

## PRELIMINARY DATA - NOT FOR PUBLICATION

TABLE 1.

TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS  
GROWN AT SEVENTEEN LOCATIONS IN THE U.S.  
2017 DATA

## TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	CA7	CT1	IA1	IL1	KY1	MA1	MI1	MN1	MO1	NE1	NJ2	OR1	OR2	UT1	UT2	VA1	WI1
O21	6.4	6.2	6.7	6.9	6.5	5.9	5.7	4.8	3.8	5.0	6.1	7.3	5.8	5.9	4.7	6.3	5.8
O23	6.1	7.6	6.2	7.2	6.7	6.1	5.7	5.5	4.2	5.7	6.5	7.2	5.2	5.2	4.4	6.3	5.7
O2BS1	6.8	6.7	6.8	7.3	6.7	5.8	4.8	4.3	4.1	4.9	5.9	7.2	5.9	5.2	3.7	6.5	5.1
O2BS2	6.7	7.0	6.1	7.0	6.8	6.5	5.6	5.4	4.0	4.9	5.8	7.3	5.8	5.8	4.7	5.8	6.3
O2BS4	5.8	7.2	6.6	6.6	6.9	5.8	5.8	5.4	3.8	5.4	5.8	7.2	5.9	5.4	4.2	6.5	5.5
A-4G	6.2	6.1	6.8	7.8	6.5	6.0	5.1	4.3	3.5	5.0	5.1	7.0	5.2	5.6	4.3	5.8	4.9
A-6D	5.9	6.6	6.2	7.5	6.4	6.0	4.9	4.1	4.0	4.4	4.7	6.9	5.2	5.8	4.5	5.9	5.6
A-PR15	6.4	6.4	6.2	7.3	6.6	5.9	5.2	5.8	4.1	4.9	5.0	6.9	5.4	4.6	4.9	6.1	5.3
ALLSTAR III	6.1	5.8	5.8	7.1	6.4	5.3	5.4	4.4	3.3	4.8	5.0	6.8	5.2	5.0	4.4	5.6	5.8
AMP-R1	5.7	5.7	6.2	7.6	6.8	5.9	5.1	4.4	3.4	3.7	4.6	6.6	4.7	5.4	4.5	6.1	5.0
APR2612	5.9	5.3	6.1	7.2	6.6	5.4	5.3	3.6	3.6	4.4	4.8	6.7	4.9	5.3	4.7	6.0	6.2
APR2616	5.7	6.4	6.1	7.2	6.6	5.5	5.4	5.0	3.9	5.4	6.0	7.3	5.2	5.5	4.7	6.7	5.5
APR3060	6.8	6.6	6.2	6.5	6.6	5.4	5.1	5.1	3.9	4.9	4.8	6.6	4.9	5.3	5.0	6.4	5.1
ASP0116EXT	6.3	5.7	6.6	7.5	6.9	5.4	5.6	5.2	3.5	4.6	4.4	7.0	5.3	5.6	4.3	6.5	4.7
BAR LP 6117	6.3	5.9	6.0	7.1	6.5	5.1	5.2	4.7	4.3	5.0	4.3	7.1	5.7	5.5	4.7	7.0	5.5
BAR LP 6131	6.6	6.1	6.0	7.0	6.5	5.3	5.2	4.5	3.6	4.8	3.2	6.4	5.4	5.3	4.3	6.5	6.0
BAR LP 6158	6.1	6.2	5.8	6.8	6.5	5.3	4.9	4.5	3.8	4.4	4.4	6.5	5.8	4.9	4.4	6.3	5.0
BAR LP 6159	6.3	5.9	6.3	6.8	6.6	5.1	5.6	5.2	3.8	5.1	4.4	6.4	5.2	5.7	4.3	6.1	5.2
BAR LP 6162	6.0	5.1	6.0	7.1	6.0	4.9	4.3	2.3	3.8	4.1	2.9	6.4	4.9	4.3	4.3	7.1	4.9
BAR LP 6164	7.0	6.2	6.4	7.2	6.4	5.5	5.4	5.4	3.8	4.8	4.7	6.8	5.6	5.1	5.3	6.6	5.1
BAR LP 6165	6.1	4.7	6.6	6.4	6.1	5.0	4.7	3.8	3.5	5.0	3.8	6.6	5.8	4.4	3.5	7.1	4.9
BAR LP 6233	5.9	5.8	6.7	6.8	6.4	5.2	5.2	4.6	4.0	5.2	4.6	6.5	4.9	4.7	4.3	6.2	5.3
BRIGHTSTAR SLT	5.5	6.1	6.4	7.2	6.1	5.4	5.5	4.5	3.6	5.0	3.3	6.4	4.9	4.7	4.6	5.9	5.0
BSP-17	5.4	6.3	6.3	7.2	6.1	5.8	5.3	5.5	4.0	4.2	4.2	7.0	4.9	6.4	4.9	4.7	5.0
BSP-25	5.8	5.7	6.0	7.5	6.3	6.2	5.4	3.8	3.5	4.0	4.4	7.0	5.2	5.4	5.0	6.3	5.7
BWH	5.3	6.4	6.4	7.4	6.3	5.8	5.4	3.7	3.2	4.7	3.7	7.0	5.0	5.9	4.2	5.3	4.7
CPN	6.3	6.7	6.8	7.3	6.7	6.3	5.3	5.9	3.9	5.7	5.9	7.3	5.7	5.4	4.2	6.6	5.9
CS-6	6.0	5.8	5.9	7.3	6.6	5.7	5.4	5.3	3.8	4.0	4.5	6.8	5.2	5.6	4.9	6.0	5.7
DERBY XTREME	5.6	6.8	5.9	7.2	6.6	6.1	5.3	4.8	3.9	5.0	5.3	7.2	5.9	5.4	3.5	6.2	5.5
DLFPS-236/3538	5.6	6.8	6.6	7.0	6.9	5.8	5.6	5.4	4.7	5.1	5.5	7.1	5.7	5.4	5.0	6.9	6.0
DLFPS-236/3540	6.4	7.2	6.7	7.4	6.9	6.0	5.6	5.4	3.8	5.6	6.2	7.2	6.0	5.6	5.2	6.3	6.1
DLFPS-236/3541	6.4	6.4	5.5	6.9	6.9	5.8	5.2	5.4	3.7	5.3	6.5	7.4	6.4	6.0	4.7	6.4	5.4
DLFPS-236/3542	6.4	6.9	6.6	7.6	6.7	5.6	5.3	4.8	4.3	5.1	6.3	7.5	6.1	6.3	5.4	6.5	5.0
DLFPS-236/3543	5.9	7.1	6.4	7.1	6.9	5.9	5.6	5.7	4.3	5.4	6.2	7.3	5.8	5.9	4.9	6.3	5.4
DLFPS-236/3544	6.1	6.2	6.7	7.6	6.8	6.5	5.2	5.3	4.3	5.4	5.6	7.4	6.0	5.3	5.2	6.8	5.4
DLFPS-236/3545	6.2	6.6	6.0	7.2	6.8	6.2	5.2	4.8	4.0	5.4	5.9	7.4	5.6	5.5	4.4	7.0	6.8
DLFPS-236/3546	5.6	7.0	5.6	7.3	6.9	6.4	5.5	5.8	4.3	5.0	6.3	7.0	5.2	5.3	3.9	6.4	6.2
DLFPS-236/3547	6.0	6.9	6.4	7.5	7.2	6.6	5.1	5.3	4.3	4.9	6.4	7.3	5.6	5.4	5.1	6.5	5.5
DLFPS-236/3548	6.2	6.8	6.3	7.5	6.9	5.8	5.6	4.7	4.0	4.3	6.3	7.4	5.8	5.4	3.7	6.8	6.1
DLFPS-236/3550	6.6	6.5	6.0	7.2	6.6	6.0	5.6	4.9	3.6	5.1	5.8	7.3	6.1	5.9	4.5	6.4	6.0
DLFPS-236/3552	6.3	6.7	6.0	7.2	6.9	6.0	5.6	4.5	4.5	5.4	5.6	7.3	6.2	5.6	3.5	6.8	5.3
DLFPS-236/3553	6.1	6.6	6.1	7.0	7.0	5.8	5.2	5.6	4.5	5.0	5.5	7.3	5.9	5.3	4.6	6.5	6.4
DLFPS-236/3554	6.6	7.1	6.9	7.6	7.1	5.9	5.3	5.9	4.2	5.4	5.8	7.1	5.7	6.2	5.5	7.1	6.2
DLFPS-236/3556	5.7	7.2	5.9	7.5	6.9	6.3	5.7	6.1	3.5	5.1	6.2	7.2	5.6	5.0	5.0	6.3	6.0
DLFPS-238/3014	5.0	5.6	6.3	6.7	6.0	5.0	4.3	3.4	4.3	4.2	3.2	6.7	5.0	4.7	4.1	6.5	6.2

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NAME	CA7	CT1	IA1	IL1	KY1	MA1	MI1	MN1	MO1	NE1	NJ2	OR1	OR2	UT1	UT2	VA1	WI1
EVOLVE	5.6	6.3	5.6	6.9	6.2	5.6	5.5	4.9	3.8	4.9	4.4	6.8	5.6	4.8	4.0	6.7	5.7
FP2	6.1	6.8	6.5	6.7	6.7	6.3	5.3	5.8	4.6	5.6	6.0	7.3	6.1	5.6	4.6	6.9	5.9
GO-141	6.0	6.3	5.8	7.0	6.3	5.3	5.3	4.9	3.9	4.9	3.9	6.7	5.4	5.4	4.2	6.3	5.8
GO-142	6.4	5.9	5.4	7.2	6.5	5.5	4.8	4.4	3.8	4.7	4.5	6.8	5.3	4.6	4.2	6.1	5.7
GO-143	6.4	6.1	5.6	7.4	6.5	5.7	4.6	4.3	3.8	4.6	4.2	6.9	5.2	5.2	3.3	6.1	4.6
GRAND SLAM GLD	6.3	6.7	6.8	7.1	6.8	6.0	5.6	5.3	3.8	4.9	5.3	7.1	5.7	5.1	4.6	6.5	5.6
GRAY HAWN (PST-2FIND)	6.8	6.9	6.6	7.1	6.4	5.4	5.4	6.3	4.1	5.0	5.2	7.3	5.7	5.5	4.9	5.8	6.0
GRAY WOLF (PST-2GAL)	6.7	7.2	6.9	7.1	6.8	5.6	5.3	4.6	4.1	5.3	5.9	7.0	5.6	5.9	5.0	6.8	5.3
INTENSE	6.1	6.8	6.1	7.2	6.5	6.5	5.0	5.0	3.7	5.3	6.2	7.3	5.8	5.3	5.0	6.4	6.0
JR-123	6.2	7.0	5.6	6.9	6.8	6.3	5.1	5.5	4.7	4.9	5.7	7.2	5.6	5.5	4.4	6.1	5.0
JR-197	5.9	6.6	6.3	7.3	6.7	6.3	5.4	5.4	4.2	5.6	6.0	7.3	5.2	5.0	5.0	6.0	6.0
JR-747	5.2	6.1	5.4	6.2	6.6	5.3	4.9	5.2	2.9	5.1	4.0	7.1	5.4	6.0	4.9	5.8	5.5
JR-888	6.1	6.3	5.6	6.9	6.2	5.2	5.6	5.6	3.8	5.6	4.2	6.7	5.0	5.2	4.6	6.0	6.4
KARMA	5.8	6.2	5.8	7.1	6.7	5.5	4.9	4.5	4.1	5.0	5.7	6.9	5.3	4.7	4.3	6.2	5.2
LINN	5.5	4.1	5.3	2.8	3.1	3.3	3.2	1.4	2.9	3.0	1.0	5.9	4.6	2.9	3.0	4.5	3.4
LPB-SD-101	6.5	6.3	5.9	6.9	6.6	5.3	5.4	5.4	3.4	5.6	3.8	7.1	5.9	5.4	4.7	5.8	6.0
LPB-SD-102	6.3	6.5	6.8	6.8	6.8	5.6	5.6	6.2	3.3	5.8	4.4	7.4	6.2	5.7	5.0	5.1	5.7
LPB-SD-103	5.5	5.9	6.4	7.2	6.4	5.6	4.9	4.9	3.3	5.0	4.5	7.1	5.4	6.0	4.8	5.1	5.7
LPB-SD-104	5.4	5.9	5.6	5.9	6.6	5.6	5.4	4.9	3.5	4.9	4.5	7.2	5.8	5.2	5.1	5.3	5.6
LPB-SD-105	5.4	6.1	6.6	6.5	5.9	5.6	5.5	5.3	3.3	5.8	3.7	7.1	5.7	5.6	4.8	4.9	6.6
LTP-FCB	6.3	7.1	6.9	7.3	7.1	5.6	5.6	5.4	4.5	5.0	7.3	7.3	5.9	5.7	4.2	6.2	6.2
MAN O WAR	7.0	6.7	6.5	7.2	6.5	6.0	5.4	5.3	3.8	4.8	5.7	7.4	6.1	4.6	4.3	6.1	5.8
MENSA	6.2	6.2	5.8	7.3	6.9	5.6	5.5	5.0	3.5	5.1	4.8	7.2	5.8	5.3	5.1	5.3	5.6
MRSL-PR15	5.8	6.6	6.3	7.3	6.4	5.8	5.3	4.3	3.8	4.4	4.3	6.8	5.4	5.0	4.7	5.8	5.9
MRSL-PR16	6.4	5.7	6.4	7.8	6.4	5.7	5.2	4.9	3.4	4.5	4.5	6.7	5.0	5.6	4.7	6.4	5.0
NP-2	5.9	7.2	6.4	7.4	6.7	6.3	5.9	6.1	4.0	5.4	6.9	7.3	5.9	6.1	5.0	6.3	6.0
NP-3	5.9	6.9	6.3	7.4	6.5	6.1	5.7	5.5	4.0	4.6	6.4	7.3	5.8	6.0	4.9	6.5	6.3
OVERDRIVE 5G	6.3	7.0	6.4	7.2	6.7	5.7	5.1	5.7	4.0	5.4	5.9	7.3	5.9	5.4	4.6	6.5	6.2
PHARAOH	6.4	7.2	6.4	7.2	6.7	6.5	5.4	4.3	4.0	5.2	5.8	7.3	5.8	5.4	4.8	6.3	6.0
PL2	6.0	7.6	6.1	7.7	7.0	6.2	5.5	6.0	4.2	5.0	6.0	7.1	5.8	5.1	4.1	6.4	6.0
PPG-PR 241	6.1	6.5	6.2	7.2	6.8	5.8	5.3	5.5	3.8	5.5	6.0	7.4	5.8	5.8	5.1	6.2	6.0
PPG-PR 329	5.9	6.8	6.0	7.1	6.9	6.1	5.6	5.4	4.1	5.6	6.0	7.0	5.8	5.7	4.4	6.2	6.0
PPG-PR 331	6.4	7.5	6.4	7.4	6.9	6.6	5.8	6.2	4.1	5.0	6.1	7.2	5.9	6.0	4.9	6.4	6.3
PPG-PR 339	6.9	6.7	6.1	7.6	6.8	6.1	5.7	5.7	4.1	4.9	5.7	7.4	5.6	5.4	4.8	6.0	6.0
PPG-PR 343	6.4	6.5	6.4	7.6	6.9	6.2	5.4	5.2	3.7	5.0	6.3	7.3	6.2	5.9	4.8	7.0	5.9
PPG-PR 360	5.5	7.1	6.4	7.2	6.8	5.9	5.2	5.3	4.2	5.0	6.3	7.2	5.7	6.1	4.9	6.3	6.0
PPG-PR 367	6.3	6.7	6.1	6.7	6.9	6.0	5.5	5.4	3.7	5.0	5.5	7.3	5.7	5.7	4.5	6.6	6.2
PPG-PR 370	6.5	7.4	6.3	6.7	7.0	5.6	5.4	5.0	4.1	5.2	6.0	7.1	5.4	6.1	5.1	6.7	6.0
PPG-PR 371	6.8	6.7	6.4	7.3	7.0	5.8	5.3	4.3	4.4	5.5	6.4	7.2	5.6	6.0	4.1	6.8	5.8
PPG-PR 372	6.5	7.4	6.8	7.1	7.0	6.0	5.5	6.3	4.0	5.3	6.1	7.4	5.9	5.5	4.7	6.7	5.8
PPG-PR 385	5.8	6.5	6.4	7.4	6.6	6.1	5.1	4.4	3.8	4.6	5.6	6.9	5.1	5.5	4.7	6.6	5.9
PPG-PR 419	6.3	7.1	6.0	7.2	7.2	5.7	5.4	5.8	4.3	5.6	6.2	7.1	5.4	6.1	4.4	6.8	6.0
PPG-PR 420	6.2	7.6	6.8	7.6	6.9	5.8	5.4	5.5	4.2	5.1	6.3	7.3	5.7	5.1	5.0	7.0	5.6
PPG-PR 421	6.5	6.9	6.3	7.4	7.2	6.5	5.2	5.6	3.8	5.2	6.3	7.2	5.8	5.7	5.1	6.8	6.1
PPG-PR 422	6.7	7.6	6.4	7.5	6.8	6.2	5.2	5.7	4.3	5.0	5.9	7.4	6.1	5.4	4.7	6.1	6.0

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TABLE 1. (CONT'D)

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NAME	CA7	CT1	IA1	IL1	KY1	MA1	MI1	MN1	MO1	NE1	NJ2	OR1	OR2	UT1	UT2	VA1	WI1
PPG-PR 423	5.1	7.3	6.5	7.7	6.7	5.9	5.7	5.3	3.7	5.5	6.5	7.2	5.1	5.8	5.1	6.5	7.0
PPG-PR 424	6.2	7.1	6.3	7.6	7.1	6.8	5.3	5.9	4.2	5.3	6.6	7.4	6.1	5.8	4.5	6.7	6.7
PR-5-16	6.3	7.1	6.3	7.2	7.0	5.7	5.3	5.7	4.3	5.1	5.3	7.0	5.9	5.3	4.7	6.8	6.4
PR-6-15	6.1	6.7	6.1	7.4	6.8	6.3	5.9	5.7	3.8	5.3	5.9	7.3	5.8	5.3	4.3	6.3	6.0
PST-2A2	6.5	6.9	5.8	7.4	6.9	6.2	5.7	5.1	3.5	4.7	5.9	7.3	6.0	4.9	4.8	6.5	6.4
PST-2BDT	5.4	6.1	6.1	6.9	7.0	6.1	5.4	4.8	3.8	5.9	5.5	7.1	5.9	4.9	4.2	6.0	5.3
PST-2EGAD	6.1	6.7	6.9	7.4	6.5	5.6	5.1	5.1	4.4	5.2	5.0	7.0	6.1	5.6	4.4	6.6	5.7
PST-2FOXY	5.9	6.3	6.3	7.7	6.8	6.0	5.2	5.0	4.5	5.0	5.4	7.3	5.9	5.0	4.5	6.5	6.3
PST-2GTD	6.6	6.8	6.6	7.4	6.6	5.8	5.6	4.3	4.1	5.2	5.4	7.2	5.8	5.4	4.3	6.6	5.2
PST-2MAY	6.5	6.3	6.8	7.5	6.5	6.1	5.2	4.3	4.1	4.9	5.6	7.2	5.8	6.4	5.0	5.9	5.6
PST-2PDA	6.5	6.7	6.0	6.8	6.6	6.0	5.5	4.8	3.9	5.0	5.3	6.9	5.8	4.9	4.7	6.4	5.4
RAD-PR 103	5.8	5.8	6.4	7.9	6.6	5.3	5.3	4.0	4.1	4.5	5.0	7.1	5.1	6.4	4.3	6.8	5.4
RAD-PR 112	6.3	6.2	6.3	7.8	6.6	6.0	4.7	5.2	3.7	4.1	4.9	7.3	5.4	6.0	4.9	6.3	5.1
RRT	5.9	6.9	6.5	6.9	6.8	5.8	5.6	4.8	4.0	5.4	6.3	7.3	5.8	5.8	4.6	6.3	6.1
SAGUARO	5.4	6.1	6.0	6.9	6.4	5.4	5.5	5.5	3.2	5.3	4.6	6.9	5.7	5.7	4.9	6.1	5.6
SAVANT	6.8	6.5	6.1	6.9	6.4	5.1	5.6	3.6	3.5	5.7	4.0	7.1	5.7	6.0	5.2	5.6	6.6
SEABISCUIT	6.5	6.9	6.6	7.4	6.7	5.8	5.7	4.7	3.8	4.7	5.6	7.3	6.0	4.9	4.5	6.5	6.0
SIGNET	6.3	6.9	5.9	7.2	6.8	5.7	5.7	5.3	3.7	5.0	6.1	7.0	5.2	5.4	4.8	6.5	5.8
SILVER SPORT (PST-2CRP)	6.1	6.4	6.9	6.9	6.9	6.0	5.7	5.1	4.0	5.5	6.3	6.9	5.2	5.8	5.4	6.9	6.2
SNX	5.9	6.1	6.5	7.6	6.6	6.2	5.2	4.1	3.9	4.1	4.4	7.0	5.0	5.8	5.0	6.3	5.4
SR 4650	5.5	6.9	6.0	6.8	7.0	5.8	5.3	5.4	3.5	5.4	5.7	7.1	5.0	5.6	4.0	6.7	6.2
UF3	6.2	7.1	5.9	7.1	6.6	5.7	5.2	5.6	4.0	4.8	5.8	7.2	5.7	5.4	4.7	5.7	5.3
UMPQUA	6.2	6.6	6.9	7.4	6.8	5.7	5.5	5.4	3.7	4.6	5.6	7.2	5.9	5.4	4.2	6.8	6.0
XCELERATOR	6.0	7.6	6.1	7.6	6.9	6.1	5.6	5.5	3.9	5.2	6.0	7.2	5.3	6.0	4.0	6.3	6.2
LSD VALUE	1.1	0.9	1.0	0.7	0.4	0.7	0.7	1.5	0.7	0.7	0.7	0.3	0.7	0.8	0.9	1.1	1.3
C.V. (%)	10.9	9.0	10.0	6.3	4.2	7.4	7.7	18.1	10.9	8.9	8.4	3.0	8.1	9.5	12.7	10.6	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.

PRELIMINARY DATA - NOT FOR PUBLICATION

TABLE 2. MEAN TURFGRASS QUALITY RATINGS OF ST. AUGUSTINEGRASS CULTIVARS  
GROWN AT SIX LOCATIONS IN THE U.S. 1/  
2017 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/					
	AL1	FL4	MS1	NC1	TX1	TX2
DALSA 1316	6.9	7.7	6.2	4.7	6.0	5.8
DALSA 1323	5.5	7.1	5.9	4.5	6.3	5.8
DALSA 1404	7.8	7.2	5.9	4.9	7.0	6.3
DALSA 1501	7.4	7.4	6.5	4.9	6.2	6.7
DALSA 1502	7.7	7.4	6.5	5.1	7.0	6.3
DALSA 1618	7.1	7.7	6.1	4.8	7.0	6.5
DALSA 1623	7.6	7.2	6.1	5.1	6.9	6.2
FLORATAM	5.8	6.3	5.2	4.5	5.7	6.5
FSA 1601	5.0	6.8	6.8	6.3	6.4	7.3
FSA 1602	5.5	7.3	5.8	3.5	6.0	6.1
FSA 1603	5.2	5.8	6.3	2.7	6.2	6.6
FSA 1604	6.4	6.8	6.6	5.8	6.7	6.8
FSA 1605	6.3	6.9	6.7	5.4	6.0	6.4
FSA 1606	7.0	7.2	6.7	5.4	6.3	6.4
FSA 1607	6.1	6.3	6.4	3.2	6.6	6.8
FSA 1608	5.8	6.8	6.4	6.0	6.3	6.2
FSA 1609	6.2	6.7	6.3	4.9	6.1	6.3
FSA 1610	5.9	7.2	6.2	5.2	6.2	6.8
FSA 1611	5.2	6.9	6.0	5.3	4.0	5.8
FSA 1612	5.2	7.2	5.5	4.9	4.1	5.9
FSA 1613	6.0	6.9	6.6	5.0	5.7	6.6
FSA 1614	5.8	7.2	5.9	4.8	5.3	6.3
PALMETTO	5.9	7.4	6.5	5.6	5.7	6.2
RALEIGH	5.0	7.5	6.3	5.8	5.8	6.3
UGA/TX SA26	6.1	7.2	6.4	5.8	6.0	6.6
XSA10403	6.3	7.8	6.5	6.5	5.1	5.4
XSA11168	5.3	7.8	5.8	6.2	4.5	5.7
LSD VALUE	1.2	0.5	0.5	1.2	0.6	0.7
C.V. (%)	12.0	4.1	5.0	15.0	6.0	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.

PRELIMINARY DATA - NOT FOR PUBLICATION

TABLE 3. MEAN TURFGRASS QUALITY RATINGS OF SEASHORE PASPALUM CULTIVARS  
GROWN AT SIX LOCATIONS IN THE U.S. 1/  
2016-17 DATA

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

NAME	AL1	AR1	CA3	MS1	OK1	TX2
SALAM	5.6	6.7	6.2	6.8	5.8	6.1
SEA ISLE 1	5.7	6.3	5.8	6.5	6.1	6.3
SEASTAR	5.0	7.6	5.7	6.4	5.8	6.8
UGA 1743	4.6	8.7	5.8	6.1	6.0	6.5
UGA HYB2	5.2	6.7	5.5	5.6	5.8	6.0
UGA SR14-1E	5.3	5.7	5.3	5.5	5.6	5.9
UGA SR15-14	4.8	7.7	5.8	5.8	5.6	6.7
UGA SR15-15	4.1	8.2	6.0	6.5	6.1	6.8
UGP 73	5.5	8.4	6.0	6.7	6.2	7.1
UGP 94	6.0	7.5	5.7	6.6	5.6	6.2
LSD VALUE	0.7	0.9	0.5	0.5	0.6	0.5
C.V. (%)	8.3	7.7	7.6	5.4	9.3	4.6

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

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

PRELIMINARY DATA - NOT FOR PUBLICATION

TABLE 4.

MEAN TURFGRASS QUALITY RATINGS OF COOL-SEASON CULTIVARS  
GROWN UNDER LOW INPUT AT FIFTEEN LOCATIONS IN THE U.S.  
2017 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF														
	CT1	CT2	IN1	IN2	MD1	MI1	MN1	MO1	MO2	NC1	NE1	OR1	PA2	UT1	VA1
A-SFT	4.9	5.6	6.4	6.8	3.1	4.1	3.2	4.9	5.6	2.6	3.9	5.1	3.5	4.0	6.1
BEWITCHED	4.4	4.1	6.3	6.6	2.3	3.6	2.1	4.8	6.0	1.6	3.8	3.2	3.0	2.9	4.9
BGR-TF3	5.8	5.5	6.7	6.6	4.9	4.5	3.3	5.7	5.6	3.4	4.0	5.2	4.1	3.5	6.2
BULLSEYE	6.1	6.7	6.5	6.7	4.6	4.5	4.0	5.8	6.2	3.6	4.3	5.3	4.4	4.3	6.7
CHANTILLY	4.0	4.8	6.4	6.4	4.6	4.6	4.9	5.6	5.1	2.4	3.7	4.8	3.1	3.0	5.4
CRS MIX #1	6.2	6.4	6.8	4.7	5.7	6.5	5.5	6.0	6.5	2.5	3.7	3.8	3.6	3.8	7.0
CRS MIX #2	6.3	6.4	6.7	5.9	5.8	6.7	4.5	6.0	5.8	2.9	4.0	3.7	3.9	3.7	6.9
CRS MIX #3	7.0	7.2	3.9	3.6	5.6	6.6	2.1	5.7	5.8	3.9	3.7	4.3	4.1	3.6	7.4
CS MIX	5.2	5.9	6.4	6.3	4.3	6.1	4.9	5.7	5.9	2.0	3.6	4.3	3.1	3.5	6.4
DLFPS CHCRM	6.3	6.4	6.1	5.4	5.2	4.8	4.1	6.3	6.5	3.3	4.0	5.1	4.0	3.4	6.4
DLFPS CHCRSH	4.4	5.6	6.3	6.4	4.9	5.7	5.1	5.9	6.1	2.3	4.0	4.6	3.4	3.8	5.9
DLFPS SHHM	5.0	5.9	4.3	4.1	4.7	6.5	1.3	4.3	5.5	3.3	4.1	4.3	3.3	3.6	6.5
DLFPS TF-A	6.8	6.9	6.9	6.8	4.2	4.8	3.7	5.9	6.3	3.2	3.9	5.1	4.6	3.7	6.4
DLFPS TFAM	7.4	7.5	5.4	5.9	5.5	5.3	1.4	6.0	6.6	4.4	3.9	5.0	4.3	3.9	7.4
DLFPS TFASTC	7.1	6.8	6.4	6.5	4.8	5.1	4.1	6.0	6.5	3.9	4.1	5.0	4.5	4.0	7.0
DTT TALL FESCUE MIX	6.3	5.6	6.7	6.6	4.5	4.4	4.0	5.0	5.9	2.4	3.8	4.7	3.7	4.0	6.6
DTTHO TF/KBG MIX	6.0	6.4	6.8	6.8	4.0	5.2	4.1	5.7	6.5	2.8	4.0	5.2	3.9	4.7	6.6
DUTCH WHITE CLOVER	3.8	3.9	4.2	4.0	1.8	5.4	1.1	3.2	2.6	2.8	4.0	3.9	2.7	3.8	4.7
KENBLUE	2.4	3.3	6.0	6.2	3.1	5.2	3.6	5.4	5.7	3.3	4.0	3.1	2.7	3.0	6.4
KINGDOM	6.2	5.9	6.7	7.3	3.4	4.3	4.7	5.9	5.8	2.8	3.9	5.1	3.3	4.7	6.1
KY-31 E+	4.6	5.2	6.2	6.5	3.0	5.8	3.7	4.8	4.8	3.0	4.0	5.1	3.7	3.9	5.7
MNHD-15	5.9	6.3	6.8	5.6	5.3	6.5	5.1	5.8	6.0	2.1	4.2	3.5	3.4	4.5	6.8
NATURAL KNIT ® PRG MIX	4.3	4.7	5.4	5.3	2.3	3.8	1.5	5.0	4.9	1.8	3.8	4.5	3.2	3.5	5.0
NORTHERN MIXTURE	4.2	4.9	6.4	6.4	4.4	4.5	5.5	5.0	5.7	2.3	3.8	4.9	3.4	3.5	5.4
QUATRO	5.1	4.4	5.3	5.0	3.5	6.6	2.7	4.7	5.0	1.8	4.1	4.0	3.1	3.4	6.0
RADAR	4.4	5.5	6.3	6.6	5.8	5.0	5.3	6.5	6.4	2.2	3.7	4.7	4.1	3.8	5.8
RESOLUTE (7H7)	6.1	5.7	5.9	5.7	4.6	6.3	4.4	5.5	5.6	2.2	3.5	3.5	3.2	4.1	6.9
SOUTHERN MIXTURE	6.1	6.0	6.6	6.9	4.3	5.1	4.3	5.0	6.3	2.9	3.5	4.6	4.1	4.6	5.5
SPARTAN II	5.4	6.0	6.0	6.1	5.3	6.9	3.9	5.2	5.5	2.7	3.6	4.1	3.2	3.6	6.5
VITALITY DOUBLE	5.8	6.3	6.9	6.7	5.2	4.9	4.5	5.8	6.0	3.4	4.1	5.0	4.5	4.5	7.1
VITALITY LOW	5.7	6.1	6.6	7.0	5.6	6.3	4.9	6.5	6.5	2.4	3.8	4.2	3.6	4.0	5.9
YAAK	6.7	6.7	6.5	6.7	2.8	3.4	5.3	5.1	5.0	3.3	3.6	4.9	3.1	5.6	7.2
LSD VALUE	0.9	0.9	0.7	0.7	0.9	0.8	1.1	0.9	0.8	1.1	0.6	0.5	0.9	0.7	0.9
C.V. (%)	10.2	9.5	7.2	6.8	13.0	9.3	17.9	9.9	9.1	25.0	9.8	6.4	15.0	11.6	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.

PRELIMINARY DATA - NOT FOR PUBLICATION

TABLE 5. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON A FAIRWAY OR TEE AT THIRTEEN LOCATIONS IN THE U.S. 1/ 2017 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/												
	IA1	IL1	IN1	KS1	KY1	MA1	MD1	MI1	MO1	ND1	NJ1	UT1	WA1
007	6.0	7.5	6.4	5.8	7.7	5.3	6.4	6.5	5.7	6.1	6.4	4.8	6.4
ARMOR	6.3	7.7	7.2	5.7	7.7	5.3	4.3	6.3	5.5	5.9	3.8	5.9	6.9
BARRACUDA	6.3	7.3	6.7	5.6	7.8	4.9	6.9	6.8	5.9	5.9	6.4	5.1	5.9
CHINOOK (H10G-OP)	7.0	7.2	6.8	6.1	7.8	5.3	7.3	6.9	5.1	6.1	7.2	5.2	6.0
CRYSTAL BLUE LINKS	6.8	7.6	6.5	6.2	7.6	4.5	5.4	6.5	5.8	6.2	5.3	5.6	6.2
DLFPS-AT/3026	5.6	6.7	5.9	5.8	7.2	5.9	6.4	6.1	5.2	5.9	6.7	6.0	5.1
GREENTIME	6.4	7.1	5.4	5.9	7.2	5.1	3.5	6.4	3.4	5.7	5.1	4.2	5.1
KINGDOM	6.3	8.0	6.5	5.4	7.4	5.6	4.5	6.4	5.8	6.5	4.2	5.9	7.4
L-93XD	5.7	7.2	6.7	6.3	7.4	5.5	7.3	5.8	5.3	6.1	6.2	4.2	6.1
MUSKET (PPG-AT 104)	5.5	6.6	6.2	5.7	7.5	6.0	6.5	5.9	5.0	6.1	6.4	6.2	4.7
NIGHTLIFE	6.7	7.9	7.5	5.6	7.7	5.5	5.6	6.5	5.7	5.9	4.4	6.1	7.1
PC2.0 (PST-OCV6)	6.3	7.6	7.3	5.5	7.4	5.1	5.2	6.6	5.9	6.1	4.3	5.0	6.2
PENNCROSS	6.5	7.2	5.9	5.8	7.2	3.7	3.0	5.7	3.5	6.1	3.5	4.6	4.9
PIRANHA (DC-1)	6.0	7.3	6.5	5.7	7.7	5.8	7.5	5.9	5.8	6.2	7.7	5.5	6.4
PST-ORBS	6.4	7.1	6.6	5.1	7.4	4.9	4.1	6.4	5.9	6.3	4.2	5.0	6.3
SHARK	6.1	7.3	6.4	5.8	7.5	5.1	6.6	6.8	5.2	6.5	6.4	5.3	6.1
V-8	6.7	7.2	6.8	5.8	7.4	5.2	5.7	6.6	5.8	5.8	6.6	5.2	6.0
LSD VALUE	0.9	0.4	0.7	1.3	0.3	0.4	0.6	0.6	1.0	0.4	1.1	0.9	0.4
C.V. (%)	9.0	3.7	6.4	13.8	2.8	4.6	7.0	5.4	11.9	3.8	11.8	10.8	3.7

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

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

PRELIMINARY DATA - NOT FOR PUBLICATION

TABLE 6.

MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON  
A GREEN AT FOURTEEN LOCATIONS IN THE U.S. 1/  
2017 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/													
	IA1	IL4	IN1	KS1	KY1	MA1	MI1	MN1	MO1	NC1	NJ1	UT1	UT2	VA1
777 (DLFPS-AP/3054)	7.2	5.1	6.5	6.8	7.2	5.3	7.2	5.6	5.2	7.8	5.5	6.5	5.7	6.8
ARMOR	6.0	4.3	6.9	5.6	6.6	4.5	5.7	4.5	3.8	7.7	4.1	6.4	5.5	5.9
BARRACUDA	7.5	4.3	6.2	6.7	7.1	5.0	6.8	6.5	6.3	7.8	4.9	5.9	5.2	6.9
DECLARATION	6.2	3.8	6.3	6.9	7.1	4.3	5.9	6.4	5.6	7.9	6.1	5.3	4.8	7.0
DLFPS-AP/3018	6.4	4.3	7.0	7.6	7.1	6.0	7.3	5.5	5.5	8.0	6.3	6.4	5.7	6.7
DLFPS-AP/3056	7.1	4.8	6.7	6.3	7.1	5.0	7.2	5.9	5.7	7.7	5.2	6.3	5.2	6.6
DLFPS-AP/3058	7.6	4.4	6.6	7.4	7.2	5.1	6.7	6.3	6.6	7.8	4.8	6.6	6.0	7.0
DLFPS-AP/3059	6.3	4.7	6.7	6.7	6.6	4.6	6.6	5.4	5.3	7.7	5.0	5.4	4.9	6.7
KINGDOM	5.5	3.8	7.0	6.4	6.8	5.0	5.5	5.2	5.5	7.5	5.3	6.6	5.8	6.5
L-93 XD	7.1	3.7	6.5	6.4	7.5	5.9	7.3	6.4	6.3	7.8	6.9	6.3	5.2	7.0
LUMINARY	7.0	4.3	6.8	6.2	7.2	5.2	6.9	5.7	5.6	7.9	5.7	5.3	4.6	6.7
NIGHTLIFE	6.3	4.5	7.0	6.7	6.8	4.8	5.9	5.3	5.5	7.7	5.3	6.7	5.4	6.4
PENN A-1	6.0	4.7	6.5	6.6	6.6	4.3	6.2	5.3	5.3	7.9	3.6	5.0	4.9	6.7
PENNCROSS	4.9	4.3	5.8	5.9	5.1	3.2	4.5	2.8	2.8	5.7	1.4	2.9	2.4	6.4
PIRANHA (DC-1)	8.0	4.6	7.0	5.6	7.6	5.3	7.2	5.9	6.0	8.0	6.8	6.1	5.7	7.0
PST-ROPS	7.0	4.6	7.2	6.4	7.5	6.0	7.4	5.1	5.5	7.7	5.0	6.9	5.7	6.5
PURE SELECT	7.2	4.5	7.4	6.9	6.9	5.3	7.2	4.7	5.5	7.7	4.5	6.5	5.8	6.2
SHARK	6.8	4.6	7.0	6.2	6.8	4.6	6.7	5.2	5.5	7.9	4.5	5.9	5.0	6.6
TOUR PRO (GDE)	7.0	5.3	6.3	6.7	7.5	5.3	7.2	6.1	5.8	7.8	4.8	6.3	5.1	7.0
V-8	6.6	4.6	7.4	6.7	7.1	4.8	6.9	6.0	5.9	7.8	5.7	6.2	5.7	6.7
LSD VALUE	0.8	1.3	0.9	1.2	0.4	0.4	0.4	0.5	0.8	0.2	1.3	0.7	1.0	0.3
C.V. (%)	7.2	18.8	8.1	11.8	3.3	5.2	3.9	5.3	8.8	1.9	15.3	7.5	11.9	2.6

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 7.

MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS  
GROWN AT TWENTY-ONE LOCATIONS IN THE U.S.  
2017 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	QE1
7C34	5.8	5.1	4.2	6.4	5.5	5.2	2.5	5.7	5.0	5.2	5.2	4.7	4.8	4.4	4.6	6.0	8.2	2.8	6.5	5.7	4.6
BAR 6FR 126	5.7	4.2	3.0	6.1	5.1	5.3	3.0	5.1	4.8	5.0	7.2	5.0	5.8	4.5	2.4	6.0	.	3.0	6.3	5.7	5.7
BAR FRT 5002	5.9	4.3	3.2	6.0	4.7	4.5	2.3	5.7	4.3	4.1	7.1	5.1	5.6	3.1	.	6.2	2.9	3.0	6.4	5.6	4.9
BAR VV-VP3-CT	7.3	6.8	3.4	7.5	5.7	5.8	3.0	5.1	5.4	5.3	6.5	5.4	5.4	4.6	4.4	5.8	2.7	3.8	6.3	5.3	5.7
BEACON	4.7	3.1	3.5	6.5	5.1	6.4	5.5	6.3	5.6	5.6	6.4	6.6	4.8	2.9	2.5	5.9	7.9	5.0	6.6	5.5	6.6
BEUDIN	5.2	4.1	2.7	6.6	4.5	4.3	3.0	6.0	4.3	4.3	6.1	5.4	5.6	3.5	2.3	6.3	3.7	2.7	6.6	5.8	4.8
BOREAL	4.6	4.1	3.2	5.4	4.3	4.6	2.6	5.2	4.1	4.2	4.0	4.1	3.6	4.1	2.4	5.9	5.0	2.5	6.1	5.2	3.7
C14-OS3	7.7	6.8	3.3	7.1	7.0	5.8	4.0	5.7	5.4	5.4	7.8	5.6	6.0	5.0	6.4	5.9	7.6	3.8	6.4	5.6	5.8
CARDINAL II (PPG-FRR 111)	5.2	4.6	4.0	4.7	6.3	5.0	3.2	5.7	5.3	5.3	4.9	4.4	4.2	5.0	6.4	5.7	7.7	3.3	6.6	5.7	4.6
CASCADE	5.3	5.1	3.3	7.5	5.4	4.8	2.8	5.1	4.9	4.9	5.4	4.3	4.8	4.9	5.3	5.4	6.1	3.0	6.0	5.4	4.8
CASTLE (RAD-FC32)	6.9	6.1	4.0	6.6	6.1	6.1	3.1	4.9	4.7	4.9	7.1	5.7	5.8	5.1	4.2	5.6	5.0	3.5	6.2	5.6	5.6
COMPASS II (PPG-FRC 113)	7.3	6.2	3.9	7.4	6.3	5.9	4.2	5.2	5.5	5.6	7.1	5.6	5.6	6.1	5.7	5.5	7.6	4.0	6.6	5.6	5.7
DLF-FRC 3338	7.6	6.0	3.6	7.4	6.6	5.9	4.4	5.7	5.5	5.6	6.6	5.6	5.4	5.3	5.3	5.5	7.3	3.7	6.5	5.6	6.2
DLF-FRR 6162	5.1	5.0	3.7	7.4	5.7	5.0	2.6	5.4	5.2	5.3	4.8	4.4	4.4	4.8	6.8	6.1	7.7	3.5	6.0	5.5	4.9
DLFPS-FL/3060	5.1	3.3	3.3	7.3	5.2	5.5	5.9	6.3	5.8	5.8	6.8	6.9	5.6	3.5	2.4	6.0	7.5	5.3	6.3	5.1	6.7
DLFPS-FL/3066	5.1	3.2	3.5	6.6	5.1	5.8	5.8	6.3	5.6	5.8	6.7	6.6	5.0	3.6	1.0	6.7	7.8	5.3	6.4	5.3	7.1
DLFPS-FRC/3057	7.3	6.4	4.3	7.9	6.3	5.9	4.1	5.6	5.2	5.3	6.9	5.3	5.4	6.0	4.6	5.5	8.3	3.8	6.4	5.6	5.8
DLFPS-FRC/3060	7.1	5.9	3.2	7.3	6.1	5.3	3.8	5.3	5.1	5.1	6.6	5.2	5.3	4.5	3.9	6.0	7.8	3.6	6.2	5.5	5.7
DLFPS-FRR/3068	5.4	4.8	4.1	6.4	5.4	4.9	2.3	5.8	4.6	4.6	5.0	4.4	4.0	4.5	4.9	5.7	7.6	2.9	6.3	5.4	4.3
DLFPS-FRR/3069	4.8	4.3	3.7	4.1	5.4	5.0	2.8	5.7	4.6	4.7	5.0	4.4	4.3	3.9	5.0	5.7	5.9	2.7	6.2	5.3	4.1
GLADIATOR (TH456)	4.9	2.6	4.0	7.4	5.9	5.5	5.4	5.9	5.6	5.6	6.4	6.9	5.0	3.3	3.2	6.6	8.4	5.0	6.6	5.0	6.5
JETTY (PPG-FL 106)	4.4	3.5	4.0	7.7	5.3	6.2	5.9	6.5	5.9	5.8	6.7	6.6	5.1	2.8	1.0	5.9	8.3	5.0	6.5	5.5	6.8
KENT	4.8	4.4	4.0	6.3	5.5	4.8	2.8	5.3	4.4	4.5	4.6	4.1	3.8	3.7	5.4	6.1	5.0	2.3	6.1	5.4	3.8
MARVEL	5.2	4.8	3.9	5.7	5.2	5.0	1.8	5.6	4.8	4.7	4.9	4.4	4.1	3.7	5.4	5.7	4.9	2.7	6.2	5.4	4.6
MINIMUS	3.9	2.7	3.9	7.1	5.0	5.8	5.0	6.2	5.7	5.8	6.0	6.3	4.6	3.3	7.0	5.9	8.1	5.1	6.3	5.4	7.0
MNHD-14	4.8	3.4	3.6	6.5	5.4	5.6	5.9	6.4	5.8	5.9	6.3	5.9	4.8	3.3	1.0	6.5	8.0	5.3	6.0	5.0	6.4
NAVIGATOR II	5.1	4.8	3.7	6.9	5.6	5.0	2.6	5.2	4.4	4.6	4.8	4.2	4.1	4.0	5.3	5.6	7.2	2.5	5.9	5.4	4.1
PPG-FRC 114	7.5	6.3	3.5	6.7	6.2	5.8	4.5	5.0	5.4	5.4	6.2	5.6	5.5	5.6	6.0	5.5	7.0	3.8	6.4	5.6	5.9
PST-4BEN	5.2	4.6	3.9	6.7	5.4	4.8	3.0	5.6	5.1	5.1	4.3	4.4	3.8	4.9	5.5	6.4	7.4	3.5	6.4	5.7	4.9
PST-4BND	3.6	2.4	3.6	7.7	4.5	5.3	4.8	6.3	5.2	5.2	5.0	5.7	4.5	3.1	1.0	6.1	6.7	4.9	6.4	5.0	6.6
PST-4DR4	5.1	4.4	4.0	5.8	5.3	4.8	2.9	5.7	4.8	4.9	4.6	4.4	3.9	4.1	4.5	6.0	6.9	2.6	6.4	5.5	4.9
PST-4ED4	4.8	4.0	4.0	6.0	4.7	4.7	3.4	5.3	5.5	5.6	4.8	4.0	3.6	4.3	2.9	5.4	7.4	3.1	6.1	5.4	4.4
PST-4RUE	4.9	4.1	4.0	5.9	4.7	4.2	2.5	5.4	4.8	5.0	4.2	4.6	3.6	4.5	5.4	6.1	7.1	2.8	6.5	5.3	4.7
QUATRO	4.8	4.7	2.6	6.6	5.0	4.3	3.9	5.9	6.1	6.1	5.4	4.7	4.8	3.1	2.6	6.2	7.5	4.4	6.2	5.3	6.1
RAD-FC44	6.8	5.3	3.5	7.0	6.1	5.5	2.8	5.3	4.9	5.1	7.0	5.3	5.1	5.5	6.1	5.7	3.9	3.6	6.1	5.3	5.7
RAD-FR33R	5.1	4.6	4.3	6.7	5.2	4.5	2.3	5.6	4.7	4.7	4.5	4.3	3.8	4.2	4.9	6.0	5.6	2.5	6.2	5.2	4.4
RAD-FR47	4.8	4.3	4.2	5.7	4.9	4.9	2.1	5.4	4.7	4.7	4.3	4.3	4.3	4.0	3.7	5.9	6.7	2.1	6.3	5.6	4.6
RADAR	7.7	6.7	3.8	6.3	6.4	5.4	4.1	5.2	4.8	4.8	6.8	5.2	5.2	5.7	7.0	5.5	8.1	3.5	6.4	5.9	5.4
RESOLUTE (7H7)	4.8	3.4	3.5	4.8	5.3	5.9	5.9	6.3	6.0	5.9	7.4	6.9	5.7	2.9	1.5	6.3	8.6	5.4	6.6	5.3	6.6
SEABREEZE GT	4.8	4.7	3.3	6.3	5.4	3.9	2.7	5.9	4.7	4.8	5.2	4.6	5.2	3.8	.	5.5	3.9	3.4	6.2	5.6	4.9
SEAMIST (PPG-FRT 101)	6.6	5.9	3.2	7.1	6.6	6.0	3.7	5.7	5.8	5.8	6.8	5.3	6.1	4.7	5.4	5.4	4.1	4.0	6.4	5.5	5.1
SWORD	4.6	3.2	3.3	6.6	5.0	4.6	5.8	5.9	5.9	6.0	6.3	5.9	4.9	3.5	1.0	5.5	7.9	4.9	6.4	5.1	6.9
LSD VALUE	1.0	1.0	0.7	1.0	1.1	0.5	0.7	0.6	0.6	0.6	0.9	0.7	0.7	1.0	2.1	0.2	1.1	0.7	0.5	0.5	0.9
C.V. (%)	10.8	14.1	11.4	9.6	12.5	6.1	12.5	6.4	7.3	7.5	9.6	8.0	9.0	14.7	23.9	2.1	9.4	11.5	4.6	6.0	10.0

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

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

## PRELIMINARY DATA - NOT FOR PUBLICATION

TABLE 8.

TURFGRASS QUALITY RATINGS OF BERMUDAGRASS CULTIVARS  
GROWN AT FIFTEEN LOCATIONS IN THE U.S. 1/  
2017 DATA

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

NAME	AL1	AR1	AZ1	CA3	IN1	KS2	KY1	MD1	M01	MS1	NC1	OK1	TN1	TX2	VA1
11-T-251	5.6	6.1	7.1	6.2	5.3	3.8	7.2	6.1	2.8	6.9	4.7	5.5	6.4	5.5	6.7
11-T-510	7.5	7.0	7.4	6.3	6.0	5.3	7.6	6.6	6.5	7.0	6.1	5.9	6.4	6.8	8.2
12-TSB-1	5.3	5.3	6.6	6.1	.	4.3	6.7	4.6	2.7	6.4	5.1	5.0	6.5	6.7	6.8
ASTRO	4.7	6.8	6.4	6.2	5.0	4.8	7.1	5.8	6.1	6.7	5.0	5.3	6.2	5.8	8.1
BAR C291	3.4	6.1	5.6	5.3	3.9	4.4	6.7	4.1	5.2	6.0	3.8	4.9	6.6	4.9	6.6
CELEBRATION	4.7	5.2	7.1	5.8	.	4.3	7.4	5.6	1.9	6.4	4.8	5.3	6.4	6.4	6.7
FAES 1325	5.7	6.2	7.2	6.3	5.9	5.1	6.9	5.4	2.7	6.4	5.4	5.3	7.2	6.9	7.7
FAES 1326	6.2	7.3	6.6	6.7	5.4	5.2	7.1	6.1	2.7	6.0	3.8	5.0	6.9	6.7	7.9
FAES 1327	6.6	6.3	7.4	6.1	.	5.1	7.3	5.6	2.7	6.7	5.3	5.4	6.3	6.0	7.8
JSC 2-21-1-V	4.1	7.7	6.8	5.9	7.6	5.1	7.6	7.2	6.7	7.0	4.6	5.6	6.6	6.1	8.5
JSC 2-21-18-V	6.3	7.7	6.7	6.4	6.8	5.1	7.5	7.7	7.3	7.0	5.3	5.2	6.5	6.9	8.9
JSC 2007-8-S	3.6	6.3	5.4	5.8	5.9	5.0	6.9	5.8	5.5	6.0	3.0	5.1	6.6	5.3	7.5
JSC 2009-2-S	3.9	6.6	6.0	5.6	5.2	4.6	6.9	6.1	4.8	6.0	4.3	5.0	6.8	5.6	7.3
JSC 2009-6-S	3.7	5.9	6.0	5.8	6.0	4.7	7.1	5.6	4.9	6.3	4.1	5.1	6.4	5.6	7.3
KASHMIR (PST-R6PO)	2.0	5.2	4.9	5.6	6.1	4.2	6.9	3.7	4.6	5.9	3.6	4.8	6.3	5.4	5.8
LATITUDE 36	6.7	7.9	6.9	5.9	8.0	5.2	7.8	7.4	6.5	6.8	5.6	5.9	6.7	5.8	8.9
MBG 002	3.7	6.2	6.8	5.9	5.3	4.8	7.1	4.7	5.5	6.3	4.8	5.3	6.5	5.8	6.5
MONACO (JSC 2007-13-S)	3.8	7.0	5.0	6.1	5.9	4.4	7.1	6.3	5.5	6.1	3.9	5.1	6.5	6.2	7.8
MSB 281	4.0	3.1	5.4	5.6	4.9	2.9	6.8	5.8	5.0	6.6	3.1	5.0	6.4	4.9	6.8
NORTH SHORE SLT	2.9	6.1	5.5	5.4	.	3.9	6.7	3.6	1.5	5.7	2.9	4.8	6.7	5.5	6.7
NUMEX-SAHARA	2.3	5.5	4.5	5.2	5.7	3.8	7.0	3.8	3.5	5.8	2.7	4.7	6.7	4.9	3.6
OKC 1131	7.4	8.2	7.1	6.1	8.2	5.0	7.6	7.6	6.4	6.8	5.2	6.3	6.1	6.4	8.5
OKC 1163	4.1	8.7	7.1	6.3	7.0	4.3	7.4	6.2	7.3	6.3	4.3	5.6	6.0	6.5	7.7
OKC 1302	5.2	6.8	5.7	6.1	6.9	5.4	7.4	7.4	4.0	6.8	5.0	5.9	6.6	5.8	8.7
OKS 2009-3	3.3	6.3	5.2	5.7	4.6	4.1	6.4	4.6	4.7	5.9	3.5	4.8	6.5	5.4	6.7
OKS 2011-1	3.3	6.1	5.3	6.1	5.5	4.9	7.1	5.3	5.3	6.1	3.3	4.9	6.8	4.8	7.5
OKS 2011-4	3.2	6.0	5.2	5.5	5.2	4.3	6.9	4.5	4.8	5.8	3.8	4.7	6.8	5.1	6.6
PATRIOT	5.1	7.7	6.1	5.5	7.2	5.6	7.5	6.6	6.1	6.0	5.5	5.3	6.6	5.3	8.3
PRINCESS 77	4.8	5.8	6.4	6.1	6.7	4.2	6.7	4.0	3.9	6.1	4.9	5.1	6.7	5.6	6.1
PST-R6CT	2.6	5.5	5.0	5.7	5.5	4.7	6.8	3.8	3.9	6.0	3.2	4.8	6.6	5.5	5.9
PST-R6T9S	2.5	4.5	5.1	5.3	.	3.9	6.4	3.9	2.8	6.0	3.0	5.0	6.4	6.1	5.8
RIVIERA	4.3	6.7	5.8	5.9	6.4	4.7	7.2	6.1	5.2	6.0	3.8	5.2	6.6	5.0	7.7
TIFTUF (DT-1)	7.4	7.2	8.1	7.0	6.6	5.2	7.9	6.7	6.7	7.0	6.4	5.6	6.6	7.3	8.2
TIFWAY	7.3	6.7	7.9	6.7	.	5.0	7.9	6.9	2.1	7.0	5.2	5.3	6.6	5.6	8.0
YUKON	2.9	4.6	4.8	5.4	6.3	4.8	6.9	4.1	5.4	5.6	4.0	4.7	6.6	5.2	6.6
LSD VALUE	1.4	0.9	1.0	0.5	1.3	0.5	0.5	1.1	2.2	0.3	0.9	0.3	0.7	1.1	0.8
C.V. (%)	17.9	8.7	10.0	4.9	11.1	6.8	4.1	11.8	28.8	3.4	13.5	3.8	6.4	11.0	6.6

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

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

PRELIMINARY DATA - NOT FOR PUBLICATION

TABLE 9. MEAN TURFGRASS QUALITY RATINGS OF ZOYSIAGRASS CULTIVARS GROWN AT ELEVEN LOCATIONS IN THE U.S. 1/ 2017 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/										
	AL1	AR1	AZ1	FL4	KS1	MD1	MO1	NC1	TN1	TX1	TX2
09-TZ-53-20	5.2	4.5	7.0	4.1	5.0	6.6	1.0	3.8	6.5	6.3	5.8
09-TZ-54-9	6.5	7.3	7.0	5.3	5.4	6.0	1.0	4.9	6.4	6.6	5.5
10-TZ-1254	4.7	5.8	6.1	6.0	5.9	6.8	1.0	6.3	5.9	6.0	5.7
10-TZ-35	5.9	6.2	6.1	4.8	5.3	6.5	2.6	6.0	6.0	5.8	5.5
11-TZ-4321	5.8	6.4	6.1	5.2	5.7	7.3	4.8	6.3	6.0	5.7	5.6
A-1	4.8	8.7	6.3	4.7	5.3	.	1.0	4.8	6.9	5.5	6.7
CSZ 1105	5.4	5.9	6.2	4.5	3.4	3.2	1.0	5.0	6.3	5.6	6.0
CSZ 1109	4.4	4.3	6.2	4.2	.	.	1.0	3.0	6.0	5.4	5.7
DALZ 1301	4.9	8.1	5.8	5.5	5.9	8.3	6.8	4.9	6.4	7.0	5.7
DALZ 1302	5.7	6.1	6.2	5.4	5.7	6.6	1.8	5.8	6.3	6.0	5.6
DALZ 1303	4.4	7.7	7.0	5.0	4.5	6.9	1.2	5.4	6.3	5.7	6.4
EMPIRE	4.8	5.9	6.1	4.6	5.5	6.0	1.0	6.0	6.0	4.5	5.5
FAES 1303	4.8	6.2	6.4	4.6	.	.	1.0	3.7	6.5	5.6	5.7
FAES 1304	4.9	7.1	6.8	5.4	5.3	7.2	1.0	4.3	7.1	5.1	5.9
FAES 1305	6.8	8.4	6.1	5.4	6.5	7.7	6.3	4.6	6.6	6.9	7.1
FAES 1306	4.4	6.1	6.0	4.8	.	.	1.2	4.1	6.0	4.9	5.5
FAES 1307	4.6	6.7	6.7	4.8	4.9	6.8	1.0	5.0	6.6	5.4	6.1
FAES 1308	4.1	3.5	6.4	4.8	2.0	.	1.0	3.3	5.7	4.0	6.1
FAES 1309	4.7	1.5	6.6	5.4	.	.	1.3	2.9	5.9	5.7	6.0
FAES 1310	4.1	5.5	6.8	4.9	.	.	1.0	3.6	6.4	5.4	5.8
FAES 1312	5.7	6.8	6.6	5.8	6.1	7.5	3.7	5.8	6.6	5.7	5.8
FAES 1313	6.7	7.7	7.0	5.9	5.4	7.4	1.0	6.2	6.9	6.1	6.2
FAES 1314	5.7	4.7	6.1	4.0	5.0	7.2	1.0	5.1	7.0	4.3	5.7
FAES 1315	4.8	5.6	6.1	4.9	3.9	6.1	1.0	5.1	6.8	5.5	5.9
FAES 1316	4.3	6.6	6.4	4.5	5.7	7.1	1.0	5.1	6.8	5.3	5.5
FAES 1317	5.9	5.5	6.6	3.1	4.6	7.1	1.0	5.2	7.2	5.1	6.2
FAES 1318	5.4	6.8	6.9	4.7	5.5	6.7	1.0	5.0	6.0	5.4	5.8
FAES 1319	5.9	7.5	6.7	6.0	5.3	7.7	4.8	6.4	6.3	6.7	6.6
FAES 1322	5.5	6.7	5.9	6.1	4.0	.	1.0	4.9	6.5	7.3	6.0
FAES 1328	4.6	6.4	5.4	3.8	5.5	6.8	1.1	4.7	6.8	5.0	5.6
FAES 1329	4.5	8.2	5.8	4.8	3.8	6.7	1.0	4.9	6.4	5.4	6.8
GGZ 504	3.9	6.0	5.8	3.8	4.5	6.3	1.0	4.0	6.2	5.4	5.7
KSUZ 1201	5.0	7.4	5.4	3.3	6.1	7.2	6.4	6.1	6.3	5.1	5.9
MEYER	2.7	6.9	6.2	2.3	5.5	4.9	5.5	4.7	6.3	5.3	5.8
ZEON	5.0	7.5	6.5	4.4	6.8	7.8	1.1	4.9	6.2	6.4	7.0
LSD VALUE	1.3	1.4	0.8	0.7	1.0	0.9	1.4	1.1	0.7	1.3	0.6
C.V. (%)	16.1	13.9	8.1	8.8	10.9	8.5	44.7	13.7	6.8	14.4	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.

## PRELIMINARY DATA - NOT FOR PUBLICATION

TABLE 10.

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
GROWN AT NINETEEN LOCATIONS IN THE U.S.  
2017 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF																		
	CA3	CT1	IA1	IL1	IL2	IN1	KS2	KY1	MD1	MO1	MS1	NC1	NE1	NJ1	NJ2	TN1	TN2	UT1	VA1
204 RES. BLK4	6.4	5.2	6.6	6.2	2.5	6.3	4.6	6.8	5.3	4.5	5.6	4.6	4.4	7.5	4.7	7.3	7.0	5.2	6.2
4TH MILLENNIUM SRP (U43)	7.1	7.2	6.9	6.2	5.9	7.3	5.1	7.2	7.2	4.9	6.8	6.9	5.3	8.5	6.7	7.3	7.0	5.6	7.5
AMITY (CCR2)	6.8	6.9	6.6	6.7	4.3	7.3	5.1	7.5	7.1	5.1	6.3	6.6	5.2	8.0	6.8	7.3	7.2	5.1	7.3
ANNIHILATOR	6.5	5.5	6.5	6.1	6.6	6.1	4.0	6.5	4.5	4.6	5.6	4.6	4.6	5.2	3.8	7.0	6.6	4.6	5.9
AQUADUCT	6.3	5.4	6.0	5.5	3.2	6.7	4.5	6.4	5.0	4.1	5.7	5.6	4.4	5.6	2.8	6.9	6.6	4.1	6.5
ARES (PPG-TF-142)	6.3	6.3	6.7	6.2	2.7	6.7	5.0	6.8	5.2	5.1	5.7	5.2	5.0	7.3	3.9	7.1	7.0	4.8	6.0
ATF 1612	6.4	6.7	6.6	6.3	6.5	7.0	5.3	7.0	6.7	4.5	6.3	6.3	5.3	7.7	6.2	7.1	7.0	4.7	6.2
ATF 1704	6.4	6.3	6.4	6.6	4.9	6.9	5.2	6.9	6.4	4.4	6.2	6.1	5.0	7.4	5.9	7.2	7.1	4.7	7.4
ATF 1754	6.3	5.7	6.6	6.5	3.9	7.0	5.3	7.0	6.5	4.4	5.9	6.4	5.0	7.0	5.3	7.2	7.0	5.0	6.7
AVENGER II (PPG-TF-156)	6.0	6.6	6.4	6.2	4.9	7.4	5.2	7.3	7.2	4.7	6.0	6.3	5.5	8.0	6.7	7.1	7.1	4.9	6.9
B23	6.4	6.8	7.0	5.9	5.0	7.1	5.0	7.0	6.7	4.3	5.7	5.6	5.1	8.0	5.8	7.2	6.9	4.8	5.9
BAR FA 120878	5.3	4.9	5.9	4.9	4.4	6.3	4.2	6.0	3.2	4.1	5.3	5.2	4.2	2.2	1.8	6.8	6.6	3.6	6.3
BAR FA 121089	5.9	5.7	6.1	6.1	5.3	6.4	4.9	6.6	5.1	3.7	6.2	5.2	4.6	5.3	4.5	6.9	7.0	4.3	6.3
BAR FA 121091	6.0	5.6	6.6	6.2	5.0	6.1	4.8	6.7	5.1	4.1	6.1	5.2	4.4	5.0	3.7	6.7	6.6	4.5	6.1
BAR FA 121095	6.3	5.7	6.7	5.9	5.8	6.6	4.8	6.8	4.9	4.4	6.4	5.0	4.6	5.9	5.0	6.6	6.5	4.7	5.9
BIZEM	6.3	7.0	7.1	6.1	5.9	7.0	5.5	7.2	6.8	4.8	6.1	6.3	4.9	8.4	6.2	7.3	7.2	5.1	6.8
BLACK TAIL (PPG-TF-150)	6.7	7.1	7.0	6.6	3.3	7.0	5.5	7.2	6.5	4.0	6.4	6.1	5.1	8.4	6.0	7.2	7.1	4.6	7.0
BLOODHOUND (MET 6 SEL)	6.1	6.8	7.2	6.0	3.7	7.0	5.4	7.0	6.6	4.8	5.9	6.1	5.1	7.2	5.8	6.9	6.7	4.8	6.9
BULLSEYE	6.2	7.1	6.5	6.2	5.9	6.5	5.1	6.9	5.9	5.2	5.7	5.9	4.9	7.6	4.8	7.0	6.8	5.0	6.5
CAESAR (TY 10)	6.3	6.1	7.0	6.5	4.6	6.6	4.6	6.8	6.1	4.6	6.0	5.5	4.7	6.5	4.2	7.3	7.1	5.0	6.4
CATALYST	6.2	6.8	7.0	5.6	4.0	7.0	5.2	6.6	5.5	4.6	5.7	5.2	5.0	7.7	4.7	6.9	6.8	4.9	7.0
COMP. RES. SST	5.8	5.1	6.5	6.2	4.9	6.5	4.3	6.5	5.5	4.3	5.6	4.4	4.7	6.1	4.2	6.8	6.3	4.9	5.9
CROSSFIRE 4 (IS-TF 310 SEL)	6.2	7.2	6.6	6.2	6.1	6.8	5.2	7.1	6.5	4.6	6.7	5.5	5.1	8.0	6.2	7.2	7.0	4.7	6.7
DIABLO (IS-TF 330)	6.5	6.7	7.0	6.4	4.0	7.0	5.0	6.8	6.4	5.1	5.9	6.2	4.9	7.0	5.1	7.3	7.1	4.9	6.9
DYNAMITE LS (PPG-TF-145)	6.4	6.3	7.0	6.0	4.1	6.8	5.2	6.9	5.3	4.7	5.9	4.9	4.7	7.1	4.8	7.1	6.8	5.0	6.5
EMBRACE (PST-5EV2)	6.6	6.7	7.1	6.0	3.9	7.0	5.0	7.0	6.3	4.6	6.2	6.4	4.8	7.8	5.7	7.1	7.0	4.7	7.1
F711	6.4	6.8	7.7	5.9	4.2	7.1	5.4	7.0	6.9	5.1	6.5	6.7	5.2	8.0	5.5	7.4	7.0	5.2	7.8
FAITH	6.3	6.8	7.1	6.4	6.2	6.5	5.1	7.2	6.2	5.0	5.9	6.2	5.1	6.4	5.8	7.1	7.0	5.5	6.7
FALCON IV	6.6	6.8	6.4	5.7	6.0	6.8	4.8	6.5	5.3	4.5	6.1	4.6	4.9	5.7	3.3	6.7	6.6	4.6	5.7
FALCON V	6.7	6.3	6.6	6.1	3.4	6.7	5.3	6.7	5.6	4.5	5.2	5.4	5.1	7.3	5.7	6.7	6.6	4.9	6.7
FAYETTE (IS-TF 291)	6.4	6.8	7.0	6.0	3.2	6.8	5.4	6.9	6.3	4.0	6.7	5.6	5.1	7.7	6.0	7.3	7.2	5.8	6.9
FESNOVA	6.4	6.6	6.8	6.9	2.6	6.8	4.8	6.8	6.3	4.5	6.2	6.0	4.8	6.5	4.3	7.2	7.0	4.7	6.6
FIREBIRD 2	6.2	6.6	7.0	5.8	4.0	7.1	5.4	7.3	6.8	4.5	6.1	5.7	5.0	7.6	6.0	6.8	6.8	4.7	7.0
FIRECRACKER SLS (PPG-TF-105)	6.6	7.3	7.6	6.3	5.7	7.0	5.1	7.0	6.4	4.2	6.2	5.9	5.0	7.9	6.7	7.3	7.0	5.4	6.4
FIREWALL (PSG-WE1)	6.4	7.0	6.6	6.0	2.0	6.7	5.3	7.2	7.2	5.0	6.1	5.5	5.2	7.0	6.3	6.9	6.9	5.7	6.8
FOXHOUND (IS-TF 284 M2)	5.8	6.8	7.4	6.8	4.5	6.6	5.1	7.0	6.5	4.3	6.6	5.4	5.0	7.0	5.8	7.6	7.4	5.0	6.4
FRONTLINE (EXP TF-09)	5.9	5.8	7.1	5.8	4.1	6.4	4.9	6.7	4.8	3.8	5.7	5.3	4.6	5.1	2.8	7.1	7.1	4.8	5.7
GRANDE 3	6.5	6.3	6.8	6.2	6.1	7.0	5.3	6.9	6.6	5.6	6.5	6.2	5.1	7.3	6.3	7.0	6.9	5.1	7.3
GTO (BURL TF-2)	6.6	6.7	7.0	6.1	6.5	6.9	5.6	7.0	6.9	5.3	6.3	5.9	5.2	7.3	6.5	7.3	7.1	5.2	6.8
HEMI	6.4	6.8	7.0	6.1	5.1	7.1	5.3	7.1	6.8	5.5	6.1	5.2	4.9	7.2	6.1	7.0	7.0	4.8	7.3
HOT ROD (BURL TF-136)	6.6	6.8	7.0	6.5	4.4	7.1	5.3	7.3	7.2	4.4	6.0	5.6	5.2	7.4	6.3	7.2	7.1	5.3	7.0
HOUND08 (IS-TF 307 SEL)	6.1	6.6	7.0	6.3	4.8	7.0	5.5	7.0	6.7	4.8	5.6	5.8	4.8	7.6	4.9	7.2	7.2	4.8	6.9
HOVER (BURL TF-69)	6.6	6.4	6.7	6.2	5.0	6.8	5.2	7.1	6.6	4.8	6.1	5.1	5.2	7.4	6.3	6.9	6.6	5.1	6.8
INSPIRATION (PST-R5NW)	6.1	5.8	6.6	5.9	2.7	6.5	4.9	6.6	5.1	4.7	5.9	5.6	4.8	5.5	3.8	6.7	6.6	4.8	6.5

## PRELIMINARY DATA - NOT FOR PUBLICATION

TABLE 10. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
GROWN AT NINETEEN LOCATIONS IN THE U.S.  
2017 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF																		
	CA3	CT1	IA1	IL1	IL2	IN1	KS2	KY1	MD1	MO1	MS1	NC1	NE1	NJ1	NJ2	TN1	TN2	UT1	VA1
IS-TF 272	6.0	6.5	7.5	6.7	5.2	6.7	4.5	6.8	6.3	4.3	6.2	5.2	5.0	7.0	5.3	7.2	7.0	5.8	6.0
IS-TF 276 M2	6.3	6.5	7.4	6.0	2.3	6.7	5.3	6.9	6.2	5.5	6.0	5.5	4.9	6.6	4.9	6.8	6.8	5.1	6.6
IS-TF 311	6.9	6.9	6.4	6.3	1.4	7.2	5.3	7.2	6.5	5.3	6.3	6.0	5.2	7.2	5.8	7.3	7.1	5.7	6.9
IS-TF-287	6.2	6.7	6.7	6.1	3.1	6.5	5.3	6.9	6.0	4.2	5.9	5.3	5.0	7.7	5.9	7.2	7.2	4.1	6.9
JS 809	6.1	6.1	6.4	5.9	5.1	6.4	4.7	6.6	5.6	4.5	5.8	5.1	4.6	6.2	3.5	6.7	6.4	4.6	6.0
JS 818	6.4	6.3	7.2	6.2	4.3	6.5	5.0	6.9	6.0	4.0	5.7	5.3	4.7	6.5	4.2	6.9	6.7	4.4	6.2
JS 819	6.5	6.0	6.7	6.4	5.4	6.7	4.9	6.6	5.2	4.7	5.5	5.5	4.8	5.5	4.0	7.0	6.9	4.4	6.1
JS 825	5.7	5.5	6.3	5.4	5.0	6.1	4.8	6.4	5.0	4.1	6.0	5.3	4.6	4.4	2.8	7.0	6.9	4.2	6.7
JS 916	6.3	6.2	6.4	6.2	5.4	7.0	5.5	7.0	6.6	5.1	6.5	6.0	5.2	8.0	5.6	7.2	7.0	4.6	7.2
K12-05	6.2	6.3	6.4	6.1	4.9	6.7	5.4	6.7	6.2	4.9	6.4	5.2	5.0	7.0	5.6	7.3	7.1	4.8	6.6
K12-13	5.9	5.4	6.7	5.8	3.8	6.5	4.8	6.9	5.7	4.0	5.7	5.0	4.7	7.0	3.9	7.1	6.9	4.7	6.1
K12-MCD	6.3	6.5	6.7	6.1	5.6	7.0	4.9	6.7	5.8	4.4	6.5	6.2	4.8	6.5	5.0	7.0	6.8	5.1	6.3
KINGDOM (DB1)	6.3	6.4	7.0	6.5	4.8	6.7	5.6	7.1	6.4	3.9	6.3	6.2	5.0	7.1	4.8	7.0	6.9	5.6	6.4
KY-31	4.6	3.4	4.9	3.2	4.1	4.0	3.0	4.3	2.6	3.0	4.3	5.3	3.2	1.0	1.1	5.7	5.6	2.8	5.6
LEONARDO (LTP-FSD)	6.6	6.9	7.2	6.2	4.4	7.0	5.6	7.0	6.5	4.9	6.7	6.5	5.1	6.6	5.6	7.1	6.9	5.6	6.7
MAESTRO (T31)	6.9	6.8	6.4	6.2	4.9	7.2	5.6	7.5	7.3	5.0	6.2	6.2	5.1	7.0	6.0	7.2	7.3	5.3	6.9
MARAUDER	6.4	5.1	6.4	6.2	4.8	6.5	4.3	6.5	4.9	4.2	5.6	4.5	4.5	5.4	3.8	6.9	6.8	4.3	6.1
MEMPHIS (GO-DFR)	6.1	6.1	7.1	6.0	6.4	6.8	4.6	6.7	5.8	4.3	6.1	5.5	4.8	6.5	4.3	7.2	7.0	5.2	6.5
MERIDIAN (PST-5GRB)	6.1	5.7	6.5	6.1	5.9	7.0	5.0	6.9	6.1	4.8	6.0	5.4	5.1	8.0	5.9	6.9	6.8	4.7	6.7
MET 1	6.6	7.4	6.8	6.1	5.4	7.3	5.6	7.4	6.9	5.3	6.2	6.7	5.3	8.0	7.0	7.1	7.0	5.1	7.6
MET-3	6.5	6.6	7.0	6.4	5.4	7.1	5.1	6.9	6.7	4.8	6.0	5.7	5.0	7.5	6.0	7.0	6.8	5.2	7.2
MICHELANGELO (LTP-F5DPDR)	6.2	7.2	6.8	6.0	6.5	7.0	5.6	7.0	6.5	4.7	6.5	6.6	4.9	6.8	5.8	7.2	7.0	5.1	6.5
NIGHTCRAWLER (IS-TF 285)	6.0	6.4	6.7	6.3	4.0	7.1	5.2	6.8	6.0	3.8	4.8	5.4	5.0	7.7	4.9	7.1	7.0	5.4	6.8
OLYMPUS (RAD-TF-88)	6.6	6.4	6.7	6.4	6.1	6.6	4.8	7.0	5.8	4.4	5.9	5.1	5.0	6.8	6.2	7.0	6.8	4.8	6.6
PARAMOUNT (PPG-TF-137)	6.2	6.4	7.2	6.3	4.2	7.4	5.6	7.5	7.0	4.5	6.3	6.2	4.9	8.0	6.5	7.2	7.0	5.3	7.5
PPG-TF-115	6.0	6.9	6.9	5.8	2.8	6.9	5.3	7.2	6.0	4.3	6.0	6.1	4.8	6.5	5.6	7.1	7.0	5.3	7.0
PPG-TF-135	6.4	7.2	7.2	6.0	2.6	7.1	5.6	7.0	6.8	5.4	6.1	6.6	5.1	7.5	6.5	6.9	6.9	5.1	6.9
PPG-TF-138	6.1	7.0	7.4	6.2	2.5	7.0	5.2	7.0	6.7	5.1	5.3	5.8	5.0	7.1	5.8	7.1	7.0	4.3	7.0
PPG-TF-169	6.4	6.3	6.9	6.3	2.7	7.2	5.4	7.4	6.4	5.1	6.4	5.6	5.1	7.2	5.8	7.0	6.9	4.8	7.8
PSG-8BP2	6.1	6.3	6.6	5.8	2.8	6.7	4.5	6.6	4.9	4.5	5.9	5.6	4.7	5.4	4.3	6.7	6.5	5.0	5.7
PSG-GSD	6.3	6.8	6.8	5.8	4.9	6.8	5.0	6.4	4.8	4.1	5.7	6.0	4.7	6.5	3.6	6.7	6.4	4.8	5.8
PSG-PO1	7.1	7.4	7.1	6.4	2.3	7.0	5.6	7.3	6.8	5.0	6.4	5.4	4.9	7.3	5.8	6.8	6.7	5.2	7.0
PSG-TT4	6.1	6.3	6.4	5.8	4.0	7.0	4.6	6.8	5.5	4.6	6.3	5.8	4.6	5.3	4.4	6.9	6.8	4.2	6.5
PST-5BP0	6.1	6.5	6.7	5.7	3.1	7.1	5.2	6.9	6.1	5.1	6.3	6.6	5.0	6.7	5.4	7.0	6.8	5.3	7.0
PST-5BRK	5.9	6.5	7.3	6.0	4.9	7.0	5.1	6.9	6.5	4.3	5.8	6.3	4.9	6.3	4.6	6.9	6.8	4.9	7.1
PST-5DZP	6.3	6.0	6.4	5.9	5.4	7.3	5.1	6.8	5.5	4.0	5.7	5.2	4.7	6.7	4.2	6.6	6.6	4.9	6.2
PST-5EX2	6.0	6.1	6.8	5.5	4.4	6.6	4.7	6.9	6.0	4.5	6.3	6.9	4.8	5.5	4.2	6.5	6.3	4.4	7.2
PST-5MVD	6.2	6.5	6.6	6.4	5.5	7.0	5.2	6.7	5.8	4.4	5.9	5.7	4.7	6.3	4.9	7.0	6.9	4.9	6.7
RAD-TF-83	5.9	5.9	6.9	6.1	3.4	6.6	4.8	7.0	5.8	4.4	6.3	5.1	4.6	5.6	5.4	6.7	6.6	4.8	6.3
RAD-TF-89	6.4	6.3	7.1	6.1	2.4	6.6	5.1	7.1	6.4	4.6	6.0	5.5	4.9	7.1	5.5	6.8	6.7	5.0	7.1
RAD-TF-92	6.5	5.8	7.0	6.1	2.9	6.7	4.9	6.7	6.4	4.7	6.3	4.8	5.3	7.7	5.7	6.7	6.6	4.7	6.8
RAIN DANCE (PST-5SDT)	5.8	5.7	6.6	5.6	5.3	6.4	4.7	6.5	4.7	4.7	5.9	6.3	4.7	5.6	4.4	6.9	6.8	4.9	6.2
RAPTOR III (ZW 44)	6.4	6.7	7.1	6.1	2.2	7.3	5.6	7.3	7.2	5.0	6.4	6.9	5.5	8.2	6.2	7.4	7.2	5.0	7.3
REBEL V (ATF 1736)	6.2	6.5	6.8	6.0	4.6	6.8	5.0	7.0	6.3	4.2	6.3	6.0	4.6	6.8	5.0	7.0	7.1	4.8	6.8

PRELIMINARY DATA - NOT FOR PUBLICATION

TABLE 10. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS  
GROWN AT NINETEEN LOCATIONS IN THE U.S.  
2017 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	CA3	CT1	IA1	IL1	IL2	IN1	KS2	KY1	MD1	MO1	MS1	NC1	NE1	NJ1	NJ2	TN1	TN2	UT1	VA1
REBOUNDER (PICK-W43)	6.4	7.4	7.1	6.3	6.2	6.9	5.6	7.2	7.3	4.6	6.6	5.7	5.3	7.9	6.3	7.4	7.2	4.9	6.9
REFLECTION (U45)	6.4	7.6	7.3	6.1	2.9	7.2	5.6	7.2	7.3	4.9	6.4	5.8	5.3	8.5	6.5	7.1	6.9	5.0	6.7
REGENERATE	6.9	7.2	7.1	6.6	3.6	7.3	5.5	7.2	7.5	4.7	6.2	6.5	5.1	8.4	7.3	7.2	7.3	4.8	6.7
RHAMBLER 2 SRP (LSD)	6.4	6.8	6.6	5.9	2.9	6.6	5.1	6.7	6.7	4.9	5.6	6.0	4.8	8.1	5.2	7.2	7.0	4.6	6.3
RHIZING MOON (IS-TF 305 SEL)	6.2	6.6	6.8	6.6	3.8	6.9	5.3	7.1	6.6	5.8	6.2	5.7	4.8	7.1	5.4	7.3	7.2	5.0	6.5
ROCKWELL (LTP-TWUU)	6.8	6.9	7.0	6.1	4.9	7.0	5.5	7.0	6.8	4.9	6.3	6.1	5.4	7.4	6.1	7.3	7.3	5.6	7.4
ROWDY (SRX-TPC)	6.6	6.9	6.8	6.3	7.0	7.0	5.3	7.0	6.7	4.8	6.3	6.8	5.1	8.0	6.1	7.1	7.1	4.9	6.9
SALTILLO (PST-5SALT)	5.9	6.1	7.0	6.2	4.9	7.1	5.1	6.8	6.3	4.5	6.3	6.5	4.8	7.0	5.1	7.2	7.0	4.9	7.3
SCREAMER LS (PPG-TF-148)	7.0	6.7	6.5	5.8	6.1	7.2	5.2	7.0	6.5	4.8	6.1	6.1	5.0	8.0	6.5	7.1	7.0	4.8	7.0
STANDOUT (IS-TF 308 SEL)	6.2	6.7	6.8	6.1	5.6	7.0	5.9	7.2	6.8	4.7	5.9	6.1	5.1	8.0	6.3	7.2	7.3	5.1	6.6
SUPERSONIC (PPG-TF-170)	6.6	7.0	6.5	6.1	6.0	7.0	5.3	7.2	7.2	4.6	6.4	6.3	5.2	7.3	6.5	7.1	7.0	4.6	7.4
SWAGGER (PST-5R05)	5.8	6.3	6.6	5.9	4.2	6.7	5.2	6.6	5.3	4.8	5.6	5.9	4.5	6.2	3.9	7.0	6.8	5.0	6.5
TECHNIQUE (RZ2)	6.9	6.6	7.4	6.1	4.1	7.0	5.3	7.0	7.4	4.2	6.6	6.4	5.1	7.9	5.8	6.9	6.8	4.2	7.4
TEMPLE (DZ1)	6.7	6.3	7.2	6.1	5.1	7.0	5.6	7.0	6.9	5.0	6.7	5.2	5.0	7.5	5.9	7.0	6.8	4.5	7.1
TEMPTATION (OR-21)	5.9	5.6	6.5	6.2	5.6	6.6	4.9	6.9	5.8	5.5	5.9	5.8	4.7	5.9	3.9	7.0	7.1	4.9	6.0
TERRANO	6.8	6.4	6.5	5.6	4.1	6.5	5.2	6.6	5.4	4.2	5.6	6.2	4.8	6.5	3.9	7.2	6.9	4.9	6.3
THOR (PPG-TF-157)	6.1	7.3	6.7	6.3	4.8	7.0	5.2	7.3	6.9	5.8	6.5	6.2	5.2	7.7	7.3	7.3	7.1	4.7	6.7
THUNDERSTRUCK (TD1)	6.4	6.7	7.2	6.5	5.4	6.8	5.2	7.1	6.3	4.3	6.1	5.5	5.2	6.0	5.4	7.2	7.1	4.9	6.5
TITANIUM 2LS (PPG-TF-152)	6.5	6.9	6.6	6.2	6.7	7.0	5.7	7.2	6.8	5.3	6.1	5.9	5.1	8.4	6.8	7.2	6.9	4.8	7.1
TRAVERSE 2 SRP (W45)	6.2	6.9	6.9	6.3	5.4	6.9	5.5	7.5	7.3	5.5	6.0	6.4	5.3	8.2	6.3	7.3	7.2	4.9	7.2
TRENDING (IS-TF 269 SEL)	6.2	6.5	7.2	6.4	5.5	7.1	5.0	6.9	6.4	5.2	6.7	5.8	5.0	7.5	5.8	7.3	7.3	5.2	6.5
TURFWAY (IS-TF 282 M2)	6.5	6.5	7.0	6.3	4.8	6.8	5.0	7.0	6.5	4.3	6.6	5.9	4.9	7.2	5.5	7.4	7.3	4.4	6.7
UNITUS (IS-TF 289)	6.4	6.5	7.3	6.1	2.9	7.0	5.0	7.0	6.1	4.0	6.0	5.6	4.8	6.0	4.5	6.9	6.8	5.5	5.9
VALKYRIE LS (PPG-TF-172)	6.1	7.2	6.6	6.0	6.1	7.0	5.3	7.1	6.7	4.4	6.6	6.6	5.0	8.0	6.3	7.1	6.8	5.1	7.3
W41	6.5	6.8	7.5	6.3	6.2	7.1	5.2	7.1	6.7	4.8	6.3	6.1	5.1	7.9	5.5	7.1	7.0	5.4	7.3
WARHAWK	6.4	5.1	6.3	5.7	3.9	6.0	4.2	6.4	4.3	4.0	5.7	4.5	4.4	4.7	3.2	7.1	6.8	4.2	5.5
WICHITA (PPG-TF-151)	6.4	7.1	7.1	5.9	3.8	6.8	5.0	7.0	6.7	4.8	6.3	6.4	5.0	7.5	5.8	7.1	7.0	4.9	6.9
XTENDER (PPG-TF-139)	6.3	6.6	6.8	6.1	5.5	6.8	5.6	6.8	6.4	4.3	6.2	5.7	5.2	7.5	6.0	7.1	6.8	5.1	7.0
LSD VALUE	0.6	0.9	0.8	0.7	0.7	0.4	0.5	0.4	0.7	1.0	0.8	0.9	0.5	1.1	0.9	0.5	0.5	0.8	0.7
C.V. (%)	5.7	8.8	7.1	7.0	9.9	4.0	6.4	3.5	6.9	13.7	7.8	9.9	5.7	9.9	10.1	4.1	4.8	9.9	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.

2016 NATIONAL PERENNIAL RYEGRASS TEST

LOCATIONS SUBMITTING DATA FOR 2017

State	Location	Code
California	Fresno	CA7
Connecticut	Storrs	CT1
Illinois	Urbana	IL1
Iowa	Ames	IA1
Kentucky	Lexington	KY1
Massachusetts	Amherst (Traffic)	MA1
Michigan	East Lansing	MI1
Minnesota	St. Paul	MN1
Missouri	Columbia	MO1
Nebraska	Mead	NE1
New Jersey	Adelphia	NJ2
Oregon	Corvallis	OR1
Oregon	Corvallis (Traffic)	OR2
Utah	Logan	UT1
Utah	Logan (Drought)	UT2
Virginia	Blacksburg	VA1
Wisconsin	Madison	WI1

2016 NATIONAL ST. AUGUSTINEGRASS TEST  
LOCATIONS SUBMITTING DATA FOR 2017

State	Location	Code
Alabama	Auburn	AL1
Florida	Citra (Chinch Bug)	FL4
Mississippi	Miss. St.	MS1
North Carolina	Raleigh	NC1
Texas	Dallas	TX1
Texas	College Station (Drought)	TX2



2016 NATIONAL SEASHORE PASPALUM TEST

LOCATIONS SUBMITTING DATA FOR 2016-17

State	Location	Code
Alabama	Auburn	AL1
Arkansas	Fayetteville	AR1
California	Riverside	CA3
Mississippi	Miss. St.	MS1
Oklahoma	Stillwater	OK1
Texas	College Station	TX2

**2015 NATIONAL LOW INPUT COOL-SEASON TEST  
LOCATIONS SUBMITTING DATA FOR 2017**

State	Location	Code
Connecticut	Storrs	CT1
Connecticut	Storrs (Ancillary)	CT2
Indiana	West Lafayette (Low Input)	IN1
Indiana	West Lafayette (Medium Input)	IN2
Maryland	College Park	MD1
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	Kennett Square	PA2
Utah	Logan (Drought)	UT1
Virginia	Blacksburg	VA1

2014 NATIONAL BENTGRASS TEST  
(Fairway/Tee)

LOCATIONS SUBMITTING DATA FOR 2017

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
Maryland	College Park	MD1
Michigan	East Lansing	MI1
Missouri	Columbia	MO1
New Jersey	North Brunswick	NJ1
North Dakota	Fargo	ND1
Utah	Logan	UT1
Washington	Pullman	WA1

2014 NATIONAL BENTGRASS TEST  
(Greens)

LOCATIONS SUBMITTING DATA FOR 2017

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
Utah	Logan	UT1
Utah	Logan (Drought)	UT2
Virginia	Blacksburg	VA1

**2014 NATIONAL FINELEAF FESCUE TEST  
LOCATIONS SUBMITTING DATA FOR 2017**

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
Quebec	Quebec City	QE1

2013 NATIONAL BERMUDAGRASS TEST

LOCATIONS SUBMITTING DATA FOR 2017

State	Location	Code
Alabama	Auburn	AL1
Arkansas	Fayetteville	AR1
Arizona	Tucson	AZ1
California	Riverside	CA3
Indiana	West Lafayette	IN1
Kansas	Wichita	KS2
Kentucky	Lexington	KY1
Maryland	College Park	MD1
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 2017

<u>State</u>	<u>Location</u>	<u>Code</u>
Alabama	Auburn	AL1
Arkansas	Fayetteville	AR1
Arizona	Tucson	AZ1
Florida	Citra	FL4
Kansas	Manhattan	KS1
Maryland	College Park	MD1
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 2017

State	Location	Code
California	Riverside	CA3
Connecticut	Storrs	CT1
Illinois	Urbana	IL1
Illinois	Carbondale (Shade)	IL2
Indiana	West Lafayette	IN1
Iowa	Ames	IA1
Kansas	Wichita (Brown Patch Ancillary)	KS2
Kentucky	Lexington	KY1
Maryland	College Park	MD1
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
Tennessee	Knoxville (Traffic)	TN2
Utah	Logan (Drought)	UT1
Virginia	Blacksburg	VA1