PRELIMINARY DATA - NOT FOR PUBLICATION

TABLE 1. MEAN TURFGRASS QUALITY RATINGS OF COOL-SEASON CULTIVARS, BLENDS AND MIXTURES GROWN UNDER LOW INPUT AT FOURTEEN LOCATIONS IN THE U.S.
2016 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	CT1	CT2	IN1	IN2	MI1	MN1	MO1	MO2	NC1	NE1	OR1	PA1	UT1	VA1
A-SFT	4.5	5.9	5.3	5.4	3.8	4.5	5.8	5.2	3.7	4.3	3.6	4.5	8.3	6.9
BEWITCHED	4.5	4.2	5.5	4.6	3.5	2.1	4.1	4.4	2.6	4.3	4.3	3.6	6.0	4.7
BGR-TF3	5.5	5.8	5.3	5.1	4.0	4.1	5.6	5.0	4.1	4.3	2.6	4.7	7.3	6.9
BULLSEYE	6.1	6.8	5.1	5.7	3.8	4.7	6.0	5.1	4.3	4.4	3.0	4.9	7.3	7.5
CHANTILLY	5.0	5.7	5.5	5.2	4.3	6.0	5.7	5.6	4.0	4.1	4.8	3.4	6.7	6.1
CRS MIX #1	6.6	6.6	4.9	4.6	4.8	4.7	6.2	5.5	3.4	4.4	3.9	4.2	6.0	6.6
CRS MIX #2	6.2	6.7	4.7	4.2	3.8	4.1	5.8	5.5	3.6	4.5	3.9	4.0	7.7	6.6
CRS MIX #3	5.8	6.1	5.8	5.3	3.6	2.7	7.1	7.3	5.5	4.2	4.2	3.7	6.0	7.1
CS MIX	5.3	6.4	5.4	5.7	3.6	5.1	6.7	6.0	3.3	4.3	4.2	3.9	8.3	7.3
DLFPS CHCRM	5.7	5.6	5.6	5.3	4.3	3.7	7.3	7.5	5.2	4.5	3.8	4.7	8.0	7.2
DLFPS CHCRSH	5.5	5.9	5.7	5.1	4.3	5.3	6.4	5.8	3.9	4.2	3.9	4.4	7.3	7.0
DLFPS SHHM	5.7	5.5	5.1	5.6	4.1	3.2	6.4	6.5	5.5	4.3	3.2	3.6	7.0	7.2
DLFPS TF-A	6.1	7.0	5.7	5.5	4.4	4.5	5.9	5.4	4.6	4.2	4.5	5.6	7.3	7.3
DLFPS TFAM	6.5	7.0	5.7	5.8	4.4	3.1	7.0	7.0	6.1	4.5	3.1	5.2	7.7	7.6
DLFPS TFASTC	6.0	7.0	6.3	5.9	4.8	4.3	6.6	6.0	5.1	4.3	4.4	5.3	7.7	7.0
DTT TALL FESCUE MIX	5.9	6.0	6.1	5.5	3.5	4.6	5.7	4.9	3.7	4.4	4.0	4.1	7.7	7.3
DTTHO TF/KBG MIX	5.3	6.4	5.9	5.3	4.1	4.4	5.5	5.3	4.4	4.0	4.1	4.1	7.7	6.8
DUTCH WHITE CLOVER	5.7	5.4	5.6	5.3	4.1	2.2	6.3	6.6	4.1	4.2	3.3	3.1	4.3	6.6
KENBLUE	2.9	3.5	5.3	5.1	4.3	2.8	3.8	4.2	2.7	4.6	3.2	3.1	3.7	5.6
KINGDOM	6.0	6.3	5.9	6.4	3.5	3.5	5.6	4.9	4.1	4.2	3.6	4.1	8.7	7.0
KY-31 E+	5.0	5.5	5.7	5.1	3.9	3.7	4.7	4.1	5.1	4.5	3.1	5.3	6.7	4.9
MNHD-15	6.1	6.7	5.2	4.3	4.0	4.1	5.3	6.1	3.3	4.6	3.9	3.6	7.0	7.5
NATURAL KNIT ® PRG MIX	5.0	5.9	5.1	4.9	3.5	3.7	5.5	5.4	4.1	4.2	3.3	4.6	9.0	5.6
NORTHERN MIXTURE	4.6	4.5	5.5	5.0	4.3	4.4	5.8	5.3	3.9	4.6	3.2	5.1	8.0	6.7
QUATRO	5.9	5.7	5.7	5.1	4.3	3.8	5.6	5.7	3.4	4.5	2.5	3.7	6.7	6.1
RADAR	5.4	6.2	5.9	5.7	4.2	4.8	6.5	6.2	3.7	4.0	3.8	5.0	8.3	7.8
RESOLUTE (7H7)	6.7	6.4	4.8	5.0	5.0	4.2	5.8	5.8	3.6	4.6	3.8	3.7	6.0	6.6
SOUTHERN MIXTURE	6.3	6.2	5.7	5.3	4.8	4.4	5.8	5.8	4.8	4.2	3.0	5.6	8.3	6.8
SPARTAN II	6.1	6.5	5.6	5.1	5.1	4.6	5.0	5.2	3.6	4.4	3.4	4.1	5.7	6.7
VITALITY DOUBLE	5.6	6.0	6.6	5.7	4.3	4.6	6.2	5.7	4.7	4.0	3.6	4.7	7.3	7.8
VITALITY LOW	6.3	6.6	5.8	5.6	5.1	5.4	6.4	6.3	4.4	4.5	4.2	3.7	8.3	7.2
YAAK	6.5	6.5	5.6	5.9	4.1	4.5	6.3	6.0	5.3	4.2	3.0	3.7	4.0	6.0
LSD VALUE	0.6	0.6	0.7	0.7	0.9	0.7	0.8	0.6	1.0	0.7	1.5	1.1	1.3	1.3
C.V. (%)	6.7	6.2	8.3	8.1	13.4	10.4	8.9	6.1	15.3	9.6	26.0	15.8	11.0	11.5

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

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

TABLE 2. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON A FAIRWAY OR TEE AT THIRTEEN LOCATIONS IN THE U.S. 1/
2016 DATA

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

NAME	IA1	IL1	IN1	KS1	KY1	MA1	MI1	MO1	ND1	NJ1	UT1	VA2	WA1
007	6.7	7.5	5.4	5.9	5.8	5.6	5.4	5.5	6.0	7.3	7.0	5.6	6.5
ARMOR	6.4	7.7	6.7	6.8	6.3	5.6	4.3	4.0	5.3	3.9	7.0	5.0	7.0
BARRACUDA	6.7	7.7	5.3	6.9	5.8	5.4	5.5	5.8	6.3	6.9	6.6	5.3	6.2
CHINOOK (H10G-OP)	6.7	7.6	6.3	7.1	5.8	5.9	6.0	5.9	6.1	7.2	6.1	5.9	6.2
CRYSTAL BLUE LINKS	6.0	7.9	6.0	6.1	6.3	4.9	5.3	4.8	6.3	5.3	6.6	6.0	6.5
DLFPS-AT/3026	5.4	7.3	5.8	5.7	6.6	6.3	6.2	5.4	5.5	5.9	5.2	6.5	4.7
GREENTIME	5.7	7.1	5.1	5.2	6.6	5.2	5.3	3.8	5.3	4.3	4.9	6.0	4.8
KINGDOM	6.6	7.8	6.0	6.0	6.4	6.0	4.9	4.5	6.1	4.4	7.7	5.0	7.3
L-93XD	6.6	7.3	5.8	6.3	5.7	6.0	5.4	5.9	5.9	7.6	6.5	5.6	6.1
MUSKET (PPG-AT 104)	5.6	6.8	5.9	6.1	6.5	5.7	5.6	5.3	5.5	5.2	6.0	6.1	4.8
NIGHTLIFE	6.4	7.7	7.1	5.9	6.2	6.0	4.6	4.5	5.5	5.4	7.5	5.9	7.0
PENNCROSS	5.1	7.0	5.7	6.1	6.3	4.1	5.0	3.2	5.9	2.7	4.2	5.7	5.1
PIRANHA (DC-1)	6.9	7.7	5.8	6.7	5.8	6.5	5.0	5.8	6.1	8.2	6.2	6.0	6.8
PST-0CV6	6.4	7.6	6.7	5.9	6.5	5.6	4.8	4.3	5.7	5.3	6.4	5.5	6.5
PST-ORBS	6.4	7.2	5.6	6.2	6.4	5.4	4.9	4.8	6.0	5.6	6.3	5.7	6.6
SHARK	6.8	7.5	5.5	6.3	6.1	5.7	5.0	5.4	6.4	6.4	6.1	6.0	6.2
V-8	6.7	7.5	5.7	6.9	6.0	5.3	5.4	5.6	5.8	6.8	6.6	5.6	6.2
LSD VALUE	0.6	0.5	0.9	1.6	0.4	0.4	0.7	0.6	0.6	0.9	0.6	1.1	0.3
C.V. (%)	6.3	4.4	9.8	16.1	4.2	4.4	7.8	8.0	5.9	9.9	5.6	12.2	3.1

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

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

TABLE 3. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON A GREEN AT FIFTEEN LOCATIONS IN THE U.S. 1/
2016 DATA

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

NAME	IA1	IL4	IN1	KS1	KY1	MA1	MI1	MN1	MO1	NC1	NJ1	OK1	UT1	UT2	VA1
777 (DLFPS-AP/3054)	6.5	6.7	7.2	5.9	6.7	6.1	6.6	5.3	5.8	7.5	6.2	6.2	6.5	6.1	5.8
ARMOR	5.8	6.0	6.7	4.8	6.0	5.2	5.3	3.1	4.1	7.0	4.1	6.6	7.0	6.4	4.7
BARRACUDA	6.5	6.2	6.7	6.3	6.7	5.8	6.1	5.9	6.0	7.3	5.9	6.6	6.0	5.5	5.3
DECLARATION	6.2	5.3	6.4	5.9	6.5	5.3	5.4	5.9	5.6	7.1	4.8	6.1	5.8	5.5	5.8
DLFPS-AP/3018	6.2	6.2	7.1	6.6	6.9	6.4	6.5	5.5	5.3	7.8	6.1	5.9	6.7	6.3	6.4
DLFPS-AP/3056	5.9	6.6	6.9	6.2	6.5	6.0	6.7	6.0	5.3	7.0	5.7	6.3	6.8	5.9	6.0
DLFPS-AP/3058	6.5	6.3	7.1	6.2	6.6	6.0	6.3	6.1	6.0	7.3	6.0	6.0	6.5	6.3	5.7
DLFPS-AP/3059	6.3	6.5	6.4	6.0	6.3	5.4	5.7	5.0	5.3	7.1	4.5	5.9	5.4	5.0	5.5
GDE	6.6	6.9	6.8	6.2	7.0	6.1	6.5	6.0	5.5	7.4	5.8	6.5	6.2	6.3	6.3
KINGDOM	5.2	5.2	7.0	6.2	6.3	6.1	5.5	4.9	5.1	6.8	4.5	6.7	7.5	7.3	5.5
L-93 XD	6.3	5.3	7.2	5.2	6.7	6.0	6.8	6.3	5.5	7.6	7.1	6.2	6.6	6.0	6.0
LUMINARY	6.1	6.3	6.6	5.0	6.8	5.7	6.3	5.4	5.6	7.2	6.1	6.2	5.9	5.4	5.2
NIGHTLIFE	5.6	6.0	6.8	5.9	6.2	5.8	5.6	5.0	5.6	7.1	4.4	6.8	7.3	6.2	5.4
PENN A-1	6.1	6.2	6.5	6.2	6.2	5.0	5.4	4.8	5.2	7.3	4.3	6.2	5.6	4.9	5.9
PENNCROSS	4.9	5.6	4.8	5.2	5.0	3.7	4.1	2.1	2.7	5.1	1.2	5.4	3.0	3.0	4.6
PIRANHA (DC-1)	6.9	6.7	7.1	5.3	7.1	6.1	6.5	6.0	6.0	7.6	6.4	6.4	6.5	6.6	6.2
PST-ROPS	6.9	6.4	7.8	5.3	6.6	6.6	7.0	4.9	5.1	7.5	5.9	6.5	7.0	6.9	5.8
PURE SELECT	6.9	6.1	7.2	6.3	6.3	5.8	6.5	4.7	5.3	7.2	5.8	6.3	6.6	6.4	5.4
SHARK	6.4	6.0	6.9	5.9	6.2	5.5	6.2	4.6	5.1	7.3	5.8	6.5	5.9	5.8	5.7
V-8	6.4	6.0	7.2	5.9	6.4	5.5	6.3	5.2	5.3	7.4	5.8	6.7	6.2	6.3	6.3
LSD VALUE	0.8	1.2	0.5	0.9	0.4	0.6	0.5	0.6	0.7	0.3	0.8	0.5	0.7	0.7	0.9
C.V. (%)	8.1	12.4	4.3	10.0	3.6	6.2	5.3	7.4	7.8	2.9	8.9	5.0	6.8	7.0	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.

PRELIMINARY DATA - NOT FOR PUBLICATION

TABLE 4. MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
GROWN AT TWENTY-ONE LOCATIONS IN THE U.S.
2016 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	CT1	CT2	IL1	IL2	IN1	MA1	MD1	MI1	MI2	MI3	MN1	MN2	MN3	MO1	NC1	ND1	NJ1	NJ2	OR1	OR2	WA1
7C34	6.1	6.0	5.6	5.8	5.4	5.1	3.1	5.0	4.7	4.7	5.0	4.3	4.4	5.5	4.3	6.1	6.8	3.9	6.3	5.9	4.1
BAR 6FR 126	6.7	5.0	2.0	3.6	4.9	5.1	2.8	5.0	5.0	5.0	6.6	5.7	5.4	4.6	2.8	5.9	3.5	3.2	6.4	6.0	4.9
BAR FRT 5002	6.3	5.2	1.9	5.6	5.2	5.6	2.3	4.7	4.8	4.3	6.6	4.4	5.7	4.4	1.2	5.9	3.1	2.9	6.2	6.0	4.0
BAR VV-VP3-CT	6.8	6.7	2.2	6.4	5.5	5.7	3.3	5.1	5.9	5.6	6.6	5.4	5.6	4.5	3.2	5.9	3.3	3.5	6.0	5.9	4.5
BEACON	4.8	3.1	4.9	4.6	4.7	5.7	5.5	6.0	5.5	5.4	6.4	6.7	4.9	3.8	1.4	5.9	6.3	5.5	6.3	5.8	5.0
BEUDIN	5.5	5.0	2.4	5.8	4.8	5.7	2.8	4.9	4.3	4.2	5.8	4.5	5.3	4.4	1.8	5.8	3.5	2.7	6.4	6.1	4.3
BOREAL	4.9	4.6	2.4	4.6	4.3	4.2	2.5	4.3	3.0	3.0	3.9	3.5	3.7	4.3	2.4	6.1	4.3	2.5	5.7	5.6	3.8
C14-OS3	7.4	7.1	5.3	6.3	6.5	5.9	4.7	5.7	6.2	6.2	7.5	6.2	5.6	5.1	5.7	5.8	6.5	4.4	6.2	5.9	4.1
CARDINAL II (PPG-FRR 111)	5.5	5.1	5.4	5.0	5.9	5.0	3.8	5.1	5.4	5.1	4.3	4.6	3.8	5.2	4.8	5.7	7.3	3.8	6.3	6.0	4.0
CASCADE	5.7	5.2	3.9	5.2	5.3	5.0	2.5	4.9	4.5	4.6	5.0	4.3	4.6	5.0	4.9	5.5	6.0	2.9	5.8	5.6	4.0
CASTLE (RAD-FC32)	6.8	6.5	5.1	6.5	5.2	5.9	3.1	4.9	5.5	5.5	6.6	4.8	5.5	5.8	2.5	5.5	4.4	4.0	6.3	6.1	3.7
COMPASS II (PPG-FRC 113)	7.2	6.9	5.2	7.0	5.7	6.0	4.9	5.1	6.5	6.3	6.9	6.2	5.5	6.1	5.3	5.4	6.1	4.2	6.3	5.9	4.0
DLF-FRC 3338	7.3	6.6	5.0	6.9	6.0	5.9	4.8	5.7	5.9	5.7	6.6	6.1	5.3	5.6	4.4	5.2	6.2	4.2	6.3	6.2	3.9
DLF-FRR 6162	5.8	5.6	5.5	6.7	5.0	4.8	3.3	5.2	5.0	5.0	4.4	4.1	4.0	4.9	4.6	6.1	7.0	3.8	6.0	6.1	4.2
DLFPS-FL/3060	5.0	3.7	3.9	6.4	4.9	5.1	6.0	6.0	6.2	6.0	6.8	7.0	5.6	3.7	1.8	5.6	6.5	5.8	6.3	5.8	4.9
DLFPS-FL/3066	5.3	3.5	4.2	4.0	5.3	5.4	5.8	5.9	5.5	5.5	6.6	6.6	4.8	4.3	1.3	6.1	6.9	5.8	6.2	5.9	5.0
DLFPS-FRC/3057	7.3	6.7	5.3	7.1	5.6	5.9	4.8	5.2	5.5	5.4	7.4	6.2	5.7	6.0	3.5	5.2	7.0	4.4	6.1	5.9	3.5
DLFPS-FRC/3060	6.7	6.5	2.9	6.4	5.4	5.1	3.5	4.9	5.4	5.4	6.9	5.6	5.7	5.5	3.4	6.3	6.1	3.5	6.2	6.1	4.0
DLFPS-FRR/3068	5.5	5.3	4.8	5.2	5.7	5.4	3.4	5.1	4.1	4.1	3.9	3.7	3.6	4.8	3.8	5.6	5.5	4.1	6.2	5.7	4.0
DLFPS-FRR/3069	5.2	5.1	3.1	4.7	5.3	4.8	2.6	4.7	3.9	3.9	4.1	4.1	3.8	4.8	4.8	5.4	5.0	3.5	5.9	6.1	3.7
GLADIATOR (TH456)	4.9	3.0	5.5	5.3	5.1	5.0	5.8	6.5	5.9	5.7	6.7	7.0	5.0	3.8	1.5	6.7	7.0	5.6	6.4	5.8	5.2
JETTY (PPG-FL 106)	4.2	3.5	4.5	6.0	5.3	5.9	6.0	5.9	6.0	5.9	6.3	6.8	5.0	4.0	1.0	6.0	7.6	5.4	6.1	5.9	4.5
KENT	5.0	4.8	4.3	5.5	4.8	4.6	2.7	4.1	4.2	4.1	4.1	4.0	3.5	4.8	3.6	6.1	4.5	2.9	5.8	5.5	3.7
MARVEL	5.5	5.6	5.3	5.2	5.1	4.9	2.8	4.4	4.1	4.0	4.4	4.0	3.9	5.0	3.6	5.9	4.3	3.7	5.9	6.0	4.1
MINIMUS	3.6	2.7	4.9	5.9	4.9	5.4	5.5	5.9	6.2	5.9	6.0	6.5	4.9	3.9	2.8	5.8	7.0	5.4	6.1	5.8	5.4
MNHD-14	5.0	3.7	4.1	4.7	5.5	5.4	5.9	5.9	5.8	5.3	6.1	6.2	4.9	4.3	1.0	6.2	7.2	5.7	5.9	5.6	4.6
NAVIGATOR II	5.3	4.9	4.7	5.3	5.8	5.0	2.5	4.2	4.4	4.4	4.3	4.2	4.0	4.9	4.3	5.9	5.5	3.1	5.9	5.8	3.9
PPG-FRC 114	7.0	6.8	3.3	6.2	5.6	5.6	4.8	5.3	6.2	6.0	6.7	6.1	5.6	5.9	5.2	5.4	6.5	4.0	6.2	5.8	3.8
PST-4BEN	5.5	5.1	5.4	5.6	5.2	5.1	3.6	5.8	5.2	4.8	4.4	4.1	3.9	5.3	4.2	5.7	7.0	3.7	6.2	5.9	4.0
PST-4BND	3.7	2.9	4.6	5.9	4.2	5.1	5.0	5.8	5.0	5.0	5.1	6.0	4.5	4.0	1.0	6.0	6.3	5.3	5.9	5.7	4.8
PST-4DR4	5.3	4.9	4.4	5.4	5.1	4.8	3.0	4.9	4.5	4.3	4.0	4.0	3.8	4.7	4.0	5.6	6.2	3.7	6.3	6.0	4.0
PST-4ED4	5.1	4.6	4.7	5.5	5.1	5.0	3.5	4.9	5.0	5.0	3.6	3.9	3.3	4.6	3.2	5.3	7.0	3.6	6.0	5.9	3.4
PST-4RUE	4.8	4.5	5.0	5.8	4.2	4.6	3.2	4.9	4.5	4.4	3.8	4.1	3.3	5.5	3.8	6.1	6.4	3.5	6.2	5.9	3.5
QUATRO	4.8	4.4	1.8	5.0	4.9	4.9	3.6	5.6	5.6	5.7	5.6	5.5	4.4	3.9	2.2	6.3	6.9	3.8	5.7	5.7	5.0
RAD-FC44	6.7	5.9	3.7	6.6	5.2	6.3	3.1	5.1	5.8	5.3	6.5	5.4	4.9	5.9	3.7	5.5	4.1	3.6	6.2	6.0	3.8
RAD-FR33R	5.3	5.3	4.9	5.8	5.1	4.7	2.7	4.3	4.3	4.1	4.2	3.9	3.7	4.8	3.0	5.9	4.5	3.2	6.1	5.9	3.8
RAD-FR47	5.6	5.3	5.0	4.7	4.6	4.9	2.5	4.1	4.0	4.0	4.1	3.7	3.8	5.0	3.2	5.9	5.0	3.9	6.2	5.9	3.6
RADAR	7.5	6.7	5.0	6.1	5.8	5.7	4.5	5.8	5.5	5.1	6.9	5.6	5.8	5.8	5.5	5.6	6.1	4.2	6.2	5.9	3.9
RESOLUTE (7H7)	5.0	3.5	4.8	4.1	4.9	6.0	6.1	6.0	6.0	5.7	7.9	7.2	6.1	3.7	1.2	6.6	7.0	5.9	6.5	5.9	4.7
SEABREEZE GT	5.1	4.5	3.0	5.8	4.9	4.7	2.7	5.0	4.9	4.7	5.1	4.4	4.7	4.8	1.8	5.5	4.2	3.6	6.3	6.3	4.4
SEAMIST (PPG-FRT 101)	6.5	6.2	1.8	6.0	5.8	5.7	3.8	5.4	6.0	5.9	6.3	5.2	5.9	5.1	4.3	5.2	4.7	4.0	5.9	5.9	4.1
SWORD	4.5	3.4	4.2	5.5	4.9	4.3	5.6	5.7	5.4	5.1	6.2	6.1	4.9	4.0	1.2	5.6	7.1	5.4	6.2	6.0	5.0
LSD VALUE	1.0	1.0	1.1	1.7	1.0	0.6	0.6	0.6	0.9	0.9	0.8	0.7	0.6	0.8	1.6	0.3	1.1	0.7	0.4	0.4	0.7
C.V. (%)	10.7	12.2	16.8	18.3	11.6	6.9	9.7	7.5	11.1	11.7	9.2	7.9	8.6	10.6	31.7	3.1	11.9	10.5	4.4	4.3	9.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 5. TURFGRASS QUALITY RATINGS OF BERMUDAGRASS CULTIVARS GROWN AT THIRTEEN LOCATIONS IN THE U.S. 1/
2016 DATA

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

NAME	AL1	AR1	GA1	IN1	KS2	KY1	MO1	MS1	NC1	OK1	TN1	TX2	VA1
11-T-251	5.6	6.3	5.9	6.2	3.9	7.0	1.5	7.1	4.3	5.4	7.5	6.4	6.1
11-T-510	5.9	8.0	6.0	5.7	5.6	7.1	6.8	7.0	6.1	5.9	7.6	7.2	7.6
12-TSB-1	4.9	6.3	5.8	6.0	3.9	6.3	1.6	6.2	4.7	5.2	7.5	6.1	5.3
ASTRO	4.2	6.7	6.0	6.2	5.3	6.7	6.1	6.8	5.6	6.0	7.8	6.2	6.6
BAR C291	3.2	6.0	5.6	6.3	4.7	6.8	4.8	5.8	4.0	5.5	7.3	4.9	5.8
CELEBRATION	4.5	6.3	6.0	.	4.5	7.0	1.3	6.4	5.4	5.5	7.5	6.2	6.1
FAES 1325	5.1	6.6	5.9	5.8	5.1	6.1	1.6	6.5	5.5	5.4	8.0	6.6	6.1
FAES 1326	5.4	7.6	6.0	6.0	5.3	6.4	1.5	6.4	4.2	5.3	7.7	7.2	7.1
FAES 1327	6.0	6.8	6.6	.	5.1	6.5	1.9	6.7	5.8	5.5	7.5	7.3	6.1
JSC 2-21-1-V	4.6	7.7	6.3	7.5	5.9	7.3	6.8	7.0	5.0	6.0	7.4	6.8	7.6
JSC 2-21-18-V	5.3	7.5	6.9	7.1	5.7	7.3	7.6	7.0	6.0	5.5	7.5	7.5	7.3
JSC 2007-13-S	3.6	6.9	6.1	6.0	5.2	7.0	5.5	6.2	4.4	5.7	7.8	6.0	7.1
JSC 2007-8-S	3.7	6.1	5.5	6.2	5.3	6.9	5.6	6.0	3.4	5.8	7.8	5.0	6.7
JSC 2009-2-S	4.0	6.6	5.8	6.0	5.2	6.9	5.3	6.2	4.3	5.8	7.9	5.2	6.6
JSC 2009-6-S	3.5	6.2	5.6	6.1	5.3	7.1	5.5	6.4	4.5	5.9	7.8	5.2	6.8
KASHMIR (PST-R6PO)	1.9	5.2	5.8	6.7	4.4	6.8	3.6	5.8	4.3	5.3	7.4	5.1	4.7
LATITUDE 36	6.0	7.7	6.3	7.9	5.9	7.1	5.0	7.0	5.7	5.8	7.4	6.8	7.8
MBG 002	3.9	6.0	5.7	5.9	5.2	7.3	5.2	6.1	4.3	5.7	8.0	5.7	6.9
MSB 281	3.1	4.3	6.0	5.7	2.9	6.1	2.9	6.5	4.3	5.0	7.6	5.4	6.1
NORTH SHORE SLT	2.4	6.1	5.4	5.1	4.5	6.5	1.3	5.6	3.0	5.1	7.5	4.8	4.6
NUMEX-SAHARA	1.9	5.3	5.4	6.1	3.7	6.7	2.0	5.6	2.9	4.5	7.5	4.7	3.0
OKC 1131	4.7	8.0	6.4	8.1	5.7	7.1	7.3	7.0	5.7	5.9	7.9	7.0	7.6
OKC 1163	4.4	8.8	6.1	7.3	5.2	6.1	7.3	6.8	4.4	5.6	7.4	7.7	7.1
OKC 1302	5.2	7.6	6.4	7.1	5.9	7.1	2.8	6.8	5.8	5.6	7.7	6.9	7.3
OKS 2009-3	2.7	6.2	5.9	5.2	4.3	6.6	4.0	5.9	3.7	5.1	7.2	4.6	5.6
OKS 2011-1	4.2	6.5	5.8	6.2	5.0	6.8	5.1	6.2	3.6	5.5	7.8	4.7	6.4
OKS 2011-4	3.2	6.1	5.7	5.8	4.7	6.9	4.5	5.9	4.2	5.5	7.5	5.0	5.7
PATRIOT	5.3	7.2	5.8	7.6	5.5	7.0	5.8	6.4	5.6	4.8	7.8	5.7	7.3
PRINCESS 77	4.4	6.7	5.6	6.8	4.2	6.5	2.3	6.0	5.0	5.3	7.4	5.9	5.0
PST-R6CT	2.4	5.6	5.9	6.3	4.7	6.7	2.5	6.1	3.1	5.1	7.5	5.2	4.4
PST-R6T9S	2.5	4.8	5.4	.	4.6	6.1	1.8	5.8	3.7	5.1	7.0	5.0	4.8
RIVIERA	4.1	6.6	5.8	7.3	5.3	6.7	5.8	6.1	4.1	5.6	7.9	5.4	7.2
TIFTUF (DT-1)	6.4	7.3	6.6	6.8	5.7	7.5	7.6	7.1	6.7	5.8	7.7	8.0	7.6
TIFWAY	6.1	7.8	6.2	.	5.4	7.1	1.1	7.1	6.0	5.5	7.2	6.9	6.8
YUKON	2.4	5.0	5.8	7.1	4.6	6.4	5.3	5.5	4.7	5.3	7.8	6.0	5.7
LSD VALUE	1.1	0.8	0.5	1.1	0.5	0.6	1.4	0.3	1.0	0.3	0.5	0.5	0.9
C.V. (%)	15.7	7.8	5.0	8.3	5.7	5.9	20.3	3.1	13.3	3.5	4.1	4.8	9.2

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

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

TABLE 6. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS GROWN AT TEN LOCATIONS IN THE U.S. 1/
2016 DATA

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

NAME	AL1	AR1	FL4	GA1	KS1	MO1	NC1	TN1	TX1	TX2
09-TZ-53-20	4.2	4.8	3.9	5.9	1.8	1.0	4.7	6.7	7.2	6.0
09-TZ-54-9	6.3	7.4	5.3	5.7	7.4	1.0	5.7	7.1	7.9	5.8
10-TZ-1254	5.1	6.3	6.3	5.1	6.3	1.0	5.8	7.1	6.5	5.5
10-TZ-35	5.0	6.1	4.6	5.6	6.1	2.6	6.5	6.8	7.2	5.1
11-TZ-4321	6.4	6.3	5.7	5.8	6.4	4.8	6.4	7.0	6.7	5.0
A-1	3.6	8.3	5.8	5.4	7.5	1.0	5.3	6.9	6.9	6.6
CSZ 1105	4.3	6.3	4.9	5.7	3.3	1.0	4.9	6.5	6.8	6.6
CSZ 1109	4.7	4.8	5.9	4.6	1.0	1.0	3.6	6.3	6.7	6.0
DALZ 1301	6.3	7.7	6.0	6.4	8.1	6.8	5.1	7.4	7.1	5.6
DALZ 1302	5.8	6.2	6.1	5.7	5.7	1.8	6.5	7.0	7.1	5.1
DALZ 1303	3.3	7.1	6.3	5.3	3.6	1.2	5.2	6.7	7.4	7.2
EMPIRE	4.3	6.0	4.4	5.4	5.8	1.0	6.0	7.0	6.3	5.0
FAES 1303	4.1	6.9	6.0	5.3	1.1	1.0	3.7	6.3	7.3	7.2
FAES 1304	3.5	6.9	5.5	5.6	7.3	1.0	5.3	7.1	6.6	5.7
FAES 1305	7.2	8.4	5.8	6.4	8.5	6.3	6.0	7.1	7.0	7.0
FAES 1306	4.2	7.0	5.7	5.5	1.1	1.3	4.5	6.5	7.5	7.0
FAES 1307	5.4	7.1	5.2	5.4	7.3	1.0	5.6	6.7	7.2	6.2
FAES 1308	3.9	4.0	5.6	4.6	1.0	1.0	3.5	6.2	6.7	6.4
FAES 1309	4.4	1.5	6.0	5.7	1.0	1.3	3.6	6.7	6.7	7.2
FAES 1310	3.6	5.8	5.6	5.4	1.0	1.0	4.0	6.4	7.0	7.1
FAES 1312	6.7	6.7	5.7	5.5	7.1	3.7	6.3	6.9	6.9	5.7
FAES 1313	4.8	7.5	6.3	5.2	7.4	1.0	6.0	6.9	7.2	6.5
FAES 1314	5.2	5.3	4.2	5.6	7.3	1.0	5.7	7.0	6.7	5.9
FAES 1315	4.7	4.9	4.8	5.5	5.8	1.0	5.2	6.8	7.4	6.5
FAES 1316	4.2	6.7	4.2	5.6	5.1	1.0	5.5	6.9	7.0	5.6
FAES 1317	5.6	5.9	3.5	4.4	6.8	1.0	5.9	6.8	6.6	5.3
FAES 1318	3.6	6.6	5.0	5.4	7.8	1.0	5.8	6.9	6.8	5.9
FAES 1319	6.0	7.5	6.3	6.0	7.4	4.7	6.3	7.2	7.2	6.1
FAES 1322	3.6	6.7	6.1	4.9	1.4	1.0	5.6	6.7	7.3	6.0
FAES 1328	5.2	6.5	3.9	5.7	5.8	1.1	5.2	7.1	6.7	5.3
FAES 1329	4.6	7.6	5.7	6.7	4.9	1.0	4.2	6.7	7.2	6.7
GGZ 504	4.0	6.0	4.0	4.8	5.7	1.0	4.3	6.8	5.5	5.6
KSUZ 1201	3.5	7.4	3.5	5.4	7.7	6.4	6.3	6.7	6.4	5.9
MEYER	1.8	6.9	2.3	3.7	5.7	5.5	4.8	6.8	6.5	5.5
ZEON	3.9	7.9	5.0	5.6	8.4	1.1	5.8	7.0	7.0	6.9
LSD VALUE	1.4	1.7	0.8	0.7	1.2	1.4	0.8	0.3	0.7	0.6
C.V. (%)	19.3	16.7	9.3	8.6	14.6	44.6	9.2	2.5	6.7	6.3

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

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

PRELIMINARY DATA - NOT FOR PUBLICATION

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT SEVENTEEN LOCATIONS IN THE U.S.
2016 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	CT1	GA1	IA1	IL1	IL2	IN1	KS2	KY1	MO1	MS1	NC1	NE1	NJ1	NJ2	TN1	UT1	VA1
204 RES. BLK4	5.4	5.4	6.1	6.9	2.9	5.3	4.7	6.9	4.5	5.6	5.0	5.2	7.4	4.0	7.7	4.9	5.8
4TH MILLENNIUM SRP (U43)	6.5	5.8	7.0	6.9	5.4	7.0	6.0	7.5	5.5	5.9	6.1	5.3	7.4	5.5	7.7	5.6	7.4
AMITY (CCR2)	6.5	5.8	7.1	6.7	3.4	6.3	5.6	7.6	5.3	5.8	6.2	5.4	7.8	5.5	7.6	5.6	7.3
ANNIHILATOR	5.6	5.2	6.0	6.9	4.7	5.3	4.8	6.6	4.6	5.5	4.4	5.0	4.9	3.9	7.4	4.4	5.1
AQUADUCT	5.0	4.7	6.1	6.1	3.3	6.1	5.1	6.4	4.1	5.5	5.4	4.9	4.6	3.2	7.4	3.9	5.9
ARES (PPG-TF-142)	5.9	5.6	7.1	6.4	2.2	6.1	5.3	7.0	4.8	5.1	5.0	5.1	6.1	4.5	7.5	5.2	6.2
ATF 1612	5.7	5.4	7.0	7.0	4.3	6.4	5.7	7.2	4.8	5.9	5.6	5.4	6.7	5.2	7.5	5.1	6.2
ATF 1704	6.0	5.9	6.4	6.5	4.8	6.5	5.4	7.2	5.1	5.8	6.1	5.4	6.7	4.9	7.5	4.7	6.8
ATF 1754	5.8	6.0	6.6	7.1	4.4	6.4	5.4	7.3	4.8	5.9	5.8	5.5	5.4	4.9	7.4	5.1	7.2
AVENGER II (PPG-TF-156)	6.5	6.0	6.9	6.8	3.7	6.8	5.9	7.4	5.1	5.8	6.0	5.6	7.4	6.4	7.6	5.5	7.0
B23	6.2	5.3	6.8	6.1	4.7	6.4	5.1	7.1	5.1	5.3	5.4	5.6	7.4	5.6	7.4	5.5	5.8
BAR FA 120878	4.7	5.2	6.1	5.0	2.5	4.9	4.3	6.1	4.3	5.1	4.5	4.4	1.9	1.9	7.2	3.7	5.7
BAR FA 121089	5.3	5.2	6.4	6.8	4.5	5.6	5.2	6.8	4.4	5.6	5.4	4.8	5.2	4.3	7.5	4.8	6.0
BAR FA 121091	5.3	5.1	6.6	6.9	3.7	5.9	5.0	7.0	5.0	5.8	4.6	5.0	4.8	4.0	7.4	4.9	5.3
BAR FA 121095	5.3	5.9	6.7	6.4	4.4	5.9	5.0	6.9	4.6	6.0	4.9	5.3	5.8	4.8	7.5	5.0	5.8
BIZEM	6.3	5.9	7.1	7.1	5.7	6.7	5.5	7.3	5.3	5.9	6.3	5.6	7.5	5.3	7.9	5.4	6.8
BLACK TAIL (PPG-TF-150)	6.5	5.5	6.9	7.5	3.0	6.5	5.8	7.6	4.8	5.8	6.2	5.3	8.2	5.3	7.7	5.3	6.3
BLOODHOUND (MET 6 SEL)	6.3	5.7	6.9	7.0	3.2	6.5	5.7	7.4	5.0	5.5	6.1	5.9	7.3	5.4	7.6	5.2	6.7
BULLSEYE	6.5	5.5	7.1	6.7	4.8	6.2	4.9	7.3	5.3	5.6	5.4	5.7	6.4	4.9	7.6	5.7	5.8
CAESAR (TY 10)	5.5	5.6	7.0	7.0	3.9	5.8	5.3	7.1	4.9	5.7	5.7	5.2	5.9	4.1	7.4	5.3	6.2
CATALYST	6.3	4.9	7.0	6.1	4.5	6.7	5.1	6.9	4.9	5.2	5.6	5.4	6.4	5.0	7.4	5.5	6.7
COMP. RES. SST	5.2	5.6	6.7	6.9	2.8	5.4	4.7	6.8	4.4	5.4	4.6	5.1	5.6	3.6	7.4	5.0	5.6
CROSSFIRE 4 (IS-TF 310 SEL)	6.8	5.9	6.5	6.8	4.5	6.1	5.6	7.4	5.2	6.2	5.8	5.4	7.2	5.0	7.5	5.3	6.9
DIABLO (IS-TF 330)	6.3	5.4	7.0	7.0	4.4	6.5	5.5	7.4	5.0	5.5	5.6	5.5	6.8	5.0	7.7	5.5	5.9
DYNAMITE LS (PPG-TF-145)	6.0	5.7	7.1	6.7	2.7	6.2	5.5	7.1	5.0	5.1	4.8	5.0	6.2	4.4	7.6	5.2	6.6
EMBRACE (PST-5EV2)	6.0	6.0	7.0	6.9	4.1	6.6	5.6	7.3	4.7	5.6	6.1	5.2	7.3	4.7	7.6	4.8	6.9
F711	6.7	5.8	6.9	6.9	5.0	6.9	5.8	7.6	5.4	5.7	6.6	5.5	7.4	5.4	7.7	5.5	7.7
FAITH	6.3	6.0	7.0	6.9	4.6	6.0	5.4	7.3	5.3	6.0	5.7	5.6	5.9	5.3	7.6	5.6	6.4
FALCON IV	6.2	5.5	7.0	6.5	3.3	5.6	5.5	6.8	5.3	5.7	4.8	5.0	5.0	3.6	7.4	4.8	6.0
FALCON V	6.1	5.8	7.1	6.0	3.5	6.1	5.6	7.1	4.8	4.8	5.2	5.4	6.2	5.0	7.5	4.8	6.4
FAYETTE (IS-TF 291)	6.4	5.8	7.2	6.5	4.9	6.3	5.2	7.2	4.8	5.8	5.3	5.4	7.0	5.7	7.7	5.6	6.6
FESNOVA	6.1	5.8	7.0	7.1	3.4	6.3	5.7	7.1	4.8	5.8	5.8	5.0	6.3	4.7	7.6	5.1	6.5
FIREBIRD 2	6.0	5.7	6.7	7.3	4.4	6.7	5.3	7.4	5.0	6.1	6.0	5.3	7.0	5.1	7.6	5.1	6.8
FIRECRACKER SLS (PPG-TF-105)	6.7	5.5	7.3	7.0	6.0	6.4	5.7	7.0	5.0	5.7	5.8	5.5	7.0	5.9	7.8	5.2	6.4
FIREWALL (PSG-WE1)	6.1	5.7	6.6	7.7	4.1	6.6	5.7	7.4	5.3	5.9	5.7	5.6	6.3	5.6	7.5	5.6	6.6
FOXHOUND (IS-TF 284 M2)	6.2	5.4	7.2	7.6	5.2	6.4	5.5	7.1	4.6	6.0	5.2	5.2	6.8	5.1	7.6	5.4	6.6
FRONTLINE (EXP TF-09)	5.3	5.1	6.8	6.2	3.9	5.9	5.1	6.8	4.4	5.5	4.8	4.9	5.3	3.7	7.4	4.6	5.7
GRANDE 3	6.2	5.6	6.5	7.0	4.5	6.4	5.6	7.3	5.6	5.9	5.9	5.5	6.3	5.0	7.5	5.3	6.6
GTO (BURL TF-2)	6.4	6.0	7.0	7.2	5.1	6.4	5.5	7.3	5.5	5.8	6.3	5.6	6.6	5.3	7.7	5.3	6.9
HEMI	6.4	6.0	7.0	7.4	3.9	7.1	5.7	7.5	5.3	5.5	5.9	5.7	7.0	5.5	7.4	5.4	6.6
HOT ROD (BURL TF-136)	5.9	5.4	7.0	7.4	4.4	6.4	5.8	7.5	5.1	5.6	5.9	5.5	7.1	5.4	7.5	5.4	7.1
HOUNDOG8 (IS-TF 307 SEL)	6.1	5.7	7.1	7.0	4.8	6.8	5.3	7.3	5.0	5.7	5.6	5.3	7.0	4.8	7.5	5.2	7.0
HOVER (BURL TF-69)	6.1	5.3	6.5	7.3	5.3	6.3	5.6	7.4	5.2	6.0	5.4	5.3	6.8	5.1	7.4	5.7	6.6

TABLE 7. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT SEVENTEEN LOCATIONS IN THE U.S.
2016 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	CT1	GA1	IA1	IL1	IL2	IN1	KS2	KY1	MO1	MS1	NC1	NE1	NJ1	NJ2	TN1	UT1	VA1
INSPIRATION (PST-R5NW)	5.2	5.6	6.9	6.1	2.4	5.7	5.2	6.9	4.7	5.6	5.1	5.1	5.1	3.9	7.5	4.6	6.3
IS-TF 269 SEL	6.0	5.5	7.1	7.5	4.3	6.3	5.3	7.3	4.8	6.2	5.5	5.4	7.0	5.6	7.7	5.7	5.8
IS-TF 272	5.6	5.3	7.2	7.1	3.7	5.9	5.1	7.2	4.8	5.8	5.0	5.2	6.5	4.8	7.5	5.6	6.1
IS-TF 276 M2	5.9	5.6	6.8	6.3	2.5	6.1	5.2	7.1	5.5	5.7	5.2	5.2	5.7	4.2	7.5	5.1	6.7
IS-TF 308 SEL	6.3	5.9	7.0	6.9	4.1	6.7	5.8	7.5	5.1	5.7	5.9	5.6	7.6	5.6	7.7	5.3	6.6
IS-TF 311	6.5	5.8	6.8	7.0	2.2	6.6	5.7	7.6	5.0	5.6	6.1	5.3	6.8	5.6	7.6	5.4	6.7
IS-TF-287	6.1	5.3	6.6	6.6	4.6	5.7	5.2	7.2	5.0	5.6	5.5	5.5	6.2	5.5	7.5	5.4	6.4
JS 809	5.3	5.4	6.7	6.8	4.6	5.7	5.1	6.9	4.3	5.6	5.6	5.1	5.6	3.7	7.2	4.7	6.5
JS 818	5.8	4.6	7.1	6.6	3.0	6.1	4.9	7.0	4.6	5.6	5.1	5.0	6.1	4.5	7.5	4.5	5.7
JS 819	5.7	5.3	6.7	7.1	4.4	5.9	5.0	6.9	4.7	5.6	4.9	5.0	5.3	4.2	7.3	4.7	5.8
JS 825	5.0	5.4	7.0	6.8	2.7	5.4	4.8	6.5	4.6	5.7	4.8	4.8	4.6	3.4	7.3	4.2	5.7
JS 916	5.6	5.9	7.0	7.0	3.7	6.3	5.6	7.4	5.0	6.1	5.4	5.4	7.0	5.4	7.6	5.0	7.1
K12-05	5.6	5.8	6.9	6.6	2.7	6.2	5.0	7.1	5.0	5.9	4.9	5.2	6.4	4.9	7.6	5.0	6.3
K12-13	5.1	5.6	6.8	6.7	3.1	5.6	4.8	7.0	4.3	5.5	5.0	4.9	6.1	3.8	7.3	5.1	5.8
K12-MCD	6.4	5.8	6.6	6.7	3.7	6.3	5.5	7.0	4.7	5.9	5.6	5.0	6.0	4.8	7.6	5.0	5.8
KINGDOM (DB1)	5.9	5.5	7.0	7.0	4.8	5.9	5.6	7.3	4.4	6.1	5.4	5.2	7.1	4.8	7.4	4.9	6.2
KY-31	3.5	4.3	4.8	3.2	3.7	4.2	3.3	4.0	3.3	4.4	5.2	3.2	1.0	1.2	6.0	2.0	5.1
LEONARDO (LTP-FSD)	6.3	5.7	6.8	6.7	4.5	6.1	5.7	7.1	5.1	6.1	6.3	5.4	6.5	5.0	7.5	5.0	6.7
MAESTRO (T31)	6.4	5.9	6.7	7.0	5.8	6.7	5.5	7.3	5.3	6.0	6.1	5.7	6.6	5.6	7.5	5.2	6.6
MARAUDER	4.9	5.4	6.2	6.7	3.2	5.2	4.7	6.7	4.5	5.4	4.3	4.9	5.3	3.7	7.5	4.6	5.6
MEMPHIS (GO-DFR)	5.3	5.5	7.0	7.1	3.5	6.2	5.2	6.8	5.0	5.9	5.2	5.0	6.0	4.3	7.5	5.2	5.8
MERIDIAN (PST-5GRB)	5.3	5.6	6.7	6.3	5.7	6.1	5.2	6.9	4.8	6.0	5.4	5.7	7.3	5.0	7.5	4.5	6.4
MET 1	6.3	6.1	7.3	7.1	4.2	6.3	5.8	7.3	5.5	5.8	6.1	5.4	7.7	6.1	7.6	5.9	7.3
MET-3	6.1	5.6	7.0	7.1	5.0	6.7	5.7	7.4	5.5	5.7	6.3	5.6	6.5	5.6	7.6	5.1	6.9
MICHELANGELO (LTP-F5DPDR)	6.2	5.9	6.9	7.2	4.8	6.2	5.8	7.3	4.8	6.0	6.1	5.3	6.9	5.1	7.6	5.1	6.2
NIGHTCRAWLER (IS-TF 285)	6.0	5.6	6.8	6.4	4.7	6.4	5.3	7.1	4.8	5.3	4.8	5.4	7.0	4.9	7.6	5.0	6.7
OLYMPUS (RAD-TF-88)	6.1	5.7	6.7	7.4	3.6	6.2	5.2	7.4	4.6	5.5	4.9	5.5	6.7	4.5	7.4	5.0	6.3
PARAMOUNT (PPG-TF-137)	6.1	5.9	6.6	6.8	3.7	6.9	6.2	7.3	5.0	5.8	5.9	5.4	6.9	5.4	7.7	5.2	6.8
PPG-TF-115	6.5	5.8	6.9	6.9	3.0	6.1	5.5	7.3	4.6	5.8	5.3	5.1	5.7	4.9	7.7	4.9	6.7
PPG-TF-135	6.7	5.6	7.0	6.9	2.4	6.4	5.7	7.4	5.4	5.8	6.1	5.6	7.1	5.7	7.6	5.1	6.9
PPG-TF-138	6.4	5.7	7.1	7.0	3.1	6.4	5.8	7.1	5.1	5.6	5.3	5.2	6.3	5.6	7.7	5.1	6.8
PPG-TF-169	6.0	6.1	6.6	7.4	3.7	6.6	5.8	7.5	5.3	5.9	5.5	5.5	6.5	4.8	7.4	5.0	7.1
PSG-8BP2	5.8	5.5	6.7	5.9	2.7	5.7	5.0	6.8	4.6	5.4	4.8	4.7	5.0	4.3	7.3	5.0	5.6
PSG-GSD	6.0	5.4	6.8	6.1	4.8	6.2	5.6	6.7	4.7	5.7	5.1	5.3	5.6	4.4	7.6	4.9	5.8
PSG-PO1	6.4	6.0	6.9	7.2	3.2	6.4	5.7	7.3	5.3	5.9	5.7	5.5	6.7	5.6	7.4	5.5	6.4
PSG-TT4	6.0	5.5	6.5	6.6	6.0	6.3	5.2	7.0	4.5	5.8	5.2	4.8	4.6	4.4	7.5	4.7	6.2
PST-5BPO	6.0	5.9	6.8	6.9	4.0	6.2	5.4	7.2	5.0	5.8	6.1	5.3	6.0	4.7	7.3	4.9	6.7
PST-5BRK	6.3	5.8	6.8	7.3	5.1	6.2	5.6	7.1	4.7	5.4	6.1	5.2	5.5	4.3	7.5	4.7	7.4
PST-5DZP	5.9	5.5	6.7	6.4	4.1	6.2	5.2	6.8	4.6	5.4	4.8	5.3	6.4	4.4	7.5	5.3	6.3
PST-5EX2	6.0	5.7	6.4	6.1	4.8	6.1	5.5	6.9	4.9	6.0	6.7	4.7	4.9	3.7	7.6	4.7	6.5
PST-5MVD	6.1	5.8	6.6	6.9	4.1	6.4	5.5	6.9	4.6	5.8	5.6	5.5	6.1	4.7	7.6	4.8	6.1
RAD-TF-83	5.8	5.2	7.0	7.0	4.6	5.6	5.2	7.2	4.8	5.9	4.7	5.0	5.7	4.8	7.3	5.0	5.8
RAD-TF-89	5.7	5.6	7.1	7.1	3.3	6.0	5.1	7.3	4.6	5.8	5.2	5.6	6.1	5.0	7.4	5.1	6.5
RAD-TF-92	5.5	5.4	6.8	6.9	2.9	6.0	5.4	7.3	4.9	6.0	5.5	5.4	7.4	5.0	7.4	5.0	6.0

PRELIMINARY DATA - NOT FOR PUBLICATION

TABLE 7. (CONT'D) MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
GROWN AT SEVENTEEN LOCATIONS IN THE U.S.
2016 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	CT1	GA1	IA1	IL1	IL2	IN1	KS2	KY1	MO1	MS1	NC1	NE1	NJ1	NJ2	TN1	UT1	VA1
RAIN DANCE (PST-5SDT)	5.5	5.7	6.8	6.5	4.3	6.1	5.3	7.0	4.8	5.8	6.0	4.9	5.3	4.1	7.3	4.7	6.0
RAPTOR III (ZW 44)	6.8	5.8	7.0	7.3	2.1	6.6	5.5	7.5	5.2	6.1	6.6	5.6	7.5	5.4	7.6	5.7	7.3
REBEL V (ATF 1736)	5.8	5.8	6.8	7.1	5.0	6.1	5.4	7.3	4.5	5.8	5.7	5.2	6.0	4.9	7.4	4.9	6.7
REBOUNDER (PICK-W43)	7.0	5.8	7.0	7.3	4.4	6.4	6.0	7.5	5.1	6.0	5.7	5.6	7.5	5.9	7.7	5.5	6.7
REFLECTION (U45)	6.8	5.6	7.4	7.1	4.2	6.7	5.7	7.5	5.0	5.7	6.0	5.7	8.0	5.2	7.6	5.4	6.9
REGENERATE	6.6	5.9	7.0	7.0	3.9	7.2	5.9	7.5	5.1	5.8	6.3	5.5	8.1	6.1	7.5	5.3	6.7
RHAMBLER 2 SRP (LSD)	6.3	5.5	6.8	5.9	3.3	6.5	5.2	6.8	5.3	5.1	5.4	5.2	7.6	4.9	7.7	5.3	6.8
RHIZING MOON (IS-TF 305 SEL)	6.3	5.8	6.9	7.4	3.3	6.1	5.1	7.2	5.8	5.6	5.5	5.4	6.8	4.7	7.7	4.7	6.0
ROCKWELL (LTP-TWUU)	6.5	5.7	6.9	6.8	3.7	6.6	5.8	7.4	5.1	6.0	5.9	5.5	7.1	6.0	7.6	5.2	7.5
ROWDY (SRX-TPC)	6.3	5.6	6.9	6.9	6.5	6.6	5.5	7.0	5.1	5.5	5.7	5.5	8.0	5.6	7.6	5.3	6.6
SALTILLO (PST-5SALT)	6.2	5.8	6.8	7.0	4.4	6.4	5.5	7.2	5.0	5.9	6.0	5.2	6.3	5.0	7.6	4.7	7.2
SCREAMER LS (PPG-TF-148)	6.1	5.8	6.8	6.3	6.4	6.6	5.5	7.2	5.1	5.7	5.6	5.3	6.7	5.5	7.7	4.9	6.8
SUPERSONIC (PPG-TF-170)	6.4	5.7	6.7	7.4	4.2	6.4	5.6	7.5	5.0	5.9	5.6	5.4	6.6	5.6	7.7	5.1	7.4
SWAGGER (PST-5RO5)	5.7	5.4	6.7	5.8	2.3	5.8	5.7	6.7	4.9	5.4	5.6	5.2	5.8	4.0	7.6	5.1	6.4
TECHNIQUE (RZ2)	6.6	5.7	7.1	7.2	4.2	6.7	5.9	7.3	4.8	6.1	6.1	5.6	7.6	5.3	7.5	4.8	7.3
TEMPLE (DZ1)	5.8	5.6	7.0	7.1	3.8	6.5	6.0	7.0	4.9	6.1	5.3	5.2	7.3	5.3	7.7	4.9	7.0
TEMPTATION (OR-21)	5.4	5.2	7.2	7.1	5.5	5.8	5.0	7.2	5.8	5.0	5.6	5.2	6.1	4.0	7.5	5.2	5.8
TERRANO	5.7	5.5	7.0	6.3	3.6	6.1	5.5	6.7	4.8	5.5	5.4	5.0	5.7	4.1	7.6	4.9	6.2
THOR (PPG-TF-157)	6.7	5.7	7.0	6.8	4.1	6.7	5.9	7.6	5.5	5.8	5.9	5.4	7.5	5.9	7.9	5.2	7.2
THUNDERSTRUCK (TD1)	5.8	5.8	7.1	7.2	4.8	6.4	5.5	7.3	4.3	5.7	5.3	5.6	5.6	4.9	7.6	5.3	6.3
TITANIUM 2LS (PPG-TF-152)	6.8	6.1	6.7	6.9	4.3	6.6	5.6	7.4	5.3	5.6	5.8	5.5	7.1	5.5	7.7	5.5	7.2
TRAVERSE 2 SRP (W45)	6.3	5.6	7.0	7.1	6.0	6.4	5.9	7.7	5.8	5.8	6.4	5.7	8.0	5.2	7.5	5.5	7.1
TURFWAY (IS-TF 282 M2)	6.0	5.7	7.0	7.5	3.2	6.2	5.4	7.4	5.0	6.2	5.3	5.2	6.5	5.0	7.7	5.3	6.6
UNITUS (IS-TF 289)	6.0	5.7	7.0	6.9	1.9	5.8	5.4	7.1	4.4	5.5	4.8	5.2	6.0	5.1	7.4	5.2	5.8
VALKYRIE LS (PPG-TF-172)	6.4	5.9	6.6	6.6	5.8	6.3	5.9	7.2	4.9	6.0	6.2	5.5	6.9	5.2	7.4	5.0	7.3
W41	6.7	5.9	7.0	7.3	4.6	6.6	5.7	7.7	5.2	6.0	5.9	5.5	7.0	5.2	7.8	5.1	6.9
WARHAWK	4.8	5.4	6.5	6.6	3.6	5.2	4.8	6.5	4.3	5.6	4.3	4.6	4.6	3.3	7.4	4.3	5.2
WICHITA (PPG-TF-151)	6.3	5.9	6.8	7.2	4.0	6.6	5.3	7.1	4.9	5.9	6.1	5.4	6.6	4.9	7.6	4.8	6.5
XTENDER (PPG-TF-139)	5.7	6.0	7.0	6.9	5.0	6.6	5.3	7.1	4.6	5.5	5.9	5.6	6.7	5.7	7.8	5.0	6.9
LSD VALUE	0.8	0.7	0.5	0.8	2.5	0.6	0.5	0.4	0.7	0.6	0.8	0.4	1.0	0.7	0.3	0.5	0.9
C.V. (%)	8.5	7.7	5.0	7.0	38.1	6.2	6.2	3.2	8.4	6.2	9.5	4.7	9.9	9.5	2.4	6.4	8.8

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

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

PRELIMINARY DATA - NOT FOR PUBLICATION

TABLE 8. TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS GROWN AT FIFTEEN LOCATIONS IN THE U.S. AND CANADA
2016 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	IA1	IL1	IL2	IN1	KS1	MD1	MN1	NC1	NJ1	NJ2	ON1	TN1	UT1	VA1	WA1
3733	6.8	6.2	1.9	4.7	7.1	4.2	4.2	3.2	6.4	4.6	4.1	7.1	5.0	4.3	5.1
A00-2882	7.5	7.0	2.7	5.3	7.3	4.7	5.1	4.1	7.9	6.1	3.7	7.1	6.5	4.2	6.2
A00-4199	6.6	7.0	1.7	6.8	6.3	3.5	5.4	3.6	7.0	5.9	3.7	7.0	5.1	3.3	6.1
A01-1106	7.6	6.9	1.1	4.4	7.4	4.6	4.5	4.1	7.7	6.0	4.1	7.4	5.4	3.1	5.6
A04-36	6.9	6.5	2.2	6.1	6.2	3.3	5.1	3.0	6.1	6.0	4.2	7.2	3.9	3.6	5.5
A04-38	6.2	6.7	3.7	6.3	5.9	4.2	5.3	2.9	6.7	5.8	3.9	7.3	3.9	4.6	6.0
A05-329	6.7	6.7	2.0	4.3	5.5	3.4	4.0	3.6	4.2	4.5	3.8	7.2	5.1	3.5	5.1
A05-360	6.8	7.1	2.9	6.3	6.5	4.6	5.4	4.4	7.8	6.0	3.7	7.0	5.2	5.5	5.4
A05-361	6.4	7.0	1.6	5.8	6.8	4.3	5.2	4.3	6.0	6.1	3.9	7.1	4.6	4.7	5.8
A05-999	6.3	6.6	2.0	5.2	5.8	4.3	4.6	3.0	8.0	4.5	3.2	7.2	4.1	3.0	5.1
A05-TB-382	6.9	6.1	3.1	6.2	6.5	3.4	4.8	5.5	5.2	5.0	4.2	7.2	4.3	4.6	5.0
A06-26	6.6	6.7	1.4	6.3	6.8	3.5	5.7	3.9	6.0	5.9	3.2	7.3	4.7	2.4	6.0
A06-46	6.9	7.0	3.1	6.8	7.0	3.9	6.6	4.4	7.1	7.1	3.9	7.2	5.1	5.9	5.8
A06-47	6.3	6.8	2.5	5.6	6.8	3.8	5.0	4.1	6.7	5.3	3.9	7.3	4.8	3.5	5.8
A98-363	6.3	6.7	2.4	6.3	6.0	4.3	4.6	3.6	5.1	4.6	3.5	7.2	4.5	4.9	5.5
AKB 2555	6.7	6.2	1.9	4.5	6.5	3.8	4.3	3.5	6.0	4.5	3.6	7.1	4.8	2.3	5.7
AMERICA	6.6	6.7	3.1	6.5	7.1	4.3	4.9	3.7	5.3	5.5	3.8	7.1	4.5	3.5	5.3
ARAMINTHA (PP 10847)	6.6	6.6	4.4	5.6	7.4	4.3	5.0	4.2	6.2	5.0	3.3	7.0	4.1	4.6	5.8
ARROWHEAD	6.0	7.0	2.6	5.2	6.2	4.3	5.8	3.2	8.2	6.3	4.1	7.4	5.2	3.2	6.2
AVID	6.7	7.2	2.5	4.8	4.9	.	4.5	4.2	5.0	6.4	3.6	7.1	2.9	2.4	6.0
AWARD	7.2	7.0	3.7	6.1	7.3	4.3	5.4	5.0	6.5	5.5	3.1	7.0	4.6	3.4	5.7
BAR 12PP 612	6.6	5.9	1.8	3.8	6.5	3.8	4.1	4.5	5.6	5.1	4.1	7.2	5.6	3.5	6.2
BAR 8PP 504	5.8	6.0	5.1	5.8	7.2	3.9	4.3	4.4	7.0	4.8	3.7	6.8	4.3	4.7	5.7
BAR PP 110358	6.3	6.6	1.8	7.1	7.3	5.1	5.6	5.1	8.1	6.1	3.5	7.7	3.8	4.3	5.3
BAR PP 119326	6.3	6.7	2.1	5.4	5.8	3.7	4.8	3.5	6.8	4.8	4.6	7.0	4.1	4.0	5.1
BAR PP 119327	6.1	6.7	3.8	5.3	6.0	3.2	3.3	3.8	6.4	4.7	4.0	7.0	4.2	3.6	6.0
BAR VV 112916	6.8	5.8	4.0	5.3	5.4	3.9	5.0	3.6	6.7	4.7	3.7	7.2	3.0	5.0	5.1
BAR VV 118532	6.6	6.5	3.4	5.7	5.7	3.6	5.1	4.5	4.7	4.9	3.7	7.1	4.2	4.1	5.2
BARDUKE	6.6	6.5	2.6	5.2	6.0	3.8	3.8	3.8	5.6	5.0	3.5	7.2	4.2	3.6	5.5
BARON	6.4	6.3	2.3	5.0	5.9	3.7	4.0	4.2	6.4	4.8	3.5	7.0	4.8	2.4	5.8
BARVETTE HGT (BAR VV 0709)	6.2	6.0	5.3	5.9	6.8	4.3	4.9	6.4	6.3	4.8	3.0	7.5	3.7	7.4	5.2
BLACKJACK	6.5	6.1	1.7	4.8	6.0	3.3	3.8	4.3	6.1	4.6	3.3	7.1	4.4	3.0	5.2
BLUE COAT (AKB 2282)	6.3	6.3	2.3	5.7	6.6	4.4	4.9	3.8	5.7	5.3	3.8	6.9	5.2	3.7	5.8
BLUE NOTE	7.1	7.0	2.1	7.0	6.6	4.7	6.9	4.8	6.2	6.7	4.0	7.3	4.2	4.7	6.1
BLUEBANK (A03-1017)	7.6	7.3	4.1	6.7	7.5	4.6	5.2	4.9	5.9	6.5	3.8	7.1	4.6	4.9	5.7
BOLT (H99-1653)	5.8	6.3	2.3	5.9	5.4	3.6	6.1	4.3	7.8	6.0	3.7	7.1	4.3	4.7	5.5
BURL 06-11	5.8	7.0	2.5	6.4	6.8	3.8	5.5	3.8	6.0	5.3	3.4	7.2	4.6	3.4	5.8
BURL 3-51	6.9	7.2	3.0	5.8	7.8	3.8	4.9	3.9	5.0	5.8	2.8	7.3	5.4	2.8	5.6
CABERNET	6.7	7.2	2.5	6.3	6.0	4.7	5.8	4.3	6.0	5.5	3.9	7.1	5.0	5.7	5.5
DAUNTLESS (A05-315)	6.4	6.5	3.3	5.8	7.3	3.6	5.5	3.3	6.7	5.4	3.9	7.1	4.3	3.8	5.6
EMPIRE	7.0	7.0	2.1	5.2	6.6	2.9	5.2	3.4	5.0	6.5	3.6	7.1	4.4	2.5	5.9
ENDURANCE (PST-K4-7)	6.5	7.3	2.3	5.2	7.2	4.1	6.5	3.6	7.4	5.5	3.8	7.0	5.1	4.3	6.0
GEISHA (DPPP818)	6.4	6.6	3.0	5.4	6.5	3.6	4.0	3.9	6.1	4.0	3.9	7.0	4.1	2.9	5.5
J-1136	7.4	7.2	2.0	5.8	6.8	4.3	5.6	4.5	5.6	6.5	3.3	7.1	5.4	3.5	5.9

TABLE 8. (CONT'D)

TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS
GROWN AT FIFTEEN LOCATIONS IN THE U.S. AND CANADA
2016 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	IA1	IL1	IL2	IN1	KS1	MD1	MN1	NC1	NJ1	NJ2	ON1	TN1	UT1	VA1	WA1
J-1770	7.4	7.1	1.7	5.8	7.6	4.4	5.5	5.2	6.1	6.7	3.6	7.0	5.1	4.4	5.7
J-1853	6.8	7.3	1.6	5.8	6.9	4.6	5.2	4.2	5.9	6.6	3.4	7.2	4.4	4.5	5.7
JACKRABBIT (PST-K10-106D)	6.5	6.8	3.1	4.7	6.3	4.3	4.4	3.2	6.9	4.9	4.2	7.2	4.3	3.3	6.3
KEENELAND (A04-342)	7.2	6.7	4.8	4.8	8.0	4.1	4.8	4.5	6.1	6.8	3.6	7.1	5.7	6.2	6.4
KENBLUE	6.1	5.4	3.4	3.9	4.9	2.8	3.2	3.8	4.2	3.0	3.4	7.3	2.9	6.4	4.2
LEGEND (A10-1)	6.2	7.2	2.4	5.3	6.8	4.3	5.2	4.2	4.7	6.6	3.7	6.9	4.6	5.2	5.4
LUNAR (PST-07-261)	6.2	6.5	2.2	4.4	6.1	3.5	4.5	3.4	6.2	4.6	3.8	7.3	4.8	3.1	5.4
MAZAMA (A04-74)	6.7	7.0	4.2	6.0	7.7	4.2	4.7	5.4	5.8	6.0	3.9	7.2	5.7	3.9	5.8
MERLOT (LTP-08-6)	7.2	7.0	2.1	5.5	6.4	3.4	6.0	4.5	5.1	6.0	3.7	7.2	4.7	4.3	6.1
MIDNIGHT	7.1	7.3	2.0	5.6	6.9	3.6	4.7	4.7	7.3	6.1	3.0	7.4	5.2	2.3	5.9
NU CHICAGO	7.1	7.1	3.2	5.4	7.2	4.1	5.7	4.7	5.5	6.0	3.6	7.2	5.2	4.7	6.0
OASIS (A98-344)	6.8	7.2	2.6	5.5	6.1	4.0	4.4	3.4	5.0	6.1	3.8	7.2	5.5	5.1	5.5
PICK 033	6.9	7.4	2.9	6.7	7.0	4.1	4.2	5.4	6.4	6.0	3.9	7.1	5.3	5.9	4.5
PICK 4340	5.8	7.0	3.1	4.9	7.3	4.6	5.0	4.2	5.7	6.3	3.9	7.3	5.7	3.3	6.0
PICK MP07	5.9	6.2	1.6	4.9	5.5	3.5	4.5	3.4	6.2	4.7	3.6	7.0	3.6	3.8	4.6
PICK TD8	6.6	6.9	2.1	5.5	6.9	3.7	5.5	4.2	6.3	5.5	3.9	7.3	5.3	2.2	5.9
PICK TD9	6.2	6.0	2.1	5.1	6.0	3.8	5.4	3.6	4.3	4.0	4.2	7.0	4.5	2.4	5.8
PST-K4-3	6.4	7.0	1.1	4.8	6.1	3.5	4.7	3.4	6.2	4.8	3.2	7.1	4.4	2.4	5.3
PST-K9-90	6.6	6.8	3.0	5.6	6.5	4.4	6.4	2.9	6.6	5.5	3.8	7.1	4.8	2.0	5.6
PST-K9-97	6.7	6.6	2.8	4.8	6.7	3.9	4.8	4.1	7.1	5.0	3.5	7.2	4.4	2.8	5.1
PST-K9-99	6.1	6.8	4.3	4.5	5.5	3.4	4.5	4.5	6.6	5.0	4.1	7.1	4.0	2.2	5.9
PST-T10-18	6.2	6.6	2.3	6.6	6.0	3.6	5.5	5.0	7.3	5.8	3.8	7.0	4.1	5.2	5.3
RAD-1492	6.6	6.5	2.9	5.8	5.4	4.3	5.2	3.3	5.8	4.6	3.3	7.3	5.1	3.8	5.4
RAD-507	6.2	6.8	2.3	5.8	6.3	3.4	5.6	4.4	5.2	5.4	4.1	7.3	4.9	3.9	5.7
RAD-849	6.0	6.3	2.2	5.1	6.4	4.4	5.4	2.8	5.4	5.3	3.9	7.3	4.4	5.3	6.3
RUBIX (4S2W)	6.8	6.5	2.7	5.9	5.7	3.8	6.0	3.3	7.9	5.7	3.6	7.3	4.7	2.8	5.4
RUSH	6.9	7.0	1.3	5.1	6.9	3.7	5.0	3.5	7.7	4.3	3.8	6.9	5.8	1.8	5.9
SHAMROCK	6.4	6.2	1.8	6.1	6.2	3.7	5.0	3.6	5.7	4.8	3.8	7.3	4.0	3.3	5.6
SKYE	6.3	6.7	1.9	6.5	8.3	4.7	6.6	4.3	5.9	6.1	3.6	7.3	4.9	5.0	5.8
SRX 2758	7.0	7.0	2.2	5.6	7.0	4.6	5.3	4.6	7.4	5.4	3.1	7.3	5.3	4.1	5.4
SRX 4338	6.3	6.7	2.9	4.7	6.6	4.2	6.2	4.8	7.3	6.2	3.2	7.3	5.5	5.4	6.0
SRX 466	7.1	7.4	1.7	6.4	8.0	4.5	5.2	5.3	6.3	5.8	4.3	7.4	5.3	5.9	5.5
SRX 5321	6.7	6.5	2.3	6.3	5.6	3.8	5.8	3.0	6.2	5.4	4.0	7.3	4.5	2.8	5.6
SUDDEN IMPACT	6.8	6.8	2.1	6.2	8.2	4.4	5.2	4.4	6.4	6.3	3.4	7.2	4.8	2.4	5.5
THERMAL BLUE	6.6	6.4	2.7	5.7	6.4	3.5	4.4	4.4	6.2	4.2	4.7	6.9	4.0	4.4	5.3
WATERWORKS (A05-204)	6.4	6.5	1.7	5.1	7.1	3.7	4.6	3.7	3.9	5.2	3.6	7.0	3.9	2.9	4.9
ZEDOR (PPH 9131)	6.3	6.4	1.9	4.8	6.8	3.6	4.0	4.3	5.5	5.3	3.7	6.9	4.8	3.3	5.5
ZINGER (A05-306)	5.9	6.7	2.7	5.8	7.1	4.0	4.7	2.9	5.2	4.8	3.6	6.8	3.7	3.9	5.9
LSD VALUE	0.9	0.6	2.2	1.1	1.7	0.9	1.0	1.1	1.7	0.9	1.0	0.4	1.2	2.6	0.7
C.V. (%)	8.4	5.5	53.3	12.7	16.1	13.8	12.0	17.0	17.2	10.5	17.0	3.1	16.2	40.6	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.

2015 NATIONAL LOW INPUT COOL-SEASON TEST (LOW INPUT)

LOCATIONS SUBMITTING DATA FOR 2016

State	Location	Code
Connecticut	Storrs	CT1
Connecticut	Storrs (Ancillary)	CT2
Indiana	West Lafayette (Low Input)	IN1
Indiana	West Lafayette (Medium Input)	IN2
Michigan	East Lansing	MI1
Minnesota	St. Paul (Fairway)	MN1
Missouri	Columbia	MO1
Missouri	Columbia (Ancillary)	MO2
Nebraska	Mead	NE1
North Carolina	Raleigh	NC1
Oregon	Corvallis	OR1
Pennsylvania	University Park	PA1
Utah	Logan (Drought)	UT1
Virginia	Blacksburg	VA1

2014 NATIONAL BENTGRASS TEST
(Fairway/Tee)

LOCATIONS SUBMITTING DATA FOR 2016

State	Location	Code
Illinois	Urbana	IL1
Indiana	West Lafayette (Reduced Irrigation)	IN1
Iowa	Ames	IA1
Kansas	Manhattan	KS1
Kentucky	Lexington	KY1
Massachusetts	Amherst (Traffic)	MA1
Michigan	East Lansing	MI1
Missouri	Columbia	MO1
New Jersey	North Brunswick	NJ1
North Dakota	Fargo	ND1
Utah	Logan	UT1
Virginia	Blacksburg (Traffic)	VA2
Washington	Pullman	WA1

2014 NATIONAL BENTGRASS TEST
(Greens)

LOCATIONS SUBMITTING DATA FOR 2016

State	Location	Code
Illinois	Glenview (North Shore C.C.)	IL4
Indiana	West Lafayette	IN1
Iowa	Ames	IA1
Kansas	Manhattan	KS1
Kentucky	Lexington	KY1
Massachusetts	Amherst (Traffic Study)	MA1
Michigan	East Lansing	MI1
Minnesota	St. Paul	MN1
Missouri	Columbia	MO1
New Jersey	North Brunswick	NJ1
North Carolina	Raleigh	NC1
Oklahoma	Stillwater	OK1
Utah	Logan	UT1
Utah	Logan (Drought)	UT2
Virginia	Blacksburg	VA1

2014 NATIONAL FINELEAF FESCUE TEST

LOCATIONS SUBMITTING DATA FOR 2016

State	Location	Code
Connecticut	Storrs	CT1
Connecticut	Storrs (Traffic)	CT2
Illinois	Urbana	IL1
Illinois	Carbondale (Shade)	IL2
Indiana	West Lafayette	IN1
Massachusetts	Amherst (Traffic Study)	MA1
Maryland	College Park	MD1
Michigan	East Lansing (Lawn)	MI1
Michigan	East Lansing (Fairway)	MI2
Michigan	East Lansing (Fairway/Traffic)	MI3
Minnesota	St. Paul (Fairway)	MN1
Minnesota	St. Paul (Lawn)	MN2
Minnesota	St. Paul (Fairway/Traffic)	MN3
Missouri	Columbia	MO1
New Jersey	North Brunswick	NJ1
New Jersey	Adelphia	NJ2
North Carolina	Raleigh	NC1
North Dakota	Fargo	ND1
Oregon	Corvallis	OR1
Oregon	Corvallis (Traffic)	OR2
Washington	Pullman	WA1

2013 NATIONAL BERMUDAGRASS TEST

LOCATIONS SUBMITTING DATA FOR 2016

State	Location	Code
Alabama	Auburn	Al1
Arkansas	Fayetteville	AR1
Georgia	Griffin	GA1
Indiana	West Lafayette	IN1
Kansas	Wichita	KS2
Kentucky	Lexington	KY1
Missouri	Columbia (Ancillary)	MO1
Mississippi	Mississippi State	MS1
North Carolina	Raleigh	NC1
Oklahoma	Stillwater	OK1
Tennessee	Knoxville	TN1
Texas	College Station (Drought)	TX2
Virginia	Blacksburg	VA1

2013 NATIONAL ZOYSIAGRASS TEST

LOCATIONS SUBMITTING DATA FOR 2016

State	Location	Code
Alabama	Auburn	Al1
Arkansas	Fayetteville	AR1
Florida	Citra	FL4
Georgia	Griffin	GA1
Kansas	Manhattan	KS1
Missouri	Columbia (Ancillary)	MO1
North Carolina	Raleigh	NC1
Tennessee	Knoxville	TN1
Texas	Dallas	TX1
Texas	College Station (Drought)	TX2

2012 NATIONAL TALL FESCUE TEST

LOCATIONS SUBMITTING DATA FOR 2016

State	Location	Code
Connecticut	Storrs	CT1
Georgia	Griffin	GA1
Illinois	Urbana	IL1
Illinois	Carbondale (Shade)	IL2
Indiana	West Lafayette	IN1
Iowa	Ames	IA1
Kansas	Wichita (Brown Patch Ancillary)	KS2
Kentucky	Lexington	KY1
Missouri	Columbia	MO1
Mississippi	Mississippi State	MS1
Nebraska	Mead	NE1
New Jersey	North Brunswick	NJ1
New Jersey	Adelphia	NJ2
North Carolina	Raleigh	NC1
Tennessee	Knoxville	TN1
Utah	Logan (Drought)	UT1
Virginia	Blacksburg	VA1

2011 NATIONAL KENTUCKY BLUEGRASS TEST

LOCATIONS SUBMITTING DATA FOR 2016

State	Location	Code
Illinois	Urbana	IL1
Illinois	Carbondale (Shade)	IL2
Indiana	West Lafayette	IN1
Iowa	Ames	IA1
Kansas	Manhattan	KS1
Maryland	College Park	MD1
Minnesota	St. Paul	MN1
New Jersey	North Brunswick	NJ1
New Jersey	Adelphia	NJ2
North Carolina	Raleigh (Summer Patch)	NC1
Ontario	Guelph (Organic)	ON1
Tennessee	Knoxville	TN1
Utah	Logan	UT1
Virginia	Blacksburg	VA1
Washington	Pullman	WA1