2.3	5.0	5.0	5.3	5.7	6.3	6.0	5.7
PST-K11-118	KB	6.0	1.7	1	2.7	5.0	4.7	5.7	5.7	6.0	6.3	6.3
BABE	KB	4.7	1.7	1	2.0	4.7	4.3	5.7	5.0	6.0	6.0	6.0
BARRARI	KB	4.7	2.0	1	2.0	4.3	4.0	5.7	4.7	5.7	5.7	5.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.3	2.3	1	2.0	3.3	3.3	5.3	3.7	3.7	4.7	4.0
PST-K13-141	KB	4.3	1.7	1	2.0	4.0	4.3	5.3	5.0	5.3	5.3	5.0
BAR PP 110358	KB	4.7	1.7	1	2.0	4.3	3.7	5.3	4.7	5.3	5.0	5.7
BLUE DEVIL	KB	4.7	1.7	1	2.0	4.0	3.7	4.7	5.0	5.3	4.7	5.0
BLUE NOTE	KB	5.3	2.0	1	2.0	4.7	4.7	5.7	4.7	5.0	5.0	5.3
DAUNTLESS	KB	4.3	1.7	1	2.0	4.7	4.3	5.3	4.7	5.3	5.3	5.3
EVEREST	KB	4.3	1.3	1	2.0	4.0	3.7	4.7	4.3	4.7	5.3	4.7
MIDNIGHT	KB	4.3	1.7	1	2.0	3.7	3.7	4.7	3.7	5.0	4.3	4.3
NAI-13-14	KB	4.0	1.7	1	2.0	3.7	4.0	4.7	4.3	4.7	4.3	4.7
PST-K13-137	KB	4.3	1.7	1	2.0	3.7	3.7	5.3	4.3	5.7	6.0	5.0
NAI-13-132	KB	4.0	1.3	1	2.0	4.0	3.3	5.0	4.7	4.3	4.7	4.7
PST-K15-169	KB	3.7	1.3	1	2.0	4.0	3.3	4.3	4.7	5.0	4.3	4.7
LSD VALUE		1.0	1.2	0	0.4	0.8	1.3	1.1	1.2	1.7	1.4	1.5
C.V. (%)		12.4	25.9	0	9.7	10.3	15.5	10.3	13.0	15.6	13.9	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 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 FORT COLLINS, CO 1/
2020 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN										
		6/22/20	6/29/20	7/6/20	7/13/20	7/20/20	7/27/20	8/3/20	8/10/20	8/17/20	8/24/20	8/31/20
PST-K13-143	KB	6.0	6.0	5.0	5.3	5.3	5.0	5.3	5.3	5.3	5.3	5.0
PST-K11-118	KB	5.7	6.0	5.0	5.3	4.7	5.0	4.7	4.7	4.7	5.0	5.0
BABE	KB	5.7	5.7	5.0	5.7	5.3	5.0	5.0	5.0	5.0	5.3	5.0
BARRARI	KB	6.0	5.7	4.7	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.7	5.7	5.3	5.7	5.3	5.7	5.0	5.0	5.0	5.7	5.3
PST-K13-141	KB	6.0	5.3	5.0	5.3	5.0	5.0	5.0	5.0	5.0	5.0	5.0
BAR PP 110358	KB	6.0	5.7	4.3	5.3	4.7	4.7	5.0	5.0	5.0	4.3	5.3
BLUE DEVIL	KB	6.3	5.7	4.7	5.3	5.3	5.0	5.0	5.0	5.0	4.3	5.0
BLUE NOTE	KB	5.7	5.3	4.7	5.0	4.7	5.0	4.7	4.7	4.7	5.3	5.0
DAUNTLESS	KB	6.0	5.7	4.0	4.7	5.0	4.7	5.0	5.0	5.0	5.0	5.0
EVEREST	KB	5.3	5.3	5.0	4.7	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MIDNIGHT	KB	5.0	5.0	4.7	5.7	5.3	5.3	5.0	5.0	5.0	5.0	5.0
NAI-13-14	KB	4.7	5.7	5.0	5.3	5.3	5.0	5.0	5.0	5.0	5.3	5.0
PST-K13-137	KB	5.7	5.7	5.3	5.0	5.0	5.0	4.7	4.7	4.7	4.3	4.7
NAI-13-132	KB	5.3	5.7	4.3	4.7	4.7	4.7	4.0	4.0	4.0	4.3	4.7
PST-K15-169	KB	6.0	5.7	4.7	4.3	4.7	4.3	4.0	4.0	4.0	4.0	4.7
LSD VALUE		1.9	1.8	1.4	1.7	1.8	2.1	1.8	1.8	1.8	1.4	1.6
C.V. (%)		12.5	10.0	11.3	12.6	11.5	13.1	13.0	13.0	13.0	12.5	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 3C. 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/
 2020 DATA

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

NAME		QUALITY RATINGS DURING RECOVERY PERIOD						MEAN
		9/15/20	9/21/20	9/28/20	10/5/20	10/12/20	11/2/20	
PST-K13-143	KB	5.0	5.0	5.3	5.3	5.3	5.0	5.0
PST-K11-118	KB	5.0	5.0	5.3	5.7	5.7	5.3	4.9
BABE	KB	5.0	4.7	5.3	4.3	5.3	5.3	4.8
BARRARI	KB	5.0	5.3	6.0	5.3	5.3	5.3	4.8
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.3	6.3	7.0	5.3	6.3	6.3	4.8
PST-K13-141	KB	5.3	5.0	5.7	5.0	5.0	5.3	4.7
BAR PP 110358	KB	5.0	5.0	5.0	4.7	4.7	5.0	4.6
BLUE DEVIL	KB	5.0	4.7	5.3	4.7	5.0	4.7	4.6
BLUE NOTE	KB	5.0	5.0	5.3	5.0	5.3	5.0	4.6
DAUNTLESS	KB	5.0	5.0	5.3	4.7	5.3	5.0	4.6
EVEREST	KB	5.0	4.7	6.0	5.0	5.3	5.3	4.5
MIDNIGHT	KB	5.3	5.0	5.7	5.0	5.0	4.3	4.5
NAI-13-14	KB	5.3	5.0	5.0	5.0	4.7	5.3	4.5
PST-K13-137	KB	5.3	4.7	5.0	4.7	4.7	5.0	4.5
NAI-13-132	KB	5.3	4.7	5.3	4.7	5.0	5.0	4.2
PST-K15-169	KB	5.0	4.7	5.3	4.7	5.0	4.7	4.2
LSD VALUE		0.8	1.2	1.5	1.6	1.8	1.6	0.8
C.V. (%)		7.5	10.8	12.0	11.7	12.9	12.4	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 3C. 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/
 2020 DATA

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

NAME		WINTER % COVER			PRE-DROUGHT 5/26/20	PERCENT COVER RATINGS		
		4/8/20	5/12/20	5/20/20		6/1/20	6/8/20	6/15/20
PST-K13-143	KB	37.3	78.3	87.0	81.0	87.3	8.3	82.7
PST-K11-118	KB	38.3	76.0	90.3	80.3	86.7	8.0	85.0
BABE	KB	25.3	71.7	83.0	69.0	68.3	7.7	83.3
BARRARI	KB	28.3	65.0	86.7	68.7	75.0	8.0	78.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		33.3	61.3	72.3	54.0	64.0	6.7	75.0
PST-K13-141	KB	24.3	67.3	86.7	73.0	63.7	7.0	73.3
BAR PP 110358	KB	26.0	64.3	85.7	65.0	64.3	6.3	73.7
BLUE DEVIL	KB	22.7	65.0	85.0	70.0	64.7	6.3	65.0
BLUE NOTE	KB	33.7	73.7	80.0	72.3	68.7	8.0	79.7
DAUNTLESS	KB	22.0	72.0	82.3	67.3	76.7	7.3	79.7
EVEREST	KB	16.0	62.7	78.3	59.0	63.3	6.0	74.3
MIDNIGHT	KB	19.7	64.0	83.7	59.3	63.0	6.3	70.3
NAI-13-14	KB	23.0	68.7	72.3	62.0	61.7	6.7	68.3
PST-K13-137	KB	23.0	68.0	81.7	65.3	71.0	6.7	75.7
NAI-13-132	KB	19.3	62.3	77.0	58.7	61.3	6.7	65.7
PST-K15-169	KB	23.7	60.3	83.3	67.0	66.7	7.3	82.7
LSD VALUE		9.3	9.7	12.4	18.1	10.3	1.8	13.9
C.V. (%)		20.7	7.8	7.2	13.0	8.9	12.0	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 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 FORT COLLINS, CO 1/
2020 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN RATINGS										
		6/22/20	6/29/20	7/6/20	7/13/20	7/20/20	7/27/20	8/3/20	8/10/20	8/17/20	8/24/20	8/31/20
PST-K13-143	KB	91.0	84.3	75.0	83.3	87.7	79.0	79.7	75.0	80.7	85.7	81.7
PST-K11-118	KB	90.7	84.7	71.3	77.0	76.7	74.7	74.3	66.7	75.3	78.3	74.3
BABE	KB	88.0	84.3	78.0	80.0	85.0	74.3	78.3	76.0	78.3	81.7	75.7
BARRARI	KB	90.3	78.7	74.3	74.7	78.3	75.0	71.7	64.0	71.3	81.3	70.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		85.7	75.3	74.7	82.0	82.3	77.0	77.7	75.3	79.0	76.0	75.3
PST-K13-141	KB	87.0	74.7	69.7	71.7	77.0	69.3	73.0	66.3	72.0	74.3	69.3
BAR PP 110358	KB	90.0	77.7	67.0	79.0	73.7	65.3	73.7	68.3	65.3	76.3	65.7
BLUE DEVIL	KB	87.0	76.0	70.3	82.0	83.0	67.7	77.3	71.7	70.0	76.3	71.7
BLUE NOTE	KB	88.3	78.7	79.3	79.3	85.3	79.3	77.7	73.7	79.0	82.7	79.0
DAUNTLESS	KB	87.0	71.3	66.7	74.3	74.3	72.7	77.7	71.3	73.7	77.0	72.0
EVEREST	KB	81.7	71.3	74.0	81.3	72.7	71.3	66.0	71.3	68.7	80.0	67.3
MIDNIGHT	KB	84.3	79.3	70.3	77.0	82.0	69.0	73.7	67.3	70.3	73.7	70.3
NAI-13-14	KB	86.0	69.7	65.0	75.7	79.0	73.3	74.3	67.3	74.7	81.0	72.0
PST-K13-137	KB	87.7	70.7	62.3	69.0	70.7	70.3	61.7	62.3	57.3	66.7	64.3
NAI-13-132	KB	84.7	63.3	59.0	70.3	69.7	65.7	68.7	66.0	65.0	71.7	67.0
PST-K15-169	KB	86.3	72.7	61.0	66.0	68.7	66.3	69.7	63.3	68.0	71.0	65.7
LSD VALUE		13.2	22.0	30.1	24.6	23.9	17.5	22.3	19.9	13.6	25.1	23.2
C.V. (%)		5.2	11.5	15.1	11.4	11.8	9.5	11.1	10.5	9.5	11.3	11.7

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

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

TABLE 3C. 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/
2020 DATA

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

NAME		PERCENT GREEN COVER DURING RECOVERY					11/2/20
		9/15/20	9/21/20	9/28/20	10/5/20	10/12/20	
PST-K13-143	KB	89.3	88.7	81.3	68.3	74.7	78.0
PST-K11-118	KB	82.7	87.0	84.0	70.0	71.3	80.0
BABE	KB	79.3	80.0	73.0	70.3	61.3	66.7
BARRARI	KB	84.7	82.3	75.7	69.7	63.7	75.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		82.3	84.0	79.7	71.3	77.3	90.7
PST-K13-141	KB	81.3	79.7	69.0	65.3	63.7	73.0
BAR PP 110358	KB	76.3	72.3	60.7	57.7	57.3	63.0
BLUE DEVIL	KB	78.3	70.7	68.0	63.7	58.0	67.0
BLUE NOTE	KB	82.3	84.3	82.3	73.0	65.0	66.3
DAUNTLESS	KB	76.3	82.0	75.0	65.0	71.3	71.0
EVEREST	KB	73.0	70.7	67.0	63.7	61.0	64.7
MIDNIGHT	KB	81.3	76.0	68.7	63.3	61.3	68.0
NAI-13-14	KB	81.3	78.0	71.3	64.3	60.0	64.3
PST-K13-137	KB	71.3	67.3	65.0	60.3	61.7	68.0
NAI-13-132	KB	79.7	72.3	58.7	60.0	63.0	66.7
PST-K15-169	KB	82.3	79.3	66.3	64.3	65.3	67.0
LSD VALUE		16.1	12.1	17.1	21.2	10.3	13.6
C.V. (%)		8.0	8.1	11.8	11.5	8.7	10.2

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

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

TABLE 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 FORT COLLINS, CO 1/
2020 DATA

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

NAME		SPRING	WINTER	WINTER	WINTER	WINTER	WINTER	PRE-DROUGHT	PRE-DROUGHT	QUALITY	QUALITY	
		GREENUP	QUALITY 1/9/20	QUALITY 3/5/20	QUALITY 4/8/20	QUALITY 4/28/20	QUALITY 5/12/20	QUALITY 5/20/20	QUALITY 5/26/20	QUALITY 6/1/20	QUALITY 6/8/20	QUALITY 6/15/20
DLFPS 321/3677	TF	7.0	1.7	1	2.7	4.7	4.3	5.3	5.3	5.3	6.3	6.0
PST-5SDS	TF	7.0	1.7	1	2.7	4.7	4.7	5.7	6.0	6.0	6.3	6.0
NONET	TF	6.3	2.0	1	3.0	4.7	4.7	5.7	5.7	6.0	6.7	6.0
BARROBUSTO	TF	7.0	1.3	1	2.7	4.7	4.7	5.7	5.7	6.7	6.3	6.0
LTP-SYN-A3	TF	7.0	1.7	1	3.0	4.0	4.3	5.3	5.3	5.7	6.0	5.7
DLFPS 321/3678	TF	6.7	1.7	1	2.3	4.7	4.0	4.7	4.7	5.3	5.0	5.3
KINGDOM	TF	6.3	2.0	1	2.0	4.3	4.3	5.0	5.3	5.3	5.3	5.3
RS4	TF	7.0	2.0	1	2.3	4.7	4.0	5.0	5.0	6.0	5.7	5.7
PST-R511	TF	6.7	1.7	1	2.3	4.3	4.0	5.3	4.7	4.3	4.7	5.0
THOR	TF	6.7	2.0	1	2.3	4.0	4.0	5.0	5.0	4.3	5.3	5.3
BAR FA 121095	TF	6.7	1.7	1	2.3	4.3	3.7	4.7	5.0	5.0	5.7	5.0
STETSON II	TF	6.7	1.3	1	2.3	4.3	3.7	5.3	5.0	4.3	4.7	5.0
THUNDERSTRUCK	TF	6.7	1.7	1	2.0	4.3	4.3	5.0	4.7	5.7	5.3	5.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.7	3.0	1	2.3	3.0	3.0	4.0	3.3	3.7	4.0	4.3
SUPERSONIC	TF	6.7	2.0	1	3.0	4.0	4.0	4.7	4.3	5.0	5.0	5.0
CATALYST	TF	7.3	1.7	1	2.3	4.0	3.7	4.7	4.0	4.0	4.7	4.0
GO-AOMK	TF	6.3	1.7	1	2.3	3.7	3.3	4.7	4.0	4.0	5.0	4.3
MRSL TF15	TF	6.0	1.3	1	2.3	4.3	4.0	5.7	4.7	4.3	4.7	4.3
TITANIUM 2LS	TF	7.0	1.7	1	2.0	4.0	3.7	5.3	4.0	4.0	4.0	4.0
DLFPS 321/3679	TF	6.3	1.7	1	2.0	4.3	3.7	4.3	4.3	4.7	4.3	4.7
LSD VALUE		1.1	0.8	0	1.5	1.8	2.2	1.6	4.4	3.8	4.4	4.9
C.V. (%)		7.3	23.0	0	21.8	15.3	18.7	13.2	27.7	27.3	27.2	27.9

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 FORT COLLINS, CO 1/
2020 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN										
		6/22/20	6/29/20	7/6/20	7/13/20	7/20/20	7/27/20	8/3/20	8/10/20	8/17/20	8/24/20	8/31/20
DLFPS 321/3677	TF	6.3	6.3	5.3	5.0	4.0	3.3	3.3	3.3	3.3	3.3	3.0
PST-5SDS	TF	6.3	6.3	5.0	5.0	3.7	2.7	2.7	2.7	2.7	3.3	3.3
NONET	TF	6.3	5.3	4.0	4.0	3.7	3.0	3.0	3.0	3.0	2.7	2.7
BARROBUSTO	TF	5.7	6.0	4.0	4.0	3.3	2.7	2.7	2.7	2.7	2.7	2.7
LTP-SYN-A3	TF	6.3	6.3	4.3	3.3	3.3	2.0	2.3	2.3	2.3	2.3	2.7
DLFPS 321/3678	TF	5.7	5.3	4.0	4.0	3.7	2.3	2.3	2.3	2.3	3.0	2.7
KINGDOM	TF	5.7	5.7	5.0	3.7	3.3	2.0	2.3	2.3	2.3	2.3	2.3
RS4	TF	5.3	5.0	4.3	3.7	3.3	2.7	2.3	2.3	2.3	2.7	2.7
PST-R511	TF	5.3	5.3	4.0	3.3	3.0	2.3	2.3	2.3	2.3	2.3	2.7
THOR	TF	5.7	5.3	4.0	3.3	3.0	2.7	2.3	2.3	2.3	2.7	2.7
BAR FA 121095	TF	5.7	5.7	3.7	3.0	3.0	2.7	2.0	2.0	2.0	2.3	2.0
STETSON II	TF	5.3	5.3	3.7	4.0	3.0	2.7	2.3	2.3	2.3	2.7	2.0
THUNDERSTRUCK	TF	5.3	5.3	3.7	3.3	3.0	2.3	2.0	2.0	2.0	2.0	2.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.7	4.7	4.3	4.0	3.7	3.3	2.3	2.3	2.3	2.0	2.7
SUPERSONIC	TF	5.0	5.7	3.7	2.7	2.7	2.7	2.0	2.0	2.0	2.7	2.7
CATALYST	TF	5.3	4.7	3.7	3.0	3.0	2.3	2.0	2.0	2.0	2.3	2.0
GO-AOMK	TF	5.7	3.7	3.0	3.0	3.0	2.3	2.3	2.3	2.3	2.3	2.3
MRS� TF15	TF	5.3	4.0	2.7	2.7	2.7	2.0	2.0	2.0	2.0	2.0	2.3
TITANIUM 2LS	TF	5.0	4.7	3.3	3.3	3.0	2.0	2.0	2.0	2.0	2.3	2.3
DLFPS 321/3679	TF	4.3	4.7	3.3	3.3	2.7	2.0	2.0	2.0	2.0	2.0	2.0
LSD VALUE		4.8	3.9	4.1	3.0	3.2	1.8	1.5	1.5	1.5	1.5	2.3
C.V. (%)		24.2	24.5	32.4	29.4	28.0	26.3	23.4	23.4	23.4	23.6	27.5

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

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

TABLE 4A. PERCENT GREEN COVER AND OTHER RATINGS OF 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/
 2020 DATA

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

NAME		QUALITY RATINGS DURING RECOVERY PERIOD						MEAN
		9/15/20	9/21/20	9/28/20	10/5/20	10/12/20	11/2/20	
DLFPS 321/3677	TF	4.0	4.0	4.7	4.3	5.0	5.0	4.3
PST-5SDS	TF	3.7	4.3	4.7	4.7	5.0	5.3	4.3
NONET	TF	3.7	3.7	4.7	4.3	4.3	4.3	4.1
BARROBUSTO	TF	3.7	3.7	4.7	4.3	4.7	5.0	4.0
LTP-SYN-A3	TF	3.3	3.7	4.3	4.0	4.7	4.3	3.8
DLFPS 321/3678	TF	3.3	3.7	4.0	4.0	4.3	4.7	3.7
KINGDOM	TF	3.7	3.7	4.0	4.3	3.7	4.3	3.7
RS4	TF	3.7	3.3	3.7	3.7	3.3	4.0	3.7
PST-R511	TF	3.7	4.0	4.0	4.3	4.0	4.7	3.6
THOR	TF	3.7	3.3	3.3	3.7	4.3	4.3	3.6
BAR FA 121095	TF	3.3	3.7	4.0	3.7	4.3	4.7	3.5
STETSON II	TF	3.3	3.7	3.7	3.7	4.0	4.7	3.5
THUNDERSTRUCK	TF	3.0	3.7	4.0	3.3	3.3	4.3	3.5
SR 4650 (P.RYEGRASS STANDARD ENTRY)		3.7	3.7	4.3	4.3	4.3	4.0	3.4
SUPERSONIC	TF	3.3	3.3	3.7	4.0	3.7	4.0	3.4
CATALYST	TF	3.0	3.7	3.7	3.3	3.7	4.3	3.2
GO-AOMK	TF	3.3	3.3	3.3	3.7	3.3	3.7	3.2
MRSL TF15	TF	3.0	3.3	3.3	3.7	3.3	3.7	3.2
TITANIUM 2LS	TF	3.3	3.3	3.0	3.3	4.0	3.7	3.2
DLFPS 321/3679	TF	3.0	3.0	3.3	3.0	3.3	3.3	3.1
LSD VALUE		2.3	2.7	2.9	2.3	3.9	3.7	2.3
C.V. (%)		19.1	20.5	23.8	20.1	28.7	25.0	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 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 FORT COLLINS, CO 1/
2020 DATA

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

NAME		WINTER % COVER			PRE-DROUGHT PERCENT COVER RATINGS			6/15/20
		4/8/20	5/12/20	5/20/20	5/26/20	6/1/20	6/8/20	
DLFPS 321/3677	TF	40.7	66.0	81.0	77.0	80.3	8.0	78.0
PST-5SDS	TF	51.3	76.3	87.7	86.3	91.7	8.7	89.7
NONET	TF	41.3	71.7	86.0	82.0	83.7	7.7	82.3
BARROBUSTO	TF	46.3	75.7	83.0	80.7	83.3	8.0	85.0
LTP-SYN-A3	TF	46.3	69.0	77.0	70.3	81.0	7.7	83.7
DLFPS 321/3678	TF	43.7	61.7	80.7	74.3	79.0	7.3	78.3
KINGDOM	TF	42.0	69.7	77.0	79.7	80.0	7.7	76.7
RS4	TF	42.3	62.0	78.3	67.0	76.0	7.7	79.0
PST-R511	TF	50.0	65.3	80.7	73.0	78.0	7.3	77.0
THOR	TF	40.7	62.0	80.7	67.7	78.7	7.7	79.3
BAR FA 121095	TF	38.7	60.7	80.7	70.3	76.7	7.0	80.7
STETSON II	TF	44.3	68.7	79.3	75.3	85.0	7.7	83.0
THUNDERSTRUCK	TF	41.3	68.0	80.3	78.7	75.0	7.7	81.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		30.0	51.0	66.3	60.0	63.0	6.7	75.7
SUPERSONIC	TF	41.3	58.7	74.0	62.3	74.3	7.0	77.0
CATALYST	TF	44.7	62.0	76.3	66.7	74.0	7.0	71.0
GO-AOMK	TF	34.0	53.0	72.3	60.3	63.7	6.7	68.7
MDSL TF15	TF	40.3	63.3	80.0	69.0	70.3	7.0	69.7
TITANIUM 2LS	TF	43.0	60.0	77.7	62.7	69.7	6.7	73.3
DLFPS 321/3679	TF	39.0	55.7	76.0	76.0	69.7	6.7	73.7
LSD VALUE		22.8	27.6	28.6	44.7	30.8	4.3	31.6
C.V. (%)		18.9	16.2	11.4	19.7	14.6	16.5	12.8

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

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

TABLE 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 FORT COLLINS, CO 1/
2020 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN RATINGS										
		6/22/20	6/29/20	7/6/20	7/13/20	7/20/20	7/27/20	8/3/20	8/10/20	8/17/20	8/24/20	8/31/20
DLFPS 321/3677	TF	81.0	84.3	70.7	59.7	60.0	46.7	39.7	39.7	25.7	48.0	48.7
PST-5SDS	TF	89.0	86.7	69.0	60.0	53.7	47.7	35.7	27.0	22.0	41.0	42.3
NONET	TF	84.3	70.7	58.0	46.7	37.7	31.7	23.7	19.0	14.0	16.3	35.7
BARROBUSTO	TF	82.0	84.7	56.0	53.7	37.7	30.0	22.0	16.0	15.7	24.7	27.3
LTP-SYN-A3	TF	88.7	84.0	69.7	43.7	28.0	27.0	16.7	14.0	13.0	13.3	39.0
DLFPS 321/3678	TF	80.3	78.0	69.3	59.0	46.3	43.7	27.7	22.7	18.0	19.0	32.3
KINGDOM	TF	88.7	81.7	77.0	57.7	38.3	34.0	24.0	18.3	17.3	19.3	25.0
RS4	TF	79.0	77.3	67.3	52.3	44.3	35.3	20.3	18.7	16.3	18.0	28.7
PST-R511	TF	84.0	75.0	59.7	44.3	33.0	27.0	18.0	14.3	14.0	16.7	35.7
THOR	TF	85.3	69.7	50.0	45.0	46.7	40.3	32.0	21.3	22.0	29.3	26.3
BAR FA 121095	TF	80.7	77.7	55.3	45.7	39.3	33.3	16.7	13.0	12.3	10.3	20.3
STETSON II	TF	90.0	77.0	56.3	54.7	40.0	39.0	25.3	14.3	15.0	21.7	26.0
THUNDERSTRUCK	TF	87.0	80.0	56.7	49.3	30.0	32.7	16.7	13.7	15.3	16.0	24.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		79.3	71.3	70.3	66.0	59.7	43.3	21.3	20.3	19.3	15.0	30.0
SUPERSONIC	TF	81.3	62.0	44.0	31.7	29.0	30.7	27.0	23.7	21.0	30.7	49.0
CATALYST	TF	86.0	70.7	60.0	48.7	34.0	30.0	19.7	10.3	11.7	12.0	22.0
GO-AOMK	TF	78.7	72.0	45.0	40.3	33.3	27.0	15.0	13.7	13.3	30.3	34.0
MRS� TF15	TF	79.7	58.3	50.0	46.3	33.3	28.0	20.7	13.3	13.7	17.7	29.3
TITANIUM 2LS	TF	82.3	62.3	51.7	47.7	34.7	27.3	18.7	16.3	15.7	18.0	27.0
DLFPS 321/3679	TF	78.0	74.0	53.0	46.0	33.7	26.0	14.7	9.3	12.0	15.0	20.0
LSD VALUE		38.1	46.1	63.9	64.5	37.3	37.8	38.2	22.0	20.3	37.7	49.8
C.V. (%)		12.3	19.6	32.3	36.7	35.8	36.6	54.4	51.6	41.4	67.1	50.7

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 4A. 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/
 2020 DATA

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

NAME		PERCENT GREEN COVER DURING RECOVERY					11/2/20
		9/15/20	9/21/20	9/28/20	10/5/20	10/12/20	
DLFPS 321/3677	TF	49.3	55.0	61.3	61.0	59.7	65.7
PST-5SDS	TF	59.0	61.7	63.0	53.3	65.7	69.0
NONET	TF	51.7	59.7	59.7	50.7	63.0	61.3
BARROBUSTO	TF	47.3	46.0	57.7	60.0	64.7	64.0
LTP-SYN-A3	TF	53.0	60.3	64.7	63.7	64.7	64.7
DLFPS 321/3678	TF	55.7	57.3	61.0	56.3	59.0	66.3
KINGDOM	TF	56.7	56.3	59.3	56.3	56.0	68.0
RS4	TF	50.0	57.3	56.7	52.7	55.0	64.7
PST-R511	TF	54.7	64.7	66.3	61.3	60.0	73.7
THOR	TF	50.3	57.3	56.3	51.7	49.0	66.7
BAR FA 121095	TF	52.7	57.7	64.0	54.7	58.0	72.0
STETSON II	TF	45.0	54.0	57.0	53.7	56.7	70.3
THUNDERSTRUCK	TF	51.3	51.3	54.0	57.0	56.3	62.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		60.3	68.3	69.3	69.0	66.7	66.3
SUPERSONIC	TF	57.3	59.0	62.7	55.0	56.0	61.7
CATALYST	TF	50.7	57.0	61.3	56.7	58.3	63.7
GO-AOMK	TF	60.7	61.0	53.0	46.3	55.0	61.0
MRSL TF15	TF	52.3	52.3	54.7	57.3	53.3	61.0
TITANIUM 2LS	TF	49.7	53.0	57.7	57.0	55.7	63.3
DLFPS 321/3679	TF	48.7	52.0	56.0	51.7	58.3	61.7
LSD VALUE		30.8	22.1	24.3	14.6	19.6	26.6
C.V. (%)		17.2	14.0	13.2	11.5	12.2	12.0

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

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

TABLE 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 FORT COLLINS, CO 1/
2020 DATA

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

NAME		SPRING GREENUP	WINTER QUALITY 1/9/20	WINTER QUALITY 3/5/20	WINTER QUALITY 4/8/20	WINTER QUALITY 4/28/20	WINTER QUALITY 5/12/20	QUALITY 5/20/20	PRE-DROUGHT QUALITY QUALITY 5/26/20	QUALITY 6/1/20	QUALITY 6/8/20	QUALITY 6/15/20
THUNDERSTRUCK	TF	6.0	1.7	1.0	2.3	5.3	5.0	6.7	7.0	8.0	7.3	7.0
MRSL TF15	TF	6.0	1.7	1.0	2.3	5.7	5.0	6.3	6.3	7.3	7.0	6.7
CATALYST	TF	6.0	1.3	1.0	2.7	5.3	5.0	6.3	7.0	7.0	6.7	6.7
DLFPS 321/3677	TF	5.7	1.7	1.0	2.0	5.0	5.0	5.7	6.7	7.3	6.7	6.7
STETSON II	TF	6.0	1.7	1.0	2.3	5.0	4.7	6.3	6.3	7.0	6.7	6.3
DLFPS 321/3679	TF	6.0	1.7	1.0	2.0	5.3	5.0	5.7	6.3	6.7	7.0	6.3
PST-5SDS	TF	5.7	1.7	1.0	2.0	5.0	4.7	6.0	6.7	6.3	7.0	6.3
BAR FA 121095	TF	5.3	1.7	1.0	2.0	5.0	5.3	6.3	6.3	7.0	6.3	6.7
BARROBUSTO	TF	5.7	1.7	1.0	2.3	5.0	4.3	6.3	6.7	7.0	6.7	6.0
DLFPS 321/3678	TF	5.3	1.7	1.0	2.0	5.3	4.7	6.0	5.7	6.7	6.0	6.0
KINGDOM	TF	5.7	1.7	1.0	2.0	5.0	5.0	6.7	6.7	7.0	7.0	6.3
LTP-SYN-A3	TF	6.0	1.7	1.0	2.7	5.0	4.7	6.0	6.7	7.7	7.0	7.3
PST-R511	TF	6.0	1.7	1.3	3.0	5.0	4.7	6.0	6.0	6.0	6.0	6.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.7	2.7	1.0	2.3	3.7	3.3	5.0	4.0	4.3	4.7	4.3
SUPERSONIC	TF	5.3	1.7	1.0	2.3	5.0	4.3	5.7	5.7	6.0	6.0	6.3
GO-AOMK	TF	5.0	1.7	1.0	2.0	4.7	4.7	6.0	6.0	6.7	6.3	6.3
NONET	TF	5.7	1.7	1.0	2.0	5.0	5.0	5.7	6.0	6.0	6.7	6.0
RS4	TF	5.3	1.7	1.0	2.0	5.0	4.7	5.7	5.3	6.7	6.3	6.3
THOR	TF	6.0	1.3	1.0	2.0	5.0	5.0	6.3	6.3	7.0	6.0	6.3
TITANIUM 2LS	TF	5.7	1.7	1.0	2.0	5.0	4.3	6.0	5.7	6.3	6.3	5.7
LSD VALUE		1.5	0.5	0.4	0.8	0.7	1.5	1.4	1.2	1.4	1.4	1.5
C.V. (%)		10.1	16.4	12.7	15.9	7.4	12.6	9.4	10.6	11.3	10.5	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 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 FORT COLLINS, CO 1/
2020 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN										
		6/22/20	6/29/20	7/6/20	7/13/20	7/20/20	7/27/20	8/3/20	8/10/20	8/17/20	8/24/20	8/31/20
THUNDERSTRUCK	TF	7.7	6.3	4.7	4.7	4.3	4.3	4.3	4.3	4.3	4.0	4.7
MRSL TF15	TF	6.7	6.3	4.7	4.7	4.3	3.7	3.3	3.3	3.3	3.7	3.3
CATALYST	TF	7.0	6.3	4.3	4.3	3.7	3.0	3.0	3.0	3.0	3.7	4.0
DLFPS 321/3677	TF	6.7	6.0	5.0	4.7	4.3	3.7	3.3	3.3	3.3	3.7	4.0
STETSON II	TF	7.0	6.0	5.0	4.3	4.0	3.3	3.3	3.3	3.3	3.7	3.3
DLFPS 321/3679	TF	6.3	6.7	3.7	4.0	3.7	3.3	3.3	3.3	3.3	3.7	4.3
PST-5SDS	TF	6.3	6.0	5.0	4.0	4.0	3.7	3.0	3.0	3.0	3.7	4.0
BAR FA 121095	TF	6.7	5.7	4.0	3.3	3.3	3.0	3.3	3.3	3.3	3.0	4.3
BARROBUSTO	TF	6.0	6.0	4.7	3.7	3.7	3.3	3.0	3.0	3.0	3.7	3.3
DLFPS 321/3678	TF	6.7	5.7	3.3	3.7	4.0	4.0	3.3	3.3	3.3	3.3	3.7
KINGDOM	TF	6.3	6.0	5.0	4.3	4.0	3.3	3.0	3.0	3.0	3.3	3.7
LTP-SYN-A3	TF	7.0	5.7	3.7	3.3	3.0	3.0	2.7	2.7	2.7	3.3	3.7
PST-R511	TF	6.0	6.0	4.0	4.0	3.3	3.0	3.3	3.3	3.3	3.3	4.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.3	5.3	5.0	5.7	5.0	4.7	4.0	4.0	4.0	4.3	4.3
SUPERSONIC	TF	6.7	6.3	4.3	3.3	3.7	3.0	3.0	3.0	3.0	3.7	3.7
GO-AOMK	TF	6.3	5.3	4.3	4.0	4.0	3.0	2.7	2.7	2.7	3.7	4.0
NONET	TF	6.0	5.3	4.0	3.7	4.0	2.7	3.0	3.0	3.0	3.7	3.7
RS4	TF	6.0	6.3	4.7	4.3	3.7	3.0	3.0	3.0	3.0	3.3	3.3
THOR	TF	6.3	6.0	4.0	4.0	3.7	3.3	3.0	3.0	3.0	3.0	3.3
TITANIUM 2LS	TF	6.3	5.7	3.7	3.7	3.7	3.0	3.0	3.0	3.0	3.0	3.7
LSD VALUE		1.7	2.9	4.5	2.2	2.2	2.5	2.3	2.3	2.3	1.6	1.4
C.V. (%)		10.8	14.1	29.1	20.9	19.1	25.7	23.0	23.0	23.0	15.7	14.6

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

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

TABLE 4B. 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/
 2020 DATA

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

NAME		QUALITY RATINGS DURING RECOVERY PERIOD						MEAN
		9/15/20	9/21/20	9/28/20	10/5/20	10/12/20	11/2/20	
THUNDERSTRUCK	TF	5.3	5.7	5.3	3.7	4.7	5.3	5.0
MRSL TF15	TF	5.0	5.3	4.7	3.7	4.3	4.3	4.6
CATALYST	TF	4.3	5.0	5.3	3.7	4.3	4.7	4.5
DLFPS 321/3677	TF	4.3	5.0	4.7	3.7	4.3	4.7	4.5
STETSON II	TF	4.7	4.3	5.3	4.0	5.0	4.7	4.5
DLFPS 321/3679	TF	4.7	4.7	4.7	3.3	4.7	4.3	4.4
PST-5SDS	TF	4.7	4.7	4.7	3.7	4.3	4.3	4.4
BAR FA 121095	TF	4.7	4.3	4.3	3.3	4.0	4.7	4.3
BARROBUSTO	TF	4.0	4.7	5.0	3.3	4.0	4.7	4.3
DLFPS 321/3678	TF	4.7	5.0	5.0	3.7	4.3	5.0	4.3
KINGDOM	TF	3.7	4.0	4.7	3.0	3.7	4.3	4.3
LTP-SYN-A3	TF	4.7	4.7	5.7	3.3	4.3	4.3	4.3
PST-R511	TF	5.0	5.0	5.0	4.0	4.3	5.0	4.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.7	5.0	6.0	4.3	5.0	5.7	4.3
SUPERSONIC	TF	4.7	5.0	4.7	4.0	5.0	5.0	4.3
GO-AOMK	TF	4.3	4.7	5.0	3.3	4.7	4.7	4.2
NONET	TF	4.7	4.3	4.7	3.7	4.3	4.7	4.2
RS4	TF	3.7	4.7	4.0	3.7	4.0	4.3	4.2
THOR	TF	4.0	4.3	4.3	3.3	3.7	4.0	4.2
TITANIUM 2LS	TF	4.7	5.0	4.3	3.7	4.3	4.7	4.1
LSD VALUE		1.9	2.7	2.7	1.9	2.2	1.9	1.4
C.V. (%)		15.1	16.9	17.9	16.3	16.3	14.0	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 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 FORT COLLINS, CO 1/
2020 DATA

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

NAME		WINTER % COVER			PRE-DROUGHT	PERCENT COVER	RATINGS	
		4/8/20	5/12/20	5/20/20	5/26/20	6/1/20	6/8/20	6/15/20
THUNDERSTRUCK	TF	40.7	85.0	94.7	90.0	90.0	8.7	89.0
MRSL TF15	TF	35.7	71.0	92.0	89.0	88.3	8.7	86.7
CATALYST	TF	37.3	75.7	92.3	91.7	84.7	8.3	89.7
DLFPS 321/3677	TF	37.3	79.7	93.0	85.7	90.0	8.0	87.3
STETSON II	TF	34.0	72.3	93.0	88.3	88.0	7.7	87.7
DLFPS 321/3679	TF	38.7	75.0	92.7	89.7	85.3	8.3	87.7
PST-5SDS	TF	34.7	73.7	92.0	87.3	85.0	8.0	82.7
BAR FA 121095	TF	29.3	79.3	90.3	83.3	89.0	8.3	82.0
BARROBUSTO	TF	36.0	72.0	93.7	88.0	90.0	8.0	87.3
DLFPS 321/3678	TF	32.3	70.7	90.3	80.3	84.3	8.0	86.0
KINGDOM	TF	33.7	79.3	90.3	89.0	89.0	8.3	88.0
LTP-SYN-A3	TF	37.0	76.0	93.0	91.0	91.3	8.7	90.3
PST-R511	TF	44.3	79.3	90.0	87.7	87.7	8.0	88.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		31.3	66.0	81.3	64.0	71.0	7.0	77.3
SUPERSONIC	TF	40.3	69.0	90.0	82.0	87.0	8.0	87.0
GO-AOMK	TF	31.7	71.3	90.0	85.7	83.3	8.0	87.3
NONET	TF	36.7	70.7	90.0	88.3	87.0	8.3	88.0
RS4	TF	36.7	74.3	90.3	87.3	78.7	8.0	83.0
THOR	TF	32.7	79.3	90.0	81.3	88.0	8.0	88.0
TITANIUM 2LS	TF	34.7	69.0	87.7	87.3	86.3	8.0	82.7
LSD VALUE		11.5	14.3	6.5	15.3	11.8	2.4	12.8
C.V. (%)		13.5	8.3	3.5	8.4	6.4	9.1	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 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 FORT COLLINS, CO 1/
2020 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN RATINGS										
		6/22/20	6/29/20	7/6/20	7/13/20	7/20/20	7/27/20	8/3/20	8/10/20	8/17/20	8/24/20	8/31/20
THUNDERSTRUCK	TF	90.3	82.7	77.7	74.3	65.3	61.0	56.7	48.0	54.7	63.7	60.3
MRSL TF15	TF	89.7	83.7	63.3	69.7	58.3	56.3	46.0	38.0	40.0	44.7	50.7
CATALYST	TF	88.7	84.3	69.0	71.0	56.0	44.3	44.3	28.7	36.0	48.0	52.7
DLFPS 321/3677	TF	89.7	81.7	72.7	74.0	69.7	51.7	43.3	37.0	48.0	52.7	51.0
STETSON II	TF	89.7	85.0	79.0	67.0	60.3	48.3	50.3	31.3	45.7	60.7	54.0
DLFPS 321/3679	TF	88.7	87.7	56.7	66.0	52.3	49.7	44.7	36.7	45.0	46.3	51.3
PST-5SDS	TF	88.0	87.0	67.3	61.7	56.0	50.0	42.0	32.7	47.3	48.7	44.7
BAR FA 121095	TF	89.0	80.0	61.7	65.3	57.0	36.7	38.3	29.3	41.7	51.0	52.3
BARROBUSTO	TF	89.0	81.3	64.3	56.7	53.0	43.3	44.3	37.7	38.3	38.7	36.7
DLFPS 321/3678	TF	87.7	71.3	52.3	67.0	63.7	51.7	48.7	37.7	40.0	52.7	51.0
KINGDOM	TF	88.3	80.7	65.0	63.0	53.3	48.0	42.3	35.7	38.3	38.7	46.3
LTP-SYN-A3	TF	91.0	85.7	54.7	51.3	43.7	49.0	40.0	35.0	36.0	41.7	40.7
PST-R511	TF	88.7	78.3	59.3	60.7	53.0	49.0	46.3	33.7	34.3	58.3	56.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		87.3	80.0	75.3	81.3	77.0	70.7	62.0	61.3	62.0	62.7	73.7
SUPERSONIC	TF	91.7	78.3	55.7	56.3	44.3	45.0	44.0	38.7	41.7	54.3	50.0
GO-AOMK	TF	89.0	78.7	69.7	65.7	51.7	48.3	41.3	32.3	42.0	43.3	48.0
NONET	TF	88.7	73.0	61.3	69.0	58.3	48.3	52.0	33.3	41.3	52.7	56.0
RS4	TF	90.3	78.0	56.3	63.0	59.7	37.7	41.7	34.0	39.0	39.0	45.0
THOR	TF	89.0	69.0	59.0	62.3	56.7	48.0	38.7	32.3	34.3	41.7	44.3
TITANIUM 2LS	TF	89.3	79.3	61.7	57.7	50.0	48.7	42.0	37.0	41.3	40.7	50.3
LSD VALUE		8.8	33.3	42.6	24.7	43.3	31.2	34.3	18.3	29.1	35.2	23.2
C.V. (%)		2.8	12.5	21.8	15.3	24.9	23.3	24.2	23.6	25.1	26.1	19.8

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

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

TABLE 4B. 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/
 2020 DATA

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

NAME		PERCENT GREEN COVER DURING RECOVERY					11/2/20
		9/15/20	9/21/20	9/28/20	10/5/20	10/12/20	
THUNDERSTRUCK	TF	74.0	72.3	65.3	40.3	54.7	61.0
MRSL TF15	TF	67.0	68.0	52.7	28.7	41.0	55.3
CATALYST	TF	64.3	71.0	68.7	51.7	49.3	63.3
DLFPS 321/3677	TF	63.3	68.7	61.7	38.3	46.0	57.3
STETSON II	TF	67.3	65.7	65.3	42.0	51.3	62.7
DLFPS 321/3679	TF	67.7	71.0	63.7	42.7	55.3	60.7
PST-5SDS	TF	61.0	66.0	63.7	45.3	46.3	60.7
BAR FA 121095	TF	64.3	67.7	61.3	38.3	44.3	60.0
BARROBUSTO	TF	60.0	64.0	59.7	39.7	47.3	62.0
DLFPS 321/3678	TF	68.0	65.0	65.0	40.7	49.0	64.0
KINGDOM	TF	58.7	63.3	60.3	44.3	48.0	58.3
LTP-SYN-A3	TF	60.7	67.7	69.0	50.0	50.7	60.7
PST-R511	TF	73.7	71.0	68.7	54.0	52.3	65.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		76.0	78.7	78.3	61.0	63.0	77.0
SUPERSONIC	TF	65.0	70.7	63.7	40.0	52.7	70.3
GO-AOMK	TF	61.7	69.3	62.3	45.7	48.7	59.7
NONET	TF	62.0	66.3	66.3	49.0	47.3	57.7
RS4	TF	62.7	67.0	58.7	42.0	54.3	63.3
THOR	TF	63.0	64.0	58.0	35.3	44.3	60.0
TITANIUM 2LS	TF	66.3	67.0	58.0	33.0	44.0	66.7
LSD VALUE		22.7	17.3	18.4	20.4	25.0	15.8
C.V. (%)		12.1	8.8	11.9	21.6	17.2	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 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 FORT COLLINS, CO 1/
2020 DATA

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

NAME		SPRING GREENUP	WINTER QUALITY					PRE-DROUGHT QUALITY				
			1/9/20	3/5/20	4/8/20	4/28/20	5/12/20	5/20/20	5/26/20	6/1/20	6/8/20	6/15/20
PST-5SDS	TF	6.0	1.3	1.0	2.0	5.0	5.3	7.0	7.0	7.3	7.7	6.7
DLFPS 321/3679	TF	5.3	1.0	1.3	2.0	5.3	5.0	6.7	6.7	7.0	7.0	6.0
KINGDOM	TF	5.3	1.3	1.3	2.0	4.7	5.3	7.0	6.7	7.3	6.0	6.0
THOR	TF	5.7	1.3	1.0	2.0	5.3	5.0	7.0	6.7	7.3	6.3	6.3
BAR FA 121095	TF	5.3	1.0	1.0	2.0	4.3	6.0	7.0	7.3	7.7	7.0	7.0
DLFPS 321/3678	TF	5.7	2.0	1.0	2.0	5.0	5.3	6.7	6.3	7.0	6.3	6.3
BARROBUSTO	TF	5.7	1.3	1.0	2.0	5.3	5.0	6.7	6.0	6.7	6.3	6.0
CATALYST	TF	5.3	1.3	1.0	2.3	5.3	5.7	6.7	6.7	7.0	7.0	6.7
LTP-SYN-A3	TF	6.0	1.7	1.0	2.0	5.7	5.7	6.7	6.7	7.3	7.0	6.7
NONET	TF	5.3	1.0	1.0	2.0	5.0	5.7	7.0	7.0	7.7	6.7	6.3
STETSON II	TF	5.7	1.0	1.0	2.0	5.3	5.3	6.7	6.7	7.3	7.0	6.7
SUPERSONIC	TF	5.3	1.7	1.0	2.0	5.3	5.7	6.3	7.0	7.3	6.3	6.3
MRSL TF15	TF	5.3	1.0	1.0	2.0	5.0	5.3	6.7	7.0	7.0	7.0	6.7
DLFPS 321/3677	TF	5.3	1.0	1.0	2.0	5.3	5.0	6.7	6.3	7.0	6.3	6.0
PST-R511	TF	5.7	1.7	1.0	2.0	5.3	5.3	6.7	6.0	6.0	6.0	6.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.3	2.3	1.0	2.0	3.3	3.3	5.3	3.7	3.7	4.7	4.0
THUNDERSTRUCK	TF	5.0	1.0	1.0	2.0	5.0	5.0	6.7	6.7	6.7	6.0	5.7
GO-AOMK	TF	4.3	1.0	1.0	2.0	4.7	4.7	6.7	6.3	6.0	5.7	5.3
RS4	TF	5.3	1.3	1.0	2.0	5.0	5.0	6.3	6.0	7.0	6.0	5.7
TITANIUM 2LS	TF	5.7	1.3	1.0	2.0	4.7	5.0	6.3	6.3	6.7	6.3	5.7
LSD VALUE		1.6	0.8	0.5	0.4	0.9	0.9	1.5	0.9	1.2	1.5	1.3
C.V. (%)		11.6	30.5	17.2	6.4	9.7	9.4	8.4	8.2	10.2	11.6	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 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 FORT COLLINS, CO 1/
2020 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN										
		6/22/20	6/29/20	7/6/20	7/13/20	7/20/20	7/27/20	8/3/20	8/10/20	8/17/20	8/24/20	8/31/20
PST-5SDS	TF	6.7	7.0	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.0	5.7
DLFPS 321/3679	TF	7.0	6.7	6.0	6.7	6.0	6.0	5.7	5.7	5.7	5.7	5.7
KINGDOM	TF	6.7	5.7	5.7	6.3	6.7	6.3	5.7	5.7	5.7	5.3	5.7
THOR	TF	7.0	6.0	5.7	5.7	5.7	5.7	5.3	5.3	5.3	5.0	5.3
BAR FA 121095	TF	7.0	6.7	6.0	6.3	6.0	5.3	4.3	4.3	4.3	5.0	5.0
DLFPS 321/3678	TF	6.7	6.7	6.3	6.3	6.0	5.7	5.0	5.0	5.0	4.7	5.0
BARROBUSTO	TF	6.0	6.3	5.7	5.0	5.7	5.7	5.7	5.7	5.7	4.7	5.3
CATALYST	TF	6.7	6.0	5.0	5.0	5.3	5.3	5.0	5.0	5.0	5.0	5.3
LTP-SYN-A3	TF	7.0	6.3	5.3	5.3	5.3	5.0	5.0	5.0	5.0	4.3	4.7
NONET	TF	6.7	6.7	5.7	5.3	5.3	5.7	4.7	4.7	4.7	4.3	4.7
STETSON II	TF	7.0	6.7	5.7	5.7	5.0	5.3	4.7	4.7	4.7	4.0	4.0
SUPERSONIC	TF	6.7	6.7	5.7	5.3	4.7	4.7	4.3	4.3	4.3	4.3	4.3
MRSL TF15	TF	6.7	5.7	5.0	5.0	5.0	4.7	4.3	4.3	4.3	4.0	4.3
DLFPS 321/3677	TF	7.0	6.0	5.0	5.0	5.0	5.0	4.7	4.7	4.7	4.7	4.7
PST-R511	TF	6.3	6.0	4.3	5.0	5.0	4.7	5.0	5.0	5.0	4.0	4.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.7	5.7	5.3	5.7	5.3	5.7	5.0	5.0	5.0	5.7	5.3
THUNDERSTRUCK	TF	6.7	6.3	4.7	5.0	4.7	5.0	4.3	4.3	4.3	4.3	4.7
GO-AOMK	TF	6.3	5.7	5.3	5.3	5.3	4.7	4.7	4.7	4.7	3.7	4.0
RS4	TF	6.3	6.0	5.0	4.3	4.7	4.3	4.0	4.0	4.0	3.7	4.3
TITANIUM 2LS	TF	6.0	5.3	4.3	4.0	4.0	4.0	4.3	4.3	4.3	3.3	3.7
LSD VALUE		2.0	1.9	3.7	3.2	3.4	3.7	3.0	3.0	3.0	2.2	2.0
C.V. (%)		10.2	11.4	20.7	20.5	20.6	22.2	19.9	19.9	19.9	19.9	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 4C. 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/
 2020 DATA

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

NAME		QUALITY RATINGS DURING RECOVERY PERIOD						MEAN
		9/15/20	9/21/20	9/28/20	10/5/20	10/12/20	11/2/20	
PST-5SDS	TF	5.7	6.3	6.3	4.3	6.0	6.0	5.5
DLFPS 321/3679	TF	5.3	5.7	5.3	4.0	5.7	5.7	5.4
KINGDOM	TF	5.3	5.7	5.7	4.3	5.3	5.7	5.4
THOR	TF	6.0	6.0	6.3	5.0	6.3	5.3	5.4
BAR FA 121095	TF	5.0	6.0	5.7	3.7	5.7	5.3	5.3
DLFPS 321/3678	TF	5.0	6.0	6.0	5.0	5.3	5.3	5.3
BARROBUSTO	TF	5.7	5.7	5.3	5.3	5.7	5.3	5.2
CATALYST	TF	5.7	6.0	5.7	3.7	5.0	5.3	5.2
LTP-SYN-A3	TF	5.0	5.7	6.3	4.7	5.7	5.7	5.2
NONET	TF	5.0	5.7	5.3	4.7	5.7	5.3	5.2
STETSON II	TF	5.0	5.3	6.0	5.0	6.0	5.3	5.1
SUPERSONIC	TF	5.3	5.7	6.0	5.0	6.3	5.3	5.1
MRSL TF15	TF	5.0	5.3	6.0	5.0	6.0	5.3	5.0
DLFPS 321/3677	TF	5.0	5.3	5.3	4.7	5.3	5.7	4.9
PST-R511	TF	5.0	5.3	6.3	5.3	5.3	5.0	4.9
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.3	6.3	7.0	5.3	6.3	6.3	4.8
THUNDERSTRUCK	TF	4.7	5.3	5.3	4.0	5.3	5.3	4.8
GO-AOMK	TF	4.3	4.7	5.0	4.0	5.3	5.0	4.7
RS4	TF	4.7	5.0	5.0	4.7	4.7	5.0	4.6
TITANIUM 2LS	TF	4.7	5.0	5.7	4.7	5.3	5.0	4.6
LSD VALUE		2.6	3.3	2.8	1.6	2.1	1.5	1.6
C.V. (%)		16.5	17.0	15.9	15.1	13.2	10.1	10.2

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

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

TABLE 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 FORT COLLINS, CO 1/
2020 DATA

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

NAME		WINTER % COVER			PRE-DROUGHT	PERCENT COVER RATINGS		6/15/20
		4/8/20	5/12/20	5/20/20	5/26/20	6/1/20	6/8/20	
PST-5SDS	TF	26.7	83.7	95.3	90.7	90.7	9.0	89.3
DLFPS 321/3679	TF	27.7	83.3	99.0	87.7	90.0	8.0	88.7
KINGDOM	TF	22.3	82.7	93.3	90.3	86.0	8.0	86.3
THOR	TF	20.0	80.7	94.0	89.0	88.7	8.3	89.7
BAR FA 121095	TF	18.7	83.3	96.0	92.7	90.3	8.0	90.3
DLFPS 321/3678	TF	26.3	86.7	92.3	89.3	89.7	8.3	86.7
BARROBUSTO	TF	27.7	81.7	92.0	88.0	84.7	8.0	87.7
CATALYST	TF	31.7	81.7	93.3	90.3	86.0	8.3	83.3
LTP-SYN-A3	TF	29.7	84.7	95.0	90.7	83.3	8.7	85.3
NONET	TF	25.0	85.0	94.7	86.0	90.3	8.0	89.0
STETSON II	TF	24.0	88.0	94.0	89.0	89.7	7.7	88.7
SUPERSONIC	TF	27.7	82.0	91.7	93.0	87.7	7.7	85.7
MRSL TF15	TF	23.7	81.0	94.0	92.0	87.7	8.3	87.0
DLFPS 321/3677	TF	23.3	80.7	95.7	88.0	90.0	7.7	86.7
PST-R511	TF	31.0	83.0	93.3	87.7	81.0	7.3	85.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		33.3	61.3	72.3	54.0	64.0	6.7	75.0
THUNDERSTRUCK	TF	21.0	72.3	94.7	83.0	87.0	8.0	87.0
GO-AOMK	TF	22.0	79.3	90.3	89.0	82.0	8.0	82.7
RS4	TF	25.0	75.7	91.3	81.3	78.0	7.7	81.0
TITANIUM 2LS	TF	25.0	79.0	92.0	87.3	88.0	8.0	78.7
LSD VALUE		14.5	9.1	6.2	10.0	11.3	2.2	14.6
C.V. (%)		22.3	6.4	4.1	7.0	7.2	9.9	6.7

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

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

TABLE 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 FORT COLLINS, CO 1/
2020 DATA

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

NAME		PERCENT GREEN COVER DURING DRY DOWN RATINGS										
		6/22/20	6/29/20	7/6/20	7/13/20	7/20/20	7/27/20	8/3/20	8/10/20	8/17/20	8/24/20	8/31/20
PST-5SDS	TF	93.0	90.3	80.0	78.3	80.0	74.0	75.0	72.0	74.7	76.7	68.7
DLFPS 321/3679	TF	92.0	89.0	83.7	86.3	89.7	79.3	80.0	74.0	75.3	80.0	76.7
KINGDOM	TF	89.7	87.0	87.0	86.3	89.0	80.3	78.0	68.0	69.7	78.0	73.7
THOR	TF	88.3	82.3	85.7	86.7	83.0	79.3	77.0	77.7	76.3	76.7	70.7
BAR FA 121095	TF	92.0	85.0	84.3	77.3	85.3	74.7	71.0	65.3	67.7	71.3	59.0
DLFPS 321/3678	TF	90.3	87.3	85.3	86.3	83.0	73.7	74.3	69.0	64.3	74.0	56.3
BARROBUSTO	TF	89.7	85.7	70.7	70.7	73.0	77.0	71.3	69.7	58.7	71.0	62.7
CATALYST	TF	87.7	73.7	70.3	76.0	74.3	70.3	76.0	67.3	70.0	77.7	74.3
LTP-SYN-A3	TF	91.0	80.0	70.7	72.3	73.0	70.0	73.3	60.0	60.7	63.3	62.7
NONET	TF	91.3	86.0	80.7	75.0	80.3	76.3	73.3	64.0	65.7	69.7	61.7
STETSON II	TF	90.0	88.7	77.0	78.3	73.7	68.0	64.3	62.0	64.3	63.0	56.3
SUPERSONIC	TF	91.3	80.0	77.7	76.7	76.3	74.3	70.3	62.0	66.0	68.7	65.0
MRS� TF15	TF	88.0	83.3	73.7	77.7	78.3	72.0	69.0	63.3	53.3	62.3	60.7
DLFPS 321/3677	TF	88.7	79.7	77.7	71.7	79.7	72.7	73.0	68.0	65.0	76.3	71.0
PST-R511	TF	87.3	78.3	74.0	72.3	71.3	68.3	69.3	57.7	60.7	60.7	62.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		85.7	75.3	74.7	82.0	82.3	77.0	77.7	75.3	79.0	76.0	75.3
THUNDERSTRUCK	TF	89.3	79.3	70.7	75.3	74.0	69.0	64.7	63.7	63.3	63.0	57.7
GO-AOMK	TF	88.3	79.3	77.3	74.0	72.0	67.3	60.7	65.0	62.7	63.7	56.0
RS4	TF	89.3	79.7	64.3	71.3	73.0	67.0	64.3	61.3	48.3	66.3	59.3
TITANIUM 2LS	TF	88.7	71.7	58.7	68.7	65.0	62.0	63.3	57.7	48.0	48.3	56.3
LSD VALUE		9.4	28.5	35.4	37.8	29.9	36.0	33.4	26.7	23.0	30.5	28.1
C.V. (%)		3.5	11.4	16.1	14.8	13.4	14.4	14.7	14.1	16.2	17.0	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 4C. 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/
 2020 DATA

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

NAME		PERCENT GREEN COVER DURING RECOVERY					11/2/20
		9/15/20	9/21/20	9/28/20	10/5/20	10/12/20	
PST-5SDS	TF	75.0	80.3	69.0	56.0	57.0	66.0
DLFPS 321/3679	TF	73.0	69.0	67.7	52.3	56.7	57.3
KINGDOM	TF	75.7	72.3	63.0	54.0	55.3	57.7
THOR	TF	74.3	80.7	69.0	61.3	57.3	65.0
BAR FA 121095	TF	75.3	75.7	67.3	54.3	53.0	58.3
DLFPS 321/3678	TF	77.3	78.0	69.3	58.7	60.3	63.7
BARROBUSTO	TF	70.3	76.3	70.3	56.7	57.3	62.7
CATALYST	TF	79.3	77.7	57.7	50.3	56.0	67.7
LTP-SYN-A3	TF	72.0	78.7	66.3	56.3	62.0	67.7
NONET	TF	73.3	73.7	68.7	53.0	57.0	66.3
STETSON II	TF	76.0	73.3	65.7	57.3	60.7	65.7
SUPERSONIC	TF	72.3	78.7	71.7	63.0	64.3	69.0
MRS� TF15	TF	68.3	74.7	63.7	61.0	62.7	65.0
DLFPS 321/3677	TF	68.0	68.0	68.0	55.3	59.7	67.3
PST-R511	TF	83.0	79.3	62.7	59.0	63.0	69.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		82.3	84.0	79.7	71.3	77.3	90.7
THUNDERSTRUCK	TF	75.7	70.0	64.0	58.0	53.0	62.3
GO-AOMK	TF	60.7	63.7	63.0	56.3	62.3	63.7
RS4	TF	64.0	67.0	63.7	59.0	56.3	62.0
TITANIUM 2LS	TF	64.0	68.0	64.3	59.0	57.3	67.7
LSD VALUE		21.4	25.4	20.6	20.5	16.2	8.5
C.V. (%)		11.6	12.0	11.0	12.7	11.8	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 5A.

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT AMHERST (DRY DOWN 1), MA 1/
2020 DATA

TOTAL WATER APPLIED WITH MM 2/

NAME		QUALITY RATINGS DURING DRY DOWN					RECOVERY	MEAN	# OF DAYS TO 1st WATERING	TOTAL WATER APPLIED (mm)
		6/29/20	7/6/20	7/14/20	7/21/20	7/27/20	8/5/20			
BLUE DEVIL	KB	.	.	.	.	.	.	.	.	.
PST-K15-169	KB	.	.	.	.	.	.	.	.	.
NAI-13-14	KB	8.0	8.0	7.0	4.0	4.0	5.0	6.0	25.0	8.7
PST-K11-118	KB	7.0	7.0	6.0	5.0	5.0	5.0	5.0	23.0	8.7
EVEREST	KB	8.0	7.0	7.0	4.0	3.0	5.5	4.9	23.0	14.3
BABE	KB	8.0	7.0	4.5	5.0	5.0	5.0	5.8	18.0	17.3
MIDNIGHT	KB	7.5	7.0	6.0	4.5	5.0	6.0	6.0	23.0	17.3
NAI-13-132	KB	9.0	8.0	7.0	5.0	4.5	6.5	6.0	20.5	17.3
BAR FA 121095	TF	8.0	6.3	6.0	5.3	5.0	7.0	6.3	22.3	20.3
DLFPS 321/3678	TF	8.0	7.0	6.0	5.7	5.7	7.7	6.7	21.3	23.0
DLFPS 321/3679	TF	9.0	7.0	6.3	6.0	5.0	6.3	6.6	25.7	23.0
LTP-SYN-A3	TF	8.3	7.3	6.3	5.3	5.7	7.7	6.8	26.0	23.0
NONET	TF	8.3	7.0	6.7	7.0	7.3	8.0	7.4	21.3	23.0
STETSON II	TF	8.0	7.3	6.0	5.7	5.7	7.3	6.7	25.7	23.0
THOR	TF	8.7	7.7	6.3	5.7	5.3	8.0	6.9	25.7	23.0
BAR PP 110358	KB	7.7	7.0	6.0	5.0	4.7	6.0	5.8	20.3	26.0
BARRARI	KB	6.7	7.0	5.3	5.0	5.0	6.0	5.8	20.3	26.0
BARROBUSTO	TF	8.0	7.0	7.0	6.0	6.7	7.7	7.1	25.0	26.0
BLUE NOTE	KB	8.0	7.3	6.7	4.7	5.3	7.0	6.5	23.7	26.0
CATALYST	TF	8.3	8.0	5.7	6.3	6.0	7.3	6.9	22.3	26.0
DAUNTLESS	KB	7.7	6.7	5.3	5.3	4.3	5.0	5.7	18.0	26.0
DLFPS 321/3677	TF	8.7	7.7	6.7	6.3	6.7	8.0	7.3	19.7	26.0
GO-AOMK	TF	8.3	6.7	6.0	6.7	6.7	8.0	7.1	18.0	26.0
KINGDOM	TF	8.3	7.0	6.3	6.3	6.3	8.0	7.1	18.0	26.0
MRSL TF15	TF	8.7	7.3	6.0	6.7	6.7	8.0	7.2	18.0	26.0
PST-SSDS	TF	8.0	7.0	6.0	6.3	6.3	7.3	6.8	20.3	26.0
PST-K13-137	KB	7.3	7.3	6.7	5.3	5.0	6.7	6.5	23.0	26.0
PST-K13-141	KB	7.7	7.0	6.3	4.3	5.0	5.3	5.9	22.0	26.0
PST-K13-143	KB	7.7	7.7	5.7	4.7	4.3	5.0	5.8	19.7	26.0
PST-R511	TF	8.0	7.3	6.0	6.0	6.0	8.0	6.9	20.3	26.0
RS4	TF	9.0	7.3	6.3	6.3	6.7	8.0	7.3	19.7	26.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		8.0	6.0	5.7	4.7	5.0	6.0	5.9	20.3	26.0
SUPERSONIC	TF	9.0	7.7	7.0	4.7	5.3	7.0	6.8	24.3	26.0
THUNDERSTRUCK	TF	8.3	7.0	6.3	5.3	6.0	7.7	6.8	20.3	26.0
TITANIUM 2LS	TF	8.3	7.3	6.3	6.0	6.3	7.7	7.0	18.0	26.0
LSD VALUE		1.1	1.3	1.6	2.0	2.0	1.2	1.0	8.7	16.1
C.V. (%)		6.3	7.2	10.1	16.2	16.9	10.0	8.2	15.5	28.8

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

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

TABLE 5A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT AMHERST (DRY DOWN 1), MA 1/
2020 DATA

TOTAL WATER APPLIED WITH MM 2/

NAME		PERCENT GREEN COVER DURING DRY DOWN									PERCENT GREEN COVER DURING RECOVERY			
		6/29/20	7/7/20	7/14/20	7/15/20	7/16/20	7/19/20	7/20/20	7/24/20	7/25/20	7/27/20	7/29/20	8/5/20	8/10/20
BLUE DEVIL	KB	.	.	.	.	.	.	.	.	.	.	.	.	.
PST-K15-169	KB	.	.	.	.	.	.	.	.	.	.	.	.	.
NAI-13-14	KB	71.3	48.7	70.7	65.0	66.7	49.0	52.7	43.7	31.3	25.3	69.0	70.7	75.7
PST-K11-118	KB	70.3	42.0	65.0	65.7	64.0	54.7	56.7	49.7	42.7	32.3	57.3	57.0	66.3
EVEREST	KB	77.7	65.7	65.7	68.0	67.0	57.7	60.0	56.3	35.7	30.0	71.3	72.0	76.3
BABE	KB	71.3	55.7	57.7	58.7	57.7	48.7	50.7	58.7	39.0	35.7	31.7	34.0	41.7
MIDNIGHT	KB	78.0	69.0	71.0	71.0	70.0	52.3	61.3	60.7	47.3	43.7	68.7	71.7	73.7
NAI-13-132	KB	86.7	67.7	76.3	78.7	78.3	65.7	70.0	56.0	58.0	49.3	66.3	64.7	70.0
BAR FA 121095	TF	78.0	65.0	62.3	64.3	66.0	64.7	65.7	59.3	61.0	55.3	54.0	58.0	62.3
DLFPS 321/3678	TF	73.7	66.3	60.7	65.3	65.3	65.0	67.7	67.0	64.7	69.0	33.0	42.7	55.0
DLFPS 321/3679	TF	80.7	73.3	68.0	72.0	72.7	70.3	72.0	67.3	59.0	46.7	72.0	72.0	73.3
LTP-SYN-A3	TF	79.7	72.3	67.3	68.0	70.0	68.7	68.3	63.0	58.7	62.7	69.0	74.7	79.3
NONET	TF	78.0	69.0	64.3	71.0	72.3	71.0	72.3	68.0	68.7	74.7	50.0	51.0	55.3
STETSON II	TF	79.7	70.3	66.3	70.3	69.3	68.0	68.3	66.7	62.0	61.0	67.0	71.7	77.0
THOR	TF	80.3	76.7	71.0	71.7	74.3	71.7	70.3	63.0	59.3	61.0	73.3	76.3	76.0
BAR PP 110358	KB	76.7	64.7	67.3	68.0	66.3	63.3	68.0	63.0	66.3	66.7	37.3	34.7	38.0
BARRARI	KB	76.0	72.0	69.0	70.0	70.0	66.7	62.3	54.3	60.3	63.0	74.0	74.3	77.3
BARROBUSTO	TF	77.0	71.7	69.3	71.3	72.3	70.3	70.3	62.0	67.3	70.3	32.0	36.3	40.0
BLUE NOTE	KB	79.0	71.7	71.0	72.3	72.3	63.0	69.0	54.7	61.3	61.3	64.3	62.0	68.3
CATALYST	TF	77.3	71.3	59.7	63.7	63.7	63.0	67.3	69.0	65.0	66.3	56.7	64.3	69.3
DAUNTLESS	KB	78.0	69.0	63.0	66.7	67.7	65.0	65.0	64.7	61.7	59.3	66.7	60.3	65.7
DLFPS 321/3677	TF	75.7	68.3	61.0	64.7	65.7	64.7	68.3	59.7	65.0	68.7	63.0	65.3	66.0
GO-AOMK	TF	76.3	63.7	59.7	65.7	67.7	67.0	68.3	60.3	70.3	72.3	71.3	74.0	76.0
KINGDOM	TF	75.3	65.7	59.7	66.3	66.3	63.7	65.0	63.3	63.3	66.7	65.7	64.3	66.3
MRSL TF15	TF	78.7	70.7	62.7	69.7	72.0	69.3	70.3	66.0	69.0	71.0	75.0	77.3	81.3
PST-5SDS	TF	81.0	72.0	64.3	69.3	69.7	69.3	70.7	64.3	69.7	72.7	60.0	53.3	58.7
PST-K13-137	KB	86.3	83.3	79.3	80.7	79.3	62.7	77.0	67.7	68.7	67.7	34.0	29.7	32.7
PST-K13-141	KB	85.3	83.0	74.3	76.7	75.3	67.3	70.3	50.7	61.0	63.3	55.7	60.3	64.7
PST-K13-143	KB	78.7	73.0	63.0	67.3	66.0	54.3	62.3	49.0	55.0	53.3	73.7	67.7	70.7
PST-R511	TF	74.7	70.0	64.0	67.0	70.0	70.0	69.7	63.7	69.3	71.3	48.3	66.3	78.3
RS4	TF	77.3	67.3	61.7	67.7	67.7	66.3	70.0	64.7	69.0	71.3	54.7	53.0	62.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		82.7	73.7	65.7	68.7	70.0	64.3	66.0	62.3	63.7	63.0	48.0	49.3	58.0
SUPERSONIC	TF	80.3	74.7	68.3	68.0	67.7	57.3	64.0	57.3	53.0	56.0	57.0	56.7	62.0
THUNDERSTRUCK	TF	79.0	72.0	64.7	69.0	68.3	66.7	68.0	66.7	64.0	67.7	82.0	84.0	87.0
TITANIUM 2LS	TF	77.7	69.3	61.7	66.7	68.7	69.3	69.7	58.7	68.3	73.0	72.3	70.3	70.0
LSD VALUE		13.0	35.4	21.7	21.7	21.8	14.8	16.5	24.6	17.6	22.9	37.9	25.5	21.9
C.V. (%)		6.7	17.9	11.7	10.2	10.1	11.4	10.8	15.0	16.5	21.7	29.2	22.9	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 5B.

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT AMHERST (DRY DOWN 1), MA 1/
2020 DATA

NAME		TOTAL WATER APPLIED WITH MM 2/					RECOVERY QUALITY 8/5/20	MEAN	# OF DAYS TO 1st WATERING	TOTAL WATER APPLIED (mm)
		6/29/20	7/6/20	7/14/20	7/21/20	7/27/20				
BLUE DEVIL	KB	.	.	.	.	.	.	.	.	.
PST-K15-169	KB	.	.	.	.	.	.	.	.	.
NAI-13-14	KB	8.0	8.0	7.0	4.0	4.0	5.0	6.0	25.0	8.7
PST-K11-118	KB	7.0	7.0	6.0	5.0	5.0	5.0	5.0	23.0	8.7
EVEREST	KB	8.0	7.0	7.0	4.0	3.0	5.5	4.9	23.0	14.3
BABE	KB	8.0	7.0	4.5	5.0	5.0	5.0	5.8	18.0	17.3
MIDNIGHT	KB	7.5	7.0	6.0	4.5	5.0	6.0	6.0	23.0	17.3
NAI-13-132	KB	9.0	8.0	7.0	5.0	4.5	6.5	6.0	20.5	17.3
BAR PP 110358	KB	7.7	7.0	6.0	5.0	4.7	6.0	5.8	20.3	26.0
BARRARI	KB	6.7	7.0	5.3	5.0	5.0	6.0	5.8	20.3	26.0
BLUE NOTE	KB	8.0	7.3	6.7	4.7	5.3	7.0	6.5	23.7	26.0
DAUNTLESS	KB	7.7	6.7	5.3	5.3	4.3	5.0	5.7	18.0	26.0
PST-K13-137	KB	7.3	7.3	6.7	5.3	5.0	6.7	6.5	23.0	26.0
PST-K13-141	KB	7.7	7.0	6.3	4.3	5.0	5.3	5.9	22.0	26.0
PST-K13-143	KB	7.7	7.7	5.7	4.7	4.3	5.0	5.8	19.7	26.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		8.0	6.0	5.7	4.7	5.0	6.0	5.9	20.3	26.0
LSD VALUE		2.2	1.4	1.9	2.7	1.8	1.6	1.9	6.2	22.0
C.V. (%)		8.7	7.1	11.3	15.8	13.8	12.3	11.1	10.6	44.5

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 KENTUCKY BLUEGRASS CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT AMHERST (DRY DOWN 1), MA 1/
2020 DATA

NAME		TOTAL WATER APPLIED WITH MM 2/										PERCENT GREEN COVER DURING RECOVERY		
		6/29/20	7/7/20	7/14/20	7/15/20	7/16/20	7/19/20	7/20/20	7/24/20	7/25/20	7/27/20	7/29/20	8/5/20	8/10/20
BLUE DEVIL	KB	.	.	.	.	.	.	.	.	.	.	.	.	.
PST-K15-169	KB	.	.	.	.	.	.	.	.	.	.	.	.	.
NAI-13-14	KB	71.3	48.7	70.7	65.0	66.7	49.0	52.7	43.7	31.3	25.3	69.0	70.7	75.7
PST-K11-118	KB	70.3	42.0	65.0	65.7	64.0	54.7	56.7	49.7	42.7	32.3	57.3	57.0	66.3
EVEREST	KB	77.7	65.7	65.7	68.0	67.0	57.7	60.0	56.3	35.7	30.0	71.3	72.0	76.3
BABE	KB	71.3	55.7	57.7	58.7	57.7	48.7	50.7	58.7	39.0	35.7	31.7	34.0	41.7
MIDNIGHT	KB	78.0	69.0	71.0	71.0	70.0	52.3	61.3	60.7	47.3	43.7	68.7	71.7	73.7
NAI-13-132	KB	86.7	67.7	76.3	78.7	78.3	65.7	70.0	56.0	58.0	49.3	66.3	64.7	70.0
BAR PP 110358	KB	76.7	64.7	67.3	68.0	66.3	63.3	68.0	63.0	66.3	66.7	37.3	34.7	38.0
BARRARI	KB	76.0	72.0	69.0	70.0	70.0	66.7	62.3	54.3	60.3	63.0	74.0	74.3	77.3
BLUE NOTE	KB	79.0	71.7	71.0	72.3	72.3	63.0	69.0	54.7	61.3	61.3	64.3	62.0	68.3
DAUNTLESS	KB	78.0	69.0	63.0	66.7	67.7	65.0	65.0	64.7	61.7	59.3	66.7	60.3	65.7
PST-K13-137	KB	86.3	83.3	79.3	80.7	79.3	62.7	77.0	67.7	68.7	67.7	34.0	29.7	32.7
PST-K13-141	KB	85.3	83.0	74.3	76.7	75.3	67.3	70.3	50.7	61.0	63.3	55.7	60.3	64.7
PST-K13-143	KB	78.7	73.0	63.0	67.3	66.0	54.3	62.3	49.0	55.0	53.3	73.7	67.7	70.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		82.7	73.7	65.7	68.7	70.0	64.3	66.0	62.3	63.7	63.0	48.0	49.3	58.0
LSD VALUE		14.7	41.7	19.0	15.4	15.8	13.3	16.6	33.2	25.5	34.8	35.3	25.9	21.0
C.V. (%)		8.5	25.2	11.7	10.2	10.3	11.5	12.7	21.1	24.0	33.1	29.1	24.4	19.2

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

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

TABLE 5C.

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT AMHERST (DRY DOWN 1), MA 1/
2020 DATA

NAME		TOTAL WATER APPLIED WITH MM 2/					RECOVERY QUALITY 8/5/20	MEAN	# OF DAYS TO 1st WATERING	TOTAL WATER APPLIED (mm)
		6/29/20	QUALITY 7/6/20	RATINGS 7/14/20	DURING 7/21/20	DRY DOWN 7/27/20				
BAR FA 121095	TF	8.0	6.3	6.0	5.3	5.0	7.0	6.3	22.3	20.3
DLFPS 321/3678	TF	8.0	7.0	6.0	5.7	5.7	7.7	6.7	21.3	23.0
DLFPS 321/3679	TF	9.0	7.0	6.3	6.0	5.0	6.3	6.6	25.7	23.0
LTP-SYN-A3	TF	8.3	7.3	6.3	5.3	5.7	7.7	6.8	26.0	23.0
NONET	TF	8.3	7.0	6.7	7.0	7.3	8.0	7.4	21.3	23.0
STETSON II	TF	8.0	7.3	6.0	5.7	5.7	7.3	6.7	25.7	23.0
THOR	TF	8.7	7.7	6.3	5.7	5.3	8.0	6.9	25.7	23.0
BARROBUSTO	TF	8.0	7.0	7.0	6.0	6.7	7.7	7.1	25.0	26.0
CATALYST	TF	8.3	8.0	5.7	6.3	6.0	7.3	6.9	22.3	26.0
DLFPS 321/3677	TF	8.7	7.7	6.7	6.3	6.7	8.0	7.3	19.7	26.0
GO-AOMK	TF	8.3	6.7	6.0	6.7	6.7	8.0	7.1	18.0	26.0
KINGDOM	TF	8.3	7.0	6.3	6.3	6.3	8.0	7.1	18.0	26.0
MDSL TF15	TF	8.7	7.3	6.0	6.7	6.7	8.0	7.2	18.0	26.0
PST-5SDS	TF	8.0	7.0	6.0	6.3	6.3	7.3	6.8	20.3	26.0
PST-R511	TF	8.0	7.3	6.0	6.0	6.0	8.0	6.9	20.3	26.0
RS4	TF	9.0	7.3	6.3	6.3	6.7	8.0	7.3	19.7	26.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		8.0	6.0	5.7	4.7	5.0	6.0	5.9	20.3	26.0
SUPERSONIC	TF	9.0	7.7	7.0	4.7	5.3	7.0	6.8	24.3	26.0
THUNDERSTRUCK	TF	8.3	7.0	6.3	5.3	6.0	7.7	6.8	20.3	26.0
TITANIUM 2LS	TF	8.3	7.3	6.3	6.0	6.3	7.7	7.0	18.0	26.0
LSD VALUE		0.8	0.9	1.7	2.5	2.7	1.1	1.0	8.7	11.5
C.V. (%)		4.8	6.8	9.8	16.2	17.1	7.8	6.4	17.4	14.1

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 TALL FESCUE CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT AMHERST (DRY DOWN 1), MA 1/
2020 DATA

NAME		TOTAL WATER APPLIED WITH MM 2/										PERCENT GREEN COVER		
		PERCENT GREEN COVER DURING DRY DOWN							DURING RECOVERY					
		6/29/20	7/7/20	7/14/20	7/15/20	7/16/20	7/19/20	7/20/20	7/24/20	7/25/20	7/27/20	7/29/20	8/5/20	8/10/20
BAR FA 121095	TF	78.0	65.0	62.3	64.3	66.0	64.7	65.7	59.3	61.0	55.3	54.0	58.0	62.3
DLFPS 321/3678	TF	73.7	66.3	60.7	65.3	65.3	65.0	67.7	67.0	64.7	69.0	33.0	42.7	55.0
DLFPS 321/3679	TF	80.7	73.3	68.0	72.0	72.0	70.3	72.0	67.3	59.0	46.7	72.0	72.0	73.3
LTP-SYN-A3	TF	79.7	72.3	67.3	68.0	70.0	68.7	68.3	63.0	58.7	62.7	69.0	74.7	79.3
NONET	TF	78.0	69.0	64.3	71.0	72.3	71.0	72.3	68.0	68.7	74.7	50.0	51.0	55.3
STETSON II	TF	79.7	70.3	66.3	70.3	69.3	68.0	68.3	66.7	62.0	61.0	67.0	71.7	77.0
THOR	TF	80.3	76.7	71.0	71.7	74.3	71.7	70.3	63.0	59.3	61.0	73.3	76.3	76.0
BARROBUSTO	TF	77.0	71.7	69.3	71.3	72.3	70.3	70.3	62.0	67.3	70.3	32.0	36.3	40.0
CATALYST	TF	77.3	71.3	59.7	63.7	63.7	63.0	67.3	69.0	65.0	66.3	56.7	64.3	69.3
DLFPS 321/3677	TF	75.7	68.3	61.0	64.7	65.7	64.7	68.3	59.7	65.0	68.7	63.0	65.3	66.0
GO-AOMK	TF	76.3	63.7	59.7	65.7	67.7	67.0	68.3	60.3	70.3	72.3	71.3	74.0	76.0
KINGDOM	TF	75.3	65.7	59.7	66.3	66.3	63.7	65.0	63.3	63.3	66.7	65.7	64.3	66.3
MRSL TF15	TF	78.7	70.7	62.7	69.7	72.0	69.3	70.3	66.0	69.0	71.0	75.0	77.3	81.3
PST-5SDS	TF	81.0	72.0	64.3	69.3	69.7	69.3	70.7	64.3	69.7	72.7	60.0	53.3	58.7
PST-R511	TF	74.7	70.0	64.0	67.0	70.0	70.0	69.7	63.7	69.3	71.3	48.3	66.3	78.3
RS4	TF	77.3	67.3	61.7	67.7	67.7	66.3	70.0	64.7	69.0	71.3	54.7	53.0	62.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		82.7	73.7	65.7	68.7	70.0	64.3	66.0	62.3	63.7	63.0	48.0	49.3	58.0
SUPERSONIC	TF	80.3	74.7	68.3	68.0	67.7	57.3	64.0	57.3	53.0	56.0	57.0	56.7	62.0
THUNDERSTRUCK	TF	79.0	72.0	64.7	69.0	68.3	66.7	68.0	66.7	64.0	67.7	82.0	84.0	87.0
TITANIUM 2LS	TF	77.7	69.3	61.7	66.7	68.7	69.3	69.7	58.7	68.3	73.0	72.3	70.3	70.0
LSD VALUE		4.4	13.2	23.2	23.2	22.0	26.2	23.7	20.0	18.3	19.0	47.5	32.3	27.9
C.V. (%)		3.0	7.2	10.9	9.3	9.1	11.3	9.1	9.9	10.8	13.3	31.7	24.1	19.7

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

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

TABLE 6A.

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT AMHERST (DRY DOWN 2), MA 1/
2020 DATA

NAME		TOTAL WATER APPLIED WITH MM 2/								MEAN	# OF DAYS TO 1st WATERING	TOTAL WATER APPLIED (mm)
		PRE-DROUGHT QUALITY 8/5/20	8/18/20	9/4/20	9/18/20	9/25/20	9/30/20	10/6/20	10/19/20			
BLUE DEVIL	KB	.	.	.	.	.	.	.	.	.	.	.
PST-K15-169	KB	.	.	.	.	.	.	.	.	.	.	.
NAI-13-14	KB	5.0	4.0	4.0	4.0	3.0	4.0	5.0	7.0	4.5	38.0	8.7
PST-K11-118	KB	5.0	5.0	5.0	4.0	4.0	5.0	5.0	8.0	4.6	34.0	8.7
BABE	KB	5.0	4.5	4.0	2.5	3.0	3.5	5.0	6.5	4.3	30.0	14.3
EVEREST	KB	5.5	5.5	5.0	4.0	4.5	4.5	5.0	7.0	5.1	30.0	17.3
NAI-13-132	KB	6.5	7.0	6.0	4.0	5.5	5.5	6.5	7.5	6.1	30.5	17.3
BAR FA 121095	TF	7.0	8.0	8.0	7.0	4.7	4.0	7.3	8.0	6.8	39.3	20.0
DLFPS 321/3677	TF	8.0	8.0	8.0	7.3	4.7	5.0	7.7	8.0	7.1	39.0	20.0
LTP-SYN-A3	TF	7.7	8.0	8.0	7.0	4.7	5.0	8.0	8.0	7.0	39.3	20.0
MRS L TF15	TF	8.0	8.0	8.0	7.0	4.7	5.0	8.0	8.0	7.1	37.7	20.0
NONET	TF	8.0	8.0	8.0	7.7	5.7	5.3	8.0	8.0	7.3	39.3	20.0
PST-5SDS	TF	7.3	8.0	8.0	7.7	5.0	3.7	7.7	8.0	6.9	40.7	20.0
RS4	TF	8.0	8.0	8.0	7.7	4.7	4.7	7.7	8.0	7.1	40.0	20.0
STETSON II	TF	7.3	8.0	8.0	7.3	5.0	5.0	8.0	8.0	7.1	39.3	20.0
BAR PP 110358	KB	6.0	5.7	5.7	4.7	4.7	4.3	5.0	6.3	5.3	36.7	20.3
GO-AOMK	TF	8.0	8.0	8.0	6.3	4.0	5.7	8.0	8.0	7.0	36.7	20.3
BARROBUSTO	TF	7.7	8.0	8.0	7.3	5.0	5.7	8.0	8.0	7.2	37.7	23.0
CATALYST	TF	7.3	8.0	8.0	6.7	5.0	5.0	8.0	8.0	7.0	37.3	23.0
DLFPS 321/3678	TF	7.7	8.0	8.0	7.0	4.3	5.0	8.0	8.0	7.0	38.3	23.0
DLFPS 321/3679	TF	6.3	7.7	8.0	7.7	3.7	4.7	8.0	8.0	6.8	39.0	23.0
KINGDOM	TF	8.0	8.0	8.0	6.0	4.7	6.3	8.0	8.0	7.1	35.7	23.0
MIDNIGHT	KB	6.0	5.5	5.5	4.0	4.0	5.0	6.0	7.5	5.4	32.0	23.0
PST-K13-141	KB	5.3	5.7	6.3	4.3	4.7	5.0	6.0	7.3	5.6	34.3	23.0
SUPERSONIC	TF	7.0	8.0	8.0	7.0	4.3	5.0	8.0	8.0	6.9	38.3	23.0
THOR	TF	8.0	8.0	8.0	6.7	3.7	5.0	8.0	8.0	6.9	37.7	23.0
THUNDERSTRUCK	TF	7.7	8.0	8.0	7.0	5.0	4.3	6.7	8.0	6.8	39.0	23.0
TITANIUM 2LS	TF	7.7	8.0	8.0	6.7	4.7	6.0	8.0	8.0	7.1	36.0	23.0
BARRARI	KB	6.0	6.3	5.0	4.0	4.7	5.0	5.3	7.3	5.5	32.0	26.0
BLUE NOTE	KB	7.0	6.7	6.3	5.3	4.7	5.7	7.0	7.7	6.3	34.7	26.0
DAUNTLESS	KB	5.0	5.3	4.7	3.3	3.7	3.7	4.3	6.3	4.5	31.3	26.0
PST-K13-137	KB	6.7	5.7	5.7	4.0	5.0	5.3	5.7	7.3	5.7	33.0	26.0
PST-K13-143	KB	5.0	5.0	4.3	4.5	4.0	4.7	5.3	6.0	4.8	30.0	26.0
PST-R511	TF	8.0	8.0	8.0	6.0	4.7	6.3	8.0	8.0	7.1	35.0	26.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.0	7.0	6.3	3.3	4.0	4.7	5.7	7.7	5.6	34.0	26.0
LSD VALUE		1.2	1.5	1.3	2.0	4.1	4.2	1.7	2.7	1.1	6.6	29.1
C.V. (%)		10.0	11.8	10.9	19.1	22.7	23.6	13.5	11.5	9.9	9.0	37.9

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 6A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT AMHERST (DRY DOWN 2), MA 1/
2020 DATA

TOTAL WATER APPLIED WITH MM 2/

NAME		PERCENT GREEN COVER DURING PRE-DROUGHT				PERCENT GREEN COVER DURING DRY DOWN				
		7/29/20	8/5/20	8/10/20	8/18/20	8/25/20	9/3/20	9/8/20	9/11/20	9/14/20
BLUE DEVIL	KB	.	.	.	.	.	.	.	.	.
PST-K15-169	KB	.	.	.	.	.	.	.	.	.
NAI-13-14	KB	69.0	70.7	75.7	89.7	91.0	91.3	84.3	84.3	87.0
PST-K11-118	KB	57.3	57.0	66.3	76.3	87.0	83.7	79.7	80.0	77.3
BABE	KB	31.7	34.0	41.7	57.0	67.7	70.3	58.0	53.0	55.7
EVEREST	KB	71.3	72.0	76.3	88.0	92.3	93.3	89.7	90.0	90.3
NAI-13-132	KB	66.3	64.7	70.0	84.0	89.0	88.7	87.7	88.0	87.3
BAR FA 121095	TF	54.0	58.0	62.3	82.7	86.0	89.7	88.0	86.7	90.0
DLFPS 321/3677	TF	63.0	65.3	66.0	83.3	84.3	85.7	78.3	80.3	83.0
LTP-SYN-A3	TF	69.0	74.7	79.3	87.3	91.3	94.3	91.3	93.0	94.7
MRSL TF15	TF	75.0	77.3	81.3	90.7	93.0	93.7	87.0	87.0	87.7
NONET	TF	50.0	51.0	55.3	67.7	77.0	76.7	67.0	63.7	63.7
PST-5SDS	TF	60.0	53.3	58.7	67.7	76.3	80.3	77.3	80.3	80.0
RS4	TF	54.7	53.0	62.7	76.0	79.7	81.7	70.7	68.3	69.7
STETSON II	TF	67.0	71.7	77.0	88.0	89.7	90.3	85.3	83.7	84.0
BAR PP 110358	KB	37.3	34.7	38.0	50.0	59.3	54.7	49.0	44.3	49.0
GO-AOMK	TF	71.3	74.0	76.0	86.7	90.3	94.0	89.7	92.3	93.7
BARROBUSTO	TF	32.0	36.3	40.0	59.0	71.0	70.0	53.0	50.0	52.3
CATALYST	TF	56.7	64.3	69.3	81.0	86.7	92.0	90.0	91.7	93.3
DLFPS 321/3678	TF	33.0	42.7	55.0	74.0	83.0	83.0	72.3	67.3	65.7
DLFPS 321/3679	TF	72.0	72.0	73.3	84.3	86.3	90.0	85.7	87.0	88.3
KINGDOM	TF	65.7	64.3	66.3	81.0	83.0	83.0	78.0	75.3	75.3
MIDNIGHT	KB	68.7	71.7	73.7	87.7	89.0	92.7	89.7	89.3	90.0
PST-K13-141	KB	55.7	60.3	64.7	79.3	84.7	88.0	85.0	85.3	88.7
SUPERSONIC	TF	57.0	56.7	62.0	75.7	82.0	82.7	78.3	78.0	77.7
THOR	TF	73.3	76.3	76.0	85.7	89.0	93.0	89.7	91.3	91.3
THUNDERSTRUCK	TF	82.0	84.0	87.0	93.0	94.3	95.3	92.7	92.7	94.0
TITANIUM 2LS	TF	72.3	70.3	70.0	82.7	84.0	83.0	71.3	72.3	72.0
BARRARI	KB	74.0	74.3	77.3	88.0	90.3	89.0	86.7	88.3	89.7
BLUE NOTE	KB	64.3	62.0	68.3	82.7	85.3	85.3	82.0	83.3	83.7
DAUNTLESS	KB	66.7	60.3	65.7	81.0	87.0	87.0	81.7	80.0	80.7
PST-K13-137	KB	34.0	29.7	32.7	55.0	63.3	65.7	61.7	55.3	58.3
PST-K13-143	KB	73.7	67.7	70.7	84.3	85.0	90.7	89.3	88.0	87.7
PST-R511	TF	48.3	66.3	78.3	91.0	92.3	93.7	84.3	79.3	75.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		48.0	49.3	58.0	74.0	84.0	83.3	77.7	76.3	75.3
LSD VALUE		37.9	25.5	21.9	15.2	13.3	14.9	23.9	23.7	23.9
C.V. (%)		29.2	22.9	18.9	11.5	9.2	10.1	15.6	16.6	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 6A.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF ALL CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT AMHERST (DRY DOWN 2), MA 1/
2020 DATA

NAME		TOTAL WATER APPLIED WITH MM 2/						PERCENT GREEN COVER DURING RECOVERY	
		9/16/20	9/18/20	9/21/20	9/24/20	9/27/20	9/30/20	10/6/20	10/16/20
BLUE DEVIL	KB	.	.	.	.	.	.	.	.
PST-K15-169	KB	.	.	.	.	.	.	.	.
NAI-13-14	KB	82.3	82.7	77.0	69.3	63.3	77.0	70.7	89.7
PST-K11-118	KB	73.0	74.7	69.3	71.0	71.0	77.7	77.3	92.7
BABE	KB	52.3	61.3	59.7	66.0	69.7	80.0	62.0	87.0
EVEREST	KB	83.3	79.7	68.0	68.3	69.0	84.3	72.3	90.7
NAI-13-132	KB	81.3	78.7	69.7	67.0	69.3	85.7	85.0	97.3
BAR FA 121095	TF	83.7	82.7	76.0	56.3	76.7	87.3	91.3	98.3
DLFPS 321/3677	TF	74.3	68.0	52.7	64.7	73.7	87.0	94.3	99.0
LTP-SYN-A3	TF	91.7	88.7	79.3	53.3	73.7	85.0	93.3	99.0
MRSLS TF15	TF	84.0	82.7	73.7	72.3	72.0	86.0	94.7	99.0
NONET	TF	51.3	59.3	58.3	67.7	71.3	79.3	93.0	98.3
PST-5SDS	TF	71.0	77.3	74.3	70.7	74.0	85.7	91.7	99.0
RS4	TF	57.7	61.7	62.3	53.3	63.3	76.0	93.7	99.0
STETSON II	TF	72.0	79.7	74.3	55.0	73.0	86.0	92.3	98.0
BAR PP 110358	KB	38.7	49.0	48.3	56.3	60.7	72.7	89.0	96.3
GO-AOMK	TF	89.0	87.7	80.7	72.3	71.7	86.3	94.3	98.0
BARROBUSTO	TF	50.3	53.7	44.0	36.7	36.0	45.0	95.0	98.3
CATALYST	TF	90.3	90.3	85.7	52.7	63.7	81.7	94.7	98.7
DLFPS 321/3678	TF	54.0	55.0	59.0	44.7	38.7	50.3	94.0	98.3
DLFPS 321/3679	TF	83.7	81.3	73.0	70.3	73.0	80.0	94.0	98.7
KINGDOM	TF	62.7	68.0	70.7	68.7	79.3	88.3	93.7	98.0
MIDNIGHT	KB	84.0	76.7	78.0	70.0	75.7	87.3	74.7	91.7
PST-K13-141	KB	80.0	76.3	81.7	67.3	76.7	88.0	94.0	96.3
SUPERSONIC	TF	71.0	64.0	60.0	60.7	67.3	78.3	94.7	99.0
THOR	TF	87.7	83.0	69.3	66.7	69.3	85.7	95.0	99.0
THUNDERSTRUCK	TF	91.7	89.7	82.0	72.0	71.0	86.7	79.0	97.0
TITANIUM 2LS	TF	68.7	72.3	69.7	61.3	73.3	83.3	97.0	99.0
BARRARI	KB	86.3	84.3	77.7	60.3	74.3	86.0	89.7	96.3
BLUE NOTE	KB	81.0	79.7	71.7	61.7	67.0	84.3	92.3	97.3
DAUNTLESS	KB	71.7	77.7	73.0	72.0	75.3	83.0	88.7	94.3
PST-K13-137	KB	48.3	61.7	62.0	67.3	71.3	81.3	92.3	97.7
PST-K13-143	KB	84.7	86.0	80.0	72.3	71.0	73.7	76.0	83.0
PST-R511	TF	64.7	65.3	55.0	55.3	61.0	74.7	97.3	99.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		69.0	70.0	62.7	54.3	51.7	57.0	94.0	99.0
LSD VALUE		32.8	32.0	41.9	37.0	52.0	33.8	38.0	10.9
C.V. (%)		22.5	19.3	22.2	21.1	23.9	17.6	15.2	5.1

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

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

TABLE 6B.

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT AMHERST (DRY DOWN 2), MA 1/
2020 DATA

NAME		TOTAL WATER APPLIED WITH MM 2/								MEAN	# OF DAYS TO 1st WATERING	TOTAL WATER APPLIED (mm)
		PRE-DROUGHT QUALITY 8/5/20	8/18/20	9/4/20	9/18/20	9/25/20	9/30/20	10/6/20	10/19/20			
BLUE DEVIL	KB	.	.	.	.	.	.	.	.	.	.	.
PST-K15-169	KB	.	.	.	.	.	.	.	.	.	.	.
NAI-13-14	KB	5.0	4.0	4.0	4.0	3.0	4.0	5.0	7.0	4.5	38.0	8.7
PST-K11-118	KB	5.0	5.0	5.0	4.0	4.0	5.0	5.0	8.0	4.6	34.0	8.7
BABE	KB	5.0	4.5	4.0	2.5	3.0	3.5	5.0	6.5	4.3	30.0	14.3
EVEREST	KB	5.5	5.5	5.0	4.0	4.5	4.5	5.0	7.0	5.1	30.0	17.3
NAI-13-132	KB	6.5	7.0	6.0	4.0	5.5	5.5	6.5	7.5	6.1	30.5	17.3
BAR PP 110358	KB	6.0	5.7	5.7	4.7	4.7	4.3	5.0	6.3	5.3	36.7	20.3
MIDNIGHT	KB	6.0	5.5	5.5	4.0	4.0	5.0	6.0	7.5	5.4	32.0	23.0
PST-K13-141	KB	5.3	5.7	6.3	4.3	4.7	5.0	6.0	7.3	5.6	34.3	23.0
BARRARI	KB	6.0	6.3	5.0	4.0	4.7	5.0	5.3	7.3	5.5	32.0	26.0
BLUE NOTE	KB	7.0	6.7	6.3	5.3	4.7	5.7	7.0	7.7	6.3	34.7	26.0
DAUNTLESS	KB	5.0	5.3	4.7	3.3	3.7	3.7	4.3	6.3	4.5	31.3	26.0
PST-K13-137	KB	6.7	5.7	5.7	4.0	5.0	5.3	5.7	7.3	5.7	33.0	26.0
PST-K13-143	KB	5.0	5.0	4.3	4.5	4.0	4.7	5.3	6.0	4.8	30.0	26.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.0	7.0	6.3	3.3	4.0	4.7	5.7	7.7	5.6	34.0	26.0
LSD VALUE		1.6	4.6	4.3	3.0	3.8	2.9	3.8	4.5	2.8	7.9	29.2
C.V. (%)		12.3	24.5	24.6	24.8	26.8	20.6	21.7	18.1	17.9	8.5	52.2

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 6B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT AMHERST (DRY DOWN 2), MA 1/
2020 DATA

TOTAL WATER APPLIED WITH MM 2/

NAME		PERCENT GREEN COVER DURING PRE-DROUGHT				PERCENT GREEN COVER DURING DRY DOWN				
		7/29/20	8/5/20	8/10/20	8/18/20	8/25/20	9/3/20	9/8/20	9/11/20	9/14/20
BLUE DEVIL	KB	.	.	.	.	.	.	.	.	.
PST-K15-169	KB	.	.	.	.	.	.	.	.	.
NAI-13-14	KB	69.0	70.7	75.7	89.7	91.0	91.3	84.3	84.3	87.0
PST-K11-118	KB	57.3	57.0	66.3	76.3	87.0	83.7	79.7	80.0	77.3
BABE	KB	31.7	34.0	41.7	57.0	67.7	70.3	58.0	53.0	55.7
EVEREST	KB	71.3	72.0	76.3	88.0	92.3	93.3	89.7	90.0	90.3
NAI-13-132	KB	66.3	64.7	70.0	84.0	89.0	88.7	87.7	88.0	87.3
BAR PP 110358	KB	37.3	34.7	38.0	50.0	59.3	54.7	49.0	44.3	49.0
MIDNIGHT	KB	68.7	71.7	73.7	87.7	89.0	92.7	89.7	89.3	90.0
PST-K13-141	KB	55.7	60.3	64.7	79.3	84.7	88.0	85.0	85.3	88.7
BARRARI	KB	74.0	74.3	77.3	88.0	90.3	89.0	86.7	88.3	89.7
BLUE NOTE	KB	64.3	62.0	68.3	82.7	85.3	85.3	82.0	83.3	83.7
DAUNTLESS	KB	66.7	60.3	65.7	81.0	87.0	87.0	81.7	80.0	80.7
PST-K13-137	KB	34.0	29.7	32.7	55.0	63.3	65.7	61.7	55.3	58.3
PST-K13-143	KB	73.7	67.7	70.7	84.3	85.0	90.7	89.3	88.0	87.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		48.0	49.3	58.0	74.0	84.0	83.3	77.7	76.3	75.3
LSD VALUE		35.3	25.9	21.0	17.4	15.0	17.2	20.3	19.6	20.6
C.V. (%)		29.1	24.4	19.2	13.2	10.5	11.7	14.4	14.9	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 6B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT AMHERST (DRY DOWN 2), MA 1/
2020 DATA

NAME		TOTAL WATER APPLIED WITH MM 2/						PERCENT GREEN COVER	
		9/16/20	PERCENT GREEN COVER DURING DRY DOWN			9/30/20	DURING RECOVERY		
			9/18/20	9/21/20	9/24/20	9/27/20	9/30/20	10/6/20	10/16/20
BLUE DEVIL	KB	.	.	.	.	.	.	.	.
PST-K15-169	KB	.	.	.	.	.	.	.	.
NAI-13-14	KB	82.3	82.7	77.0	69.3	63.3	77.0	70.7	89.7
PST-K11-118	KB	73.0	74.7	69.3	71.0	71.0	77.7	77.3	92.7
BABE	KB	52.3	61.3	59.7	66.0	69.7	80.0	62.0	87.0
EVEREST	KB	83.3	79.7	68.0	68.3	69.0	84.3	72.3	90.7
NAI-13-132	KB	81.3	78.7	69.7	67.0	69.3	85.7	85.0	97.3
BAR PP 110358	KB	38.7	49.0	48.3	56.3	60.7	72.7	89.0	96.3
MIDNIGHT	KB	84.0	76.7	78.0	70.0	75.7	87.3	74.7	91.7
PST-K13-141	KB	80.0	76.3	81.7	67.3	76.7	88.0	94.0	96.3
BARRARI	KB	86.3	84.3	77.7	60.3	74.3	86.0	89.7	96.3
BLUE NOTE	KB	81.0	79.7	71.7	61.7	67.0	84.3	92.3	97.3
DAUNTLESS	KB	71.7	77.7	73.0	72.0	75.3	83.0	88.7	94.3
PST-K13-137	KB	48.3	61.7	62.0	67.3	71.3	81.3	92.3	97.7
PST-K13-143	KB	84.7	86.0	80.0	72.3	71.0	73.7	76.0	83.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		69.0	70.0	62.7	54.3	51.7	57.0	94.0	99.0
LSD VALUE		28.6	43.3	51.9	39.4	47.7	34.1	48.1	16.5
C.V. (%)		20.8	22.3	25.5	19.2	22.2	16.3	21.3	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 6C.

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT AMHERST (DRY DOWN 2), MA 1/
2020 DATA

NAME		PRE-DROUGHT QUALITY 8/5/20	TOTAL WATER APPLIED WITH MM 2/							MEAN	# OF DAYS TO 1st WATERING	TOTAL WATER APPLIED (mm)
			8/18/20	9/4/20	9/18/20	9/25/20	9/30/20	10/6/20	10/19/20			
BAR FA 121095	TF	7.0	8.0	8.0	7.0	4.7	4.0	7.3	8.0	6.8	39.3	20.0
DLFPS 321/3677	TF	8.0	8.0	8.0	7.3	4.7	5.0	7.7	8.0	7.1	39.0	20.0
LTP-SYN-A3	TF	7.7	8.0	8.0	7.0	4.7	5.0	8.0	8.0	7.0	39.3	20.0
MRS L TF15	TF	8.0	8.0	8.0	7.0	4.7	5.0	8.0	8.0	7.1	37.7	20.0
NONET	TF	8.0	8.0	8.0	7.7	5.7	5.3	8.0	8.0	7.3	39.3	20.0
PST-5SDS	TF	7.3	8.0	8.0	7.7	5.0	3.7	7.7	8.0	6.9	40.7	20.0
RS4	TF	8.0	8.0	8.0	7.7	4.7	4.7	7.7	8.0	7.1	40.0	20.0
STETSON II	TF	7.3	8.0	8.0	7.3	5.0	5.0	8.0	8.0	7.1	39.3	20.0
GO-AOMK	TF	8.0	8.0	8.0	6.3	4.0	5.7	8.0	8.0	7.0	36.7	20.3
BARROBUSTO	TF	7.7	8.0	8.0	7.3	5.0	5.7	8.0	8.0	7.2	37.7	23.0
CATALYST	TF	7.3	8.0	8.0	6.7	5.0	5.0	8.0	8.0	7.0	37.3	23.0
DLFPS 321/3678	TF	7.7	8.0	8.0	7.0	4.3	5.0	8.0	8.0	7.0	38.3	23.0
DLFPS 321/3679	TF	6.3	7.7	8.0	7.7	3.7	4.7	8.0	8.0	6.8	39.0	23.0
KINGDOM	TF	8.0	8.0	8.0	6.0	4.7	6.3	8.0	8.0	7.1	35.7	23.0
SUPERSONIC	TF	7.0	8.0	8.0	7.0	4.3	5.0	8.0	8.0	6.9	38.3	23.0
THOR	TF	8.0	8.0	8.0	6.7	3.7	5.0	8.0	8.0	6.9	37.7	23.0
THUNDERSTRUCK	TF	7.7	8.0	8.0	7.0	5.0	4.3	6.7	8.0	6.8	39.0	23.0
TITANIUM 2LS	TF	7.7	8.0	8.0	6.7	4.7	6.0	8.0	8.0	7.1	36.0	23.0
PST-R511	TF	8.0	8.0	8.0	6.0	4.7	6.3	8.0	8.0	7.1	35.0	26.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		6.0	7.0	6.3	3.3	4.0	4.7	5.7	7.7	5.6	34.0	26.0
LSD VALUE		1.1	0.5	0.6	2.6	2.4	3.5	1.1	0.4	0.3	10.6	15.0
C.V. (%)		7.8	3.3	4.3	17.3	18.0	23.2	7.6	1.6	2.8	8.8	19.8

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

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

TABLE 6C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT AMHERST (DRY DOWN 2), MA 1/
2020 DATA

TOTAL WATER APPLIED WITH MM 2/

NAME		PERCENT GREEN COVER DURING PRE-DROUGHT				PERCENT GREEN COVER DURING DRY DOWN				
		7/29/20	8/5/20	8/10/20	8/18/20	8/25/20	9/3/20	9/8/20	9/11/20	9/14/20
BAR FA 121095	TF	54.0	58.0	62.3	82.7	86.0	89.7	88.0	86.7	90.0
DLFPS 321/3677	TF	63.0	65.3	66.0	83.3	84.3	85.7	78.3	80.3	83.0
LTP-SYN-A3	TF	69.0	74.7	79.3	87.3	91.3	94.3	91.3	93.0	94.7
MRSL TF15	TF	75.0	77.3	81.3	90.7	93.0	93.7	87.0	87.0	87.7
NONET	TF	50.0	51.0	55.3	67.7	77.0	76.7	67.0	63.7	63.7
PST-5SDS	TF	60.0	53.3	58.7	67.7	76.3	80.3	77.3	80.3	80.0
RS4	TF	54.7	53.0	62.7	76.0	79.7	81.7	70.7	68.3	69.7
STETSON II	TF	67.0	71.7	77.0	88.0	89.7	90.3	85.3	83.7	84.0
GO-AOMK	TF	71.3	74.0	76.0	86.7	90.3	94.0	89.7	92.3	93.7
BARROBUSTO	TF	32.0	36.3	40.0	59.0	71.0	70.0	53.0	50.0	52.3
CATALYST	TF	56.7	64.3	69.3	81.0	86.7	92.0	90.0	91.7	93.3
DLFPS 321/3678	TF	33.0	42.7	55.0	74.0	83.0	83.0	72.3	67.3	65.7
DLFPS 321/3679	TF	72.0	72.0	73.3	84.3	86.3	90.0	85.7	87.0	88.3
KINGDOM	TF	65.7	64.3	66.3	81.0	83.0	83.0	78.0	75.3	75.3
SUPERSONIC	TF	57.0	56.7	62.0	75.7	82.0	82.7	78.3	78.0	77.7
THOR	TF	73.3	76.3	76.0	85.7	89.0	93.0	89.7	91.3	91.3
THUNDERSTRUCK	TF	82.0	84.0	87.0	93.0	94.3	95.3	92.7	92.7	94.0
TITANIUM 2LS	TF	72.3	70.3	70.0	82.7	84.0	83.0	71.3	72.3	72.0
PST-R511	TF	48.3	66.3	78.3	91.0	92.3	93.7	84.3	79.3	75.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		48.0	49.3	58.0	74.0	84.0	83.3	77.7	76.3	75.3
LSD VALUE		47.5	32.3	27.9	16.3	13.8	15.4	30.7	31.3	31.3
C.V. (%)		31.7	24.1	19.7	10.9	8.0	8.9	16.4	17.8	18.0

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

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

TABLE 6C.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT AMHERST (DRY DOWN 2), MA 1/
2020 DATA

NAME		9/16/20	TOTAL WATER APPLIED WITH MM 2/ PERCENT GREEN COVER DURING DRY DOWN					PERCENT GREEN COVER DURING RECOVERY	
			9/18/20	9/21/20	9/24/20	9/27/20	9/30/20	10/6/20	10/16/20
BAR FA 121095	TF	83.7	82.7	76.0	56.3	76.7	87.3	91.3	98.3
DLFPS 321/3677	TF	74.3	68.0	52.7	64.7	73.7	87.0	94.3	99.0
LTP-SYN-A3	TF	91.7	88.7	79.3	53.3	73.7	85.0	93.3	99.0
MRS� TF15	TF	84.0	82.7	73.7	72.3	72.0	86.0	94.7	99.0
NONET	TF	51.3	59.3	58.3	67.7	71.3	79.3	93.0	98.3
PST-5SDS	TF	71.0	77.3	74.3	70.7	74.0	85.7	91.7	99.0
RS4	TF	57.7	61.7	62.3	53.3	63.3	76.0	93.7	99.0
STETSON II	TF	72.0	79.7	74.3	55.0	73.0	86.0	92.3	98.0
GO-AOMK	TF	89.0	87.7	80.7	72.3	71.7	86.3	94.3	98.0
BARROBUSTO	TF	50.3	53.7	44.0	36.7	36.0	45.0	95.0	98.3
CATALYST	TF	90.3	90.3	85.7	52.7	63.7	81.7	94.7	98.7
DLFPS 321/3678	TF	54.0	55.0	59.0	44.7	38.7	50.3	94.0	98.3
DLFPS 321/3679	TF	83.7	81.3	73.0	70.3	73.0	80.0	94.0	98.7
KINGDOM	TF	62.7	68.0	70.7	68.7	79.3	88.3	93.7	98.0
SUPERSONIC	TF	71.0	64.0	60.0	60.7	67.3	78.3	94.7	99.0
THOR	TF	87.7	83.0	69.3	66.7	69.3	85.7	95.0	99.0
THUNDERSTRUCK	TF	91.7	89.7	82.0	72.0	71.0	86.7	79.0	97.0
TITANIUM 2LS	TF	68.7	72.3	69.7	61.3	73.3	83.3	97.0	99.0
PST-R511	TF	64.7	65.3	55.0	55.3	61.0	74.7	97.3	99.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		69.0	70.0	62.7	54.3	51.7	57.0	94.0	99.0
LSD VALUE		42.0	26.6	32.4	38.5	48.5	37.1	15.4	1.4
C.V. (%)		24.7	17.9	20.9	24.5	27.1	20.8	6.1	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 7A.

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/
2020 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN									
		4/1/20	5/1/20	6/5/20	6/12/20	6/19/20	6/26/20	7/2/20	7/7/20	7/16/20	7/23/20
KINGDOM	TF	4.0	5.3	7.0	6.7	7.7	7.3	7.3	7.0	6.7	6.7
THOR	TF	4.3	5.3	7.0	6.7	7.3	6.7	7.0	6.7	6.3	7.0
PST-5SDS	TF	5.0	6.7	7.3	6.0	7.0	6.7	7.0	6.0	6.3	6.3
CATALYST	TF	5.0	6.3	7.0	7.0	7.3	6.3	6.7	5.7	6.3	6.0
STETSON II	TF	5.0	6.7	7.0	6.3	7.0	6.0	6.0	6.3	6.0	5.7
DLFPS 321/3678	TF	6.3	7.7	7.3	6.7	7.0	6.3	6.3	6.3	6.3	6.0
LTP-SYN-A3	TF	4.7	6.0	7.0	6.0	7.0	5.7	6.0	5.7	6.0	6.0
MRSL TF15	TF	4.7	7.0	7.0	6.7	7.3	6.3	6.0	6.0	6.0	6.0
PST-R511	TF	4.3	6.3	7.0	6.3	7.0	6.0	6.3	6.0	6.0	5.7
TITANIUM 2LS	TF	4.3	5.0	6.7	5.7	6.7	6.0	6.7	6.7	6.0	6.3
DLFPS 321/3677	TF	4.7	5.7	7.3	6.3	6.7	5.7	6.0	5.3	6.0	5.7
NONET	TF	5.7	6.7	7.0	7.0	7.0	6.7	6.3	6.0	5.7	6.0
DLFPS 321/3679	TF	5.0	6.7	6.3	6.7	6.3	6.3	6.3	6.0	5.7	6.0
SUPERSONIC	TF	5.3	6.0	6.7	5.7	6.0	5.0	5.7	5.3	5.7	5.3
RS4	TF	4.7	6.0	6.7	6.0	6.3	5.0	6.0	5.7	6.0	5.3
GO-AOMK	TF	5.3	5.7	6.7	5.3	6.3	5.3	5.7	5.3	5.7	5.3
DAUNTLESS	KB	6.0	7.0	7.0	7.0	6.7	5.7	6.0	6.0	5.7	5.3
THUNDERSTRUCK	TF	4.7	5.7	6.3	5.3	6.0	5.0	5.3	5.0	5.0	4.7
BARROBUSTO	TF	5.0	5.7	6.7	6.7	6.7	5.7	6.0	5.7	5.7	5.3
NAI-13-14	KB	5.0	7.0	7.0	6.3	6.7	5.7	6.3	6.0	6.0	5.3
PST-K13-137	KB	5.7	7.0	7.0	6.7	7.0	6.0	5.7	6.0	5.7	5.7
BAR FA 121095	TF	5.7	6.0	6.3	5.7	6.3	5.0	5.7	5.3	5.3	5.0
MIDNIGHT	KB	3.7	4.0	6.3	6.0	6.7	5.7	6.7	5.3	6.0	5.0
BLUE DEVIL	KB	5.3	6.0	6.7	5.7	6.0	5.3	5.7	5.3	5.7	5.3
PST-K13-143	KB	5.3	6.7	7.0	6.3	6.7	6.0	6.0	5.3	6.0	5.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.0	5.0	6.0	5.3	5.7	4.7	5.7	5.0	5.3	5.0
PST-K15-169	KB	6.0	6.0	7.0	5.7	6.3	5.3	5.7	5.3	5.3	5.0
PST-K13-141	KB	5.3	6.0	7.0	5.3	5.7	4.0	5.3	4.7	5.0	4.0
PST-K11-118	KB	5.3	5.3	5.7	5.0	5.7	4.3	5.0	4.3	4.7	4.7
EVEREST	KB	5.7	5.0	5.7	6.0	6.3	5.3	6.0	5.0	3.7	3.0
BABE	KB	5.0	6.0	6.7	4.7	5.3	4.0	5.3	4.7	4.0	3.7
BLUE NOTE	KB	5.0	5.3	6.0	6.0	6.3	5.0	5.3	4.7	4.0	3.7
BAR PP 110358	KB	5.3	5.0	6.7	4.7	6.0	4.0	5.0	4.7	3.7	2.7
BARRARI	KB	5.0	5.3	5.3	5.0	5.7	4.3	5.0	4.0	3.3	2.7
NAI-13-132	KB	4.7	5.0	6.3	6.0	6.0	4.3	5.0	4.7	3.3	2.3
LSD VALUE		3.8	2.1	1.1	1.7	1.1	1.2	1.2	0.9	0.9	1.0
C.V. (%)		20.6	16.3	8.2	13.2	8.9	13.3	11.0	10.1	10.7	12.8

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

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

TABLE 7A.
(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/
2020 DATA

		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/										
		QUALITY RATINGS DURING DRY DOWN										
NAME		7/27/20	8/5/20	8/14/20	8/19/20	8/27/20	9/3/20	9/11/20	9/18/20	9/24/20	10/1/20	MEAN
KINGDOM	TF	6.7	6.3	6.3	7.0	6.7	7.3	7.0	6.3	7.0	6.0	6.6
THOR	TF	6.3	5.7	6.3	7.3	6.7	7.3	7.3	7.0	6.0	6.3	6.5
PST-5SDS	TF	6.3	6.3	6.0	6.7	6.0	7.0	7.0	6.3	6.0	6.7	6.4
CATALYST	TF	6.0	5.7	5.7	6.3	6.0	6.3	6.0	6.0	5.7	6.3	6.2
STETSON II	TF	5.7	6.0	6.0	6.0	6.3	6.3	6.3	6.7	6.0	6.7	6.2
DLFPS 321/3678	TF	6.0	6.0	5.7	5.7	5.7	6.0	5.3	5.7	5.0	5.3	6.1
LTP-SYN-A3	TF	6.0	6.0	6.0	6.3	6.0	6.0	6.7	6.0	5.3	6.3	6.0
MRSL TF15	TF	6.0	5.7	5.7	5.7	5.7	5.7	6.0	6.0	5.7	5.3	6.0
PST-R511	TF	5.7	5.7	5.7	6.3	5.7	6.3	6.3	6.0	6.0	6.0	6.0
TITANIUM 2LS	TF	6.3	6.0	5.7	5.7	5.0	5.7	6.3	5.3	5.3	5.7	5.9
DLFPS 321/3677	TF	5.7	5.7	5.3	5.7	5.3	6.0	5.7	5.7	5.0	5.7	5.8
NONET	TF	6.0	5.3	5.3	5.3	5.0	5.0	5.0	5.0	5.0	4.7	5.8
DLFPS 321/3679	TF	5.7	5.3	5.3	5.3	4.0	4.7	4.3	4.3	3.7	3.3	5.4
SUPERSONIC	TF	5.3	5.7	5.3	5.0	5.0	5.7	5.3	4.7	4.7	4.7	5.4
RS4	TF	5.0	4.3	5.3	5.3	4.0	5.7	5.0	5.0	4.0	4.3	5.3
GO-AOMK	TF	5.3	5.0	5.3	4.7	4.3	4.7	4.3	4.7	4.3	4.7	5.2
DAUNTLESS	KB	5.3	5.0	4.3	4.3	3.3	3.7	3.7	3.7	3.3	2.7	5.1
THUNDERSTRUCK	TF	4.7	4.3	5.7	5.0	5.3	5.7	5.0	5.0	4.0	4.7	5.1
BARROBUSTO	TF	5.3	4.3	5.0	4.3	3.3	3.7	3.7	3.3	3.7	3.7	5.0
NAI-13-14	KB	5.0	4.3	4.0	4.7	3.7	3.3	3.7	3.3	3.3	3.3	5.0
PST-K13-137	KB	5.7	4.3	4.0	3.7	3.3	3.3	3.3	3.3	3.3	3.3	5.0
BAR FA 121095	TF	5.0	4.3	4.7	4.7	3.7	4.3	4.0	4.0	3.7	3.3	4.9
MIDNIGHT	KB	5.0	4.3	5.0	4.7	4.3	4.3	3.0	4.0	3.3	4.7	4.9
BLUE DEVIL	KB	5.3	4.3	3.7	4.3	3.7	3.3	3.7	3.7	3.3	2.7	4.8
PST-K13-143	KB	5.0	4.0	3.7	4.0	3.0	3.3	3.3	3.0	2.7	3.0	4.8
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.0	5.0	5.3	4.0	4.0	4.3	3.7	4.0	4.0	4.0	4.8
PST-K15-169	KB	4.7	4.3	3.7	4.3	3.0	3.3	3.3	3.3	3.0	3.0	4.7
PST-K13-141	KB	4.3	3.7	5.7	4.3	3.3	4.0	2.7	4.0	3.7	3.3	4.6
PST-K11-118	KB	4.3	3.7	5.0	4.0	3.0	3.0	3.0	3.3	3.0	3.3	4.3
EVEREST	KB	3.0	3.0	3.3	2.3	1.7	2.0	2.3	2.0	3.7	4.3	4.0
BABE	KB	3.7	2.7	3.3	3.0	2.3	2.7	2.3	2.7	2.7	3.3	3.9
BLUE NOTE	KB	3.3	2.3	2.7	2.0	1.0	1.0	1.3	1.7	2.0	2.7	3.6
BAR PP 110358	KB	2.7	2.3	2.7	2.3	1.7	1.3	1.7	1.7	2.3	2.7	3.5
BARRARI	KB	2.7	2.0	2.3	2.0	2.0	2.0	1.7	2.3	3.0	3.7	3.5
NAI-13-132	KB	2.3	2.0	2.0	1.3	1.3	1.7	1.7	2.0	2.3	2.7	3.4
LSD VALUE		1.1	1.2	1.0	1.3	1.2	1.4	1.5	1.2	1.1	1.2	0.7
C.V. (%)		13.9	16.6	13.6	17.8	19.3	20.1	22.5	18.0	16.9	17.9	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 7A.
(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/
2020 DATA

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

NAME		PERCENT GREEN COVER RATINGS											
		4/17/20	5/18/20	6/1/20	6/8/20	6/15/20	6/22/20	6/29/20	7/6/20	7/13/20	7/20/20	7/27/20	8/3/20
KINGDOM	TF	67.3	96.7	95.3	97.7	96.7	95.7	93.3	94.7	93.7	91.7	86.3	89.0
THOR	TF	69.7	95.0	95.3	95.3	94.7	93.0	90.7	92.0	90.7	88.3	79.3	85.0
PST-5SDS	TF	66.0	96.0	94.0	94.0	93.3	89.7	85.7	88.7	88.0	87.0	80.3	82.0
CATALYST	TF	67.3	94.7	94.3	95.0	95.0	90.3	87.0	90.0	87.7	85.7	83.0	80.0
STETSON II	TF	74.0	96.0	94.7	95.3	95.0	88.3	85.3	88.0	86.0	84.7	79.3	79.0
DLFPS 321/3678	TF	79.0	91.7	95.7	95.0	94.7	90.0	84.0	87.7	85.7	83.3	81.0	75.0
LTP-SYN-A3	TF	63.3	94.7	95.0	94.7	95.0	89.0	87.7	90.7	89.7	89.0	90.0	85.3
MRSL TF15	TF	68.0	96.0	95.7	95.3	95.7	91.0	86.0	90.7	89.3	88.0	80.3	83.7
PST-R511	TF	51.3	94.3	93.7	94.3	95.0	91.0	86.3	90.0	88.0	84.7	80.0	79.3
TITANIUM 2LS	TF	59.0	93.7	95.3	96.0	95.3	94.0	92.0	93.0	91.7	89.0	84.0	84.7
DLFPS 321/3677	TF	67.3	94.7	94.0	94.0	94.0	88.0	83.0	85.7	83.7	80.7	78.3	71.7
NONET	TF	74.0	92.7	91.0	90.7	92.0	89.3	85.7	88.0	86.0	81.0	78.7	72.0
DLFPS 321/3679	TF	64.0	94.3	91.7	90.7	92.0	86.0	82.3	86.0	84.7	80.7	78.0	69.0
SUPERSONIC	TF	75.0	96.0	95.0	94.0	93.7	88.7	84.0	86.7	86.0	82.7	82.0	75.3
RS4	TF	64.0	95.0	94.0	93.7	93.7	90.0	86.0	88.0	85.3	82.7	80.7	76.7
GO-AOMK	TF	71.0	95.3	92.3	89.0	90.7	88.0	85.0	87.3	84.3	81.0	80.0	68.3
DAUNTLESS	KB	78.0	96.7	95.0	94.7	94.7	90.0	85.7	89.0	86.3	81.3	75.7	68.0
THUNDERSTRUCK	TF	71.0	95.7	93.3	92.7	91.7	86.3	81.3	83.0	82.0	78.7	72.3	77.7
BARROBUSTO	TF	76.3	96.3	96.7	96.7	96.0	94.7	92.3	93.3	91.3	86.0	87.7	76.7
NAI-13-14	KB	67.3	95.7	95.0	94.3	93.7	88.7	82.0	85.3	81.3	76.0	68.7	59.3
PST-K13-137	KB	81.0	96.3	96.0	95.3	94.7	89.7	84.0	84.7	81.7	76.0	68.0	59.3
BAR FA 121095	TF	71.7	94.0	93.0	91.7	92.7	88.3	84.7	87.3	85.3	81.3	80.7	73.7
MIDNIGHT	KB	78.0	94.3	94.7	95.7	94.7	93.3	91.3	92.0	88.0	82.0	84.0	69.0
BLUE DEVIL	KB	76.0	97.7	92.0	92.0	91.3	86.3	81.0	84.0	81.3	76.3	69.0	59.0
PST-K13-143	KB	77.0	89.7	95.3	94.3	94.0	89.0	83.7	86.0	82.0	75.7	64.7	53.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		64.0	94.7	93.3	91.3	92.0	90.0	88.3	90.0	87.3	82.7	80.3	70.3
PST-K15-169	KB	84.0	95.3	94.7	95.0	94.7	86.3	82.3	85.7	81.7	75.0	70.3	60.7
PST-K13-141	KB	74.7	94.7	96.0	94.7	93.7	88.3	84.7	86.7	82.0	76.0	79.3	60.7
PST-K11-118	KB	83.7	95.0	94.0	87.0	89.3	88.3	85.7	86.7	82.0	76.3	74.7	63.7
EVEREST	KB	83.0	94.7	95.7	94.7	93.0	91.3	87.7	84.7	57.7	41.3	42.3	20.0
BABE	KB	91.3	94.0	93.0	90.0	89.7	86.0	81.3	79.0	60.7	47.3	49.0	27.7
BLUE NOTE	KB	79.7	94.7	95.0	94.3	93.7	90.3	86.7	85.3	70.7	52.0	50.7	26.3
BAR PP 110358	KB	84.0	94.3	96.3	95.3	95.3	92.7	89.7	88.0	68.3	49.7	44.0	21.7
BARRARI	KB	80.7	96.3	94.7	91.0	91.0	89.3	85.7	80.7	45.0	26.0	34.3	13.7
NAI-13-132	KB	87.0	96.3	98.0	97.3	95.3	89.7	79.7	74.7	51.0	36.0	35.0	16.3
LSD VALUE		12.4	6.0	6.9	6.1	4.5	4.3	5.5	5.3	9.2	10.2	12.7	15.0
C.V. (%)		10.1	2.3	2.4	3.1	2.3	2.7	3.7	3.7	7.5	9.1	11.5	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 7A.
(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/
2020 DATA

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

NAME		PERCENT GREEN COVER RATINGS											
		8/11/20	8/17/20	8/24/20	8/31/20	9/8/20	9/14/20	9/21/20	9/28/20	10/5/20	10/12/20	10/19/20	10/29/20
KINGDOM	TF	90.3	90.0	92.7	94.3	91.3	89.7	93.0	94.3	93.7	92.7	89.0	78.0
THOR	TF	88.7	89.3	91.3	94.0	91.7	90.0	93.0	94.0	94.0	93.3	89.3	80.0
PST-5SDS	TF	84.3	85.7	87.0	89.7	88.0	85.0	90.3	91.7	91.3	87.0	82.7	68.7
CATALYST	TF	82.0	82.0	84.7	88.3	85.7	82.7	89.0	90.3	90.3	86.3	82.7	70.0
STETSON II	TF	81.7	83.3	87.0	90.3	90.3	87.7	93.0	93.7	94.3	91.0	85.3	73.0
DLFPS 321/3678	TF	78.3	77.3	79.0	80.3	78.7	75.0	81.0	84.0	82.3	79.0	76.3	60.7
LTP-SYN-A3	TF	87.7	89.3	91.0	93.3	90.0	87.3	92.3	92.3	92.0	86.0	81.3	68.3
MRSL TF15	TF	85.0	85.3	88.0	90.0	88.7	85.7	90.3	90.7	90.3	83.7	79.0	61.7
PST-R511	TF	82.3	83.7	86.0	89.0	87.3	83.3	89.7	91.0	91.0	87.7	84.3	71.7
TITANIUM 2LS	TF	87.0	87.3	89.3	92.7	89.7	84.7	90.7	92.3	91.3	91.0	89.7	81.3
DLFPS 321/3677	TF	75.0	74.7	78.3	82.3	80.7	76.0	84.3	85.0	83.7	78.7	74.0	59.0
NONET	TF	74.3	74.0	75.0	77.0	71.0	65.3	74.7	78.0	78.7	75.3	73.7	60.7
DLFPS 321/3679	TF	72.7	72.3	71.0	70.3	67.7	62.0	70.7	72.0	71.7	69.3	68.0	55.0
SUPERSONIC	TF	77.7	76.3	79.3	81.0	78.7	72.7	80.0	81.3	81.3	78.7	76.3	63.7
RS4	TF	80.7	79.3	85.3	86.7	81.3	79.3	84.3	86.0	86.7	86.3	83.3	69.3
GO-AOMK	TF	73.7	71.7	67.3	70.7	66.3	62.0	72.7	74.7	75.7	74.3	74.0	63.0
DAUNTLESS	KB	67.7	64.0	60.0	57.3	47.7	44.0	52.7	56.0	58.0	58.3	60.3	49.3
THUNDERSTRUCK	TF	81.7	81.7	84.7	87.7	84.7	77.3	84.3	84.7	87.0	85.3	82.7	69.7
BARROBUSTO	TF	81.7	74.3	63.7	65.7	50.3	46.0	61.7	69.3	72.7	74.7	76.3	67.3
NAI-13-14	KB	62.3	57.0	56.3	54.0	42.7	38.0	51.3	55.3	56.7	56.7	56.0	45.7
PST-K13-137	KB	58.7	52.3	50.7	48.7	42.7	36.7	50.7	57.0	62.0	65.7	67.3	57.0
BAR FA 121095	TF	73.0	72.0	74.0	73.0	65.3	61.7	70.7	70.0	71.0	66.7	66.3	53.3
MIDNIGHT	KB	77.3	69.7	57.3	57.7	46.7	46.3	62.0	71.3	75.7	79.7	80.7	75.0
BLUE DEVIL	KB	62.0	57.3	57.0	55.0	46.7	41.3	54.0	56.7	58.3	56.7	57.3	44.7
PST-K13-143	KB	57.7	52.3	50.0	50.3	40.3	35.7	48.3	53.3	58.3	60.0	57.7	41.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		79.0	75.7	67.7	69.0	54.7	52.7	62.3	72.0	73.3	71.3	72.3	63.0
PST-K15-169	KB	63.3	56.7	52.7	51.3	44.0	39.7	52.0	59.3	64.0	64.3	65.7	58.0
PST-K13-141	KB	71.0	69.3	66.0	65.3	55.0	51.3	64.0	67.0	68.3	70.0	71.0	59.7
PST-K11-118	KB	73.0	64.0	58.3	60.0	49.3	52.7	64.7	68.7	73.7	75.3	77.0	66.0
EVEREST	KB	28.0	18.0	11.7	19.0	16.3	17.7	37.3	62.0	74.0	81.0	83.3	80.0
BABE	KB	32.3	24.3	19.0	22.3	18.0	16.7	34.7	49.0	58.3	62.3	69.7	65.7
BLUE NOTE	KB	26.0	19.3	14.3	16.7	14.3	13.3	27.0	42.7	54.7	62.0	68.3	65.0
BAR PP 110358	KB	32.7	23.7	18.7	21.3	12.7	12.0	24.7	45.3	60.7	66.7	72.0	66.7
BARRARI	KB	18.3	9.3	8.3	12.7	8.3	12.7	39.0	65.7	77.0	81.0	84.3	81.7
NAI-13-132	KB	24.7	14.7	10.0	15.7	13.0	15.3	34.7	51.3	55.3	61.0	69.3	66.7
LSD VALUE		13.1	15.3	17.0	17.3	20.1	17.8	15.6	15.1	14.7	14.0	12.9	14.1
C.V. (%)		13.1	16.0	18.1	17.8	22.6	21.1	15.5	13.4	12.3	11.5	10.3	13.2

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

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

TABLE 7B.

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/
2020 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN									
		4/1/20	5/1/20	6/5/20	6/12/20	6/19/20	6/26/20	7/2/20	7/7/20	7/16/20	7/23/20
PST-R511	TF	4.7	6.7	7.0	6.7	6.7	6.0	6.7	6.0	6.7	6.7
PST-5SDS	TF	5.7	6.3	7.0	6.3	7.3	6.3	6.7	6.3	6.3	6.0
MRSL TF15	TF	4.3	6.0	7.3	6.7	7.7	6.0	7.0	5.7	6.0	5.7
STETSON II	TF	4.0	6.0	7.0	6.3	7.0	6.0	7.0	6.3	6.0	5.7
CATALYST	TF	4.3	6.0	7.0	6.0	6.7	5.7	6.3	6.0	6.3	6.0
DLFPS 321/3678	TF	5.3	6.7	7.7	7.0	7.7	6.7	7.0	6.3	6.3	6.3
PST-K11-118	KB	4.0	4.7	6.7	6.7	7.0	7.3	7.0	6.7	6.7	6.3
LTP-SYN-A3	TF	4.7	6.0	7.0	6.0	7.0	6.3	6.3	6.3	6.0	6.3
NONET	TF	4.3	5.7	7.0	6.3	7.0	6.3	6.0	6.0	6.0	5.7
THUNDERSTRUCK	TF	5.0	5.0	6.7	7.0	6.7	6.3	6.7	5.7	6.0	6.0
BARROBUSTO	TF	5.0	3.7	6.3	5.7	6.3	6.3	7.0	6.7	6.0	6.0
DLFPS 321/3679	TF	5.7	6.3	7.0	6.0	6.7	6.3	6.3	5.7	6.0	6.0
GO-AOMK	TF	5.7	6.0	7.0	6.3	6.7	5.7	5.7	5.3	6.0	5.7
THOR	TF	4.3	3.7	6.3	5.3	6.3	5.7	7.0	5.7	5.7	5.7
DLFPS 321/3677	TF	5.0	5.7	7.0	6.3	7.0	6.0	5.7	5.7	5.7	5.3
RS4	TF	5.0	7.0	7.7	6.0	6.0	5.0	5.3	5.3	5.0	4.7
TITANIUM 2LS	TF	5.0	6.0	7.3	6.3	6.0	4.7	6.0	5.7	5.3	5.0
BAR FA 121095	TF	4.7	6.3	7.0	6.3	6.7	5.7	6.0	5.7	5.7	5.7
NAI-13-14	KB	5.0	6.0	7.0	6.7	7.0	6.0	6.0	6.3	6.0	5.7
PST-K13-141	KB	4.0	3.7	5.7	6.3	7.0	6.7	7.3	6.7	6.0	5.3
KINGDOM	TF	7.0	7.0	7.3	7.0	6.7	4.3	4.7	4.7	4.7	3.7
PST-K13-137	KB	5.7	7.0	7.0	6.7	7.0	6.3	6.3	6.3	6.7	6.0
SUPERSONIC	TF	5.7	7.0	8.0	5.3	6.0	4.7	6.0	5.7	5.0	4.7
DAUNTLESS	KB	6.0	7.0	7.0	6.7	6.7	5.7	6.0	5.7	5.7	5.7
BLUE DEVIL	KB	5.0	7.0	6.7	6.3	6.7	6.0	6.0	6.0	6.0	5.7
PST-K13-143	KB	5.7	6.3	7.0	6.0	6.7	6.0	5.7	6.0	6.0	5.3
PST-K15-169	KB	5.7	5.7	7.0	6.0	6.3	5.3	5.7	5.7	5.7	5.3
NAI-13-132	KB	5.0	6.3	7.0	5.7	6.3	5.0	6.0	6.0	5.3	5.3
MIDNIGHT	KB	5.3	5.3	5.7	6.3	6.0	4.3	5.7	4.3	4.7	4.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.3	5.0	6.0	5.7	6.3	5.0	5.3	5.0	4.7	4.7
BLUE NOTE	KB	4.7	5.7	6.3	5.3	6.0	5.0	5.7	5.0	4.7	4.0
EVEREST	KB	5.0	4.7	6.3	5.7	6.0	5.7	5.7	5.0	4.3	3.7
BABE	KB	5.3	6.3	6.3	6.3	6.0	5.0	5.7	5.0	3.7	3.0
BAR PP 110358	KB	5.7	6.0	6.3	5.0	6.0	4.7	5.0	4.3	3.3	3.0
BARRARI	KB	5.3	5.3	5.3	5.3	5.7	3.7	4.3	4.0	3.0	2.7
LSD VALUE		2.6	2.0	0.7	2.5	1.1	1.6	1.2	1.0	0.8	1.1
C.V. (%)		19.1	17.9	6.3	13.4	8.7	15.2	11.0	10.6	9.5	12.9

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

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

TABLE 7B.
(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/
2020 DATA

		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/										
		QUALITY RATINGS DURING DRY DOWN										
NAME		7/27/20	8/5/20	8/14/20	8/19/20	8/27/20	9/3/20	9/11/20	9/18/20	9/24/20	10/1/20	MEAN
PST-R511	TF	6.7	6.3	6.3	6.3	6.3	7.0	6.7	5.7	6.0	6.0	6.4
PST-5SDS	TF	5.7	6.0	6.3	6.0	6.0	6.7	6.3	6.0	6.0	6.3	6.3
MRSL TF15	TF	5.7	5.7	6.0	6.0	6.0	6.7	6.7	6.3	6.0	6.3	6.2
STETSON II	TF	5.7	5.7	6.0	6.7	6.0	6.3	7.0	6.0	6.0	6.0	6.1
CATALYST	TF	6.0	6.0	6.0	6.0	6.0	6.7	6.0	6.0	5.3	5.3	6.0
DLFPS 321/3678	TF	6.0	5.7	5.7	6.0	5.3	5.3	5.0	5.0	4.7	4.7	6.0
PST-K11-118	KB	6.3	6.0	6.3	6.3	5.3	5.3	5.7	5.3	5.0	5.7	6.0
LTP-SYN-A3	TF	6.0	5.3	5.7	6.0	5.0	6.3	5.7	5.3	5.0	5.7	5.9
NONET	TF	5.7	5.7	5.3	5.7	5.3	5.3	5.0	5.0	4.7	5.3	5.7
THUNDERSTRUCK	TF	6.0	5.3	5.3	5.3	5.3	5.7	5.3	5.7	4.7	5.0	5.7
BARROBUSTO	TF	6.0	5.0	5.3	6.0	5.0	5.3	5.0	4.7	4.7	5.0	5.6
DLFPS 321/3679	TF	6.0	5.0	5.0	5.3	5.0	5.3	5.3	4.7	4.7	4.3	5.6
GO-AOMK	TF	5.0	5.0	5.7	5.3	5.3	5.7	5.3	5.0	4.3	5.0	5.6
THOR	TF	6.0	5.0	5.7	5.7	5.7	6.0	6.3	5.7	5.7	5.3	5.6
DLFPS 321/3677	TF	5.3	5.0	5.3	5.7	4.3	5.3	5.0	5.0	5.3	4.3	5.5
RS4	TF	4.7	5.0	6.0	4.7	5.0	5.7	6.0	5.3	5.3	5.7	5.5
TITANIUM 2LS	TF	5.3	5.0	6.3	4.7	5.3	5.3	5.0	5.3	4.7	5.7	5.5
BAR FA 121095	TF	5.7	5.0	5.3	4.7	4.7	4.7	4.7	4.7	4.3	3.7	5.4
NAI-13-14	KB	5.7	5.3	4.3	5.3	4.3	4.0	4.0	4.3	3.3	3.3	5.3
PST-K13-141	KB	5.3	5.3	5.0	4.7	4.3	4.0	4.7	4.0	5.0	5.3	5.3
KINGDOM	TF	4.7	4.3	5.0	4.7	4.7	5.7	4.7	4.7	4.7	4.7	5.2
PST-K13-137	KB	5.7	5.3	3.7	4.3	3.3	3.7	3.3	4.0	2.7	3.0	5.2
SUPERSONIC	TF	4.7	4.3	5.3	4.3	3.7	5.0	5.0	4.3	3.7	4.0	5.1
DAUNTLESS	KB	5.3	4.7	3.7	4.7	3.7	3.3	3.7	3.3	3.0	3.0	5.0
BLUE DEVIL	KB	5.3	4.7	4.3	4.7	4.0	3.0	3.0	3.0	3.0	2.3	4.9
PST-K13-143	KB	5.3	4.7	4.0	4.7	3.7	2.7	3.3	3.3	3.0	2.7	4.9
PST-K15-169	KB	5.3	5.3	4.3	4.3	3.7	3.0	3.7	3.3	3.0	3.3	4.9
NAI-13-132	KB	5.3	4.3	3.3	4.0	3.0	3.3	3.7	3.0	2.7	2.3	4.7
MIDNIGHT	KB	4.7	4.0	5.0	3.7	3.7	3.7	3.7	3.7	4.0	4.3	4.6
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.7	3.3	4.7	4.0	3.0	3.3	3.3	3.3	3.0	3.0	4.4
BLUE NOTE	KB	4.0	3.3	2.7	2.3	2.0	2.0	2.7	2.7	3.7	4.0	4.1
EVEREST	KB	3.3	3.0	3.7	2.7	2.7	2.0	1.7	2.7	3.3	4.0	4.1
BABE	KB	2.7	2.3	2.3	2.0	1.7	1.3	1.7	2.3	3.0	3.7	3.8
BAR PP 110358	KB	3.0	2.3	2.3	2.7	2.0	2.0	2.0	2.3	3.0	3.7	3.7
BARRARI	KB	2.7	2.0	2.7	2.3	2.0	1.7	2.3	2.7	3.3	3.7	3.5
LSD VALUE		1.1	1.2	0.9	1.4	1.2	1.2	1.3	1.1	1.0	1.3	0.7
C.V. (%)		13.8	16.1	12.0	18.1	18.4	17.8	19.2	16.8	15.4	18.1	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 7B.
(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/
2020 DATA

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

NAME		PERCENT GREEN COVER RATINGS											
		4/17/20	5/18/20	6/1/20	6/8/20	6/15/20	6/22/20	6/29/20	7/6/20	7/13/20	7/20/20	7/27/20	8/3/20
PST-R511	TF	63.3	94.7	94.7	94.0	94.3	86.7	84.0	88.7	88.0	88.0	82.3	86.0
PST-5SDS	TF	76.3	94.0	96.3	96.3	95.7	91.3	87.3	89.7	89.3	87.0	75.7	82.0
MRSL TF15	TF	64.0	93.3	94.7	95.0	95.3	90.0	84.3	87.0	86.0	82.3	78.0	80.0
STETSON II	TF	58.7	97.0	94.3	94.3	95.3	91.3	88.3	90.0	88.7	86.0	80.3	79.7
CATALYST	TF	58.3	95.0	94.3	94.3	95.0	88.3	85.3	89.3	88.3	86.0	81.0	81.0
DLFPS 321/3678	TF	69.7	94.0	95.3	95.0	95.3	90.7	86.7	90.3	89.7	87.0	82.0	79.3
PST-K11-118	KB	74.0	96.0	97.3	96.3	96.0	95.7	94.0	93.7	91.7	85.7	82.0	81.7
LTP-SYN-A3	TF	71.3	96.7	95.0	95.3	95.3	91.7	88.7	91.0	88.0	85.3	78.7	81.7
NONET	TF	68.3	91.3	95.0	94.0	94.7	90.0	84.3	89.0	86.3	84.3	81.3	74.7
THUNDERSTRUCK	TF	75.7	92.7	95.7	95.3	94.7	91.3	88.0	89.7	86.7	83.3	79.7	77.7
BARROBUSTO	TF	75.0	92.3	93.7	94.7	95.3	95.3	93.7	94.3	90.3	86.3	84.3	76.3
DLFPS 321/3679	TF	78.7	97.0	95.3	95.0	94.7	89.0	82.7	86.7	84.3	81.7	83.0	71.3
GO-AOMK	TF	79.0	95.7	94.3	95.0	95.3	89.0	84.0	86.3	85.0	82.7	81.0	75.3
THOR	TF	62.0	90.7	92.3	95.0	93.7	93.0	92.3	92.7	90.3	88.7	86.3	84.7
DLFPS 321/3677	TF	68.0	96.0	93.7	92.7	93.0	87.7	82.7	86.7	84.3	82.3	81.0	73.7
RS4	TF	76.3	95.3	95.7	95.0	94.3	91.3	87.0	88.7	88.0	85.0	81.3	82.0
TITANIUM 2LS	TF	74.7	94.3	97.0	96.7	96.0	93.0	90.3	91.3	89.3	86.3	81.7	84.7
BAR FA 121095	TF	67.7	97.3	95.3	95.3	96.0	91.7	84.3	88.3	85.0	81.7	79.0	71.0
NAI-13-14	KB	71.3	96.0	94.3	94.0	94.0	87.7	82.7	85.3	82.7	78.0	71.7	65.3
PST-K13-141	KB	70.0	96.3	95.0	95.0	95.3	95.0	94.0	94.3	91.0	83.0	87.0	76.0
KINGDOM	TF	96.0	96.3	98.0	98.0	95.0	88.3	75.7	76.3	73.7	71.7	73.0	69.0
PST-K13-137	KB	74.7	95.3	95.3	94.7	94.0	88.3	85.7	87.7	84.7	80.0	70.3	58.3
SUPERSONIC	TF	86.3	96.0	97.7	97.7	97.7	95.3	93.7	94.3	94.0	92.0	86.3	90.3
DAUNTLESS	KB	83.0	96.7	96.0	94.3	94.7	86.3	82.7	86.0	82.3	76.7	69.3	59.7
BLUE DEVIL	KB	74.7	95.0	94.0	93.3	92.7	86.7	80.0	84.0	81.7	76.0	71.0	59.3
PST-K13-143	KB	76.3	95.7	94.3	94.3	93.3	89.3	84.7	87.0	84.3	78.7	73.3	59.3
PST-K15-169	KB	78.7	96.0	95.3	95.0	95.0	90.0	85.3	87.3	84.3	78.7	72.3	64.7
NAI-13-132	KB	77.7	95.0	94.3	93.7	94.0	87.0	81.7	83.7	79.3	73.0	64.7	54.7
MIDNIGHT	KB	75.0	94.3	93.7	88.7	91.3	87.7	81.7	83.3	76.3	70.0	74.0	60.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		71.3	96.3	94.7	91.7	93.0	89.7	86.3	87.3	82.0	75.3	75.7	61.7
BLUE NOTE	KB	71.3	86.0	95.7	92.0	91.7	87.7	83.7	85.3	69.0	47.0	43.0	20.7
EVEREST	KB	80.3	95.0	96.3	95.0	94.0	92.0	89.0	86.3	66.3	50.7	56.7	31.3
BABE	KB	82.7	86.3	95.3	94.0	94.0	91.3	87.7	86.7	70.3	52.7	38.7	11.0
BAR PP 110358	KB	85.3	95.3	95.0	91.7	90.3	86.3	81.3	77.7	52.7	31.3	31.7	14.3
BARRARI	KB	75.7	95.0	91.3	87.3	86.0	82.0	73.3	67.7	41.7	23.0	28.7	13.3
LSD VALUE		16.5	18.2	4.8	3.7	2.9	3.7	4.6	4.7	5.9	7.7	11.3	13.3
C.V. (%)		11.6	5.2	2.0	2.2	1.9	2.5	3.5	3.5	4.9	6.9	10.3	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 7B.
(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/
2020 DATA

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

NAME		PERCENT GREEN COVER RATINGS											
		8/11/20	8/17/20	8/24/20	8/31/20	9/8/20	9/14/20	9/21/20	9/28/20	10/5/20	10/12/20	10/19/20	10/29/20
PST-R511	TF	88.7	89.7	91.7	94.0	93.0	88.7	92.7	93.0	92.3	86.7	83.0	71.0
PST-5SDS	TF	84.7	84.7	87.0	89.3	88.7	84.3	91.0	92.3	92.0	89.0	86.7	77.0
MRSL TF15	TF	82.0	83.7	86.7	89.7	90.3	88.7	92.0	92.3	92.0	88.7	83.3	71.7
STETSON II	TF	82.0	82.0	85.0	88.7	88.3	84.0	89.3	90.0	90.3	87.0	83.7	70.3
CATALYST	TF	83.0	82.7	85.0	87.3	85.3	82.0	87.3	88.3	88.0	80.3	75.3	62.7
DLFPS 321/3678	TF	81.3	81.0	81.7	83.0	73.7	71.7	78.3	80.0	79.7	76.7	75.0	61.7
PST-K11-118	KB	85.0	82.7	79.7	81.7	76.3	72.0	80.7	84.3	86.0	86.7	85.3	76.7
LTP-SYN-A3	TF	83.7	84.7	87.3	90.3	89.3	81.7	89.3	91.0	91.7	86.7	82.7	66.0
NONET	TF	78.0	77.7	79.7	82.7	80.7	73.7	82.0	83.7	84.0	79.7	76.7	61.3
THUNDERSTRUCK	TF	81.3	79.3	81.3	83.7	81.0	79.0	84.3	86.7	88.7	86.3	82.7	69.3
BARROBUSTO	TF	82.0	74.7	71.3	73.3	69.7	67.0	77.3	82.7	86.0	86.0	84.7	79.0
DLFPS 321/3679	TF	74.0	72.3	73.7	76.3	71.3	68.7	78.7	80.3	79.7	77.7	75.0	62.3
GO-AOMK	TF	79.3	79.3	81.0	83.3	76.7	72.7	82.3	81.3	81.3	76.3	70.0	53.0
THOR	TF	87.7	87.7	88.3	92.0	90.3	88.0	91.3	92.7	92.7	92.3	90.3	80.0
DLFPS 321/3677	TF	73.0	73.7	77.3	80.0	76.7	74.3	82.3	82.7	82.0	77.3	74.0	61.0
RS4	TF	85.7	85.7	88.7	91.7	92.0	89.0	92.3	93.3	93.3	91.3	88.7	79.7
TITANIUM 2LS	TF	88.3	87.7	90.7	92.3	90.7	87.3	91.0	92.3	90.3	88.7	86.3	74.3
BAR FA 121095	TF	73.7	73.0	74.0	76.3	72.7	64.7	74.0	75.3	78.3	73.7	71.0	52.7
NAI-13-14	KB	66.3	62.3	59.3	59.3	53.3	45.7	55.7	56.0	58.0	56.3	57.3	45.7
PST-K13-141	KB	81.0	73.7	69.7	74.3	65.3	63.0	77.0	83.7	87.3	88.0	87.0	79.7
KINGDOM	TF	79.3	79.3	85.3	87.7	86.3	84.7	86.7	86.7	85.3	86.0	86.3	79.7
PST-K13-137	KB	60.3	52.7	49.7	42.7	31.3	30.3	40.7	47.0	50.7	53.7	52.0	39.7
SUPERSONIC	TF	92.7	92.7	92.0	95.7	91.3	87.3	90.3	90.0	89.3	83.7	78.7	61.3
DAUNTLESS	KB	60.7	56.0	51.7	50.0	37.3	37.7	50.0	53.7	55.7	58.3	58.0	44.7
BLUE DEVIL	KB	58.3	53.3	47.0	47.0	34.3	32.0	44.0	47.3	52.7	55.0	56.3	45.3
PST-K13-143	KB	61.0	57.3	54.0	51.3	42.0	40.0	50.3	55.3	59.0	61.0	63.3	52.0
PST-K15-169	KB	63.7	59.3	55.7	54.3	43.7	39.7	52.0	55.3	58.7	58.7	59.0	47.7
NAI-13-132	KB	56.7	51.7	48.0	47.3	40.3	34.7	44.7	49.3	50.7	53.7	51.7	39.3
MIDNIGHT	KB	67.0	61.0	55.7	59.7	52.3	50.0	65.3	71.7	75.0	75.7	78.7	69.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		68.0	60.7	58.3	57.7	50.3	48.7	58.3	65.0	69.3	71.7	73.3	62.3
BLUE NOTE	KB	25.7	14.0	6.3	15.3	12.7	14.3	36.3	57.3	68.3	71.7	75.7	69.3
EVEREST	KB	41.0	24.0	17.3	23.3	17.3	19.0	38.3	61.0	73.0	78.0	80.3	77.0
BABE	KB	13.3	6.0	3.7	4.0	4.0	5.7	24.7	48.3	62.3	68.3	74.3	69.3
BAR PP 110358	KB	17.0	11.3	7.7	9.3	7.3	10.0	31.3	52.3	64.0	70.3	74.7	65.7
BARRARI	KB	25.0	15.0	15.3	19.3	15.7	18.7	37.7	56.0	67.3	73.3	78.0	71.0
LSD VALUE		12.2	13.7	13.9	15.6	17.1	15.9	13.4	11.8	10.9	10.6	10.2	13.6
C.V. (%)		12.0	14.2	14.6	15.8	18.6	18.0	13.0	10.6	9.4	9.0	8.8	13.4

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

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

TABLE 7C.

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/
2020 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN									
		4/1/20	5/1/20	6/5/20	6/12/20	6/19/20	6/26/20	7/2/20	7/7/20	7/16/20	7/23/20
PST-5SDS	TF	4.0	6.3	7.7	6.7	7.7	6.7	7.3	7.0	6.3	6.3
THOR	TF	4.3	4.3	7.0	7.7	7.3	7.0	8.0	7.0	6.7	6.7
STETSON II	TF	5.0	6.7	7.3	6.7	7.0	6.3	6.3	6.3	6.0	6.3
THUNDERSTRUCK	TF	5.3	6.0	7.0	6.3	7.0	5.7	6.7	6.0	6.7	6.0
DLFPS 321/3678	TF	6.0	6.7	7.0	6.7	7.0	7.0	6.3	6.0	6.0	5.7
BAR FA 121095	TF	6.3	6.7	7.0	7.0	7.3	6.3	6.7	5.7	6.0	5.3
KINGDOM	TF	5.3	6.3	7.0	6.3	6.7	5.3	6.3	6.0	6.0	6.0
MRSL TF15	TF	4.7	6.3	7.0	6.3	6.7	5.7	6.3	6.0	6.0	6.0
PST-R511	TF	4.7	6.0	7.3	6.3	6.7	5.3	6.7	6.0	6.0	5.7
CATALYST	TF	3.7	5.7	7.0	6.3	7.0	6.0	6.3	6.0	5.7	6.0
RS4	TF	4.7	5.7	7.0	6.3	6.3	5.0	6.0	6.0	5.3	5.7
NONET	TF	6.0	7.0	7.3	6.7	7.0	6.3	6.0	6.3	5.7	6.0
LTP-SYN-A3	TF	5.3	5.7	7.0	6.0	6.3	5.0	5.7	5.0	5.7	5.3
PST-K13-141	KB	4.3	4.7	7.0	6.7	7.0	7.0	7.3	6.7	6.0	6.3
DLFPS 321/3679	TF	5.7	7.0	7.0	6.0	7.0	6.0	6.0	5.0	5.3	5.3
GO-AOMK	TF	6.3	6.7	6.3	5.7	6.7	5.3	5.3	5.0	5.7	5.3
DLFPS 321/3677	TF	5.7	6.0	6.3	5.7	6.3	5.3	5.7	5.3	5.7	5.3
DAUNTLESS	KB	5.7	7.3	7.0	6.3	6.7	5.7	6.0	5.7	5.7	5.7
NAI-13-14	KB	5.7	6.3	6.7	6.0	7.0	6.0	6.0	5.7	5.7	5.7
BLUE DEVIL	KB	6.7	6.3	6.7	6.0	6.7	5.7	6.0	5.3	5.7	5.0
PST-K13-143	KB	5.0	5.7	7.0	5.3	6.0	5.0	5.3	5.7	5.3	5.3
TITANIUM 2LS	TF	4.3	5.3	6.3	5.7	6.0	4.3	5.7	5.3	4.7	4.3
SUPERSONIC	TF	5.7	6.3	7.3	5.3	5.7	4.0	5.0	4.7	5.0	4.3
BARROBUSTO	TF	6.0	7.0	6.3	6.7	6.3	5.0	5.7	5.0	5.0	4.0
NAI-13-132	KB	5.0	6.7	7.0	6.3	7.0	6.0	6.0	6.0	6.0	5.0
PST-K11-118	KB	5.0	5.0	6.3	6.0	6.3	5.0	6.0	5.0	5.3	4.3
PST-K13-137	KB	5.7	6.3	6.7	6.3	6.7	5.7	6.0	5.3	6.0	5.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.3	5.7	6.0	5.0	5.7	5.0	5.0	4.7	5.0	4.7
MIDNIGHT	KB	4.0	4.3	5.7	5.7	6.0	6.0	5.3	5.3	5.3	4.0
PST-K15-169	KB	6.0	5.7	7.0	4.7	5.7	4.0	5.3	4.7	4.0	4.0
BARRARI	KB	5.3	4.0	6.0	6.0	6.3	5.7	6.0	4.7	4.3	3.7
BAR PP 110358	KB	4.3	4.0	5.7	5.7	6.0	5.3	5.3	5.0	4.3	3.7
BLUE NOTE	KB	3.7	6.3	6.0	5.7	6.3	5.3	5.7	5.0	4.0	3.3
BABE	KB	4.3	4.0	6.3	5.3	6.0	5.0	5.3	4.7	3.7	3.3
EVEREST	KB	4.3	4.3	6.0	5.3	5.7	4.0	4.3	4.0	3.0	2.7
LSD VALUE		2.5	2.0	1.3	2.8	1.2	1.5	1.4	1.4	0.9	1.1
C.V. (%)		20.7	18.1	9.2	15.7	9.0	14.7	12.4	13.4	10.6	13.5

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

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

TABLE 7C.
(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/
2020 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN										MEAN	
		7/27/20	8/5/20	8/14/20	8/19/20	8/27/20	9/3/20	9/11/20	9/18/20	9/24/20	10/1/20		
PST-5SDS	TF	6.3	6.7	6.3	7.0	6.7	7.7	8.0	6.3	6.7	6.7	6.7	6.7
THOR	TF	6.7	6.3	6.0	6.3	6.7	7.3	7.0	5.7	5.7	6.0	6.0	6.5
STETSON II	TF	6.0	6.0	6.7	6.3	6.0	7.0	6.7	6.7	6.0	6.7	6.4	6.4
THUNDERSTRUCK	TF	6.3	6.3	7.0	7.3	6.3	7.3	6.0	5.7	5.3	6.0	6.3	6.3
DLFPS 321/3678	TF	5.7	6.0	6.0	6.0	5.7	6.0	6.0	6.0	6.0	5.3	6.2	6.2
BAR FA 121095	TF	5.3	5.7	6.0	6.0	6.0	6.3	5.7	5.3	5.3	6.0	6.1	6.1
KINGDOM	TF	5.7	5.7	6.0	6.0	6.3	6.7	6.7	5.7	5.7	6.3	6.1	6.1
MRSL TF15	TF	5.7	6.3	6.3	6.3	6.0	6.0	6.7	6.3	6.0	6.0	6.1	6.1
PST-R511	TF	5.7	6.0	6.0	6.3	5.7	6.0	6.3	6.0	6.0	6.0	6.0	6.0
CATALYST	TF	5.7	5.7	5.7	6.0	5.3	6.3	5.7	6.0	5.7	6.0	5.9	5.9
RS4	TF	6.0	5.3	6.3	6.7	6.0	6.7	6.0	6.0	5.3	5.7	5.9	5.9
NONET	TF	6.0	5.3	5.0	5.7	4.7	5.3	4.7	4.7	4.7	4.7	5.8	5.8
LTP-SYN-A3	TF	5.7	5.7	6.0	6.0	6.0	6.3	6.0	5.3	5.0	5.7	5.7	5.7
PST-K13-141	KB	6.3	5.0	5.7	5.7	4.7	5.0	5.0	4.7	4.3	4.3	5.7	5.7
DLFPS 321/3679	TF	5.3	5.0	5.3	5.3	5.0	5.0	4.7	4.7	4.3	4.7	5.5	5.5
GO-AOMK	TF	5.3	4.7	5.3	4.7	4.3	5.0	4.7	4.3	4.7	4.3	5.3	5.3
DLFPS 321/3677	TF	5.3	4.7	5.3	5.3	4.7	4.7	4.0	4.0	4.0	3.7	5.2	5.2
DAUNTLESS	KB	5.7	5.0	4.3	4.0	4.0	3.3	3.7	3.3	3.0	3.0	5.1	5.1
NAI-13-14	KB	5.7	5.0	4.0	4.3	3.7	3.3	3.7	3.3	3.3	3.0	5.0	5.0
BLUE DEVIL	KB	5.0	4.7	4.0	4.7	3.7	3.0	3.7	3.3	3.3	3.0	4.9	4.9
PST-K13-143	KB	5.3	5.0	4.0	4.7	4.7	3.7	4.0	3.7	3.3	3.3	4.9	4.9
TITANIUM 2LS	TF	4.3	4.3	5.7	4.7	4.0	5.3	5.0	4.7	3.7	4.3	4.9	4.9
SUPERSONIC	TF	4.3	3.7	5.3	4.0	4.0	4.7	4.3	4.3	3.3	3.7	4.8	4.8
BARROBUSTO	TF	3.3	3.7	4.7	3.7	3.7	4.0	3.3	3.7	3.3	4.0	4.7	4.7
NAI-13-132	KB	4.7	4.0	3.3	4.0	3.0	3.0	3.0	2.7	2.7	2.7	4.7	4.7
PST-K11-118	KB	4.3	4.3	5.0	4.0	3.3	3.7	3.7	3.7	3.3	3.7	4.7	4.7
PST-K13-137	KB	5.3	4.0	3.7	4.0	3.0	2.3	2.7	3.3	2.7	2.7	4.7	4.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.3	4.0	4.7	4.0	3.7	4.0	3.7	3.7	3.3	3.7	4.6	4.6
MIDNIGHT	KB	4.3	4.3	4.3	3.3	3.0	3.3	3.0	2.7	2.3	3.0	4.3	4.3
PST-K15-169	KB	3.7	3.3	5.0	3.7	3.0	3.7	2.7	3.0	2.7	3.0	4.2	4.2
BARRARI	KB	3.3	2.7	3.0	3.0	2.0	2.3	2.3	2.7	2.7	4.3	4.0	4.0
BAR PP 110358	KB	3.7	3.0	2.7	2.7	2.3	2.0	1.7	2.0	2.7	3.7	3.8	3.8
BLUE NOTE	KB	3.0	2.3	2.7	2.0	1.7	1.7	1.7	2.0	3.0	3.7	3.8	3.8
BABE	KB	3.3	3.0	2.7	2.7	2.0	1.7	1.3	2.0	2.7	3.7	3.7	3.7
EVEREST	KB	2.7	2.3	2.7	2.3	1.7	1.7	2.0	2.3	3.0	3.3	3.4	3.4
LSD VALUE		1.1	1.0	0.9	1.0	1.2	1.1	1.4	1.0	1.2	1.2	0.7	0.7
C.V. (%)		13.6	13.9	11.7	13.3	18.9	15.9	21.1	15.3	18.2	17.9	8.7	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 7C.
(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/
2020 DATA

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

NAME		PERCENT GREEN COVER RATINGS											
		4/17/20	5/18/20	6/1/20	6/8/20	6/15/20	6/22/20	6/29/20	7/6/20	7/13/20	7/20/20	7/27/20	8/3/20
PST-5SDS	TF	60.7	96.0	94.0	95.3	94.3	88.0	85.0	89.0	87.0	83.3	80.0	81.7
THOR	TF	74.3	76.3	96.7	96.7	96.7	94.3	93.0	94.3	92.7	90.7	84.0	85.0
STETSON II	TF	68.3	96.7	95.7	95.0	95.3	90.0	88.0	91.3	89.3	87.7	85.0	84.0
THUNDERSTRUCK	TF	73.3	95.7	94.7	94.0	93.3	92.0	90.3	93.3	92.3	90.7	86.3	88.0
DLFPS 321/3678	TF	81.3	93.0	96.3	95.7	95.7	90.3	86.7	88.3	86.3	84.0	85.3	79.0
BAR FA 121095	TF	77.3	91.7	94.3	94.7	94.3	89.3	84.7	87.7	86.0	83.3	83.3	78.7
KINGDOM	TF	70.7	95.7	94.0	95.0	95.3	89.3	85.7	88.7	87.0	85.3	81.0	80.7
MRSL TF15	TF	62.7	95.7	92.7	93.3	94.0	87.7	84.7	88.0	86.7	85.0	79.0	80.0
PST-R511	TF	62.3	96.0	94.7	95.0	95.3	91.0	88.0	90.0	89.0	88.0	82.7	84.7
CATALYST	TF	51.3	93.7	92.0	92.3	92.3	86.7	82.7	86.0	84.0	81.3	77.0	76.7
RS4	TF	67.3	93.3	95.7	95.3	95.0	93.0	91.7	93.3	92.3	89.7	88.3	86.0
NONET	TF	79.0	96.7	96.7	96.3	96.0	91.0	87.3	89.7	86.7	83.7	81.7	74.7
LTP-SYN-A3	TF	66.7	94.7	93.7	94.0	94.0	87.3	82.7	85.7	84.0	83.0	78.0	77.3
PST-K13-141	KB	70.0	94.3	98.0	98.0	97.3	95.3	94.3	94.0	92.0	88.7	84.0	75.3
DLFPS 321/3679	TF	71.7	94.0	94.0	94.0	95.0	90.3	84.3	88.3	87.0	83.0	80.7	77.7
GO-AOMK	TF	83.7	95.0	92.3	92.3	94.7	89.7	84.3	87.3	86.3	83.0	83.0	73.7
DLFPS 321/3677	TF	72.3	96.0	93.0	90.7	91.7	85.3	81.0	85.7	83.0	79.0	82.7	68.0
DAUNTLESS	KB	74.3	95.3	93.7	93.3	92.3	85.7	79.3	83.0	80.7	74.3	67.7	60.0
NAI-13-14	KB	73.7	94.7	95.3	93.7	94.0	88.0	83.3	85.0	82.7	75.7	68.3	61.0
BLUE DEVIL	KB	87.7	95.0	93.7	93.0	91.7	85.7	79.3	81.0	76.3	69.3	63.3	55.7
PST-K13-143	KB	74.7	95.7	93.7	93.7	94.0	88.7	82.7	86.0	83.0	77.0	73.7	65.3
TITANIUM 2LS	TF	65.7	96.0	94.0	93.0	93.3	88.3	82.7	86.3	84.0	79.0	78.3	78.7
SUPERSONIC	TF	79.0	96.3	96.0	94.0	93.0	89.3	85.7	88.0	85.0	78.7	79.0	73.3
BARROBUSTO	TF	94.7	96.7	95.3	89.3	91.7	91.0	84.7	84.7	80.3	73.0	71.7	56.3
NAI-13-132	KB	73.7	96.3	94.7	94.3	94.7	90.0	86.0	88.0	83.3	75.0	66.0	56.0
PST-K11-118	KB	80.3	96.0	97.0	95.0	96.0	94.3	92.0	92.3	89.0	83.0	85.0	72.3
PST-K13-137	KB	80.7	96.7	94.0	94.0	93.0	87.0	81.7	84.0	81.3	77.3	69.7	57.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		82.3	97.7	93.0	89.3	90.3	89.7	85.7	86.0	82.7	75.3	78.3	67.3
MIDNIGHT	KB	73.7	53.3	94.0	93.0	93.3	92.3	90.0	90.7	88.0	81.3	80.3	61.7
PST-K15-169	KB	88.7	95.3	96.0	95.7	96.3	94.0	92.0	92.7	90.7	87.0	83.7	74.7
BARRARI	KB	84.0	95.0	95.0	93.7	93.0	92.0	88.7	85.7	62.0	46.7	45.3	22.3
BAR PP 110358	KB	78.3	94.0	95.3	95.3	94.3	92.3	90.3	88.7	71.0	53.3	56.7	31.7
BLUE NOTE	KB	66.0	95.7	93.0	91.7	91.3	88.3	84.0	83.0	61.3	42.3	42.0	16.3
BABE	KB	75.7	96.3	95.7	94.3	93.0	91.0	86.7	84.0	60.7	42.0	41.0	13.7
EVEREST	KB	76.0	96.7	94.0	89.7	86.3	81.0	74.0	68.0	37.3	22.0	23.3	8.0
LSD VALUE		17.2	16.9	6.2	12.2	6.0	4.1	4.5	4.4	8.9	9.9	10.9	10.9
C.V. (%)		12.4	9.3	2.3	3.7	2.9	2.8	3.3	3.2	7.1	8.8	9.9	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 7C.
(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/
2020 DATA

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

NAME		PERCENT GREEN COVER RATINGS											
		8/11/20	8/17/20	8/24/20	8/31/20	9/8/20	9/14/20	9/21/20	9/28/20	10/5/20	10/12/20	10/19/20	10/29/20
PST-5SDS	TF	84.7	84.7	87.3	90.0	88.7	83.3	89.3	90.7	90.3	84.0	80.7	68.7
THOR	TF	88.7	87.3	88.7	91.0	87.3	84.0	89.3	91.3	91.7	90.7	88.3	79.3
STETSON II	TF	86.7	88.0	89.7	92.7	90.7	87.7	92.7	93.7	93.7	87.3	85.0	75.3
THUNDERSTRUCK	TF	89.7	89.7	90.3	92.0	89.3	84.7	91.0	93.0	92.0	88.3	81.7	69.7
DLFPS 321/3678	TF	82.3	82.7	86.3	90.3	88.0	84.0	89.7	90.0	90.0	87.3	84.0	74.0
BAR FA 121095	TF	81.3	82.0	85.0	88.0	85.3	81.7	88.7	88.7	88.0	84.0	78.7	63.0
KINGDOM	TF	83.7	85.3	88.3	92.0	89.7	86.7	91.7	92.0	92.7	86.3	82.7	70.7
MRSL TF15	TF	83.0	83.3	87.0	89.3	89.7	86.7	91.7	91.7	90.7	84.3	79.0	65.0
PST-R511	TF	86.0	87.0	89.3	91.7	91.0	87.3	91.7	92.3	92.7	86.7	83.7	71.0
CATALYST	TF	79.3	79.7	82.3	84.3	83.0	80.0	85.3	86.0	86.7	82.3	77.0	62.7
RS4	TF	90.3	91.0	91.3	93.3	92.3	86.0	90.3	92.3	91.7	90.0	88.0	81.0
NONET	TF	77.0	77.7	76.7	77.7	74.3	64.0	75.7	78.0	79.3	77.3	74.7	62.7
LTP-SYN-A3	TF	81.7	82.0	85.0	89.3	87.7	84.7	90.0	90.0	89.7	87.7	83.0	69.7
PST-K13-141	KB	81.0	77.3	71.0	76.3	58.0	58.7	69.3	72.7	76.0	76.7	76.3	68.0
DLFPS 321/3679	TF	79.0	80.3	82.3	83.3	80.7	74.3	81.7	81.3	81.3	77.7	76.3	60.7
GO-AOMK	TF	79.0	78.0	80.7	83.3	79.7	74.0	83.0	84.7	82.7	83.7	81.3	69.7
DLFPS 321/3677	TF	71.3	71.3	70.3	72.7	62.3	57.3	69.3	69.3	69.3	66.7	66.0	53.7
DAUNTLESS	KB	59.7	57.3	51.3	53.0	44.3	36.3	50.0	55.7	58.0	60.0	60.0	48.0
NAI-13-14	KB	61.3	57.3	57.0	56.0	43.0	41.7	54.7	59.0	60.3	60.0	59.0	45.3
BLUE DEVIL	KB	55.7	52.0	51.3	51.7	43.0	39.0	52.0	56.7	59.0	61.3	60.3	48.3
PST-K13-143	KB	64.7	60.3	57.0	56.0	49.3	43.3	54.7	57.0	55.7	55.0	53.3	39.0
TITANIUM 2LS	TF	83.0	81.3	82.7	85.3	81.7	76.3	83.3	84.7	84.7	80.3	78.7	66.3
SUPERSONIC	TF	77.3	76.0	76.0	77.0	73.3	66.3	76.3	79.3	81.7	81.0	79.0	64.3
BARROBUSTO	TF	64.0	61.0	64.0	73.0	68.0	67.7	75.3	79.7	79.3	80.3	84.0	80.7
NAI-13-132	KB	55.3	51.3	47.0	43.3	37.0	32.7	44.0	48.3	52.0	54.0	54.0	41.3
PST-K11-118	KB	77.3	70.3	62.3	66.3	58.3	54.0	72.0	79.0	82.3	83.3	82.7	71.7
PST-K13-137	KB	56.3	54.3	48.0	44.7	34.7	33.0	44.0	47.0	52.3	55.0	59.3	48.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		72.0	67.3	59.7	62.3	56.0	49.0	63.7	68.3	72.7	75.3	77.3	70.0
MIDNIGHT	KB	66.3	59.3	54.7	45.0	30.7	30.0	41.3	49.3	54.3	60.0	61.7	53.3
PST-K15-169	KB	79.3	72.0	66.7	69.7	60.0	50.7	48.3	63.3	63.0	66.3	69.3	57.0
BARRARI	KB	31.0	19.0	17.0	19.0	17.0	16.3	37.7	62.7	76.7	82.0	85.3	81.7
BAR PP 110358	KB	41.3	26.7	17.7	19.3	14.0	16.7	36.3	61.3	74.0	78.7	82.7	79.3
BLUE NOTE	KB	22.0	15.3	10.0	15.7	9.7	13.3	30.3	48.7	60.7	66.0	69.3	62.0
BABE	KB	25.0	10.0	6.7	11.0	9.0	10.0	27.3	53.3	67.7	75.7	80.3	78.7
EVEREST	KB	18.7	11.0	8.0	10.7	8.3	13.0	30.3	48.7	60.0	66.0	72.0	66.3
LSD VALUE		10.4	11.1	13.6	13.4	14.4	14.5	12.0	10.8	10.0	9.9	9.1	11.1
C.V. (%)		10.3	11.5	14.2	13.7	15.9	16.9	12.0	9.9	8.7	8.5	7.9	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 8A.

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/
2020 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN									
		4/1/20	5/1/20	6/5/20	6/12/20	6/19/20	6/26/20	7/2/20	7/7/20	7/16/20	7/23/20
DAUNTLESS	KB	6.0	7.0	7.0	7.0	6.7	5.7	6.0	6.0	5.7	5.3
NAI-13-14	KB	5.0	7.0	7.0	6.3	6.7	5.7	6.3	6.0	6.0	5.3
PST-K13-137	KB	5.7	7.0	7.0	6.7	7.0	6.0	5.7	6.0	5.7	5.7
MIDNIGHT	KB	3.7	4.0	6.3	6.0	6.7	5.7	6.7	5.3	6.0	5.0
BLUE DEVIL	KB	5.3	6.0	6.7	5.7	6.0	5.3	5.7	5.3	5.7	5.3
PST-K13-143	KB	5.3	6.7	7.0	6.3	6.7	6.0	6.0	5.3	6.0	5.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.0	5.0	6.0	5.3	5.7	4.7	5.7	5.0	5.3	5.0
PST-K15-169	KB	6.0	6.0	7.0	5.7	6.3	5.3	5.7	5.3	5.3	5.0
PST-K13-141	KB	5.3	6.0	7.0	5.3	5.7	4.0	5.3	4.7	5.0	4.0
PST-K11-118	KB	5.3	5.3	5.7	5.0	5.7	4.3	5.0	4.3	4.7	4.7
EVEREST	KB	5.7	5.0	5.7	6.0	6.3	5.3	6.0	5.0	3.7	3.0
BABE	KB	5.0	6.0	6.7	4.7	5.3	4.0	5.3	4.7	4.0	3.7
BLUE NOTE	KB	5.0	5.3	6.0	6.0	6.3	5.0	5.3	4.7	4.0	3.7
BAR PP 110358	KB	5.3	5.0	6.7	4.7	6.0	4.0	5.0	4.7	3.7	2.7
BARRARI	KB	5.0	5.3	5.3	5.0	5.7	4.3	5.0	4.0	3.3	2.7
NAI-13-132	KB	4.7	5.0	6.3	6.0	6.0	4.3	5.0	4.7	3.3	2.3
LSD VALUE		3.8	2.0	0.9	1.6	1.2	1.2	1.8	0.9	1.0	1.0
C.V. (%)		22.9	17.3	8.1	13.5	9.1	13.8	12.9	10.1	12.6	14.1

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

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

TABLE 8A.
(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/
2020 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN										MEAN
		7/27/20	8/5/20	8/14/20	8/19/20	8/27/20	9/3/20	9/11/20	9/18/20	9/24/20	10/1/20	
DAUNTLESS	KB	5.3	5.0	4.3	4.3	3.3	3.7	3.7	3.7	3.3	2.7	5.1
NAI-13-14	KB	5.0	4.3	4.0	4.7	3.7	3.3	3.7	3.3	3.3	3.3	5.0
PST-K13-137	KB	5.7	4.3	4.0	3.7	3.3	3.3	3.3	3.3	3.3	3.3	5.0
MIDNIGHT	KB	5.0	4.3	5.0	4.7	4.3	4.3	3.0	4.0	3.3	4.7	4.9
BLUE DEVIL	KB	5.3	4.3	3.7	4.3	3.7	3.3	3.7	3.7	3.3	2.7	4.8
PST-K13-143	KB	5.0	4.0	3.7	4.0	3.0	3.3	3.3	3.0	2.7	3.0	4.8
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.0	5.0	5.3	4.0	4.0	4.3	3.7	4.0	4.0	4.0	4.8
PST-K15-169	KB	4.7	4.3	3.7	4.3	3.0	3.3	3.3	3.3	3.0	3.0	4.7
PST-K13-141	KB	4.3	3.7	5.7	4.3	3.3	4.0	2.7	4.0	3.7	3.3	4.6
PST-K11-118	KB	4.3	3.7	5.0	4.0	3.0	3.0	3.0	3.3	3.0	3.3	4.3
EVEREST	KB	3.0	3.0	3.3	2.3	1.7	2.0	2.3	2.0	3.7	4.3	4.0
BABE	KB	3.7	2.7	3.3	3.0	2.3	2.7	2.3	2.7	2.7	3.3	3.9
BLUE NOTE	KB	3.3	2.3	2.7	2.0	1.0	1.0	1.3	1.7	2.0	2.7	3.6
BAR PP 110358	KB	2.7	2.3	2.7	2.3	1.7	1.3	1.7	1.7	2.3	2.7	3.5
BARRARI	KB	2.7	2.0	2.3	2.0	2.0	2.0	1.7	2.3	3.0	3.7	3.5
NAI-13-132	KB	2.3	2.0	2.0	1.3	1.3	1.7	1.7	2.0	2.3	2.7	3.4
LSD VALUE		1.1	1.3	0.8	1.4	1.3	1.3	1.4	1.4	1.3	1.4	0.6
C.V. (%)		16.3	21.1	13.8	24.4	26.9	26.0	27.6	26.0	20.4	20.7	8.4

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

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

TABLE 8A.
(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/
2020 DATA

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

NAME		PERCENT GREEN COVER RATINGS											
		4/17/20	5/18/20	6/1/20	6/8/20	6/15/20	6/22/20	6/29/20	7/6/20	7/13/20	7/20/20	7/27/20	8/3/20
DAUNTLESS	KB	78.0	96.7	95.0	94.7	94.7	90.0	85.7	89.0	86.3	81.3	75.7	68.0
NAI-13-14	KB	67.3	95.7	95.0	94.3	93.7	88.7	82.0	85.3	81.3	76.0	68.7	59.3
PST-K13-137	KB	81.0	96.3	96.0	95.3	94.7	89.7	84.0	84.7	81.7	76.0	68.0	59.3
MIDNIGHT	KB	78.0	94.3	94.7	95.7	94.7	93.3	91.3	92.0	88.0	82.0	84.0	69.0
BLUE DEVIL	KB	76.0	97.7	92.0	92.0	91.3	86.3	81.0	84.0	81.3	76.3	69.0	59.0
PST-K13-143	KB	77.0	89.7	95.3	94.3	94.0	89.0	83.7	86.0	82.0	75.7	64.7	53.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		64.0	94.7	93.3	91.3	92.0	90.0	88.3	90.0	87.3	82.7	80.3	70.3
PST-K15-169	KB	84.0	95.3	94.7	95.0	94.7	86.3	82.3	85.7	81.7	75.0	70.3	60.7
PST-K13-141	KB	74.7	94.7	96.0	94.7	93.7	88.3	84.7	86.7	82.0	76.0	79.3	60.7
PST-K11-118	KB	83.7	95.0	94.0	87.0	89.3	88.3	85.7	86.7	82.0	76.3	74.7	63.7
EVEREST	KB	83.0	94.7	95.7	94.7	93.0	91.3	87.7	84.7	57.7	41.3	42.3	20.0
BABE	KB	91.3	94.0	93.0	90.0	89.7	86.0	81.3	79.0	60.7	47.3	49.0	27.7
BLUE NOTE	KB	79.7	94.7	95.0	94.3	93.7	90.3	86.7	85.3	70.7	52.0	50.7	26.3
BAR PP 110358	KB	84.0	94.3	96.3	95.3	95.3	92.7	89.7	88.0	68.3	49.7	44.0	21.7
BARRARI	KB	80.7	96.3	94.7	91.0	91.0	89.3	85.7	80.7	45.0	26.0	34.3	13.7
NAI-13-132	KB	87.0	96.3	98.0	97.3	95.3	89.7	79.7	74.7	51.0	36.0	35.0	16.3
LSD VALUE		9.4	5.0	4.1	4.7	3.7	4.8	6.2	5.9	11.2	12.5	11.1	19.0
C.V. (%)		6.9	2.3	1.9	2.7	2.1	2.6	3.9	4.1	9.6	12.7	11.7	25.7

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

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

TABLE 8A.
(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/
2020 DATA

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

NAME		PERCENT GREEN COVER RATINGS											
		8/11/20	8/17/20	8/24/20	8/31/20	9/8/20	9/14/20	9/21/20	9/28/20	10/5/20	10/12/20	10/19/20	10/29/20
DAUNTLESS	KB	67.7	64.0	60.0	57.3	47.7	44.0	52.7	56.0	58.0	58.3	60.3	49.3
NAI-13-14	KB	62.3	57.0	56.3	54.0	42.7	38.0	51.3	55.3	56.7	56.7	56.0	45.7
PST-K13-137	KB	58.7	52.3	50.7	48.7	42.7	36.7	50.7	57.0	62.0	65.7	67.3	57.0
MIDNIGHT	KB	77.3	69.7	57.3	57.7	46.7	46.3	62.0	71.3	75.7	79.7	80.7	75.0
BLUE DEVIL	KB	62.0	57.3	57.0	55.0	46.7	41.3	54.0	56.7	58.3	56.7	57.3	44.7
PST-K13-143	KB	57.7	52.3	50.0	50.3	40.3	35.7	48.3	53.3	58.3	60.0	57.7	41.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		79.0	75.7	67.7	69.0	54.7	52.7	62.3	72.0	73.3	71.3	72.3	63.0
PST-K15-169	KB	63.3	56.7	52.7	51.3	44.0	39.7	52.0	59.3	64.0	64.3	65.7	58.0
PST-K13-141	KB	71.0	69.3	66.0	65.3	55.0	51.3	64.0	67.0	68.3	70.0	71.0	59.7
PST-K11-118	KB	73.0	64.0	58.3	60.0	49.3	52.7	64.7	68.7	73.7	75.3	77.0	66.0
EVEREST	KB	28.0	18.0	11.7	19.0	16.3	17.7	37.3	62.0	74.0	81.0	83.3	80.0
BABE	KB	32.3	24.3	19.0	22.3	18.0	16.7	34.7	49.0	58.3	62.3	69.7	65.7
BLUE NOTE	KB	26.0	19.3	14.3	16.7	14.3	13.3	27.0	42.7	54.7	62.0	68.3	65.0
BAR PP 110358	KB	32.7	23.7	18.7	21.3	12.7	12.0	24.7	45.3	60.7	66.7	72.0	66.7
BARRARI	KB	18.3	9.3	8.3	12.7	8.3	12.7	39.0	65.7	77.0	81.0	84.3	81.7
NAI-13-132	KB	24.7	14.7	10.0	15.7	13.0	15.3	34.7	51.3	55.3	61.0	69.3	66.7
LSD VALUE		16.9	19.9	19.7	21.4	28.1	22.8	21.8	25.4	23.3	21.2	15.3	14.8
C.V. (%)		20.8	27.8	30.4	31.2	45.2	39.8	25.4	19.5	16.0	14.9	12.0	14.4

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

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

TABLE 8B.

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/
2020 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN									
		4/1/20	5/1/20	6/5/20	6/12/20	6/19/20	6/26/20	7/2/20	7/7/20	7/16/20	7/23/20
PST-K11-118	KB	4.0	4.7	6.7	6.7	7.0	7.3	7.0	6.7	6.7	6.3
NAI-13-14	KB	5.0	6.0	7.0	6.7	7.0	6.0	6.0	6.3	6.0	5.7
PST-K13-141	KB	4.0	3.7	5.7	6.3	7.0	6.7	7.3	6.7	6.0	5.3
PST-K13-137	KB	5.7	7.0	7.0	6.7	7.0	6.3	6.3	6.3	6.7	6.0
DAUNTLESS	KB	6.0	7.0	7.0	6.7	6.7	5.7	6.0	5.7	5.7	5.7
BLUE DEVIL	KB	5.0	7.0	6.7	6.3	6.7	6.0	6.0	6.0	6.0	5.7
PST-K13-143	KB	5.7	6.3	7.0	6.0	6.7	6.0	5.7	6.0	6.0	5.3
PST-K15-169	KB	5.7	5.7	7.0	6.0	6.3	5.3	5.7	5.7	5.7	5.3
NAI-13-132	KB	5.0	6.3	7.0	5.7	6.3	5.0	6.0	6.0	5.3	5.3
MIDNIGHT	KB	5.3	5.3	5.7	6.3	6.0	4.3	5.7	4.3	4.7	4.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.3	5.0	6.0	5.7	6.3	5.0	5.3	5.0	4.7	4.7
BLUE NOTE	KB	4.7	5.7	6.3	5.3	6.0	5.0	5.7	5.0	4.7	4.0
EVEREST	KB	5.0	4.7	6.3	5.7	6.0	5.7	5.7	5.0	4.3	3.7
BABE	KB	5.3	6.3	6.3	6.3	6.0	5.0	5.7	5.0	3.7	3.0
BAR PP 110358	KB	5.7	6.0	6.3	5.0	6.0	4.7	5.0	4.3	3.3	3.0
BARRARI	KB	5.3	5.3	5.3	5.3	5.7	3.7	4.3	4.0	3.0	2.7
LSD VALUE		3.1	2.7	0.8	2.8	1.3	1.5	1.6	1.0	0.9	1.1
C.V. (%)		21.2	20.8	6.9	16.1	9.0	15.4	13.4	11.4	10.7	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 8B.
(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/
2020 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN										MEAN
		7/27/20	8/5/20	8/14/20	8/19/20	8/27/20	9/3/20	9/11/20	9/18/20	9/24/20	10/1/20	
PST-K11-118	KB	6.3	6.0	6.3	6.3	5.3	5.3	5.7	5.3	5.0	5.7	6.0
NAI-13-14	KB	5.7	5.3	4.3	5.3	4.3	4.0	4.0	4.3	3.3	3.3	5.3
PST-K13-141	KB	5.3	5.3	5.0	4.7	4.3	4.0	4.7	4.0	5.0	5.3	5.3
PST-K13-137	KB	5.7	5.3	3.7	4.3	3.3	3.7	3.3	4.0	2.7	3.0	5.2
DAUNTLESS	KB	5.3	4.7	3.7	4.7	3.7	3.3	3.7	3.3	3.0	3.0	5.0
BLUE DEVIL	KB	5.3	4.7	4.3	4.7	4.0	3.0	3.0	3.0	3.0	2.3	4.9
PST-K13-143	KB	5.3	4.7	4.0	4.7	3.7	2.7	3.3	3.3	3.0	2.7	4.9
PST-K15-169	KB	5.3	5.3	4.3	4.3	3.7	3.0	3.7	3.3	3.0	3.3	4.9
NAI-13-132	KB	5.3	4.3	3.3	4.0	3.0	3.3	3.7	3.0	2.7	2.3	4.7
MIDNIGHT	KB	4.7	4.0	5.0	3.7	3.7	3.7	3.7	3.7	4.0	4.3	4.6
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.7	3.3	4.7	4.0	3.0	3.3	3.3	3.3	3.0	3.0	4.4
BLUE NOTE	KB	4.0	3.3	2.7	2.3	2.0	2.0	2.7	2.7	3.7	4.0	4.1
EVEREST	KB	3.3	3.0	3.7	2.7	2.7	2.0	1.7	2.7	3.3	4.0	4.1
BABE	KB	2.7	2.3	2.3	2.0	1.7	1.3	1.7	2.3	3.0	3.7	3.8
BAR PP 110358	KB	3.0	2.3	2.3	2.7	2.0	2.0	2.0	2.3	3.0	3.7	3.7
BARRARI	KB	2.7	2.0	2.7	2.3	2.0	1.7	2.3	2.7	3.3	3.7	3.5
LSD VALUE		1.1	1.3	0.9	1.6	1.3	1.3	1.5	1.5	1.4	1.2	0.8
C.V. (%)		14.3	19.7	14.8	24.0	23.6	25.5	27.1	24.2	21.9	20.2	10.2

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

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

TABLE 8B.
(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/
2020 DATA

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

NAME		PERCENT GREEN COVER RATINGS											
		4/17/20	5/18/20	6/1/20	6/8/20	6/15/20	6/22/20	6/29/20	7/6/20	7/13/20	7/20/20	7/27/20	8/3/20
PST-K11-118	KB	74.0	96.0	97.3	96.3	96.0	95.7	94.0	93.7	91.7	85.7	82.0	81.7
NAI-13-14	KB	71.3	96.0	94.3	94.0	94.0	87.7	82.7	85.3	82.7	78.0	71.7	65.3
PST-K13-141	KB	70.0	96.3	95.0	95.0	95.3	95.0	94.0	94.3	91.0	83.0	87.0	76.0
PST-K13-137	KB	74.7	95.3	95.3	94.7	94.0	88.3	85.7	87.7	84.7	80.0	70.3	58.3
DAUNTLESS	KB	83.0	96.7	96.0	94.3	94.7	86.3	82.7	86.0	82.3	76.7	69.3	59.7
BLUE DEVIL	KB	74.7	95.0	94.0	93.3	92.7	86.7	80.0	84.0	81.7	76.0	71.0	59.3
PST-K13-143	KB	76.3	95.7	94.3	94.3	93.3	89.3	84.7	87.0	84.3	78.7	73.3	59.3
PST-K15-169	KB	78.7	96.0	95.3	95.0	95.0	90.0	85.3	87.3	84.3	78.7	72.3	64.7
NAI-13-132	KB	77.7	95.0	94.3	93.7	94.0	87.0	81.7	83.7	79.3	73.0	64.7	54.7
MIDNIGHT	KB	75.0	94.3	93.7	88.7	91.3	87.7	81.7	83.3	76.3	70.0	74.0	60.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		71.3	96.3	94.7	91.7	93.0	89.7	86.3	87.3	82.0	75.3	75.7	61.7
BLUE NOTE	KB	71.3	86.0	95.7	92.0	91.7	87.7	83.7	85.3	69.0	47.0	43.0	20.7
EVEREST	KB	80.3	95.0	96.3	95.0	94.0	92.0	89.0	86.3	66.3	50.7	56.7	31.3
BABE	KB	82.7	86.3	95.3	94.0	94.0	91.3	87.7	86.7	70.3	52.7	38.7	11.0
BAR PP 110358	KB	85.3	95.3	95.0	91.7	90.3	86.3	81.3	77.7	52.7	31.3	31.7	14.3
BARRARI	KB	75.7	95.0	91.3	87.3	86.0	82.0	73.3	67.7	41.7	23.0	28.7	13.3
LSD VALUE		21.1	17.8	4.1	3.8	2.4	3.5	4.4	4.8	6.8	9.3	10.9	17.3
C.V. (%)		10.0	6.4	1.8	2.3	1.6	2.4	3.3	3.6	5.9	9.3	11.3	22.5

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

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

TABLE 8B.
(CONT'D)

PERCENT GREEN COVER AND OTHER RATINGS OF KENTUCKY BLUEGRASS CULTIVARS WITH 60% OF ET
IN THE 2016 NATIONAL COOL-SEASON WATER USE/DROUGHT TOLERANCE TEST AT LOGAN, UT 1/
2020 DATA

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

NAME		PERCENT GREEN COVER RATINGS											
		8/11/20	8/17/20	8/24/20	8/31/20	9/8/20	9/14/20	9/21/20	9/28/20	10/5/20	10/12/20	10/19/20	10/29/20
PST-K11-118	KB	85.0	82.7	79.7	81.7	76.3	72.0	80.7	84.3	86.0	86.7	85.3	76.7
NAI-13-14	KB	66.3	62.3	59.3	59.3	53.3	45.7	55.7	56.0	58.0	56.3	57.3	45.7
PST-K13-141	KB	81.0	73.7	69.7	74.3	65.3	63.0	77.0	83.7	87.3	88.0	87.0	79.7
PST-K13-137	KB	60.3	52.7	49.7	42.7	31.3	30.3	40.7	47.0	50.7	53.7	52.0	39.7
DAUNTLESS	KB	60.7	56.0	51.7	50.0	37.3	37.7	50.0	53.7	55.7	58.3	58.0	44.7
BLUE DEVIL	KB	58.3	53.3	47.0	47.0	34.3	32.0	44.0	47.3	52.7	55.0	56.3	45.3
PST-K13-143	KB	61.0	57.3	54.0	51.3	42.0	40.0	50.3	55.3	59.0	61.0	63.3	52.0
PST-K15-169	KB	63.7	59.3	55.7	54.3	43.7	39.7	52.0	55.3	58.7	58.7	59.0	47.7
NAI-13-132	KB	56.7	51.7	48.0	47.3	40.3	34.7	44.7	49.3	50.7	53.7	51.7	39.3
MIDNIGHT	KB	67.0	61.0	55.7	59.7	52.3	50.0	65.3	71.7	75.0	75.7	78.7	69.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		68.0	60.7	58.3	57.7	50.3	48.7	58.3	65.0	69.3	71.7	73.3	62.3
BLUE NOTE	KB	25.7	14.0	6.3	15.3	12.7	14.3	36.3	57.3	68.3	71.7	75.7	69.3
EVEREST	KB	41.0	24.0	17.3	23.3	17.3	19.0	38.3	61.0	73.0	78.0	80.3	77.0
BABE	KB	13.3	6.0	3.7	4.0	4.0	5.7	24.7	48.3	62.3	68.3	74.3	69.3
BAR PP 110358	KB	17.0	11.3	7.7	9.3	7.3	10.0	31.3	52.3	64.0	70.3	74.7	65.7
BARRARI	KB	25.0	15.0	15.3	19.3	15.7	18.7	37.7	56.0	67.3	73.3	78.0	71.0
LSD VALUE		15.7	18.1	18.8	21.8	24.1	22.2	20.0	17.7	14.5	12.8	10.9	12.3
C.V. (%)		19.2	25.1	28.5	31.5	40.2	38.2	24.1	17.1	13.3	11.6	10.0	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 8C.

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/
2020 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN									
		4/1/20	5/1/20	6/5/20	6/12/20	6/19/20	6/26/20	7/2/20	7/7/20	7/16/20	7/23/20
PST-K13-141	KB	4.3	4.7	7.0	6.7	7.0	7.0	7.3	6.7	6.0	6.3
DAUNTLESS	KB	5.7	7.3	7.0	6.3	6.7	5.7	6.0	5.7	5.7	5.7
NAI-13-14	KB	5.7	6.3	6.7	6.0	7.0	6.0	6.0	5.7	5.7	5.7
BLUE DEVIL	KB	6.7	6.3	6.7	6.0	6.7	5.7	6.0	5.3	5.7	5.0
PST-K13-143	KB	5.0	5.7	7.0	5.3	6.0	5.0	5.3	5.7	5.3	5.3
NAI-13-132	KB	5.0	6.7	7.0	6.3	7.0	6.0	6.0	6.0	6.0	5.0
PST-K11-118	KB	5.0	5.0	6.3	6.0	6.3	5.0	6.0	5.0	5.3	4.3
PST-K13-137	KB	5.7	6.3	6.7	6.3	6.7	5.7	6.0	5.3	6.0	5.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.3	5.7	6.0	5.0	5.7	5.0	5.0	4.7	5.0	4.7
MIDNIGHT	KB	4.0	4.3	5.7	5.7	6.0	6.0	5.3	5.3	5.3	4.0
PST-K15-169	KB	6.0	5.7	7.0	4.7	5.7	4.0	5.3	4.7	4.0	4.0
BARRARI	KB	5.3	4.0	6.0	6.0	6.3	5.7	6.0	4.7	4.3	3.7
BAR PP 110358	KB	4.3	4.0	5.7	5.7	6.0	5.3	5.3	5.0	4.3	3.7
BLUE NOTE	KB	3.7	6.3	6.0	5.7	6.3	5.3	5.7	5.0	4.0	3.3
BABE	KB	4.3	4.0	6.3	5.3	6.0	5.0	5.3	4.7	3.7	3.3
EVEREST	KB	4.3	4.3	6.0	5.3	5.7	4.0	4.3	4.0	3.0	2.7
LSD VALUE		3.0	2.0	1.4	3.0	1.6	1.7	1.8	1.4	0.9	1.2
C.V. (%)		23.6	19.6	9.7	17.3	10.5	15.4	14.1	13.4	11.3	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 8C.
(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/
2020 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN										MEAN
		7/27/20	8/5/20	8/14/20	8/19/20	8/27/20	9/3/20	9/11/20	9/18/20	9/24/20	10/1/20	
PST-K13-141	KB	6.3	5.0	5.7	5.7	4.7	5.0	5.0	4.7	4.3	4.3	5.7
DAUNTLESS	KB	5.7	5.0	4.3	4.0	4.0	3.3	3.7	3.3	3.0	3.0	5.1
NAI-13-14	KB	5.7	5.0	4.0	4.3	3.7	3.3	3.7	3.3	3.3	3.0	5.0
BLUE DEVIL	KB	5.0	4.7	4.0	4.7	3.7	3.0	3.7	3.3	3.3	3.0	4.9
PST-K13-143	KB	5.3	5.0	4.0	4.7	4.7	3.7	4.0	3.7	3.3	3.3	4.9
NAI-13-132	KB	4.7	4.0	3.3	4.0	3.0	3.0	3.0	2.7	2.7	2.7	4.7
PST-K11-118	KB	4.3	4.3	5.0	4.0	3.3	3.7	3.7	3.7	3.3	3.7	4.7
PST-K13-137	KB	5.3	4.0	3.7	4.0	3.0	2.3	2.7	3.3	2.7	2.7	4.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.3	4.0	4.7	4.0	3.7	4.0	3.7	3.7	3.3	3.7	4.6
MIDNIGHT	KB	4.3	4.3	4.3	3.3	3.0	3.3	3.0	2.7	2.3	3.0	4.3
PST-K15-169	KB	3.7	3.3	5.0	3.7	3.0	3.7	2.7	3.0	2.7	3.0	4.2
BARRARI	KB	3.3	2.7	3.0	3.0	2.0	2.3	2.3	2.7	2.7	4.3	4.0
BAR PP 110358	KB	3.7	3.0	2.7	2.7	2.3	2.0	1.7	2.0	2.7	3.7	3.8
BLUE NOTE	KB	3.0	2.3	2.7	2.0	1.7	1.7	1.7	2.0	3.0	3.7	3.8
BABE	KB	3.3	3.0	2.7	2.7	2.0	1.7	1.3	2.0	2.7	3.7	3.7
EVEREST	KB	2.7	2.3	2.7	2.3	1.7	1.7	2.0	2.3	3.0	3.3	3.4
LSD VALUE		1.1	1.2	0.9	1.1	1.0	1.3	1.4	1.1	1.3	1.1	0.8
C.V. (%)		15.9	18.7	14.9	18.1	20.3	25.1	27.8	20.5	19.5	16.9	10.3

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

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

TABLE 8C.
(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/
2020 DATA

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

NAME		PERCENT GREEN COVER RATINGS											
		4/17/20	5/18/20	6/1/20	6/8/20	6/15/20	6/22/20	6/29/20	7/6/20	7/13/20	7/20/20	7/27/20	8/3/20
PST-K13-141	KB	70.0	94.3	98.0	98.0	97.3	95.3	94.3	94.0	92.0	88.7	84.0	75.3
DAUNTLESS	KB	74.3	95.3	93.7	93.3	92.3	85.7	79.3	83.0	80.7	74.3	67.7	60.0
NAI-13-14	KB	73.7	94.7	95.3	93.7	94.0	88.0	83.3	85.0	82.7	75.7	68.3	61.0
BLUE DEVIL	KB	87.7	95.0	93.7	93.0	91.7	85.7	79.3	81.0	76.3	69.3	63.3	55.7
PST-K13-143	KB	74.7	95.7	93.7	93.7	94.0	88.7	82.7	86.0	83.0	77.0	73.7	65.3
NAI-13-132	KB	73.7	96.3	94.7	94.3	94.7	90.0	86.0	88.0	83.3	75.0	66.0	56.0
PST-K11-118	KB	80.3	96.0	97.0	95.0	96.0	94.3	92.0	92.3	89.0	83.0	85.0	72.3
PST-K13-137	KB	80.7	96.7	94.0	94.0	93.0	87.0	81.7	84.0	81.3	77.3	69.7	57.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		82.3	97.7	93.0	89.3	90.3	89.7	85.7	86.0	82.7	75.3	78.3	67.3
MIDNIGHT	KB	73.7	53.3	94.0	93.0	93.3	92.3	90.0	90.7	88.0	81.3	80.3	61.7
PST-K15-169	KB	88.7	95.3	96.0	95.7	96.3	94.0	92.0	92.7	90.7	87.0	83.7	74.7
BARRARI	KB	84.0	95.0	95.0	93.7	93.0	92.0	88.7	85.7	62.0	46.7	45.3	22.3
BAR PP 110358	KB	78.3	94.0	95.3	95.3	94.3	92.3	90.3	88.7	71.0	53.3	56.7	31.7
BLUE NOTE	KB	66.0	95.7	93.0	91.7	91.3	88.3	84.0	83.0	61.3	42.3	42.0	16.3
BABE	KB	75.7	96.3	95.7	94.3	93.0	91.0	86.7	84.0	60.7	42.0	41.0	13.7
EVEREST	KB	76.0	96.7	94.0	89.7	86.3	81.0	74.0	68.0	37.3	22.0	23.3	8.0
LSD VALUE		19.5	25.1	4.5	5.6	4.0	3.1	4.1	4.2	11.2	13.0	12.5	13.8
C.V. (%)		10.7	13.1	2.0	2.8	2.4	2.2	3.1	3.2	9.5	12.7	12.6	18.1

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

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

TABLE 8C.
(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/
2020 DATA

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

NAME		PERCENT GREEN COVER RATINGS											
		8/11/20	8/17/20	8/24/20	8/31/20	9/8/20	9/14/20	9/21/20	9/28/20	10/5/20	10/12/20	10/19/20	10/29/20
PST-K13-141	KB	81.0	77.3	71.0	76.3	58.0	58.7	69.3	72.7	76.0	76.7	76.3	68.0
DAUNTLESS	KB	59.7	57.3	51.3	53.0	44.3	36.3	50.0	55.7	58.0	60.0	60.0	48.0
NAI-13-14	KB	61.3	57.3	57.0	56.0	43.0	41.7	54.7	59.0	60.3	60.0	59.0	45.3
BLUE DEVIL	KB	55.7	52.0	51.3	51.7	43.0	39.0	52.0	56.7	59.0	61.3	60.3	48.3
PST-K13-143	KB	64.7	60.3	57.0	56.0	49.3	43.3	54.7	57.0	55.7	55.0	53.3	39.0
NAI-13-132	KB	55.3	51.3	47.0	43.3	37.0	32.7	44.0	48.3	52.0	54.0	54.0	41.3
PST-K11-118	KB	77.3	70.3	62.3	66.3	58.3	54.0	72.0	79.0	82.3	83.3	82.7	71.7
PST-K13-137	KB	56.3	54.3	48.0	44.7	34.7	33.0	44.0	47.0	52.3	55.0	59.3	48.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		72.0	67.3	59.7	62.3	56.0	49.0	63.7	68.3	72.7	75.3	77.3	70.0
MIDNIGHT	KB	66.3	59.3	54.7	45.0	30.7	30.0	41.3	49.3	54.3	60.0	61.7	53.3
PST-K15-169	KB	79.3	72.0	66.7	69.7	60.0	50.7	48.3	63.3	63.0	66.3	69.3	57.0
BARRARI	KB	31.0	19.0	17.0	19.0	17.0	16.3	37.7	62.7	76.7	82.0	85.3	81.7
BAR PP 110358	KB	41.3	26.7	17.7	19.3	14.0	16.7	36.3	61.3	74.0	78.7	82.7	79.3
BLUE NOTE	KB	22.0	15.3	10.0	15.7	9.7	13.3	30.3	48.7	60.7	66.0	69.3	62.0
BABE	KB	25.0	10.0	6.7	11.0	9.0	10.0	27.3	53.3	67.7	75.7	80.3	78.7
EVEREST	KB	18.7	11.0	8.0	10.7	8.3	13.0	30.3	48.7	60.0	66.0	72.0	66.3
LSD VALUE		14.1	14.5	18.6	18.5	19.2	18.6	15.1	15.3	12.8	12.4	10.2	12.0
C.V. (%)		16.9	20.0	27.8	27.0	33.4	33.6	19.5	14.6	11.7	11.0	9.3	12.8

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

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

TABLE 9A.

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/
2020 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN									
		4/1/20	5/1/20	6/5/20	6/12/20	6/19/20	6/26/20	7/2/20	7/7/20	7/16/20	7/23/20
KINGDOM	TF	4.0	5.3	7.0	6.7	7.7	7.3	7.3	7.0	6.7	6.7
THOR	TF	4.3	5.3	7.0	6.7	7.3	6.7	7.0	6.7	6.3	7.0
PST-5SDS	TF	5.0	6.7	7.3	6.0	7.0	6.7	7.0	6.0	6.3	6.3
CATALYST	TF	5.0	6.3	7.0	7.0	7.3	6.3	6.7	5.7	6.3	6.0
STETSON II	TF	5.0	6.7	7.0	6.3	7.0	6.0	6.0	6.3	6.0	5.7
DLFPS 321/3678	TF	6.3	7.7	7.3	6.7	7.0	6.3	6.3	6.3	6.3	6.0
LTP-SYN-A3	TF	4.7	6.0	7.0	6.0	7.0	5.7	6.0	5.7	6.0	6.0
MRSL TF15	TF	4.7	7.0	7.0	6.7	7.3	6.3	6.0	6.0	6.0	6.0
PST-R511	TF	4.3	6.3	7.0	6.3	7.0	6.0	6.3	6.0	6.0	5.7
TITANIUM 2LS	TF	4.3	5.0	6.7	5.7	6.7	6.0	6.7	6.7	6.0	6.3
DLFPS 321/3677	TF	4.7	5.7	7.3	6.3	6.7	5.7	6.0	5.3	6.0	5.7
NONET	TF	5.7	6.7	7.0	7.0	7.0	6.7	6.3	6.0	5.7	6.0
DLFPS 321/3679	TF	5.0	6.7	6.3	6.7	6.3	6.3	6.3	6.0	5.7	6.0
SUPERSONIC	TF	5.3	6.0	6.7	5.7	6.0	5.0	5.7	5.3	5.7	5.3
RS4	TF	4.7	6.0	6.7	6.0	6.3	5.0	6.0	5.7	6.0	5.3
GO-AOMK	TF	5.3	5.7	6.7	5.3	6.3	5.3	5.7	5.3	5.7	5.3
THUNDERSTRUCK	TF	4.7	5.7	6.3	5.3	6.0	5.0	5.3	5.0	5.0	4.7
BARROBUSTO	TF	5.0	5.7	6.7	6.7	6.7	5.7	6.0	5.7	5.7	5.3
BAR FA 121095	TF	5.7	6.0	6.3	5.7	6.3	5.0	5.7	5.3	5.3	5.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.0	5.0	6.0	5.3	5.7	4.7	5.7	5.0	5.3	5.0
LSD VALUE		1.9	2.3	1.4	2.1	1.0	1.4	1.2	1.0	1.0	1.1
C.V. (%)		15.8	15.6	7.9	13.0	8.0	12.6	9.5	9.5	8.0	10.3

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

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

TABLE 9A.
(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/
2020 DATA

		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/										
		QUALITY RATINGS DURING DRY DOWN										
NAME		7/27/20	8/5/20	8/14/20	8/19/20	8/27/20	9/3/20	9/11/20	9/18/20	9/24/20	10/1/20	MEAN
KINGDOM	TF	6.7	6.3	6.3	7.0	6.7	7.3	7.0	6.3	7.0	6.0	6.6
THOR	TF	6.3	5.7	6.3	7.3	6.7	7.3	7.3	7.0	6.0	6.3	6.5
PST-5SDS	TF	6.3	6.3	6.0	6.7	6.0	7.0	7.0	6.3	6.0	6.7	6.4
CATALYST	TF	6.0	5.7	5.7	6.3	6.0	6.3	6.0	6.0	5.7	6.3	6.2
STETSON II	TF	5.7	6.0	6.0	6.0	6.3	6.3	6.3	6.7	6.0	6.7	6.2
DLFPS 321/3678	TF	6.0	6.0	5.7	5.7	5.7	6.0	5.3	5.7	5.0	5.3	6.1
LTP-SYN-A3	TF	6.0	6.0	6.0	6.3	6.0	6.0	6.7	6.0	5.3	6.3	6.0
MRSL TF15	TF	6.0	5.7	5.7	5.7	5.7	5.7	6.0	6.0	5.7	5.3	6.0
PST-R511	TF	5.7	5.7	5.7	6.3	5.7	6.3	6.3	6.0	6.0	6.0	6.0
TITANIUM 2LS	TF	6.3	6.0	5.7	5.7	5.0	5.7	6.3	5.3	5.3	5.7	5.9
DLFPS 321/3677	TF	5.7	5.7	5.3	5.7	5.3	6.0	5.7	5.7	5.0	5.7	5.8
NONET	TF	6.0	5.3	5.3	5.3	5.0	5.0	5.0	5.0	5.0	4.7	5.8
DLFPS 321/3679	TF	5.7	5.3	5.3	5.3	4.0	4.7	4.3	4.3	3.7	3.3	5.4
SUPERSONIC	TF	5.3	5.7	5.3	5.0	5.0	5.7	5.3	4.7	4.7	4.7	5.4
RS4	TF	5.0	4.3	5.3	5.3	4.0	5.7	5.0	5.0	4.0	4.3	5.3
GO-AOMK	TF	5.3	5.0	5.3	4.7	4.3	4.7	4.3	4.7	4.3	4.7	5.2
THUNDERSTRUCK	TF	4.7	4.3	5.7	5.0	5.3	5.7	5.0	5.0	4.0	4.7	5.1
BARROBUSTO	TF	5.3	4.3	5.0	4.3	3.3	3.7	3.7	3.3	3.7	3.7	5.0
BAR FA 121095	TF	5.0	4.3	4.7	4.7	3.7	4.3	4.0	4.0	3.7	3.3	4.9
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.0	5.0	5.3	4.0	4.0	4.3	3.7	4.0	4.0	4.0	4.8
LSD VALUE		1.2	1.5	1.5	1.3	1.2	1.8	1.8	1.2	1.2	1.3	0.8
C.V. (%)		10.6	13.5	10.6	13.3	14.5	17.0	18.6	13.6	14.8	15.4	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 9A.
(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/
2020 DATA

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

NAME		PERCENT GREEN COVER RATINGS											
		4/17/20	5/18/20	6/1/20	6/8/20	6/15/20	6/22/20	6/29/20	7/6/20	7/13/20	7/20/20	7/27/20	8/3/20
KINGDOM	TF	67.3	96.7	95.3	97.7	96.7	95.7	93.3	94.7	93.7	91.7	86.3	89.0
THOR	TF	69.7	95.0	95.3	95.3	94.7	93.0	90.7	92.0	90.7	88.3	79.3	85.0
PST-5SDS	TF	66.0	96.0	94.0	94.0	93.3	89.7	85.7	88.7	88.0	87.0	80.3	82.0
CATALYST	TF	67.3	94.7	94.3	95.0	95.0	90.3	87.0	90.0	87.7	85.7	83.0	80.0
STETSON II	TF	74.0	96.0	94.7	95.3	95.0	88.3	85.3	88.0	86.0	84.7	79.3	79.0
DLFPS 321/3678	TF	79.0	91.7	95.7	95.0	94.7	90.0	84.0	87.7	85.7	83.3	81.0	75.0
LTP-SYN-A3	TF	63.3	94.7	95.0	94.7	95.0	89.0	87.7	90.7	89.7	89.0	90.0	85.3
MRS� TF15	TF	68.0	96.0	95.7	95.3	95.7	91.0	86.0	90.7	89.3	88.0	80.3	83.7
PST-R511	TF	51.3	94.3	93.7	94.3	95.0	91.0	86.3	90.0	88.0	84.7	80.0	79.3
TITANIUM 2LS	TF	59.0	93.7	95.3	96.0	95.3	94.0	92.0	93.0	91.7	89.0	84.0	84.7
DLFPS 321/3677	TF	67.3	94.7	94.0	94.0	94.0	88.0	83.0	85.7	83.7	80.7	78.3	71.7
NONET	TF	74.0	92.7	91.0	90.7	92.0	89.3	85.7	88.0	86.0	81.0	78.7	72.0
DLFPS 321/3679	TF	64.0	94.3	91.7	90.7	92.0	86.0	82.3	86.0	84.7	80.7	78.0	69.0
SUPERSONIC	TF	75.0	96.0	95.0	94.0	93.7	88.7	84.0	86.7	86.0	82.7	82.0	75.3
RS4	TF	64.0	95.0	94.0	93.7	93.7	90.0	86.0	88.0	85.3	82.7	80.7	76.7
GO-AOMK	TF	71.0	95.3	92.3	89.0	90.7	88.0	85.0	87.3	84.3	81.0	80.0	68.3
THUNDERSTRUCK	TF	71.0	95.7	93.3	92.7	91.7	86.3	81.3	83.0	82.0	78.7	72.3	77.7
BARROBUSTO	TF	76.3	96.3	96.7	96.7	96.0	94.7	92.3	93.3	91.3	86.0	87.7	76.7
BAR FA 121095	TF	71.7	94.0	93.0	91.7	92.7	88.3	84.7	87.3	85.3	81.3	80.7	73.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		64.0	94.7	93.3	91.3	92.0	90.0	88.3	90.0	87.3	82.7	80.3	70.3
LSD VALUE		19.1	6.7	6.2	6.0	4.2	3.4	4.5	3.8	5.5	6.9	18.8	13.3
C.V. (%)		12.2	2.3	2.4	2.9	2.1	2.3	3.1	2.6	3.4	4.3	7.9	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 9A.
(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/
2020 DATA

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

NAME		PERCENT GREEN COVER RATINGS											
		8/11/20	8/17/20	8/24/20	8/31/20	9/8/20	9/14/20	9/21/20	9/28/20	10/5/20	10/12/20	10/19/20	10/29/20
KINGDOM	TF	90.3	90.0	92.7	94.3	91.3	89.7	93.0	94.3	93.7	92.7	89.0	78.0
THOR	TF	88.7	89.3	91.3	94.0	91.7	90.0	93.0	94.0	94.0	93.3	89.3	80.0
PST-5SDS	TF	84.3	85.7	87.0	89.7	88.0	85.0	90.3	91.7	91.3	87.0	82.7	68.7
CATALYST	TF	82.0	82.0	84.7	88.3	85.7	82.7	89.0	90.3	90.3	86.3	82.7	70.0
STETSON II	TF	81.7	83.3	87.0	90.3	90.3	87.7	93.0	93.7	94.3	91.0	85.3	73.0
DLFPS 321/3678	TF	78.3	77.3	79.0	80.3	78.7	75.0	81.0	84.0	82.3	79.0	76.3	60.7
LTP-SYN-A3	TF	87.7	89.3	91.0	93.3	90.0	87.3	92.3	92.3	92.0	86.0	81.3	68.3
MRS� TF15	TF	85.0	85.3	88.0	90.0	88.7	85.7	90.3	90.7	90.3	83.7	79.0	61.7
PST-R511	TF	82.3	83.7	86.0	89.0	87.3	83.3	89.7	91.0	91.0	87.7	84.3	71.7
TITANIUM 2LS	TF	87.0	87.3	89.3	92.7	89.7	84.7	90.7	92.3	91.3	91.0	89.7	81.3
DLFPS 321/3677	TF	75.0	74.7	78.3	82.3	80.7	76.0	84.3	85.0	83.7	78.7	74.0	59.0
NONET	TF	74.3	74.0	75.0	77.0	71.0	65.3	74.7	78.0	78.7	75.3	73.7	60.7
DLFPS 321/3679	TF	72.7	72.3	71.0	70.3	67.7	62.0	70.7	72.0	71.7	69.3	68.0	55.0
SUPERSONIC	TF	77.7	76.3	79.3	81.0	78.7	72.7	80.0	81.3	81.3	78.7	76.3	63.7
RS4	TF	80.7	79.3	85.3	86.7	81.3	79.3	84.3	86.0	86.7	86.3	83.3	69.3
GO-AOMK	TF	73.7	71.7	67.3	70.7	66.3	62.0	72.7	74.7	75.7	74.3	74.0	63.0
THUNDERSTRUCK	TF	81.7	81.7	84.7	87.7	84.7	77.3	84.3	84.7	87.0	85.3	82.7	69.7
BARROBUSTO	TF	81.7	74.3	63.7	65.7	50.3	46.0	61.7	69.3	72.7	74.7	76.3	67.3
BAR FA 121095	TF	73.0	72.0	74.0	73.0	65.3	61.7	70.7	70.0	71.0	66.7	66.3	53.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		79.0	75.7	67.7	69.0	54.7	52.7	62.3	72.0	73.3	71.3	72.3	63.0
LSD VALUE		9.4	12.7	18.7	16.9	18.9	16.5	12.1	11.1	10.9	10.0	10.9	14.5
C.V. (%)		6.4	8.2	11.7	11.0	13.8	13.2	9.0	7.9	7.7	7.4	7.8	11.6

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

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

TABLE 9B.

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/
2020 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN									
		4/1/20	5/1/20	6/5/20	6/12/20	6/19/20	6/26/20	7/2/20	7/7/20	7/16/20	7/23/20
PST-R511	TF	4.7	6.7	7.0	6.7	6.7	6.0	6.7	6.0	6.7	6.7
PST-5SDS	TF	5.7	6.3	7.0	6.3	7.3	6.3	6.7	6.3	6.3	6.0
MRSL TF15	TF	4.3	6.0	7.3	6.7	7.7	6.0	7.0	5.7	6.0	5.7
STETSON II	TF	4.0	6.0	7.0	6.3	7.0	6.0	7.0	6.3	6.0	5.7
CATALYST	TF	4.3	6.0	7.0	6.0	6.7	5.7	6.3	6.0	6.3	6.0
DLFPS 321/3678	TF	5.3	6.7	7.7	7.0	7.7	6.7	7.0	6.3	6.3	6.3
LTP-SYN-A3	TF	4.7	6.0	7.0	6.0	7.0	6.3	6.3	6.3	6.0	6.3
NONET	TF	4.3	5.7	7.0	6.3	7.0	6.3	6.0	6.0	6.0	5.7
THUNDERSTRUCK	TF	5.0	5.0	6.7	7.0	6.7	6.3	6.7	5.7	6.0	6.0
BARROBUSTO	TF	5.0	3.7	6.3	5.7	6.3	6.3	7.0	6.7	6.0	6.0
DLFPS 321/3679	TF	5.7	6.3	7.0	6.0	6.7	6.3	6.3	5.7	6.0	6.0
GO-AOMK	TF	5.7	6.0	7.0	6.3	6.7	5.7	5.7	5.3	6.0	5.7
THOR	TF	4.3	3.7	6.3	5.3	6.3	5.7	7.0	5.7	5.7	5.7
DLFPS 321/3677	TF	5.0	5.7	7.0	6.3	7.0	6.0	5.7	5.7	5.7	5.3
RS4	TF	5.0	7.0	7.7	6.0	6.0	5.0	5.3	5.3	5.0	4.7
TITANIUM 2LS	TF	5.0	6.0	7.3	6.3	6.0	4.7	6.0	5.7	5.3	5.0
BAR FA 121095	TF	4.7	6.3	7.0	6.3	6.7	5.7	6.0	5.7	5.7	5.7
KINGDOM	TF	7.0	7.0	7.3	7.0	6.7	4.3	4.7	4.7	4.7	3.7
SUPERSONIC	TF	5.7	7.0	8.0	5.3	6.0	4.7	6.0	5.7	5.0	4.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.3	5.0	6.0	5.7	6.3	5.0	5.3	5.0	4.7	4.7
LSD VALUE		2.0	1.7	0.6	1.5	1.1	2.0	1.1	1.1	0.9	1.2
C.V. (%)		17.8	15.6	5.3	10.5	8.1	15.1	9.7	9.5	8.8	11.8

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

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

TABLE 9B.
(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/
2020 DATA

		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/										
		QUALITY RATINGS DURING DRY DOWN										
NAME		7/27/20	8/5/20	8/14/20	8/19/20	8/27/20	9/3/20	9/11/20	9/18/20	9/24/20	10/1/20	MEAN
PST-R511	TF	6.7	6.3	6.3	6.3	6.3	7.0	6.7	5.7	6.0	6.0	6.4
PST-5SDS	TF	5.7	6.0	6.3	6.0	6.0	6.7	6.3	6.0	6.0	6.3	6.3
MRSL TF15	TF	5.7	5.7	6.0	6.0	6.0	6.7	6.7	6.3	6.0	6.3	6.2
STETSON II	TF	5.7	5.7	6.0	6.7	6.0	6.3	7.0	6.0	6.0	6.0	6.1
CATALYST	TF	6.0	6.0	6.0	6.0	6.0	6.7	6.0	6.0	5.3	5.3	6.0
DLFPS 321/3678	TF	6.0	5.7	5.7	6.0	5.3	5.3	5.0	5.0	4.7	4.7	6.0
LTP-SYN-A3	TF	6.0	5.3	5.7	6.0	5.0	6.3	5.7	5.3	5.0	5.7	5.9
NONET	TF	5.7	5.7	5.3	5.7	5.3	5.3	5.0	5.0	4.7	5.3	5.7
THUNDERSTRUCK	TF	6.0	5.3	5.3	5.3	5.3	5.7	5.3	5.7	4.7	5.0	5.7
BARROBUSTO	TF	6.0	5.0	5.3	6.0	5.0	5.3	5.0	4.7	4.7	5.0	5.6
DLFPS 321/3679	TF	6.0	5.0	5.0	5.3	5.0	5.3	5.3	4.7	4.7	4.3	5.6
GO-AOMK	TF	5.0	5.0	5.7	5.3	5.3	5.7	5.3	5.0	4.3	5.0	5.6
THOR	TF	6.0	5.0	5.7	5.7	5.7	6.0	6.3	5.7	5.7	5.3	5.6
DLFPS 321/3677	TF	5.3	5.0	5.3	5.7	4.3	5.3	5.0	5.0	5.3	4.3	5.5
RS4	TF	4.7	5.0	6.0	4.7	5.0	5.7	6.0	5.3	5.3	5.7	5.5
TITANIUM 2LS	TF	5.3	5.0	6.3	4.7	5.3	5.3	5.0	5.3	4.7	5.7	5.5
BAR FA 121095	TF	5.7	5.0	5.3	4.7	4.7	4.7	4.7	4.7	4.3	3.7	5.4
KINGDOM	TF	4.7	4.3	5.0	4.7	4.7	5.7	4.7	4.7	4.7	4.7	5.2
SUPERSONIC	TF	4.7	4.3	5.3	4.3	3.7	5.0	5.0	4.3	3.7	4.0	5.1
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.7	3.3	4.7	4.0	3.0	3.3	3.3	3.3	3.0	3.0	4.4
LSD VALUE		1.7	1.4	1.2	1.6	1.6	1.6	1.5	1.2	0.9	1.6	0.8
C.V. (%)		13.3	14.2	10.3	14.7	16.3	14.8	15.5	12.7	11.8	16.9	7.9

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

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

TABLE 9B.
(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/
2020 DATA

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

NAME		PERCENT GREEN COVER RATINGS											
		4/17/20	5/18/20	6/1/20	6/8/20	6/15/20	6/22/20	6/29/20	7/6/20	7/13/20	7/20/20	7/27/20	8/3/20
PST-R511	TF	63.3	94.7	94.7	94.0	94.3	86.7	84.0	88.7	88.0	88.0	82.3	86.0
PST-5SDS	TF	76.3	94.0	96.3	96.3	95.7	91.3	87.3	89.7	89.3	87.0	75.7	82.0
MRSL TF15	TF	64.0	93.3	94.7	95.0	95.3	90.0	84.3	87.0	86.0	82.3	78.0	80.0
STETSON II	TF	58.7	97.0	94.3	94.3	95.3	91.3	88.3	90.0	88.7	86.0	80.3	79.7
CATALYST	TF	58.3	95.0	94.3	94.3	95.0	88.3	85.3	89.3	88.3	86.0	81.0	81.0
DLFPS 321/3678	TF	69.7	94.0	95.3	95.0	95.3	90.7	86.7	90.3	89.7	87.0	82.0	79.3
LTP-SYN-A3	TF	71.3	96.7	95.0	95.3	95.3	91.7	88.7	91.0	88.0	85.3	78.7	81.7
NONET	TF	68.3	91.3	95.0	94.0	94.7	90.0	84.3	89.0	86.3	84.3	81.3	74.7
THUNDERSTRUCK	TF	75.7	92.7	95.7	95.3	94.7	91.3	88.0	89.7	86.7	83.3	79.7	77.7
BARROBUSTO	TF	75.0	92.3	93.7	94.7	95.3	95.3	93.7	94.3	90.3	86.3	84.3	76.3
DLFPS 321/3679	TF	78.7	97.0	95.3	95.0	94.7	89.0	82.7	86.7	84.3	81.7	83.0	71.3
GO-AOMK	TF	79.0	95.7	94.3	95.0	95.3	89.0	84.0	86.3	85.0	82.7	81.0	75.3
THOR	TF	62.0	90.7	92.3	95.0	93.7	93.0	92.3	92.7	90.3	88.7	86.3	84.7
DLFPS 321/3677	TF	68.0	96.0	93.7	92.7	93.0	87.7	82.7	86.7	84.3	82.3	81.0	73.7
RS4	TF	76.3	95.3	95.7	95.0	94.3	91.3	87.0	88.7	88.0	85.0	81.3	82.0
TITANIUM 2LS	TF	74.7	94.3	97.0	96.7	96.0	93.0	90.3	91.3	89.3	86.3	81.7	84.7
BAR FA 121095	TF	67.7	97.3	95.3	95.3	96.0	91.7	84.3	88.3	85.0	81.7	79.0	71.0
KINGDOM	TF	96.0	96.3	98.0	98.0	95.0	88.3	75.7	76.3	73.7	71.7	73.0	69.0
SUPERSONIC	TF	86.3	96.0	97.7	97.7	97.7	95.3	93.7	94.3	94.0	92.0	86.3	90.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		71.3	96.3	94.7	91.7	93.0	89.7	86.3	87.3	82.0	75.3	75.7	61.7
LSD VALUE		17.1	11.3	4.6	3.7	4.9	3.6	4.8	4.6	5.7	8.0	22.2	11.0
C.V. (%)		12.7	3.8	2.0	1.8	1.8	2.3	3.4	3.2	3.9	5.2	8.4	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 9B.
(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/
2020 DATA

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

NAME		PERCENT GREEN COVER RATINGS											
		8/11/20	8/17/20	8/24/20	8/31/20	9/8/20	9/14/20	9/21/20	9/28/20	10/5/20	10/12/20	10/19/20	10/29/20
PST-R511	TF	88.7	89.7	91.7	94.0	93.0	88.7	92.7	93.0	92.3	86.7	83.0	71.0
PST-5SDS	TF	84.7	84.7	87.0	89.3	88.7	84.3	91.0	92.3	92.0	89.0	86.7	77.0
MRSL TF15	TF	82.0	83.7	86.7	89.7	90.3	88.7	92.0	92.3	92.0	88.7	83.3	71.7
STETSON II	TF	82.0	82.0	85.0	88.7	88.3	84.0	89.3	90.0	90.3	87.0	83.7	70.3
CATALYST	TF	83.0	82.7	85.0	87.3	85.3	82.0	87.3	88.3	88.0	80.3	75.3	62.7
DLFPS 321/3678	TF	81.3	81.0	81.7	83.0	73.7	71.7	78.3	80.0	79.7	76.7	75.0	61.7
LTP-SYN-A3	TF	83.7	84.7	87.3	90.3	89.3	81.7	89.3	91.0	91.7	86.7	82.7	66.0
NONET	TF	78.0	77.7	79.7	82.7	80.7	73.7	82.0	83.7	84.0	79.7	76.7	61.3
THUNDERSTRUCK	TF	81.3	79.3	81.3	83.7	81.0	79.0	84.3	86.7	88.7	86.3	82.7	69.3
BARROBUSTO	TF	82.0	74.7	71.3	73.3	69.7	67.0	77.3	82.7	86.0	86.0	84.7	79.0
DLFPS 321/3679	TF	74.0	72.3	73.7	76.3	71.3	68.7	78.7	80.3	79.7	77.7	75.0	62.3
GO-AOMK	TF	79.3	79.3	81.0	83.3	76.7	72.7	82.3	81.3	81.3	76.3	70.0	53.0
THOR	TF	87.7	87.7	88.3	92.0	90.3	88.0	91.3	92.7	92.7	92.3	90.3	80.0
DLFPS 321/3677	TF	73.0	73.7	77.3	80.0	76.7	74.3	82.3	82.7	82.0	77.3	74.0	61.0
RS4	TF	85.7	85.7	88.7	91.7	92.0	89.0	92.3	93.3	93.3	91.3	88.7	79.7
TITANIUM 2LS	TF	88.3	87.7	90.7	92.3	90.7	87.3	91.0	92.3	90.3	88.7	86.3	74.3
BAR FA 121095	TF	73.7	73.0	74.0	76.3	72.7	64.7	74.0	75.3	78.3	73.7	71.0	52.7
KINGDOM	TF	79.3	79.3	85.3	87.7	86.3	84.7	86.7	86.7	85.3	86.0	86.3	79.7
SUPERSONIC	TF	92.7	92.7	92.0	95.7	91.3	87.3	90.3	90.0	89.3	83.7	78.7	61.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		68.0	60.7	58.3	57.7	50.3	48.7	58.3	65.0	69.3	71.7	73.3	62.3
LSD VALUE		11.0	14.1	12.7	14.0	15.7	14.6	11.1	10.0	11.1	11.2	11.4	16.7
C.V. (%)		7.3	9.3	8.8	9.4	11.1	11.0	7.8	6.9	7.1	7.3	7.6	13.0

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

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

TABLE 9C.

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/
2020 DATA

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

NAME		QUALITY RATINGS DURING DRY DOWN									
		4/1/20	5/1/20	6/5/20	6/12/20	6/19/20	6/26/20	7/2/20	7/7/20	7/16/20	7/23/20
PST-5SDS	TF	4.0	6.3	7.7	6.7	7.7	6.7	7.3	7.0	6.3	6.3
THOR	TF	4.3	4.3	7.0	7.7	7.3	7.0	8.0	7.0	6.7	6.7
STETSON II	TF	5.0	6.7	7.3	6.7	7.0	6.3	6.3	6.3	6.0	6.3
THUNDERSTRUCK	TF	5.3	6.0	7.0	6.3	7.0	5.7	6.7	6.0	6.7	6.0
DLFPS 321/3678	TF	6.0	6.7	7.0	6.7	7.0	7.0	6.3	6.0	6.0	5.7
BAR FA 121095	TF	6.3	6.7	7.0	7.0	7.3	6.3	6.7	5.7	6.0	5.3
KINGDOM	TF	5.3	6.3	7.0	6.3	6.7	5.3	6.3	6.0	6.0	6.0
MRSL TF15	TF	4.7	6.3	7.0	6.3	6.7	5.7	6.3	6.0	6.0	6.0
PST-R511	TF	4.7	6.0	7.3	6.3	6.7	5.3	6.7	6.0	6.0	5.7
CATALYST	TF	3.7	5.7	7.0	6.3	7.0	6.0	6.3	6.0	5.7	6.0
RS4	TF	4.7	5.7	7.0	6.3	6.3	5.0	6.0	6.0	5.3	5.7
NONET	TF	6.0	7.0	7.3	6.7	7.0	6.3	6.0	6.3	5.7	6.0
LTP-SYN-A3	TF	5.3	5.7	7.0	6.0	6.3	5.0	5.7	5.0	5.7	5.3
DLFPS 321/3679	TF	5.7	7.0	7.0	6.0	7.0	6.0	6.0	5.0	5.3	5.3
GO-AOMK	TF	6.3	6.7	6.3	5.7	6.7	5.3	5.3	5.0	5.7	5.3
DLFPS 321/3677	TF	5.7	6.0	6.3	5.7	6.3	5.3	5.7	5.3	5.7	5.3
TITANIUM 2LS	TF	4.3	5.3	6.3	5.7	6.0	4.3	5.7	5.3	4.7	4.3
SUPERSONIC	TF	5.7	6.3	7.3	5.3	5.7	4.0	5.0	4.7	5.0	4.3
BARROBUSTO	TF	6.0	7.0	6.3	6.7	6.3	5.0	5.7	5.0	5.0	4.0
SR 4650 (P.RYEGRASS STANDARD ENTRY)		5.3	5.7	6.0	5.0	5.7	5.0	5.0	4.7	5.0	4.7
LSD VALUE		2.1	3.1	1.6	2.2	0.9	1.3	1.1	1.4	1.1	1.2
C.V. (%)		18.4	17.5	9.1	13.8	7.8	13.4	10.3	12.6	10.0	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 9C.
(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/
2020 DATA

		TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/										
		QUALITY RATINGS DURING DRY DOWN										
NAME		7/27/20	8/5/20	8/14/20	8/19/20	8/27/20	9/3/20	9/11/20	9/18/20	9/24/20	10/1/20	MEAN
PST-5SDS	TF	6.3	6.7	6.3	7.0	6.7	7.7	8.0	6.3	6.7	6.7	6.7
THOR	TF	6.7	6.3	6.0	6.3	6.7	7.3	7.0	5.7	5.7	6.0	6.5
STETSON II	TF	6.0	6.0	6.7	6.3	6.0	7.0	6.7	6.7	6.0	6.7	6.4
THUNDERSTRUCK	TF	6.3	6.3	7.0	7.3	6.3	7.3	6.0	5.7	5.3	6.0	6.3
DLFPS 321/3678	TF	5.7	6.0	6.0	6.0	5.7	6.0	6.0	6.0	6.0	5.3	6.2
BAR FA 121095	TF	5.3	5.7	6.0	6.0	6.0	6.3	5.7	5.3	5.3	6.0	6.1
KINGDOM	TF	5.7	5.7	6.0	6.0	6.3	6.7	6.7	5.7	5.7	6.3	6.1
MRSL TF15	TF	5.7	6.3	6.3	6.3	6.0	6.0	6.7	6.3	6.0	6.0	6.1
PST-R511	TF	5.7	6.0	6.0	6.3	5.7	6.0	6.3	6.0	6.0	6.0	6.0
CATALYST	TF	5.7	5.7	5.7	6.0	5.3	6.3	5.7	6.0	5.7	6.0	5.9
RS4	TF	6.0	5.3	6.3	6.7	6.0	6.7	6.0	6.0	5.3	5.7	5.9
NONET	TF	6.0	5.3	5.0	5.7	4.7	5.3	4.7	4.7	4.7	4.7	5.8
LTP-SYN-A3	TF	5.7	5.7	6.0	6.0	6.0	6.3	6.0	5.3	5.0	5.7	5.7
DLFPS 321/3679	TF	5.3	5.0	5.3	5.3	5.0	5.0	4.7	4.7	4.3	4.7	5.5
GO-AOMK	TF	5.3	4.7	5.3	4.7	4.3	5.0	4.7	4.3	4.7	4.3	5.3
DLFPS 321/3677	TF	5.3	4.7	5.3	5.3	4.7	4.7	4.0	4.0	4.0	3.7	5.2
TITANIUM 2LS	TF	4.3	4.3	5.7	4.7	4.0	5.3	5.0	4.7	3.7	4.3	4.9
SUPERSONIC	TF	4.3	3.7	5.3	4.0	4.0	4.7	4.3	4.3	3.3	3.7	4.8
BARROBUSTO	TF	3.3	3.7	4.7	3.7	3.7	4.0	3.3	3.7	3.3	4.0	4.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		4.3	4.0	4.7	4.0	3.7	4.0	3.7	3.7	3.3	3.7	4.6
LSD VALUE		1.2	0.9	1.0	1.0	1.7	1.2	1.6	1.1	1.5	1.7	0.7
C.V. (%)		12.8	11.1	9.7	11.3	17.8	12.9	16.9	13.1	17.5	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 9C.
(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/
2020 DATA

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

NAME		PERCENT GREEN COVER RATINGS											
		4/17/20	5/18/20	6/1/20	6/8/20	6/15/20	6/22/20	6/29/20	7/6/20	7/13/20	7/20/20	7/27/20	8/3/20
PST-5SDS	TF	60.7	96.0	94.0	95.3	94.3	88.0	85.0	89.0	87.0	83.3	80.0	81.7
THOR	TF	74.3	76.3	96.7	96.7	96.7	94.3	93.0	94.3	92.7	90.7	84.0	85.0
STETSON II	TF	68.3	96.7	95.7	95.0	95.3	90.0	88.0	91.3	89.3	87.7	85.0	84.0
THUNDERSTRUCK	TF	73.3	95.7	94.7	94.0	93.3	92.0	90.3	93.3	92.3	90.7	86.3	88.0
DLFPS 321/3678	TF	81.3	93.0	96.3	95.7	95.7	90.3	86.7	88.3	86.3	84.0	85.3	79.0
BAR FA 121095	TF	77.3	91.7	94.3	94.7	94.3	89.3	84.7	87.7	86.0	83.3	83.3	78.7
KINGDOM	TF	70.7	95.7	94.0	95.0	95.3	89.3	85.7	88.7	87.0	85.3	81.0	80.7
MRSL TF15	TF	62.7	95.7	92.7	93.3	94.0	87.7	84.7	88.0	86.7	85.0	79.0	80.0
PST-R511	TF	62.3	96.0	94.7	95.0	95.3	91.0	88.0	90.0	89.0	88.0	82.7	84.7
CATALYST	TF	51.3	93.7	92.0	92.3	92.3	86.7	82.7	86.0	84.0	81.3	77.0	76.7
RS4	TF	67.3	93.3	95.7	95.3	95.0	93.0	91.7	93.3	92.3	89.7	88.3	86.0
NONET	TF	79.0	96.7	96.7	96.3	96.0	91.0	87.3	89.7	86.7	83.7	81.7	74.7
LTP-SYN-A3	TF	66.7	94.7	93.7	94.0	94.0	87.3	82.7	85.7	84.0	83.0	78.0	77.3
DLFPS 321/3679	TF	71.7	94.0	94.0	94.0	95.0	90.3	84.3	88.3	87.0	83.0	80.7	77.7
GO-AOMK	TF	83.7	95.0	92.3	92.3	94.7	89.7	84.3	87.3	86.3	83.0	83.0	73.7
DLFPS 321/3677	TF	72.3	96.0	93.0	90.7	91.7	85.3	81.0	85.7	83.0	79.0	82.7	68.0
TITANIUM 2LS	TF	65.7	96.0	94.0	93.0	93.3	88.3	82.7	86.3	84.0	79.0	78.3	78.7
SUPERSONIC	TF	79.0	96.3	96.0	94.0	93.0	89.3	85.7	88.0	85.0	78.7	79.0	73.3
BARROBUSTO	TF	94.7	96.7	95.3	89.3	91.7	91.0	84.7	84.7	80.3	73.0	71.7	56.3
SR 4650 (P.RYEGRASS STANDARD ENTRY)		82.3	97.7	93.0	89.3	90.3	89.7	85.7	86.0	82.7	75.3	78.3	67.3
LSD VALUE		18.9	7.0	6.5	12.4	8.0	5.7	4.9	4.6	6.6	6.8	18.5	9.7
C.V. (%)		13.9	4.2	2.4	4.2	2.9	2.9	3.2	2.9	4.0	4.8	7.9	7.5

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

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

TABLE 9C.
(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/
2020 DATA

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

NAME		PERCENT GREEN COVER RATINGS											
		8/11/20	8/17/20	8/24/20	8/31/20	9/8/20	9/14/20	9/21/20	9/28/20	10/5/20	10/12/20	10/19/20	10/29/20
PST-5SDS	TF	84.7	84.7	87.3	90.0	88.7	83.3	89.3	90.7	90.3	84.0	80.7	68.7
THOR	TF	88.7	87.3	88.7	91.0	87.3	84.0	89.3	91.3	91.7	90.7	88.3	79.3
STETSON II	TF	86.7	88.0	89.7	92.7	90.7	87.7	92.7	93.7	93.7	87.3	85.0	75.3
THUNDERSTRUCK	TF	89.7	89.7	90.3	92.0	89.3	84.7	91.0	93.0	92.0	88.3	81.7	69.7
DLFPS 321/3678	TF	82.3	82.7	86.3	90.3	88.0	84.0	89.7	90.0	90.0	87.3	84.0	74.0
BAR FA 121095	TF	81.3	82.0	85.0	88.0	85.3	81.7	88.7	88.7	88.0	84.0	78.7	63.0
KINGDOM	TF	83.7	85.3	88.3	92.0	89.7	86.7	91.7	92.0	92.7	86.3	82.7	70.7
MRSL TF15	TF	83.0	83.3	87.0	89.3	89.7	86.7	91.7	91.7	90.7	84.3	79.0	65.0
PST-R511	TF	86.0	87.0	89.3	91.7	91.0	87.3	91.7	92.3	92.7	86.7	83.7	71.0
CATALYST	TF	79.3	79.7	82.3	84.3	83.0	80.0	85.3	86.0	86.7	82.3	77.0	62.7
RS4	TF	90.3	91.0	91.3	93.3	92.3	86.0	90.3	92.3	91.7	90.0	88.0	81.0
NONET	TF	77.0	77.7	76.7	77.7	74.3	64.0	75.7	78.0	79.3	77.3	74.7	62.7
LTP-SYN-A3	TF	81.7	82.0	85.0	89.3	87.7	84.7	90.0	90.0	89.7	87.7	83.0	69.7
DLFPS 321/3679	TF	79.0	80.3	82.3	83.3	80.7	74.3	81.7	81.3	81.3	77.7	76.3	60.7
GO-AOMK	TF	79.0	78.0	80.7	83.3	79.7	74.0	83.0	84.7	82.7	83.7	81.3	69.7
DLFPS 321/3677	TF	71.3	71.3	70.3	72.7	62.3	57.3	69.3	69.3	69.3	66.7	66.0	53.7
TITANIUM 2LS	TF	83.0	81.3	82.7	85.3	81.7	76.3	83.3	84.7	84.7	80.3	78.7	66.3
SUPERSONIC	TF	77.3	76.0	76.0	77.0	73.3	66.3	76.3	79.3	81.7	81.0	79.0	64.3
BARROBUSTO	TF	64.0	61.0	64.0	73.0	68.0	67.7	75.3	79.7	79.3	80.3	84.0	80.7
SR 4650 (P.RYEGRASS STANDARD ENTRY)		72.0	67.3	59.7	62.3	56.0	49.0	63.7	68.3	72.7	75.3	77.3	70.0
LSD VALUE		7.4	9.0	10.1	10.4	12.6	14.1	12.6	10.5	10.3	10.4	10.4	12.3
C.V. (%)		5.7	6.8	7.6	7.4	9.3	11.0	8.6	7.2	6.9	6.8	6.7	9.8

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

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