

TABLE 1.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT FAYETTEVILLE, AR 1/
2014 DATA

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

NAME	GENETIC COLOR	LEAF TEXTURE	DENSITY SUMMER	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	QUALITY RATINGS							MEAN	
							MAR	APR	MAY	JUN	JUL	AUG	SEP		OCT
TURFWAY (IS-TF 282 M2)	7.3	6.3	7.0	77.3	68.7	89.7	8.0	8.0	8.0	8.0	8.0	8.0	7.7	8.3	8.0
F711	7.3	7.3	7.3	88.3	77.3	93.0	8.0	8.0	8.0	8.0	8.0	8.0	7.3	8.0	7.9
IS-TF 305 SEL	7.3	6.3	7.0	79.7	69.3	87.7	8.0	7.7	7.7	7.7	8.0	7.7	7.3	8.0	7.8
XTENDER (PPG-TF-139)	7.7	6.3	6.7	77.3	77.7	92.7	8.3	7.7	7.3	7.3	8.0	7.7	7.3	8.3	7.8
ROWDY (SRX-TPC)	7.3	6.0	7.0	83.7	74.7	91.3	8.3	8.0	7.3	7.3	8.0	7.7	7.0	8.3	7.8
CCR2	7.7	6.3	6.7	88.7	79.3	92.7	7.7	8.0	7.7	7.7	7.7	7.3	7.3	8.0	7.7
FESNOVA	7.3	6.7	7.0	83.0	76.0	90.7	8.0	7.7	7.7	7.7	7.7	7.0	7.7	8.0	7.7
FAYETTE (IS-TF 291)	7.3	6.3	7.0	80.0	71.7	89.3	7.7	7.7	7.7	8.0	8.0	7.7	7.0	7.7	7.7
IS-TF-287	7.0	6.3	6.7	82.3	75.3	88.0	8.0	8.0	7.7	7.3	7.7	7.3	7.0	8.3	7.7
AVENGER II (PPG-TF-156)	7.3	6.0	6.7	87.7	81.3	90.7	8.0	7.3	7.7	8.0	7.7	7.3	7.3	8.0	7.7
TRAVERSE 2 SRP (W45)	7.0	6.3	7.0	87.3	73.0	90.0	7.7	8.0	7.7	7.3	7.7	7.3	7.7	8.0	7.7
DYNAMITE LS (PPG-TF-145)	7.0	6.3	7.3	76.7	79.3	84.3	7.3	8.0	7.7	7.7	7.7	7.3	7.0	8.0	7.6
PST-5EV2	7.3	6.3	6.7	82.0	79.7	92.3	8.3	7.7	7.3	7.3	7.3	7.3	7.3	8.3	7.6
DIABLO (IS-TF 330)	8.0	6.0	6.7	74.3	67.7	88.7	7.3	7.3	7.7	7.3	7.7	7.3	7.3	7.7	7.5
MET 6 SEL	6.7	6.7	6.7	89.0	74.7	89.7	7.7	8.0	7.3	7.3	7.3	7.3	7.0	8.0	7.5
MET-3	7.7	6.3	7.0	89.0	80.7	91.7	8.0	7.7	7.3	7.3	7.3	7.3	7.0	8.0	7.5
PICK-W43	7.3	6.3	7.0	86.7	78.7	93.3	8.0	8.0	7.0	7.3	7.3	7.0	7.0	8.0	7.5
PSG-PO1	7.3	6.7	7.3	81.7	77.0	90.3	7.7	8.0	7.3	7.3	7.3	7.3	6.7	8.0	7.5
MAESTRO (T31)	7.0	6.3	6.7	83.0	80.3	91.0	8.0	7.7	7.3	7.3	7.3	7.0	7.0	8.0	7.5
4TH MILLENNIUM SRP (U43)	7.0	6.3	7.0	88.0	74.3	90.7	8.0	8.0	7.3	7.3	7.3	7.3	6.7	8.0	7.5
ATF 1704	7.0	6.0	6.7	80.7	75.3	91.7	8.0	7.7	7.3	7.0	7.0	7.0	7.0	8.0	7.4
ATF 1736	7.0	6.0	6.7	88.3	76.7	91.7	7.7	7.7	7.3	7.3	7.3	7.0	7.0	8.0	7.4
BULLSEYE	7.7	6.0	7.0	85.3	77.7	89.7	8.0	7.7	7.0	7.3	7.3	7.0	7.0	8.0	7.4
IS-TF 311	7.3	6.3	7.0	85.3	70.3	92.7	8.0	7.3	7.0	7.0	7.7	7.0	7.0	8.0	7.4
K12-MCD	7.3	6.7	7.0	76.7	76.3	91.7	8.0	7.3	7.0	7.3	7.7	7.0	7.0	8.0	7.4
MICHELANGELO (LTP-F5DPDR)	7.0	6.7	7.0	83.3	76.0	91.0	8.0	8.0	7.0	7.0	7.3	7.0	7.0	8.0	7.4
LEONARDO (LTP-FSD)	7.3	6.3	6.7	87.3	77.3	92.7	8.0	7.0	7.0	7.3	7.3	7.3	7.0	8.0	7.4
PPG-TF-115	7.0	6.3	6.7	82.3	68.7	90.0	8.0	7.3	7.0	7.0	7.3	7.0	7.3	8.0	7.4
PPG-TF-137	7.3	6.3	7.3	89.3	79.3	90.3	8.0	7.7	7.3	7.0	7.3	7.0	6.7	8.0	7.4
THOR (PPG-TF-157)	7.3	6.7	7.0	87.0	75.7	90.3	8.0	7.7	7.3	7.0	7.0	7.0	7.0	8.0	7.4
FIREWALL (PSG-WE1)	7.0	6.3	7.0	82.3	74.0	90.7	7.7	7.7	7.3	7.3	7.0	7.3	6.7	7.7	7.4
REGENERATE	7.0	6.0	7.0	85.0	67.7	89.7	8.0	8.0	7.0	7.3	7.3	7.0	6.7	8.0	7.4
RHAMBLER 2 SRP (LSD)	6.7	6.7	7.0	85.7	74.7	89.3	7.7	7.7	7.3	7.0	7.3	7.0	7.0	8.0	7.4
TECHNIQUE (RZ2)	7.0	6.3	6.7	87.7	78.3	92.3	8.0	7.3	7.3	7.3	7.3	7.0	6.7	8.0	7.4
REFLECTION (U45)	7.3	6.3	7.0	89.0	73.0	91.0	7.7	8.0	7.7	7.3	7.0	7.0	6.7	8.0	7.4
ATF 1754	7.3	6.3	6.3	84.3	77.0	92.3	8.0	7.7	7.0	7.0	7.0	7.0	6.7	8.0	7.3
BIZEM	7.7	7.3	7.3	85.3	72.3	92.3	8.0	7.3	7.0	7.3	7.0	7.3	6.7	8.0	7.3
CAESAR (TY 10)	8.0	6.3	6.7	73.0	68.7	90.3	7.7	7.0	7.0	7.3	7.3	7.3	7.3	7.7	7.3
GRANDE 3	7.3	6.3	7.0	82.3	72.0	92.0	8.0	7.3	7.3	7.0	6.7	7.0	7.0	8.0	7.3
HEMI	7.0	6.3	7.0	85.0	80.0	89.7	8.0	7.3	6.7	7.0	7.0	7.0	7.0	8.0	7.3
IS-TF 308 SEL	7.7	6.3	6.7	81.7	73.0	91.7	8.0	7.7	7.0	7.0	7.0	7.0	6.3	8.0	7.3
JS 916	7.3	6.0	7.0	76.0	68.3	89.0	8.0	7.0	7.0	7.3	7.0	6.7	7.0	8.0	7.3
BLACK TAIL (PPG-TF-150)	7.0	6.0	6.7	83.0	71.0	91.3	8.0	7.0	7.3	7.0	7.0	7.0	7.0	8.0	7.3
TITANIUM 2LS (PPG-TF-152)	7.3	6.7	6.7	82.0	75.7	91.7	8.0	7.7	7.3	7.0	6.7	7.0	6.7	8.0	7.3
PST-5BPO	7.0	6.0	6.7	83.7	73.3	91.0	7.7	7.0	7.3	7.0	7.3	7.0	7.0	7.7	7.3

TABLE 1. (CONT'D)

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

NAME	GENETIC COLOR	LEAF TEXTURE	DENSITY SUMMER	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	MAR	APR	MAY	QUALITY RATINGS					MEAN
										JUN	JUL	AUG	SEP	OCT	
PST-5MVD	7.3	6.3	6.7	82.0	74.0	92.7	8.0	7.3	7.0	7.0	7.3	7.0	7.0	8.0	7.3
SWAGGER (PST-5R05)	7.3	6.3	6.7	81.3	75.0	91.0	8.0	7.7	7.3	7.0	7.0	7.0	6.7	8.0	7.3
RAPTOR III (ZW 44)	7.3	6.3	7.0	88.3	74.7	92.3	8.0	7.0	7.3	7.0	7.0	6.7	7.0	8.0	7.3
B23	7.3	6.3	7.3	79.0	73.0	91.3	8.0	7.3	7.0	7.0	6.7	7.0	6.3	8.0	7.2
FIREBIRD 2	7.3	7.7	7.7	84.3	83.7	92.0	8.0	7.3	6.7	7.0	7.0	7.0	6.3	8.0	7.2
IS-TF 307 SEL	7.7	6.7	7.0	77.0	68.0	89.3	7.7	8.0	7.0	6.7	7.0	6.7	6.3	8.0	7.2
PPG-TF-135	7.0	6.3	6.7	82.3	80.3	91.7	8.0	7.3	7.0	7.0	6.7	6.7	6.7	8.0	7.2
PST-5BRK	7.0	6.3	7.0	87.0	79.0	91.3	8.0	7.7	7.3	6.7	6.7	6.7	6.3	8.0	7.2
MERIDIAN (PST-5GRB)	7.3	7.3	8.0	83.3	72.3	91.3	8.0	7.3	7.0	6.7	7.0	7.0	6.7	8.0	7.2
TERRANO	7.3	6.7	7.0	82.7	78.7	91.3	7.7	7.3	7.3	6.7	7.0	6.7	7.0	8.0	7.2
ANNIHILATOR	7.0	7.7	7.3	68.7	64.7	88.0	8.3	7.3	6.3	6.7	6.7	6.3	6.7	8.3	7.1
FAITH	7.0	6.3	6.7	85.0	72.7	90.3	8.0	7.3	7.0	6.7	6.3	7.0	6.7	8.0	7.1
FALCON IV	7.0	6.0	7.0	75.3	64.3	91.0	7.3	7.0	7.0	7.0	7.0	7.0	7.0	7.3	7.1
IS-TF 285	7.3	6.3	7.3	80.3	73.0	88.0	8.0	7.0	7.0	6.7	7.0	6.7	7.0	7.7	7.1
ROCKWELL (LTP-TWUU)	7.7	6.0	7.0	86.0	76.0	93.3	8.0	7.0	6.7	7.0	7.0	6.7	6.7	8.0	7.1
MET 1	7.3	6.3	7.0	85.0	72.3	93.7	8.0	7.3	7.0	7.0	6.7	6.7	6.3	8.0	7.1
PPG-TF-169	7.0	6.3	7.0	79.7	79.3	91.3	8.0	7.7	7.0	7.0	6.3	6.7	6.3	8.0	7.1
PPG-TF-170	7.0	6.7	7.0	82.7	80.3	91.0	8.0	7.3	7.0	6.7	6.7	6.7	6.7	8.0	7.1
PSG-GSD	6.3	6.3	7.0	82.7	74.7	89.3	7.3	7.3	7.0	7.0	7.0	7.0	7.0	7.3	7.1
PST-5EX2	7.0	6.3	7.0	83.3	80.3	91.7	7.3	7.0	7.0	7.3	7.3	7.0	6.7	7.3	7.1
THUNDERSTRUCK (TD1)	7.7	6.3	7.0	77.7	68.3	86.7	8.0	7.7	6.7	6.7	6.7	6.7	6.3	8.0	7.1
ATF 1612	7.0	6.3	6.7	85.3	69.3	90.0	7.7	7.3	7.0	7.0	6.7	6.7	6.3	7.7	7.0
BAR FA 121095	7.3	6.3	6.7	76.3	63.7	87.3	7.3	7.3	7.0	6.7	6.7	6.7	6.7	7.3	7.0
FRONTLINE (EXP TF-09)	7.3	6.3	7.0	77.3	56.0	88.3	8.0	7.0	6.7	6.7	6.7	6.3	6.3	8.0	7.0
IS-TF 272	8.0	7.3	7.7	79.7	70.3	90.7	8.0	7.3	7.0	6.3	6.3	6.7	6.3	8.0	7.0
FOXHOUND (IS-TF 284 M2)	8.0	7.0	7.0	76.3	64.0	89.7	7.7	7.7	7.0	6.7	6.7	6.7	6.0	7.7	7.0
IS-TF 289	7.7	7.3	7.0	77.3	69.0	89.0	7.7	7.7	7.0	6.7	6.7	6.7	6.3	7.7	7.0
IS-TF 310 SEL	7.7	6.3	7.3	82.0	72.7	91.7	8.0	7.0	7.0	6.7	6.7	6.7	6.7	7.7	7.0
FIRECRACKER SLS (PPG-TF-105)	7.7	6.0	6.7	85.3	75.0	90.7	8.0	7.0	7.0	6.7	6.3	6.3	6.3	8.0	7.0
PPG-TF-138	7.3	6.3	7.0	84.7	70.0	90.3	8.0	7.3	6.7	6.7	6.3	6.7	6.3	8.0	7.0
PPG-TF-172	6.7	6.0	6.7	84.3	77.3	90.3	7.7	7.0	7.0	6.7	6.3	6.7	6.7	7.7	7.0
RAD-TF-92	7.3	7.3	7.7	85.7	72.0	87.3	7.7	7.0	6.7	6.7	7.0	6.7	6.7	7.7	7.0
SALTILLO (PST-5SALT)	6.7	6.3	7.0	80.7	75.3	89.0	7.7	7.7	7.0	6.7	6.3	6.3	6.0	8.0	7.0
BAR FA 121089	7.0	6.3	6.3	82.3	65.7	89.3	7.7	7.0	6.7	7.0	6.7	6.7	6.0	7.7	6.9
CATALYST	7.0	6.3	6.7	83.7	67.0	90.7	7.3	7.0	7.0	6.7	6.3	6.7	7.0	7.3	6.9
FALCON V	7.7	6.3	6.7	82.7	72.3	92.7	7.7	6.7	7.0	6.7	6.7	6.7	6.7	7.3	6.9
K12-13	7.7	7.7	7.7	67.0	68.0	88.3	7.7	7.3	7.0	6.3	6.0	6.3	6.7	7.7	6.9
ARES (PPG-TF-142)	7.3	6.7	7.3	68.3	68.7	87.3	8.0	7.3	6.7	6.3	6.0	6.3	6.3	8.0	6.9
PPG-TF-151	7.0	6.3	6.7	87.3	76.0	90.0	8.0	7.3	6.3	6.7	6.3	6.7	5.7	8.0	6.9
TEMPTATION (OR-21)	7.7	6.3	6.7	72.3	63.3	87.7	7.7	7.7	6.7	6.7	6.0	6.7	6.0	7.7	6.9
DZ1	7.3	6.3	7.3	77.0	72.0	85.7	7.3	7.7	6.7	6.3	6.0	6.3	6.0	7.7	6.8
GTO (BURL TF-2)	7.0	6.3	6.7	83.7	74.3	92.3	7.7	7.3	6.3	6.7	6.3	6.7	6.0	7.7	6.8
INSPIRATION (PST-R5NW)	7.0	6.0	6.3	73.0	73.0	90.3	7.7	7.0	6.3	6.3	6.3	6.3	6.3	7.7	6.8
JS 825	7.0	6.3	6.3	64.7	53.7	87.3	8.0	6.7	6.7	6.3	6.0	6.3	6.7	7.7	6.8
PSG-TT4	7.0	6.0	6.3	76.7	77.7	90.3	8.0	7.0	6.3	6.3	6.0	6.3	6.0	8.0	6.8

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										JUN	JUL	AUG	SEP	OCT		
HOT ROD (BURL TF-136)	7.3	6.7	7.3	82.0	66.0	89.0	7.3	6.7	6.7	6.3	6.3	6.3	6.3	7.3	6.7	
IS-TF 269 SEL	7.3	6.7	7.0	84.3	75.7	90.7	7.7	7.0	6.7	6.3	6.0	6.0	6.0	6.3	7.7	6.7
K12-05	7.7	7.0	7.3	72.3	62.3	90.3	8.0	7.3	6.3	6.0	6.0	6.0	6.0	5.7	8.0	6.7
PSG-8BP2	7.0	6.3	6.7	77.7	72.3	89.7	7.7	7.0	6.3	6.3	6.3	6.3	6.0	7.7	6.7	6.7
PST-5DZP	7.0	6.3	6.7	72.7	64.0	89.3	7.7	7.0	6.3	6.3	6.0	6.3	6.0	7.7	6.7	6.7
RAD-TF-83	7.7	6.7	7.7	79.3	70.3	89.3	7.7	7.0	6.0	6.3	6.3	6.3	6.0	7.7	6.7	6.7
W41	7.3	6.0	7.0	85.3	73.3	91.3	8.0	6.7	6.3	6.0	6.0	6.3	6.3	7.7	6.7	6.7
WARHAWK	7.0	6.7	6.7	62.0	60.3	88.0	7.7	7.3	6.7	6.3	5.3	6.3	6.0	7.7	6.7	6.7
GO-DFR	7.0	6.7	7.0	78.7	64.0	88.7	8.0	7.3	6.7	5.7	5.7	5.7	5.7	8.0	6.6	6.6
SCREAMER LS (PPG-TF-148)	7.0	6.3	6.7	82.3	76.7	90.3	7.7	7.3	6.3	6.3	5.7	6.3	5.7	7.7	6.6	6.6
KINGDOM (DB1)	7.7	7.0	7.3	70.0	63.7	89.7	7.7	7.0	6.3	6.0	5.3	6.0	5.7	7.7	6.5	6.5
IS-TF 276 M2	7.0	6.3	7.0	76.7	66.0	88.7	7.7	7.0	6.7	6.0	5.3	6.0	6.0	7.7	6.5	6.5
MARAUDER	7.3	7.7	7.0	59.0	69.0	91.0	8.0	7.7	6.3	5.7	5.3	5.7	5.7	8.0	6.5	6.5
RAD-TF-88	7.3	6.7	7.0	80.7	67.7	89.3	7.7	7.0	6.0	6.3	5.7	6.0	5.3	7.7	6.5	6.5
RAD-TF-89	7.7	6.3	7.3	86.0	73.0	88.7	7.7	6.7	6.0	6.0	6.3	6.3	6.0	7.3	6.5	6.5
AQUADUCT	6.7	6.3	6.7	76.3	69.0	87.0	7.7	6.3	6.0	5.7	6.0	5.7	5.3	7.3	6.3	6.3
BAR FA 120878	6.0	5.7	6.0	74.7	75.3	88.0	7.0	6.3	6.7	6.0	5.7	6.0	6.3	6.7	6.3	6.3
BAR FA 121091	7.3	6.3	6.7	73.7	68.0	88.3	7.3	6.7	6.3	6.0	5.7	5.7	5.7	7.3	6.3	6.3
COMP. RES. SST	6.3	7.0	7.0	56.7	66.3	86.0	7.3	7.7	6.0	5.7	5.0	5.7	5.0	7.7	6.3	6.3
JS 819	7.0	6.0	6.7	72.0	62.7	87.7	7.3	6.3	6.7	5.7	5.3	5.7	6.0	7.0	6.3	6.3
HOVER (BURL TF-69)	7.0	7.0	7.0	70.0	70.0	87.0	7.7	6.7	6.0	5.7	4.7	5.3	5.7	7.3	6.1	6.1
RAIN DANCE (PST-5SDT)	6.7	6.0	6.3	79.7	75.7	90.3	7.7	6.3	6.3	5.7	4.7	5.3	5.7	7.0	6.1	6.1
204 RES. BLK4	7.0	7.3	7.0	73.0	65.3	90.0	7.7	7.0	6.3	5.0	3.7	5.0	5.3	7.7	6.0	6.0
JS 818	7.3	6.3	6.7	71.0	63.7	86.7	7.3	6.7	5.7	5.7	4.7	5.7	5.3	7.3	6.0	6.0
JS 809	7.0	6.3	6.7	67.3	62.7	86.0	7.3	6.3	5.3	4.7	4.0	4.7	4.7	7.3	5.5	5.5
KY-31	3.3	5.0	5.3	84.7	80.7	89.7	4.0	5.3	5.3	5.3	5.3	5.3	5.7	5.0	5.2	5.2
LSD VALUE	0.8	1.3	1.2	8.4	12.5	4.2	0.7	1.2	1.1	1.6	2.2	1.5	1.8	0.7	1.0	1.0
C.V. (%)	6.7	8.9	7.1	6.6	9.0	2.4	5.4	7.8	8.6	11.3	16.0	10.9	12.2	5.0	7.6	7.6

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

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

TABLE 2.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT RIVERSIDE, CA 1/
2014 DATA

NAME	TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/												MEAN
	JAN	FEB	MAR	APR	MAY	QUALITY RATINGS			SEP	OCT	NOV	DEC	
						JUN	JUL	AUG					
REGENERATE	6.0	7.7	5.7	5.3	6.3	7.0	7.7	7.0	7.3	8.3	8.0	7.0	6.9
4TH MILLENNIUM SRP (U43)	6.0	7.3	5.7	6.0	6.3	7.7	7.0	7.3	7.3	7.7	7.7	6.3	6.9
TERRANO	6.3	7.0	5.0	5.7	6.0	6.3	7.0	7.3	7.0	7.7	7.7	7.0	6.7
RAD-TF-89	6.0	7.3	5.3	6.0	6.0	6.3	6.7	6.7	6.3	7.0	7.7	6.3	6.5
B23	6.0	6.3	5.3	5.7	6.0	6.3	6.7	5.7	7.0	7.3	7.3	6.7	6.4
BIZEM	6.3	7.3	5.3	5.7	7.3	6.7	7.0	5.7	6.7	6.3	7.0	5.3	6.4
HEMI	5.7	7.0	4.7	5.3	6.0	6.7	7.3	7.0	7.3	7.3	6.3	6.0	6.4
RAPTOR III (ZW 44)	6.3	7.3	5.0	5.3	5.7	7.3	6.7	6.0	6.7	7.7	6.7	6.0	6.4
ATF 1736	6.0	7.3	4.7	5.7	6.3	6.0	6.7	7.0	6.7	6.3	7.0	6.0	6.3
CCR2	5.7	6.7	5.0	6.3	6.3	6.0	6.7	6.0	7.0	6.0	7.0	6.3	6.3
FALCON IV	5.7	7.0	4.7	5.3	6.7	6.0	6.7	6.7	6.3	6.3	7.0	7.0	6.3
FESNOVA	6.3	6.7	5.0	5.3	6.0	6.3	6.7	6.0	6.0	7.3	7.0	7.0	6.3
IS-TF 272	6.0	7.0	5.3	5.7	5.3	6.7	7.0	6.7	6.0	7.0	7.0	5.7	6.3
IS-TF 311	6.0	6.3	5.3	6.0	6.0	5.7	6.7	6.7	6.3	6.7	7.3	6.0	6.3
IS-TF-287	6.0	6.7	5.0	5.7	5.0	6.3	6.3	6.3	7.3	7.0	7.3	6.7	6.3
JS 916	6.0	7.3	5.3	6.0	6.0	6.7	7.0	5.3	6.0	7.3	6.7	6.0	6.3
MET-3	6.3	7.3	5.3	6.3	6.7	6.3	7.3	5.7	6.3	6.0	6.0	6.0	6.3
PPG-TF-169	5.3	7.0	5.3	6.0	5.7	5.7	7.0	5.7	7.0	7.3	6.7	6.3	6.3
PST-5MVD	6.7	6.3	5.0	6.3	7.0	6.3	6.7	6.0	6.3	6.3	7.0	6.0	6.3
W41	6.0	6.7	5.3	5.7	6.7	6.3	7.3	6.0	6.7	7.0	6.3	5.3	6.3
ATF 1612	6.0	7.0	5.3	5.0	5.3	6.3	7.3	6.7	6.0	7.0	6.0	6.7	6.2
CATALYST	5.0	5.7	5.0	5.7	5.7	6.3	7.0	6.3	6.7	7.3	7.0	6.7	6.2
GTO (BURL TF-2)	6.0	7.0	4.3	5.7	5.7	6.7	6.7	6.0	6.3	6.7	6.7	6.7	6.2
IS-TF 289	6.0	7.3	5.0	6.3	6.0	5.7	6.0	5.7	7.0	6.7	7.0	6.0	6.2
MET 6 SEL	5.7	6.7	5.0	6.0	4.7	6.0	6.3	6.3	6.7	7.3	7.3	6.3	6.2
BLACK TAIL (PPG-TF-150)	5.7	6.7	5.3	5.3	6.7	6.0	6.7	6.3	6.3	6.0	6.7	6.7	6.2
PST-5BPO	5.7	7.3	5.0	5.7	6.0	5.7	6.3	6.3	6.7	7.0	7.0	6.0	6.2
PST-5BRK	6.0	6.3	5.0	6.0	6.0	6.3	6.0	6.7	6.3	7.3	6.3	6.0	6.2
204 RES. BLK4	6.3	7.0	4.7	5.3	5.7	6.0	7.0	6.0	5.7	6.7	6.7	6.7	6.1
ANNIHILATOR	6.7	7.3	5.7	5.3	6.0	5.7	5.7	6.0	5.3	6.7	6.7	6.7	6.1
KINGDOM (DB1)	5.7	6.7	5.3	6.0	6.3	6.7	7.0	6.3	5.7	6.3	6.3	5.3	6.1
FALCON V	6.0	6.3	4.3	4.7	6.3	6.0	7.0	6.3	6.7	6.3	7.0	6.0	6.1
HOT ROD (BURL TF-136)	6.0	6.3	5.0	5.7	5.7	6.0	7.0	6.3	6.3	6.7	5.7	6.3	6.1
IS-TF 310 SEL	6.7	6.0	5.0	6.0	6.3	6.0	7.0	6.7	5.7	5.7	5.7	6.3	6.1
K12-MCD	5.3	6.7	5.3	5.7	6.3	6.7	6.3	5.7	6.3	6.7	6.3	6.3	6.1
PPG-TF-137	5.3	6.7	4.7	5.7	6.0	6.0	7.0	5.7	6.7	6.7	6.7	6.3	6.1
XTENDER (PPG-TF-139)	6.7	6.7	5.3	5.7	6.7	6.0	6.3	5.3	5.3	6.3	6.7	5.7	6.1
DYNAMITE LS (PPG-TF-145)	6.3	7.0	5.0	6.0	6.0	5.3	6.7	5.3	5.7	6.7	6.7	6.3	6.1
PSG-P01	5.7	7.0	5.0	5.7	5.7	6.3	6.7	5.3	5.7	6.7	7.0	6.0	6.1
PST-5EV2	6.3	7.3	5.3	6.0	5.7	6.3	6.7	5.3	6.3	6.3	6.0	6.0	6.1
TECHNIQUE (RZ2)	5.7	6.7	4.7	6.3	5.7	6.3	6.7	6.7	5.3	5.7	7.0	6.0	6.1
ROWDY (SRX-TPC)	5.7	6.3	5.0	6.3	5.7	6.7	6.7	5.7	6.3	7.0	5.7	6.0	6.1
MAESTRO (T31)	6.3	7.0	5.0	5.3	4.3	6.0	6.7	5.3	6.3	7.7	7.0	6.3	6.1
REFLECTION (U45)	6.0	7.0	5.0	5.3	5.7	6.3	6.7	6.0	5.3	6.3	7.0	6.3	6.1
TRAVERSE 2 SRP (W45)	6.0	6.7	5.0	5.3	5.7	6.0	7.0	6.3	5.7	7.3	7.0	5.3	6.1

TABLE 2. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT RIVERSIDE, CA 1/
2014 DATA

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

NAME	QUALITY RATINGS												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
DZ1	5.7	6.7	5.0	6.7	6.3	6.3	5.7	5.3	5.7	6.0	6.3	6.0	6.0
INSPIRATION (PST-R5NW)	5.7	6.3	5.0	4.7	6.0	6.3	6.3	6.3	6.3	6.7	6.3	6.0	6.0
TURFWAY (IS-TF 282 M2)	6.3	7.3	4.7	6.3	5.7	6.0	6.3	6.3	5.0	6.3	6.7	5.0	6.0
FOXHOUND (IS-TF 284 M2)	6.0	6.3	5.0	5.7	5.3	5.7	6.0	6.7	6.3	7.0	7.0	5.3	6.0
IS-TF 308 SEL	5.0	6.0	4.7	6.0	5.7	5.3	7.0	5.7	7.0	6.3	6.7	6.7	6.0
DIABLO (IS-TF 330)	5.7	6.7	4.7	6.0	5.7	6.3	6.7	6.3	6.7	5.3	6.0	6.0	6.0
MICHELANGELO (LTP-F5DPDR)	5.7	6.3	5.0	5.3	5.7	6.0	6.3	5.7	6.7	6.7	6.3	6.3	6.0
PPG-TF-135	5.7	6.0	4.7	5.7	7.0	6.3	6.7	5.7	6.7	6.7	6.3	5.0	6.0
ARES (PPG-TF-142)	6.3	6.7	4.7	6.0	6.7	6.0	6.3	5.7	5.3	5.3	6.0	6.7	6.0
TITANIUM 2LS (PPG-TF-152)	5.3	7.0	5.3	6.0	7.0	5.3	6.0	5.7	6.7	6.0	6.0	5.7	6.0
PST-5EX2	6.3	6.7	4.7	5.0	6.3	6.0	6.7	6.0	6.0	6.0	6.3	5.7	6.0
RAD-TF-83	6.3	6.3	4.3	6.0	6.0	6.0	6.0	6.7	5.7	6.0	6.7	6.3	6.0
RHAMBLER 2 SRP (LSD)	6.0	6.3	5.0	5.3	5.7	6.3	6.7	6.7	5.7	7.0	6.3	5.3	6.0
ATF 1704	6.0	6.7	4.7	5.0	5.0	6.0	6.7	6.3	6.0	6.7	6.0	6.3	5.9
BAR FA 121095	5.3	6.3	4.7	5.3	6.3	5.7	7.0	6.3	5.7	5.7	6.0	6.0	5.9
HOVER (BURL TF-69)	5.7	6.7	4.3	4.7	6.3	5.7	6.0	6.0	6.7	6.7	7.0	5.7	5.9
CAESAR (TY 10)	5.7	5.7	5.0	5.7	5.0	5.3	6.7	5.7	6.0	7.0	7.0	6.7	5.9
F711	6.3	6.0	5.0	4.7	4.7	6.0	7.0	6.3	6.3	7.0	5.7	6.0	5.9
FAITH	5.3	6.3	5.3	6.0	5.7	6.7	6.7	5.7	6.0	5.7	6.3	5.3	5.9
FIREBIRD 2	6.0	6.7	4.7	5.3	5.3	5.7	6.3	6.0	6.3	7.0	6.0	5.3	5.9
GO-DFR	6.7	6.0	4.7	5.7	5.7	6.0	6.3	5.7	5.7	5.7	6.3	6.0	5.9
LEONARDO (LTP-FSD)	5.7	6.0	4.7	5.0	5.3	5.3	6.3	5.7	6.0	7.7	6.0	6.7	5.9
MET 1	5.7	6.7	4.3	4.7	5.0	6.0	7.0	6.0	5.3	7.0	6.0	7.0	5.9
PPG-TF-115	6.0	5.7	4.7	6.0	6.3	6.0	6.0	6.3	5.0	6.3	6.0	6.3	5.9
PPG-TF-138	5.7	6.3	5.0	5.3	6.7	5.7	6.3	5.7	5.3	6.7	6.3	6.0	5.9
SCREAMER LS (PPG-TF-148)	6.0	6.7	5.0	5.3	5.7	5.7	6.0	5.0	6.3	6.0	6.7	6.3	5.9
THOR (PPG-TF-157)	5.3	7.3	4.7	5.0	5.7	6.0	6.0	5.3	6.3	6.3	6.7	6.0	5.9
PPG-TF-170	6.3	6.3	5.3	5.3	5.3	5.0	6.3	5.7	6.3	6.3	7.0	6.0	5.9
PSG-TT4	6.0	6.7	5.0	5.3	4.7	6.0	6.0	6.0	7.0	6.3	6.3	6.0	5.9
RAD-TF-88	6.3	6.7	4.7	5.3	6.0	5.7	6.3	6.7	5.7	6.0	6.0	5.7	5.9
RAD-TF-92	6.3	6.3	5.0	5.0	6.0	6.3	6.3	6.0	5.0	6.3	6.0	6.3	5.9
WARHAWK	6.0	6.7	4.3	5.7	6.0	6.0	6.7	6.0	5.7	6.0	6.3	5.7	5.9
IS-TF 305 SEL	6.0	6.7	4.7	5.3	4.7	5.7	6.0	6.3	6.0	7.0	6.0	5.7	5.8
ROCKWELL (LTP-TWUU)	5.3	6.3	5.0	5.0	5.0	5.7	5.7	6.0	6.3	6.0	6.7	6.3	5.8
FIRECRACKER SLS (PPG-TF-105)	6.0	7.0	4.7	5.0	5.7	5.3	6.0	5.7	5.7	6.7	6.0	5.3	5.8
SWAGGER (PST-5R05)	5.7	6.0	4.3	5.3	5.7	6.0	6.0	5.7	6.0	6.7	6.3	6.0	5.8
BAR FA 120878	5.3	6.7	4.7	6.0	6.3	6.3	5.7	6.3	4.7	5.0	5.3	5.7	5.7
BULLSEYE	5.3	7.3	4.7	5.3	6.0	5.3	5.7	5.3	5.3	6.0	5.7	6.3	5.7
FRONTLINE (EXP TF-09)	5.3	5.7	5.0	5.0	5.0	5.3	6.0	5.7	6.0	6.7	6.3	6.3	5.7
GRANDE 3	4.7	6.3	4.7	5.0	4.7	6.3	5.7	5.7	5.3	7.3	6.7	6.3	5.7
FAYETTE (IS-TF 291)	5.3	6.0	4.7	4.7	5.3	6.0	6.3	5.7	5.7	6.3	6.3	6.0	5.7
IS-TF 307 SEL	5.7	6.3	4.3	6.0	5.3	5.7	6.3	5.7	5.7	5.7	6.3	5.7	5.7
JS 818	6.0	6.7	4.3	4.7	5.0	5.7	6.3	5.0	5.0	6.7	7.3	6.0	5.7
K12-13	5.0	7.0	4.3	5.0	5.0	5.7	6.7	6.3	5.3	6.3	5.7	6.0	5.7
PPG-TF-151	5.7	6.7	4.7	6.0	5.0	4.7	4.7	5.0	6.0	6.7	7.0	6.0	5.7

TABLE 2. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT RIVERSIDE, CA 1/
2014 DATA

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

NAME	QUALITY RATINGS												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
FIREWALL (PSG-WE1)	5.7	6.3	4.7	5.0	5.0	6.0	5.7	6.0	6.3	5.7	5.7	6.3	5.7
MERIDIAN (PST-5GRB)	5.3	6.3	5.0	4.7	5.7	6.0	6.0	5.3	5.3	7.3	6.3	5.3	5.7
SALTILLO (PST-5SALT)	5.7	6.0	4.7	5.3	6.3	6.0	6.3	6.0	4.7	5.7	5.3	6.3	5.7
THUNDERSTRUCK (TD1)	5.0	6.3	5.0	6.0	5.0	5.7	6.3	5.7	5.7	5.7	6.3	5.7	5.7
AQUADUCT	5.7	6.3	5.0	5.0	5.7	5.3	6.0	6.0	4.7	6.3	5.7	5.7	5.6
COMP. RES. SST	5.3	6.3	4.3	5.3	5.0	5.7	6.0	5.7	5.7	6.0	6.0	5.7	5.6
IS-TF 269 SEL	6.0	6.0	4.3	5.3	4.7	5.7	6.0	6.3	5.7	5.3	6.7	5.7	5.6
IS-TF 276 M2	6.0	6.3	4.0	4.0	4.3	6.0	6.3	6.7	5.3	6.3	6.3	5.3	5.6
JS 809	5.7	7.3	4.7	5.0	5.7	5.7	6.0	5.7	5.0	5.7	5.7	5.7	5.6
JS 819	5.0	5.7	5.7	5.7	5.0	5.7	6.3	5.3	4.7	6.3	6.0	6.3	5.6
K12-05	6.0	7.3	4.3	5.3	4.3	5.0	5.7	5.7	5.0	5.7	6.3	6.0	5.6
PPG-TF-172	5.7	6.3	4.3	5.3	5.7	5.0	6.0	5.3	5.0	6.0	7.0	5.7	5.6
PSG-8BP2	5.3	6.7	5.0	5.0	4.7	5.7	6.7	6.0	5.3	7.0	5.7	4.7	5.6
PSG-GSD	5.3	6.0	5.0	5.0	5.0	5.3	6.0	5.3	5.0	6.3	7.0	6.3	5.6
PST-5DZP	6.0	6.0	4.3	5.0	5.0	5.0	6.3	5.7	5.7	6.3	6.0	6.0	5.6
RAIN DANCE (PST-5SDT)	4.7	5.7	4.7	5.3	5.0	6.0	6.3	6.0	6.0	6.7	5.7	5.3	5.6
MARAUDER	5.7	6.3	4.0	5.0	5.0	5.7	5.7	6.3	5.3	6.0	6.0	5.3	5.5
TEMPTATION (OR-21)	5.3	6.3	4.3	5.0	4.3	5.0	5.3	6.0	5.3	6.3	6.3	6.7	5.5
BAR FA 121089	5.7	5.7	4.3	4.7	6.3	5.7	5.7	6.0	4.7	5.0	5.7	5.7	5.4
JS 825	6.7	6.3	3.7	4.7	4.7	5.3	6.7	5.0	4.3	6.0	6.0	5.3	5.4
AVENGER II (PPG-TF-156)	5.7	6.3	4.7	5.0	4.7	5.0	4.7	5.7	5.3	6.0	5.7	5.7	5.4
ATF 1754	6.0	6.0	4.0	4.3	6.7	5.0	5.3	5.7	4.7	6.0	5.0	5.0	5.3
BAR FA 121091	5.7	6.3	4.3	4.7	5.7	5.0	5.7	5.7	5.0	4.3	5.0	6.0	5.3
IS-TF 285	5.0	5.3	4.0	4.7	4.7	5.0	6.0	5.3	5.0	6.0	5.7	6.3	5.3
PICK-W43	6.7	7.0	4.7	4.3	3.7	4.3	5.0	5.0	5.3	5.7	6.0	6.3	5.3
KY-31	4.0	5.0	3.0	3.0	3.0	4.0	5.0	5.3	3.7	5.0	5.0	5.0	4.3
LSD VALUE	3.6	3.4	3.6	1.7	1.7	2.8	3.3	3.1	4.3	3.5	2.4	2.2	1.3
C.V. (%)	14.0	12.9	15.8	13.9	15.4	14.7	14.0	13.9	19.8	16.2	13.5	12.4	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 2. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT RIVERSIDE, CA 1/
2014 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR
REGENERATE	8.0	7.3	5.7	6.7	7.3	7.0	80.0	70.0	97.7	7.3
4TH MILLENNIUM SRP (U43)	7.7	6.0	5.7	6.3	6.0	6.7	80.0	80.0	99.0	7.3
TERRANO	8.0	7.3	5.3	6.0	6.3	7.0	80.0	76.7	93.0	7.7
RAD-TF-89	7.7	6.0	6.3	6.7	6.7	6.3	73.3	60.0	94.7	8.0
B23	7.3	5.7	5.7	6.0	7.7	6.3	76.7	76.7	96.3	7.0
BIZEM	7.7	6.0	5.7	5.7	7.3	6.3	76.7	73.3	91.7	7.7
HEMI	7.7	5.3	6.3	5.7	7.3	7.3	76.7	73.3	95.0	6.7
RAPTOR III (ZW 44)	8.0	5.3	5.7	6.3	6.3	7.0	81.7	60.0	94.3	7.3
ATF 1736	8.0	5.7	5.3	6.0	5.7	6.7	70.0	73.3	96.3	7.0
CCR2	7.7	4.7	6.0	6.0	6.7	6.7	73.3	63.3	97.7	7.0
FALCON IV	7.7	6.0	5.0	5.3	7.7	7.0	66.7	66.7	94.7	6.3
FESNOVA	8.0	6.0	6.0	6.7	6.7	7.0	76.7	63.3	94.7	7.0
IS-TF 272	8.0	5.7	5.7	6.7	7.0	7.0	76.7	66.7	94.7	7.3
IS-TF 311	8.0	6.0	5.7	6.7	6.0	6.3	70.0	70.0	85.0	6.7
IS-TF-287	8.0	4.7	5.3	5.7	6.3	7.3	73.3	70.0	96.3	7.0
JS 916	7.7	6.7	5.3	6.0	7.0	6.0	76.7	63.3	91.7	7.3
MET-3	7.3	5.7	6.3	5.7	7.0	5.7	76.7	66.7	97.7	7.7
PPG-TF-169	8.0	6.0	5.7	6.3	6.7	7.0	86.7	73.3	96.3	8.0
PST-5MVD	7.7	5.7	5.7	6.0	6.3	6.0	80.0	70.0	93.3	6.7
W41	7.7	5.0	6.0	5.7	6.3	7.0	66.7	66.7	94.7	7.7
ATF 1612	7.0	5.3	6.3	6.3	6.3	6.3	66.7	63.3	93.0	7.0
CATALYST	7.7	6.7	5.3	5.7	6.3	6.3	68.3	66.7	95.0	7.3
GTO (BURL TF-2)	7.7	5.0	6.0	5.7	7.3	6.7	73.3	66.7	93.0	8.0
IS-TF 289	8.0	6.3	5.0	6.0	6.3	7.0	70.0	66.7	97.7	6.7
MET 6 SEL	7.3	5.0	5.3	5.7	7.0	7.0	73.3	63.3	96.3	7.3
BLACK TAIL (PPG-TF-150)	7.3	5.3	6.3	5.3	6.3	6.7	75.0	66.7	96.3	7.0
PST-5BPO	7.7	5.7	5.0	6.3	7.0	6.7	76.7	66.7	93.3	7.3
PST-5BRK	7.7	5.7	5.0	5.7	7.3	6.3	80.0	70.0	95.0	6.7
204 RES. BLK4	7.7	5.7	6.0	6.0	6.7	5.0	70.0	63.3	97.7	7.3
ANNIHILATOR	7.3	5.0	5.0	6.3	5.7	5.7	73.3	50.0	93.3	7.0
KINGDOM (DB1)	8.0	6.7	5.3	6.0	7.3	5.7	80.0	73.3	94.7	7.3
FALCON V	7.7	6.0	5.3	5.7	7.0	6.7	63.3	63.3	94.7	7.0
HOT ROD (BURL TF-136)	8.0	5.3	6.0	5.7	6.3	7.0	68.3	70.0	96.3	7.3
IS-TF 310 SEL	8.0	5.7	5.3	5.7	5.3	6.0	80.0	73.3	94.7	7.0
K12-MCD	7.7	6.0	5.7	6.3	7.0	6.0	73.3	63.3	94.7	7.7
PPG-TF-137	7.7	5.3	6.0	6.3	6.7	7.0	76.7	60.0	93.3	7.3
XTENDER (PPG-TF-139)	7.7	6.3	5.3	5.3	5.7	6.0	71.7	66.7	94.7	7.3
DYNAMITE LS (PPG-TF-145)	8.0	5.7	5.0	6.0	5.7	6.7	80.0	60.0	91.3	7.0
PSG-P01	8.0	5.7	5.7	6.7	6.7	5.7	73.3	70.0	97.7	8.0
PST-5EV2	7.7	6.0	5.0	5.0	6.0	6.7	73.3	66.7	94.7	7.3
TECHNIQUE (R22)	7.3	6.0	5.0	6.0	6.7	6.0	76.7	66.7	96.3	7.0
ROWDY (SRX-TPC)	8.0	6.0	6.7	6.7	7.3	6.7	75.0	63.3	99.0	7.3
MAESTRO (T31)	7.7	6.0	5.3	6.3	6.0	6.3	73.3	53.3	96.3	7.3
REFLECTION (U45)	8.0	5.3	5.0	5.7	7.0	6.3	73.3	73.3	96.3	7.3
TRAVERSE 2 SRP (W45)	7.7	6.0	5.0	6.3	6.0	6.0	73.3	70.0	94.7	6.7

TABLE 2. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT RIVERSIDE, CA 1/
2014 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR
DZ1	8.0	5.7	5.3	6.3	6.7	6.0	76.7	66.7	96.3	7.3
INSPIRATION (PST-R5NW)	7.7	5.7	5.3	5.3	6.7	6.7	70.0	60.0	96.0	7.0
TURFWAY (IS-TF 282 M2)	8.0	5.3	5.7	5.7	6.0	5.3	76.7	76.7	97.7	7.7
FOXHOUND (IS-TF 284 M2)	8.0	6.3	5.0	6.0	6.7	6.3	73.3	63.3	95.0	7.0
IS-TF 308 SEL	7.3	5.7	5.3	6.0	6.7	7.0	73.3	63.3	94.7	7.0
DIABLO (IS-TF 330)	8.0	5.7	5.7	5.7	7.0	7.3	73.3	70.0	99.0	7.0
MICHELANGELO (LTP-F5DPDR)	7.3	6.3	5.7	5.0	6.3	6.3	70.0	73.3	96.3	6.7
PPG-TF-135	7.7	6.0	6.0	7.3	7.0	7.0	80.0	73.3	93.3	7.3
ARES (PPG-TF-142)	7.7	6.3	5.3	6.0	6.0	5.7	71.7	60.0	94.7	7.3
TITANIUM 2LS (PPG-TF-152)	8.0	5.7	5.0	5.7	6.0	6.7	76.7	70.0	95.0	7.7
PST-5EX2	8.0	5.7	5.3	5.7	6.3	6.3	70.0	63.3	96.0	7.0
RAD-TF-83	7.7	6.3	5.3	5.3	6.0	6.3	70.0	66.7	97.7	7.0
RHAMBLER 2 SRP (LSD)	8.0	6.7	5.3	6.0	6.3	6.7	70.0	76.7	99.0	7.3
ATF 1704	7.7	5.7	5.3	5.3	6.3	6.7	70.0	63.3	91.7	6.7
BAR FA 121095	7.3	6.0	5.0	5.0	6.3	6.7	70.0	63.3	94.7	6.7
HOVER (BURL TF-69)	7.3	5.3	5.0	4.7	6.3	6.7	73.3	63.3	93.0	7.3
CAESAR (TY 10)	7.7	5.0	5.7	6.0	6.7	6.7	76.7	53.3	95.0	6.3
F711	7.7	5.3	5.0	5.7	6.3	6.7	70.0	46.7	96.3	7.0
FAITH	7.3	5.7	6.3	6.3	7.0	6.3	73.3	70.0	93.0	7.3
FIREBIRD 2	7.3	5.3	5.7	5.3	6.3	6.3	73.3	73.3	93.0	7.3
GO-DFR	8.0	5.7	5.0	6.0	6.7	6.0	66.7	60.0	96.3	6.7
LEONARDO (LTP-FSD)	8.0	5.7	5.0	5.0	5.0	6.0	63.3	63.3	88.3	7.3
MET 1	7.7	5.3	5.3	5.3	6.0	5.3	66.7	43.3	97.7	7.3
PPG-TF-115	7.7	5.3	5.0	6.0	7.0	6.3	73.3	70.0	91.7	6.3
PPG-TF-138	7.3	5.3	5.7	5.7	6.7	6.0	66.7	73.3	97.7	7.7
SCREAMER LS (PPG-TF-148)	8.0	6.3	6.0	5.3	6.3	6.7	66.7	66.7	97.7	7.3
THOR (PPG-TF-157)	8.0	5.7	4.7	5.3	6.3	6.3	66.7	73.3	95.0	7.7
PPG-TF-170	7.7	5.3	5.7	6.0	6.3	7.0	80.0	63.3	91.7	7.0
PSG-TT4	7.7	5.3	5.3	5.0	5.7	6.3	66.7	56.7	97.7	7.3
RAD-TF-88	8.0	5.7	4.7	5.7	6.0	6.7	76.7	63.3	97.7	6.7
RAD-TF-92	7.7	5.3	5.0	6.0	6.7	5.7	73.3	63.3	93.3	7.0
WARHAWK	7.7	6.3	5.3	5.3	6.3	6.0	66.7	56.7	94.7	7.0
IS-TF 305 SEL	7.7	5.3	6.0	5.3	6.0	6.0	66.7	50.0	94.7	7.3
ROCKWELL (LTP-TWUU)	7.7	5.3	4.7	5.0	6.7	6.0	66.7	66.7	94.7	7.3
FIRECRACKER SLS (PPG-TF-105)	7.7	6.3	5.3	5.0	6.0	5.7	76.7	66.7	96.3	6.7
SWAGGER (PST-5R05)	7.7	5.7	5.0	5.7	6.7	7.3	66.7	66.7	97.7	6.3
BAR FA 120878	8.0	7.3	5.3	5.7	7.0	5.3	76.7	60.0	99.0	6.7
BULLSEYE	8.0	5.7	4.7	5.3	5.7	6.3	70.0	66.7	90.0	6.3
FRONTLINE (EXP TF-09)	7.7	5.0	6.0	6.3	5.7	7.0	68.3	56.7	93.0	7.0
GRANDE 3	7.7	4.7	6.0	5.3	6.3	5.7	63.3	60.0	91.7	7.0
FAYETTE (IS-TF 291)	8.0	5.0	5.7	5.3	6.7	6.3	60.0	50.0	91.7	7.3
IS-TF 307 SEL	8.0	5.0	4.7	5.3	6.7	6.0	76.7	66.7	95.0	7.0
JS 818	7.7	7.3	5.7	5.7	6.0	6.0	68.3	56.7	96.0	7.3
K12-13	8.0	4.7	6.0	5.7	6.0	6.0	66.7	63.3	99.0	7.7
PPG-TF-151	7.7	5.3	5.0	5.7	5.7	6.3	70.0	53.3	88.0	7.3

TABLE 2. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT RIVERSIDE, CA 1/
2014 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR
FIREWALL (PSG-WE1)	7.3	5.0	5.7	6.3	6.7	6.3	73.3	60.0	93.3	7.0
MERIDIAN (PST-5GRB)	7.7	5.3	4.7	4.7	6.0	6.0	66.7	63.3	94.7	6.3
SALTILLO (PST-5SALT)	7.7	6.0	5.0	5.3	7.0	5.7	73.3	73.3	99.0	7.7
THUNDERSTRUCK (TD1)	7.7	5.3	5.7	5.7	6.0	5.7	73.3	63.3	96.0	6.7
AQUADUCT	8.0	6.3	5.0	5.7	5.7	5.3	71.7	83.3	94.7	7.7
COMP. RES. SST	7.3	5.7	5.7	5.7	6.0	5.7	70.0	50.0	94.7	6.7
IS-TF 269 SEL	8.0	6.0	5.0	5.3	6.3	6.0	66.7	63.3	99.0	6.7
IS-TF 276 M2	7.7	5.3	6.0	4.3	6.0	5.7	63.3	46.7	94.3	6.7
JS 809	8.0	7.0	5.7	6.0	6.0	5.0	73.3	73.3	99.0	7.0
JS 819	8.0	6.0	5.7	6.0	5.7	5.0	70.0	60.0	96.3	7.0
K12-05	7.7	5.0	5.3	5.3	5.7	6.0	70.0	53.3	81.7	7.7
PPG-TF-172	7.7	5.3	5.0	5.0	6.0	5.7	73.3	60.0	78.3	7.0
PSG-8BP2	7.3	5.7	5.7	6.0	6.0	6.0	73.3	60.0	94.7	7.3
PSG-GSD	7.3	5.3	5.7	5.0	5.7	6.0	73.3	70.0	89.3	7.3
PST-5DZP	7.3	5.3	4.7	6.0	6.0	6.7	63.3	60.0	95.0	7.0
RAIN DANCE (PST-5SDT)	7.7	5.3	4.7	5.3	6.3	6.3	66.7	70.0	95.0	7.0
MARAUDER	7.7	6.3	5.0	5.7	5.7	6.0	63.3	63.3	97.7	7.0
TEMPTATION (OR-21)	7.7	5.0	5.3	5.7	6.0	6.7	63.3	53.3	96.0	6.3
BAR FA 121089	8.0	5.3	4.7	4.7	5.7	5.3	66.7	63.3	96.0	6.3
JS 825	7.3	5.7	4.0	4.7	5.7	5.3	63.3	56.7	93.0	6.3
AVENGER II (PPG-TF-156)	7.3	5.0	5.7	5.7	5.3	6.3	60.0	60.0	86.3	6.7
ATF 1754	6.7	5.7	4.0	4.7	5.3	5.0	73.3	76.7	96.3	6.3
BAR FA 121091	7.7	6.0	4.3	4.7	6.0	4.7	60.0	63.3	90.0	6.3
IS-TF 285	8.0	5.7	4.7	4.7	5.7	5.3	66.7	66.7	99.0	6.7
PICK-W43	7.7	6.0	5.3	6.0	5.3	5.3	66.7	46.7	74.7	6.7
KY-31	6.7	6.0	5.3	5.0	4.0	4.7	61.7	73.3	94.7	6.0
LSD VALUE	2.0	1.3	1.7	2.3	1.8	4.9	29.8	18.8	16.7	2.8
C.V. (%)	6.1	11.7	12.8	14.1	12.4	16.9	11.8	14.3	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.

TABLE 3.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT STORRS, CT 1/
2014 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	QUALITY RATINGS							MEAN
				MAY	JUN	JUL	AUG	SEP	OCT		
THOR (PPG-TF-157)	8.0	4.7	7.0	8.0	7.7	7.3	7.3	7.7	7.7	7.6	
IS-TF 310 SEL	8.0	4.3	7.0	8.0	7.3	5.7	7.0	7.7	7.3	7.2	
PPG-TF-115	6.7	4.7	5.7	7.0	7.7	7.3	7.0	7.0	6.7	7.1	
W41	7.0	5.7	5.7	7.0	7.0	6.7	7.7	7.3	7.0	7.1	
HOVER (BURL TF-69)	7.7	4.0	6.3	6.7	7.7	6.7	7.0	7.0	7.0	7.0	
ARES (PPG-TF-142)	8.7	5.0	7.3	6.3	7.7	7.0	6.7	7.3	7.0	7.0	
IS-TF 311	7.0	6.0	6.3	6.7	7.3	6.0	6.7	7.3	7.3	6.9	
ROCKWELL (LTP-TWUU)	7.0	6.0	6.3	7.0	7.0	6.3	6.7	6.7	7.7	6.9	
ROWDY (SRX-TPC)	7.0	4.7	6.3	7.0	7.3	6.3	6.7	7.3	6.7	6.9	
4TH MILLENNIUM SRP (U43)	6.7	5.0	6.0	6.7	6.3	5.7	6.7	8.3	8.0	6.9	
REFLECTION (U45)	7.3	4.7	5.7	6.3	7.0	6.7	7.3	7.3	7.0	6.9	
RAPTOR III (ZW 44)	7.0	4.7	6.0	7.0	7.0	6.3	6.7	7.7	6.7	6.9	
K12-MCD	6.0	4.3	6.3	6.3	6.7	6.7	7.7	7.0	6.7	6.8	
PICK-W43	7.0	5.7	6.0	7.0	7.0	5.7	6.0	7.7	7.7	6.8	
DYNAMITE LS (PPG-TF-145)	8.0	6.3	6.0	6.7	8.0	7.0	6.0	7.0	6.3	6.8	
RHAMBLER 2 SRP (LSD)	7.0	4.7	6.0	7.3	7.0	6.7	6.3	7.3	6.0	6.8	
HEMI	6.7	5.3	6.3	7.0	7.0	6.0	6.3	6.7	7.0	6.7	
FOXHOUND (IS-TF 284 M2)	8.3	4.7	6.0	7.0	7.7	6.3	6.7	6.7	6.0	6.7	
DIABLO (IS-TF 330)	7.7	4.3	6.3	7.0	7.0	6.3	6.0	6.7	7.0	6.7	
LEONARDO (LTP-FSD)	6.7	5.3	6.0	6.7	6.7	6.3	7.0	6.7	7.0	6.7	
PPG-TF-135	6.0	5.0	6.0	7.0	7.0	6.3	6.3	6.3	7.3	6.7	
PPG-TF-137	7.0	5.0	6.3	6.7	7.0	6.0	5.7	7.7	7.3	6.7	
PPG-TF-151	6.7	4.3	6.0	7.3	6.7	6.3	6.3	7.0	6.7	6.7	
TRAVERSE 2 SRP (W45)	6.7	6.0	7.0	7.0	6.7	6.0	6.3	7.0	7.3	6.7	
BIZEM	7.0	4.7	6.0	6.0	7.0	6.3	6.7	6.7	6.7	6.6	
KINGDOM (DB1)	7.7	3.7	6.0	6.7	7.0	6.3	6.3	7.0	6.0	6.6	
FAYETTE (IS-TF 291)	7.0	5.3	6.0	6.0	6.3	6.0	6.7	7.3	7.3	6.6	
IS-TF-287	7.0	5.3	6.3	6.7	6.7	6.3	6.3	6.7	7.0	6.6	
FIRECRACKER SLS (PPG-TF-105)	7.7	4.3	6.3	6.0	6.3	6.0	6.3	7.7	7.0	6.6	
PST-5BRK	6.7	6.0	6.3	6.0	7.0	6.3	6.3	6.7	7.0	6.6	
MAESTRO (T31)	7.0	5.7	6.0	7.0	7.3	5.7	6.0	7.0	6.7	6.6	
TITANIUM 2LS (PPG-TF-152)	7.7	5.3	6.7	6.7	6.7	6.3	6.3	6.3	6.7	6.5	
PST-5EX2	5.7	5.7	4.7	6.0	6.7	6.0	6.7	7.0	6.7	6.5	
SALTILLO (PST-5SALT)	6.0	5.0	6.3	6.7	6.7	5.7	6.0	7.3	6.7	6.5	
ATF 1754	6.3	5.3	5.0	5.7	7.0	6.0	6.3	7.0	6.7	6.4	
F711	6.7	5.7	6.3	6.3	6.3	6.0	5.7	6.3	7.7	6.4	
FAITH	6.3	6.0	5.3	6.0	6.3	6.0	6.3	7.0	7.0	6.4	
FESNOVA	6.7	4.3	6.3	6.7	6.3	5.7	6.3	7.0	6.7	6.4	
GRANDE 3	6.7	5.3	5.3	5.7	6.3	6.0	6.3	7.3	7.0	6.4	
IS-TF 272	8.3	4.7	7.3	7.0	6.7	5.7	5.7	7.7	5.7	6.4	
IS-TF 305 SEL	8.0	4.7	6.0	6.3	6.7	6.0	6.0	6.7	6.7	6.4	
MET 6 SEL	6.3	3.3	5.3	5.7	6.7	6.0	6.7	6.7	7.0	6.4	
MET-3	6.3	5.0	6.0	6.7	6.3	5.7	6.0	6.7	7.0	6.4	
XTENDER (PPG-TF-139)	7.0	5.7	6.3	6.7	7.0	6.7	5.7	6.3	6.0	6.4	
PPG-TF-170	6.0	4.7	7.0	6.0	5.7	5.7	6.0	7.3	7.7	6.4	

TABLE 3. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT STORRS, CT 1/
2014 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	QUALITY RATINGS							MEAN
				MAY	JUN	JUL	AUG	SEP	OCT		
PST-5MVD	5.7	5.7	6.0	6.0	6.7	6.3	6.7	6.7	6.3	6.4	
SWAGGER (PST-5R05)	6.0	5.7	5.3	6.0	6.7	5.7	6.3	7.3	6.3	6.4	
RAD-TF-83	8.0	3.3	5.3	6.0	7.0	5.7	6.0	7.0	6.7	6.4	
BULLSEYE	6.7	6.3	6.7	6.7	6.3	5.7	6.0	6.7	6.3	6.3	
FALCON IV	5.7	5.3	5.0	5.7	6.7	6.0	6.3	6.7	6.7	6.3	
FALCON V	6.7	5.3	5.7	6.0	6.3	6.0	6.3	6.7	6.3	6.3	
IS-TF 269 SEL	7.7	4.3	5.7	6.3	6.0	5.7	6.3	7.0	6.3	6.3	
IS-TF 276 M2	7.3	5.3	5.7	6.3	6.3	5.7	5.7	6.7	7.0	6.3	
JS 818	8.0	5.3	5.7	7.0	6.0	5.0	6.3	6.7	6.7	6.3	
MICHELANGELO (LTP-F5DPDR)	5.7	5.0	5.7	6.0	6.0	5.7	6.7	7.0	6.3	6.3	
SCREAMER LS (PPG-TF-148)	6.3	5.7	6.3	5.7	6.3	6.0	6.3	6.7	7.0	6.3	
AVENGER II (PPG-TF-156)	6.7	4.7	6.3	5.3	6.3	5.7	6.3	7.3	7.0	6.3	
PSG-GSD	5.7	5.3	6.0	6.0	6.3	6.0	6.0	7.0	6.7	6.3	
PST-5DZP	7.3	5.0	6.3	6.0	6.7	6.0	5.7	6.7	6.7	6.3	
PST-5EV2	6.7	4.7	5.7	6.0	6.3	6.3	6.0	7.0	6.0	6.3	
RAD-TF-88	7.7	2.3	7.0	5.7	5.7	5.3	6.3	7.7	7.3	6.3	
RAIN DANCE (PST-5SDT)	5.3	6.0	5.0	6.3	6.7	5.7	6.0	7.3	6.0	6.3	
TECHNIQUE (RZ2)	6.0	5.0	6.3	6.0	6.0	6.3	6.0	6.7	6.7	6.3	
THUNDERSTRUCK (TD1)	7.7	3.3	5.3	6.3	7.0	5.3	5.7	7.0	6.3	6.3	
TEMPTATION (OR-21)	8.0	7.0	6.3	7.3	6.7	6.0	5.7	6.3	6.0	6.3	
ATF 1704	6.0	5.3	6.0	5.3	6.0	6.3	6.3	6.3	7.0	6.2	
GTO (BURL TF-2)	6.0	5.7	5.3	6.0	6.0	5.3	6.0	6.7	7.0	6.2	
INSPIRATION (PST-R5NW)	6.0	5.0	4.7	6.0	6.7	6.0	6.0	6.7	6.0	6.2	
TURFWAY (IS-TF 282 M2)	7.3	5.3	7.0	6.7	6.3	5.3	5.7	7.0	6.3	6.2	
IS-TF 285	7.3	4.0	6.0	6.0	6.7	6.0	6.0	6.3	6.0	6.2	
IS-TF 307 SEL	8.0	3.7	6.0	5.7	7.0	6.3	6.0	6.3	6.0	6.2	
MET 1	6.0	4.7	5.3	5.7	5.7	5.7	6.3	7.0	7.0	6.2	
BLACK TAIL (PPG-TF-150)	6.3	3.7	6.0	6.0	6.0	5.7	6.0	6.7	6.7	6.2	
PPG-TF-169	6.0	6.0	6.0	5.7	6.0	5.7	6.3	6.7	7.0	6.2	
PSG-8BP2	6.0	6.0	5.3	5.3	6.3	6.7	6.3	6.7	6.0	6.2	
ANNIHILATOR	6.7	6.0	6.7	7.0	6.0	5.0	6.3	6.3	6.0	6.1	
ATF 1612	6.7	4.0	6.0	6.0	6.3	5.3	5.7	6.7	6.7	6.1	
CAESAR (TY 10)	7.3	5.3	5.3	6.3	6.0	5.7	5.0	7.0	6.7	6.1	
CCR2	6.7	5.0	7.0	6.0	5.7	5.7	5.7	6.3	7.3	6.1	
IS-TF 308 SEL	7.3	4.7	6.3	6.3	6.3	5.3	5.7	6.7	6.0	6.1	
JS 819	7.7	5.3	6.3	6.3	6.7	5.7	6.0	6.0	5.7	6.1	
PSG-P01	6.7	2.3	5.3	5.3	6.7	5.7	5.7	7.3	6.0	6.1	
ATF 1736	6.3	4.3	5.0	5.3	6.3	5.3	6.0	6.3	6.7	6.0	
FIREBIRD 2	7.0	4.3	5.7	5.7	7.0	5.7	5.0	6.3	6.3	6.0	
HOT ROD (BURL TF-136)	6.0	4.0	6.3	6.0	6.0	5.3	5.7	6.7	6.3	6.0	
JS 825	7.0	4.0	5.3	6.3	6.3	5.3	6.3	6.3	5.3	6.0	
PPG-TF-138	6.7	5.0	5.7	6.3	6.3	5.7	6.0	6.0	5.7	6.0	
PSG-TT4	5.3	5.7	5.3	6.3	5.7	5.3	5.7	6.3	6.7	6.0	
RAD-TF-89	7.3	4.3	5.7	5.3	6.0	5.0	5.7	7.0	7.0	6.0	
TERRANO	7.3	4.0	5.0	6.0	7.0	6.0	6.0	5.7	5.3	6.0	

TABLE 3. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT STORRS, CT 1/
2014 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	QUALITY RATINGS						MEAN
				MAY	JUN	JUL	AUG	SEP	OCT	
B23	7.0	3.3	6.3	5.3	6.0	5.0	5.7	6.7	7.0	5.9
COMP. RES. SST	6.3	5.3	7.0	6.0	6.3	5.7	6.0	5.7	5.7	5.9
DZ1	6.7	2.7	6.0	5.7	6.7	6.0	5.7	6.0	5.3	5.9
FRONTLINE (EXP TF-09)	7.0	6.0	5.0	6.3	5.7	5.7	5.7	6.3	6.0	5.9
GO-DFR	7.0	4.0	5.7	6.3	5.7	5.3	5.7	6.7	6.0	5.9
IS-TF 289	7.7	3.7	6.0	5.7	6.3	5.3	6.0	6.7	5.7	5.9
JS 916	7.0	6.0	6.3	6.3	6.0	5.3	5.3	6.3	6.3	5.9
PPG-TF-172	7.3	4.0	6.0	5.7	6.0	5.7	5.7	6.3	6.0	5.9
BAR FA 121089	6.7	4.7	5.7	5.7	6.3	5.3	5.7	6.7	5.3	5.8
BAR FA 121091	7.7	4.0	5.7	6.3	6.3	5.0	5.7	6.0	5.7	5.8
K12-05	8.0	3.0	6.0	5.3	6.0	5.3	5.7	6.3	6.3	5.8
PST-5BPO	6.0	4.7	5.0	5.7	5.7	5.3	5.7	6.0	6.3	5.8
REGENERATE	7.0	4.0	6.3	5.7	5.7	5.3	5.3	6.3	6.3	5.8
BAR FA 121095	7.7	3.7	6.0	5.7	6.3	5.3	5.3	6.0	5.3	5.7
FIREWALL (PSG-WE1)	6.7	3.7	6.0	5.3	5.3	5.7	5.7	6.0	6.0	5.7
RAD-TF-92	7.7	4.0	6.3	5.3	6.7	4.7	5.3	6.7	5.7	5.7
CATALYST	5.3	3.3	6.0	4.7	5.0	5.3	5.7	6.0	6.7	5.6
JS 809	7.3	5.0	6.0	6.0	6.3	5.0	5.7	5.7	5.0	5.6
BAR FA 120878	4.7	6.3	4.0	4.7	5.3	5.7	5.0	6.0	5.7	5.4
MARAUDER	6.0	5.7	7.0	5.3	5.3	5.0	5.3	5.7	5.0	5.3
AQUADUCT	6.3	6.0	6.0	5.3	5.0	5.3	5.3	5.0	5.0	5.2
MERIDIAN (PST-5GRB)	5.0	4.3	7.3	5.3	5.0	5.0	5.0	5.7	5.3	5.2
WARHAWK	6.7	5.7	6.7	6.0	5.3	4.3	5.0	5.3	5.3	5.2
204 RES. BLK4	5.7	4.0	7.3	4.7	5.0	3.7	5.3	5.3	5.7	4.9
K12-13	8.0	3.3	6.7	4.3	5.3	5.0	5.0	5.0	4.7	4.9
KY-31	2.0	7.0	3.0	3.0	3.0	3.0	2.7	3.0	3.0	2.9
LSD VALUE	0.8	2.5	1.3	2.0	1.6	1.3	1.6	1.9	1.5	1.0
C.V. (%)	7.6	24.3	12.2	14.9	12.7	12.1	12.8	13.2	12.7	9.4

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

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

TABLE 4.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT GRIFFIN, GA 1/
2014 DATA

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

NAME	GENETIC COLOR	QUALITY RATINGS											MEAN
		JAN	FEB	MAR	APR	MAY	JUN	JUL	SEP	OCT	NOV	DEC	
GTO (BURL TF-2)	7.0	5.0	5.0	5.0	6.3	6.0	6.7	6.0	6.7	5.7	6.3	6.3	5.9
PPG-TF-135	6.7	5.0	4.3	4.7	5.0	6.0	6.3	6.3	6.3	6.7	6.3	6.3	5.8
PPG-TF-151	7.0	5.0	4.3	4.7	5.7	6.0	6.7	6.3	5.7	6.0	6.3	6.0	5.7
TITANIUM 2LS (PPG-TF-152)	7.3	4.7	4.7	4.3	5.3	5.7	6.7	6.3	6.0	6.3	6.3	6.3	5.7
ATF 1704	6.3	4.7	4.0	4.3	5.7	5.7	6.3	6.0	6.0	6.3	6.0	6.3	5.6
IS-TF 310 SEL	7.0	4.5	4.5	4.5	5.5	5.7	6.3	6.3	5.7	6.0	5.7	6.0	5.6
PST-5BRK	6.3	4.7	4.0	4.7	5.7	6.0	6.3	6.3	6.0	6.0	6.0	6.0	5.6
ATF 1754	6.3	5.0	4.3	5.0	5.3	5.7	5.7	5.7	5.7	5.7	6.0	6.0	5.5
TURFWAY (IS-TF 282 M2)	7.3	4.7	4.0	4.7	5.3	5.7	6.3	6.0	6.0	6.0	6.3	6.0	5.5
IS-TF 289	7.0	4.7	4.7	4.7	5.0	5.3	6.3	6.0	5.7	6.0	6.0	6.0	5.5
IS-TF 305 SEL	7.3	4.0	4.0	4.3	4.7	5.3	6.3	6.0	6.3	6.3	6.3	6.3	5.5
K12-05	7.0	4.3	4.3	4.3	5.0	5.3	6.7	6.3	6.0	6.3	6.0	6.3	5.5
PPG-TF-170	7.0	4.7	4.3	4.3	5.0	5.3	6.0	6.3	6.0	6.0	6.3	6.0	5.5
PST-5EV2	7.0	4.0	4.3	4.3	5.3	5.7	6.3	6.3	6.3	5.7	6.0	6.0	5.5
PST-5EX2	6.3	4.7	5.0	5.0	5.7	5.7	6.0	6.0	5.7	5.7	5.7	5.7	5.5
REFLECTION (U45)	7.0	4.3	4.0	4.3	6.0	5.3	6.3	6.0	5.7	6.0	6.7	6.0	5.5
FIREBIRD 2	6.7	4.0	4.0	4.3	5.0	5.3	5.7	6.0	6.3	5.7	6.0	6.7	5.4
HEMI	6.7	4.3	4.0	4.3	5.0	5.7	6.3	5.7	6.0	6.0	6.0	6.0	5.4
FOXHOUND (IS-TF 284 M2)	6.7	4.3	4.3	4.7	5.0	5.0	6.3	6.0	6.0	5.3	6.0	6.0	5.4
IS-TF 308 SEL	6.7	4.3	4.0	4.0	5.0	5.0	6.0	6.0	6.0	6.3	6.7	6.3	5.4
MET 1	7.0	4.5	4.5	4.0	5.0	4.7	6.3	6.0	5.7	5.7	5.7	6.3	5.4
PPG-TF-115	6.7	4.3	4.3	4.3	5.0	5.3	6.0	6.0	6.0	5.7	6.0	6.0	5.4
AVENGER II (PPG-TF-156)	7.0	4.3	4.3	4.0	4.7	5.3	6.7	6.0	6.0	6.3	6.0	6.0	5.4
PST-5BPO	6.7	4.7	4.0	4.7	5.0	5.0	5.7	6.0	5.7	5.7	6.3	6.3	5.4
ATF 1736	6.7	4.3	4.3	4.7	4.7	5.7	6.3	5.7	5.7	5.3	6.0	5.7	5.3
IS-TF 276 M2	6.7	4.3	3.7	4.3	5.3	5.3	6.0	6.0	5.3	6.0	5.7	6.0	5.3
IS-TF 311	6.7	4.0	4.0	5.0	5.0	4.7	6.0	6.0	6.0	5.7	6.0	5.7	5.3
PPG-TF-137	6.7	5.0	4.5	4.3	5.0	5.3	6.3	5.3	5.3	6.0	6.0	5.7	5.3
IS-TF 269 SEL	6.7	4.0	3.7	4.3	4.7	5.0	5.7	5.7	6.0	6.0	5.7	6.0	5.2
IS-TF 285	6.7	4.5	4.5	4.5	5.0	5.0	6.0	6.0	5.3	5.7	5.3	5.3	5.2
LEONARDO (LTP-FSD)	7.0	3.7	3.7	4.0	5.0	5.0	6.0	6.0	6.0	6.0	6.0	6.0	5.2
XTENDER (PPG-TF-139)	6.7	4.0	3.5	3.5	5.0	5.3	5.3	5.3	5.7	6.0	6.0	6.0	5.2
PPG-TF-169	6.3	4.0	4.0	4.5	4.0	5.0	5.7	5.7	5.7	6.0	5.7	6.0	5.2
RAIN DANCE (PST-5SDT)	6.0	4.3	4.3	4.3	5.0	5.7	5.7	5.3	6.0	5.7	5.7	5.7	5.2
MAESTRO (T31)	7.0	4.0	4.0	5.0	4.7	4.3	6.0	6.0	5.7	5.7	5.7	6.0	5.2
ATF 1612	6.7	3.7	3.7	4.3	5.0	5.7	6.0	5.7	6.0	5.7	5.3	5.3	5.1
BIZEM	6.3	4.5	4.3	4.0	4.7	4.3	5.3	5.7	5.7	5.7	6.0	6.0	5.1
IS-TF 307 SEL	6.7	6.0	5.0	4.0	5.0	4.3	5.3	5.3	5.7	5.7	5.3	5.7	5.1
K12-13	6.3	4.5	4.5	4.5	4.7	5.3	5.7	5.3	4.7	5.7	5.3	5.3	5.1
K12-MCD	6.3	4.0	4.0	4.0	5.0	5.0	5.3	5.3	5.7	5.7	5.7	6.0	5.1
THOR (PPG-TF-157)	6.7	4.0	3.7	4.7	4.7	4.7	6.0	6.0	6.0	5.7	5.3	5.3	5.1
PST-5MVD	6.7	4.0	3.7	3.7	4.7	5.3	6.0	5.3	5.7	5.7	5.7	6.0	5.1
SALTILLO (PST-5SALT)	6.3	4.5	4.0	4.5	4.7	4.7	5.3	5.7	5.7	5.7	5.3	5.3	5.1
TRAVERSE 2 SRP (W45)	6.3	5.0	4.5	5.0	5.5	5.5	5.7	5.3	5.7	5.3	5.7	5.3	5.1
BAR FA 121095	6.3	3.7	3.7	4.0	4.3	4.7	5.7	5.7	5.7	6.0	6.0	6.0	5.0

TABLE 4. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT GRIFFIN, GA 1/
2014 DATA

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

NAME	GENETIC COLOR	QUALITY RATINGS											MEAN
		JAN	FEB	MAR	APR	MAY	JUN	JUL	SEP	OCT	NOV	DEC	
KINGDOM (DB1)	6.0	4.0	4.0	4.0	4.7	5.7	5.7	5.0	5.3	6.0	5.3	5.7	5.0
GRANDE 3	6.7	4.0	4.0	4.0	4.3	4.7	6.0	5.7	5.7	5.3	5.7	5.3	5.0
DIABLO (IS-TF 330)	6.7	4.5	5.0	5.0	4.3	4.7	5.7	5.3	5.3	5.3	5.3	5.3	5.0
MICHELANGELO (LTP-F5DPDR)	6.7	3.7	3.7	4.0	4.7	5.0	6.0	5.7	6.0	5.3	5.3	6.0	5.0
ROCKWELL (LTP-TWUU)	7.0	4.0	4.0	4.0	4.7	5.0	6.0	5.3	5.3	5.7	5.3	5.3	5.0
MET-3	6.3	4.5	4.0	4.0	4.3	4.7	5.3	5.3	5.7	5.7	6.0	6.0	5.0
PPG-TF-172	6.7	5.0	4.5	4.5	4.3	4.7	5.7	5.7	5.7	5.7	5.0	5.3	5.0
PSG-TT4	6.3	3.7	4.0	4.0	4.7	5.0	5.3	5.7	5.7	6.0	5.3	5.7	5.0
RAD-TF-88	6.3	5.0	5.0	5.0	4.3	4.3	5.0	5.3	5.0	6.0	5.7	5.7	5.0
IS-TF-287	6.7	4.5	3.5	4.0	5.0	5.0	6.0	5.3	5.0	5.0	5.3	5.3	4.9
JS 819	6.0	4.0	4.0	4.0	5.5	5.0	5.3	5.3	4.7	5.3	5.0	5.3	4.9
JS 916	6.3	3.3	3.3	4.0	4.3	5.0	5.3	5.7	5.7	6.0	5.7	5.3	4.9
MET 6 SEL	6.7	4.0	4.0	5.5	5.0	5.0	5.7	4.7	5.3	5.7	5.3	5.3	4.9
FIRECRACKER SLS (PPG-TF-105)	7.0	4.0	3.7	3.7	4.0	4.3	6.0	5.7	5.7	5.7	5.7	5.7	4.9
SCREAMER LS (PPG-TF-148)	6.7	4.0	3.5	4.0	4.0	4.3	5.0	5.0	5.3	5.7	5.7	6.0	4.9
BAR FA 120878	6.3	4.3	4.3	4.7	5.0	4.7	5.0	5.3	4.7	5.0	4.7	4.7	4.8
CAESAR (TY 10)	6.7	5.0	3.3	4.0	5.5	5.0	5.3	5.0	5.0	5.7	5.3	5.0	4.8
FAITH	6.7	4.3	3.7	3.7	4.3	4.7	5.3	5.7	5.3	5.7	5.3	5.3	4.8
FALCON V	7.0	3.7	4.0	3.7	4.7	4.7	5.3	5.3	5.0	5.7	5.3	5.0	4.8
GO-DFR	6.7	5.0	5.0	5.0	4.5	5.0	5.3	5.0	5.0	4.7	5.0	5.3	4.8
FAYETTE (IS-TF 291)	6.3	3.3	3.3	3.7	4.0	4.3	5.7	5.0	5.7	6.0	5.7	6.0	4.8
PPG-TF-138	7.0	4.0	3.5	3.5	4.3	5.0	5.3	5.3	5.0	5.0	5.0	5.3	4.8
PSG-GSD	6.3	3.5	3.5	3.5	4.5	4.5	5.3	4.7	4.7	6.0	5.0	5.3	4.8
MERIDIAN (PST-5GRB)	6.0	4.0	3.5	3.5	4.0	4.7	5.0	5.3	5.7	5.3	5.3	5.3	4.8
REGENERATE	6.3	4.0	3.5	3.5	4.5	5.5	5.7	5.0	5.3	4.0	5.7	6.0	4.8
THUNDERSTRUCK (TD1)	6.3	4.0	4.0	4.5	4.5	4.7	4.7	5.0	5.0	5.3	5.3	5.3	4.8
4TH MILLENNIUM SRP (U43)	6.3	5.0	4.0	4.0	4.0	4.5	4.7	5.0	5.0	5.0	5.0	5.3	4.8
HOVER (BURL TF-69)	6.3	4.0	3.0	4.0	4.5	4.3	5.0	4.7	5.0	5.3	5.0	5.3	4.7
COMP. RES. SST	7.0	.	4.0	3.0	4.0	3.5	5.0	4.7	4.7	5.0	5.0	5.0	4.7
DZ1	6.7	4.0	3.3	3.7	4.3	4.3	5.7	5.7	5.3	5.3	5.3	5.0	4.7
INSPIRATION (PST-R5NW)	6.7	4.0	4.0	3.5	4.0	4.3	5.3	5.0	5.0	5.3	5.3	5.0	4.7
ARES (PPG-TF-142)	6.3	5.0	5.0	6.0	4.3	4.3	5.0	4.7	5.0	5.3	5.0	5.0	4.7
PSG-8BP2	6.0	3.3	3.3	4.3	4.7	5.0	5.3	5.0	5.0	5.0	5.3	5.0	4.7
PSG-P01	6.7	3.7	3.7	3.7	4.3	4.3	5.3	5.3	5.7	5.3	5.3	5.3	4.7
SWAGGER (PST-5R05)	6.3	3.5	3.5	5.0	4.3	4.3	5.0	5.0	5.3	5.0	4.7	5.0	4.7
TECHNIQUE (RZ2)	6.3	4.0	4.0	3.5	4.3	4.7	5.3	5.7	5.0	5.0	5.0	5.0	4.7
RAPTOR III (ZW 44)	6.7	5.0	5.0	4.0	4.5	5.5	4.7	4.7	5.0	4.7	5.0	5.3	4.7
CCR2	6.7	3.3	3.3	3.7	4.0	4.3	5.3	5.7	5.0	5.3	5.7	5.3	4.6
F711	6.0	4.0	4.0	4.5	4.5	5.5	5.0	5.0	5.0	5.3	5.0	4.7	4.6
JS 809	6.3	3.5	3.0	3.0	4.0	5.0	5.7	5.3	5.3	5.0	4.7	4.7	4.6
PICK-W43	6.7	3.3	3.3	3.7	3.7	4.7	5.3	5.3	5.3	5.3	5.3	5.3	4.6
BLACK TAIL (PPG-TF-150)	6.7	4.0	4.0	4.0	4.3	4.0	5.0	5.0	5.0	4.7	5.0	5.0	4.6
RAD-TF-83	6.7	4.0	4.0	4.0	4.3	4.3	4.7	4.7	5.0	5.3	5.0	5.0	4.6
TERRANO	6.3	5.0	4.5	5.0	5.0	4.7	5.0	5.0	5.0	4.7	4.7	5.0	4.6
W41	6.3	4.0	4.0	3.5	4.0	4.7	4.7	4.7	5.0	5.0	5.0	5.0	4.6

TABLE 4. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT GRIFFIN, GA 1/
2014 DATA

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

NAME	GENETIC COLOR	QUALITY RATINGS											MEAN
		JAN	FEB	MAR	APR	MAY	JUN	JUL	SEP	OCT	NOV	DEC	
WARHAWK	6.3	3.5	3.0	3.0	4.7	4.7	5.3	5.0	5.0	4.7	5.0	5.0	4.6
BAR FA 121089	6.3	3.0	3.0	4.0	4.3	4.7	5.3	5.0	5.3	5.0	4.7	4.7	4.5
BULLSEYE	6.7	4.0	4.0	5.0	4.0	4.5	5.0	5.3	5.0	5.0	4.7	5.0	4.5
HOT ROD (BURL TF-136)	6.7	4.0	4.0	4.5	4.5	5.0	5.3	5.0	5.0	5.0	4.7	5.0	4.5
IS-TF 272	6.3	5.0	5.0	5.0	5.5	5.5	5.0	5.0	4.7	4.3	4.7	4.7	4.5
DYNAMITE LS (PPG-TF-145)	6.0	.	.	.	4.0	3.7	4.7	4.7	5.0	5.0	4.7	4.3	4.5
PST-5DZP	6.3	4.0	4.0	4.0	4.0	4.3	4.7	4.3	4.7	5.0	5.3	4.7	4.5
RAD-TF-89	6.3	5.0	5.0	5.0	4.3	4.3	5.0	4.3	4.3	4.7	4.7	5.0	4.5
FIREWALL (PSG-WE1)	5.7	3.5	3.0	4.0	5.0	5.5	4.7	4.7	4.7	4.7	4.7	5.3	4.4
ROWDY (SRX-TPC)	6.7	3.0	3.0	3.0	5.0	4.3	4.7	4.7	4.7	5.3	4.7	4.7	4.4
BAR FA 121091	6.0	3.5	3.0	3.5	4.0	4.3	4.7	4.7	4.7	4.7	4.7	4.7	4.3
FALCON IV	6.7	4.0	4.0	3.5	4.0	4.0	4.7	5.0	4.3	4.3	5.0	4.7	4.3
JS 825	6.7	3.5	3.5	3.5	4.3	4.7	5.7	4.7	4.7	4.3	4.0	4.7	4.3
RAD-TF-92	6.7	3.0	3.0	4.0	4.5	4.3	4.7	4.3	4.3	5.0	4.3	4.3	4.3
RHAMBLER 2 SRP (LSD)	6.0	3.0	3.0	6.0	4.0	4.0	5.0	4.7	5.0	4.7	4.0	4.0	4.3
FESNOVA	6.0	3.5	3.5	4.0	4.5	5.0	4.7	4.3	4.7	4.7	4.3	4.3	4.2
204 RES. BLK4	6.0	.	.	.	.	.	3.3	3.7	4.3	4.3	4.7	4.0	4.1
ANNIHILATOR	6.7	4.0	4.0	4.0	4.5	4.5	5.0	4.7	4.3	4.3	3.7	4.3	4.1
FRONTLINE (EXP TF-09)	6.0	3.0	3.0	4.0	6.0	5.0	4.7	4.0	4.0	4.0	4.0	4.0	4.1
MARAUDER	6.0	4.0	4.0	4.0	5.0	5.0	4.7	4.0	4.3	4.7	4.3	4.0	4.1
TEMPTATION (OR-21)	7.0	3.5	3.0	3.5	4.0	4.0	4.3	4.3	4.3	4.7	4.3	4.7	4.1
CATALYST	6.3	3.5	3.5	5.0	4.5	5.0	4.7	4.3	4.3	4.7	4.0	4.0	4.0
KY-31	5.3	3.3	3.3	4.0	4.0	4.3	4.7	4.0	4.3	4.0	3.7	4.0	4.0
AQUADUCT	5.7	3.5	3.5	4.5	4.5	4.0	4.7	4.3	4.3	4.3	3.7	3.7	3.9
B23	6.0	4.0	4.0	5.0	5.0	4.0	3.7	3.7	4.3	4.0	4.3	4.3	3.8
JS 818	6.0	.	.	.	4.0	4.0	3.7	3.7	3.3	3.3	3.3	3.0	3.5
LSD VALUE	1.6	2.6	2.8	2.9	3.2	2.8	2.2	2.2	2.1	1.8	2.1	2.2	1.5
C.V. (%)	8.4	16.7	17.3	16.9	17.1	16.7	16.7	17.1	15.8	15.1	17.2	17.4	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 5.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT AMES, IA 1/
2014 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	QUALITY RATINGS							MEAN
				MAY	JUN	JUL	AUG	SEP	OCT		
REGENERATE	8.3	5.7	8.0	7.0	7.0	7.7	9.0	8.0	8.0	7.8	
IS-TF 289	8.3	4.7	8.0	7.7	7.3	7.7	8.3	7.7	7.3	7.7	
RAPTOR III (ZW 44)	8.0	5.7	8.0	7.3	7.0	7.3	8.7	8.0	7.7	7.7	
DIABLO (IS-TF 330)	8.7	4.7	8.0	7.0	7.3	8.0	8.3	7.7	7.0	7.6	
TRAVERSE 2 SRP (W45)	9.0	5.7	8.3	7.3	6.7	7.3	8.7	8.0	7.7	7.6	
FAYETTE (IS-TF 291)	8.3	5.0	8.0	7.0	7.3	7.0	8.7	7.7	7.3	7.5	
PICK-W43	8.7	6.0	8.0	7.0	6.7	7.3	8.3	8.0	7.7	7.5	
B23	8.3	5.7	8.0	6.7	6.7	7.7	8.7	7.7	7.0	7.4	
BIZEM	8.0	6.0	8.0	7.0	7.0	7.0	8.7	7.7	7.3	7.4	
HOT ROD (BURL TF-136)	8.0	5.7	8.0	6.7	7.0	6.7	8.3	8.0	7.7	7.4	
THOR (PPG-TF-157)	7.7	6.0	7.3	6.7	7.7	7.3	7.7	7.7	7.3	7.4	
CCR2	8.3	5.7	7.7	7.0	6.7	7.7	8.0	7.3	7.3	7.3	
KINGDOM (DB1)	7.0	5.3	7.0	7.0	7.0	7.3	8.0	7.7	6.7	7.3	
FALCON V	7.3	5.7	7.3	7.0	6.3	7.0	8.0	8.0	7.3	7.3	
ROCKWELL (LTP-TWUU)	7.3	5.7	7.3	6.7	7.0	7.0	8.0	7.3	7.7	7.3	
MET 1	8.3	5.7	8.0	6.7	6.7	7.3	8.3	7.3	7.3	7.3	
PPG-TF-135	8.7	5.7	8.0	7.0	6.7	7.0	8.3	7.3	7.7	7.3	
PSG-P01	7.3	6.0	7.3	6.7	7.0	7.3	8.0	7.7	7.0	7.3	
THUNDERSTRUCK (TD1)	7.7	4.0	7.3	6.3	7.3	7.7	7.7	7.3	7.3	7.3	
4TH MILLENNIUM SRP (U43)	8.3	5.7	8.0	6.3	7.0	7.3	8.3	7.7	7.0	7.3	
REFLECTION (U45)	8.3	5.7	8.0	6.7	7.0	7.0	8.3	7.7	7.0	7.3	
W41	8.0	5.7	8.0	6.7	7.3	7.3	8.0	7.3	7.0	7.3	
ATF 1754	7.3	5.3	7.3	7.0	6.7	7.3	7.7	7.3	7.3	7.2	
FESNOVA	7.3	5.0	7.3	6.3	6.3	7.3	8.0	7.7	7.7	7.2	
GTO (BURL TF-2)	8.0	5.7	8.0	7.0	7.0	6.7	8.0	7.3	7.0	7.2	
IS-TF 269 SEL	7.3	5.0	7.3	6.7	7.3	7.3	7.7	7.3	7.0	7.2	
IS-TF 276 M2	7.0	5.3	7.0	7.3	7.0	7.7	7.3	7.0	7.0	7.2	
JS 916	7.7	5.0	7.7	6.3	7.3	7.3	7.7	7.3	7.0	7.2	
RAD-TF-89	7.7	5.0	7.7	6.7	7.3	7.3	7.7	7.3	7.0	7.2	
RHAMBLER 2 SRP (LSD)	7.3	5.0	7.3	6.7	6.7	7.3	8.0	7.3	7.0	7.2	
TECHNIQUE (RZ2)	7.3	6.0	7.3	6.7	6.7	7.3	7.7	7.7	7.0	7.2	
ATF 1612	7.3	5.0	7.3	6.3	6.7	7.3	7.7	7.3	7.0	7.1	
CAESAR (TY 10)	6.7	5.0	6.7	6.0	7.3	7.3	7.3	7.3	7.0	7.1	
CATALYST	7.7	6.0	7.7	7.0	6.7	6.7	7.7	7.3	7.0	7.1	
IS-TF 307 SEL	7.7	4.7	7.3	6.7	6.7	7.3	7.3	7.3	7.0	7.1	
FIRECRACKER SLS (PPG-TF-105)	7.7	5.0	7.3	6.7	7.0	6.7	8.0	7.7	6.7	7.1	
PPG-TF-137	7.3	5.0	7.3	6.7	6.3	7.0	7.7	7.7	7.3	7.1	
DYNAMITE LS (PPG-TF-145)	7.3	4.7	7.3	7.0	7.3	7.3	7.3	6.7	7.0	7.1	
BLACK TAIL (PPG-TF-150)	8.0	5.3	7.7	6.7	6.7	6.3	7.7	8.0	7.0	7.1	
PPG-TF-169	8.0	5.7	7.7	6.3	6.7	7.0	7.7	7.7	7.0	7.1	
PPG-TF-172	7.7	5.7	7.7	7.0	6.7	7.3	7.7	7.0	6.7	7.1	
BULLSEYE	8.0	5.3	7.7	6.3	7.0	6.7	7.7	7.3	7.0	7.0	
DZ1	7.3	4.7	7.3	6.7	6.7	7.0	7.3	7.0	7.3	7.0	
F711	7.7	5.7	7.3	7.0	6.7	6.3	8.0	7.3	6.7	7.0	
FAITH	8.0	4.7	7.7	6.7	7.0	6.7	7.3	7.3	7.0	7.0	

TABLE 5. (CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT AMES, IA 1/
2014 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	QUALITY RATINGS						OCT	MEAN
				MAY	JUN	JUL	AUG	SEP			
K12-05	7.7	4.7	7.7	7.0	6.3	7.3	7.7	7.0	6.7	7.0	
XTENDER (PPG-TF-139)	8.0	5.0	7.7	6.7	7.0	6.7	7.7	7.0	7.0	7.0	
PPG-TF-151	8.0	5.3	7.7	6.3	6.7	7.0	7.7	7.3	7.0	7.0	
TITANIUM 2LS (PPG-TF-152)	7.7	5.3	7.7	7.0	6.7	6.7	7.7	7.0	7.0	7.0	
MAESTRO (T31)	8.7	5.7	8.0	6.7	6.3	6.7	8.0	7.3	7.0	7.0	
FIREBIRD 2	7.7	6.0	7.7	7.0	6.3	6.7	7.7	7.0	6.7	6.9	
FRONTLINE (EXP TF-09)	7.0	4.7	7.0	6.7	7.3	7.0	7.0	6.7	7.0	6.9	
INSPIRATION (PST-R5NW)	7.0	5.0	7.0	6.7	6.7	7.0	7.3	7.3	6.7	6.9	
FOXHOUND (IS-TF 284 M2)	7.3	5.0	7.0	6.0	5.7	7.7	7.7	7.3	7.0	6.9	
IS-TF 285	6.3	5.0	6.3	6.7	6.7	7.0	7.3	7.0	6.7	6.9	
IS-TF 311	8.0	5.7	7.3	6.7	6.7	6.7	7.3	7.3	6.7	6.9	
MICHELANGELO (LTP-F5DPDR)	7.3	5.7	7.0	6.7	6.7	7.0	7.3	7.0	6.7	6.9	
LEONARDO (LTP-FSD)	7.3	5.7	7.3	7.0	6.0	6.7	7.7	7.0	7.0	6.9	
MET-3	7.7	5.3	7.3	5.7	6.7	6.7	8.0	7.3	7.0	6.9	
ARES (PPG-TF-142)	7.7	5.3	7.3	7.0	6.7	7.0	7.3	7.3	6.3	6.9	
FIREWALL (PSG-WE1)	7.7	5.7	7.7	6.0	6.3	6.7	8.0	7.3	7.0	6.9	
PST-5BRK	7.0	4.3	7.0	6.7	6.3	7.0	7.7	7.0	6.7	6.9	
PST-5EV2	7.7	5.0	7.7	6.0	6.3	6.7	7.7	7.7	7.3	6.9	
MERIDIAN (PST-5GRB)	7.0	5.0	7.0	6.0	6.7	6.7	7.3	7.3	7.3	6.9	
TEMPTATION (OR-21)	7.0	4.7	6.7	6.3	7.7	7.0	6.7	7.0	7.0	6.9	
ATF 1736	7.0	5.0	7.0	6.3	6.3	6.7	7.3	7.0	7.0	6.8	
FALCON IV	7.3	5.7	7.0	6.3	6.7	6.7	7.0	7.3	6.7	6.8	
HEMI	7.7	4.7	7.7	6.3	5.7	7.0	7.7	7.3	7.0	6.8	
IS-TF 272	8.3	4.7	7.3	6.3	6.3	6.3	7.7	7.3	6.7	6.8	
IS-TF 308 SEL	7.3	5.3	7.3	6.7	6.3	6.7	7.3	7.0	6.7	6.8	
JS 809	6.3	4.3	6.3	6.7	6.3	7.0	6.3	7.0	7.3	6.8	
MET 6 SEL	7.7	5.3	7.0	6.3	6.0	6.7	7.7	7.0	7.0	6.8	
PPG-TF-138	7.7	5.0	7.3	7.0	6.0	7.3	7.7	6.7	6.3	6.8	
SCREAMER LS (PPG-TF-148)	7.7	6.0	7.7	6.3	6.0	7.0	7.7	7.3	6.7	6.8	
AVENGER II (PPG-TF-156)	7.0	5.3	7.0	7.0	6.3	6.7	7.3	7.0	6.7	6.8	
PST-5BPO	7.0	5.0	7.0	6.3	6.7	6.7	7.0	7.0	7.3	6.8	
PST-5MVD	7.3	5.7	7.3	6.7	6.7	6.3	7.3	7.0	6.7	6.8	
RAD-TF-83	7.7	5.0	7.0	5.7	6.3	6.7	7.7	7.7	6.7	6.8	
RAD-TF-92	7.7	4.7	7.3	6.7	7.0	6.0	7.0	7.3	6.7	6.8	
SALTILLO (PST-5SALT)	6.7	5.0	7.0	6.3	6.3	6.3	7.3	7.3	7.3	6.8	
ROWDY (SRX-TPC)	7.7	5.3	7.3	6.3	7.0	7.0	7.0	7.0	6.3	6.8	
TERRANO	7.0	4.7	7.0	6.7	6.0	7.0	7.3	7.3	6.7	6.8	
GRANDE 3	7.7	4.3	7.0	6.0	6.3	6.7	7.3	7.0	6.7	6.7	
K12-MCD	6.7	5.3	6.7	6.3	6.7	6.7	7.0	6.7	6.7	6.7	
PPG-TF-115	7.7	5.0	7.3	6.3	6.0	7.0	7.7	6.7	6.3	6.7	
PSG-GSD	7.0	5.0	7.0	6.3	6.3	7.0	7.0	6.7	6.7	6.7	
PST-5EX2	6.7	6.0	6.7	6.3	6.0	6.3	7.3	7.3	6.7	6.7	
SWAGGER (PST-5R05)	7.0	4.3	7.0	6.3	6.3	6.7	7.0	7.0	7.0	6.7	
BAR FA 121089	7.0	4.7	7.0	6.3	6.0	6.3	7.0	7.0	6.7	6.6	
HOVER (BURL TF-69)	7.3	5.3	7.0	6.0	6.3	6.3	7.3	7.0	6.7	6.6	

TABLE 5. (CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT AMES, IA 1/
2014 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	QUALITY RATINGS							MEAN
				MAY	JUN	JUL	AUG	SEP	OCT		
GO-DFR	7.0	5.0	6.7	6.3	6.0	6.7	6.7	7.0	6.7	6.6	
TURFWAY (IS-TF 282 M2)	7.0	4.7	6.7	6.3	6.3	6.7	7.0	6.7	6.3	6.6	
IS-TF 305 SEL	7.3	4.7	7.0	6.0	6.3	6.3	7.0	7.0	6.7	6.6	
PPG-TF-170	7.7	5.7	7.0	6.0	6.7	6.3	7.3	7.0	6.0	6.6	
PST-5DZP	7.3	4.0	7.0	6.0	6.3	6.7	7.3	7.0	6.3	6.6	
RAIN DANCE (PST-5SDT)	6.3	4.7	6.3	6.7	6.3	7.0	6.7	6.7	6.0	6.6	
ATF 1704	7.0	5.3	7.0	6.0	5.7	6.3	7.0	7.0	7.0	6.5	
JS 818	6.0	5.0	6.0	6.7	6.7	6.7	6.3	6.3	6.3	6.5	
JS 819	6.3	4.7	6.3	6.0	6.7	6.7	6.7	6.3	6.7	6.5	
PSG-TT4	7.0	4.7	7.0	6.3	6.0	6.3	7.0	7.0	6.3	6.5	
IS-TF-287	7.3	5.3	7.0	6.3	6.3	6.3	7.0	6.7	6.0	6.4	
JS 825	6.0	5.0	6.0	6.3	6.3	6.3	6.3	6.7	6.7	6.4	
RAD-TF-88	7.3	4.7	7.0	6.0	6.3	6.3	7.0	6.7	6.3	6.4	
BAR FA 121095	6.0	3.7	6.0	6.3	6.7	6.3	6.0	6.3	6.3	6.3	
IS-TF 310 SEL	7.3	5.0	7.0	5.7	6.0	6.3	7.0	6.7	6.0	6.3	
PSG-8BP2	7.3	5.0	7.0	6.0	6.0	6.3	6.7	6.7	6.3	6.3	
K12-13	7.0	4.7	6.3	6.0	5.7	6.0	6.7	6.3	6.3	6.2	
WARHAWK	6.0	4.0	6.0	6.3	6.7	6.3	6.0	6.0	6.0	6.2	
AQUADUCT	6.0	3.3	6.0	6.0	5.7	6.0	6.0	6.3	6.7	6.1	
BAR FA 121091	6.0	4.0	6.0	5.7	6.0	6.0	6.0	6.0	6.7	6.1	
COMP. RES. SST	6.0	4.0	6.0	6.0	6.3	6.0	6.0	6.0	6.3	6.1	
204 RES. BLK4	5.7	4.7	6.0	6.3	5.7	6.0	6.0	6.0	6.0	6.0	
MARAUDER	6.3	4.3	6.3	6.0	6.3	5.7	6.0	6.0	6.0	6.0	
BAR FA 120878	5.3	5.0	5.7	6.0	5.7	6.0	5.7	6.3	6.0	5.9	
ANNIHILATOR	6.0	3.7	6.0	5.7	5.0	6.0	5.7	6.3	6.0	5.8	
KY-31	4.0	5.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	
LSD VALUE	1.0	0.9	0.8	1.4	1.5	1.2	0.9	1.0	1.1	0.6	
C.V. (%)	8.8	10.8	7.2	9.7	10.5	8.9	7.6	7.9	8.4	5.8	

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 6.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT URBANA, IL 1/
2014 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	FALL COLOR NOVEMBER	APR	MAY	QUALITY RATINGS					MEAN
							JUN	JUL	AUG	SEP	OCT	
GTO (BURL TF-2)	6.0	5.3	5.3	6.0	5.3	7.0	7.0	6.0	6.7	6.7	6.7	6.5
CCR2	6.3	6.0	6.7	6.0	6.0	6.3	7.0	6.0	6.7	6.7	6.0	6.4
BLACK TAIL (PPG-TF-150)	6.0	5.3	6.0	6.0	6.3	6.0	5.7	6.0	7.0	6.3	7.3	6.4
W41	6.3	6.0	6.7	6.3	5.7	6.7	7.0	6.3	6.3	6.7	6.3	6.4
B23	7.0	5.7	6.0	6.0	5.7	6.7	6.3	6.3	6.7	6.3	6.0	6.3
MET 1	5.3	5.7	5.3	6.0	6.0	6.0	6.3	6.0	6.3	7.0	6.7	6.3
PPG-TF-169	6.3	6.3	5.7	6.0	5.0	6.3	6.7	6.0	6.0	7.0	7.3	6.3
PPG-TF-170	6.3	5.3	5.7	6.3	5.0	6.7	7.0	6.0	6.7	6.3	6.3	6.3
F711	6.0	6.0	5.0	6.0	6.0	6.0	6.0	6.3	6.3	6.3	6.3	6.2
PPG-TF-137	5.7	5.3	6.3	6.0	5.3	6.3	7.0	6.0	6.7	6.3	5.7	6.2
ATF 1754	5.3	5.0	5.3	6.0	5.7	7.0	6.3	5.7	6.3	5.3	6.3	6.1
MICHELANGELO (LTP-F5DPDR)	6.0	5.0	5.7	6.0	5.3	6.0	6.7	5.3	6.0	6.7	6.7	6.1
REGENERATE	6.0	5.3	7.0	6.0	5.3	6.0	6.7	6.7	6.3	6.0	6.0	6.1
ATF 1612	5.7	5.0	5.7	5.7	6.0	6.3	5.7	6.3	6.0	6.0	5.7	6.0
BIZEM	5.7	5.0	5.7	6.0	5.3	6.3	6.0	5.7	6.3	6.0	6.3	6.0
KINGDOM (DB1)	6.3	4.7	6.0	6.0	4.7	6.0	7.0	5.7	6.7	5.7	6.3	6.0
FAITH	6.0	6.0	6.3	6.0	5.7	6.0	6.3	6.0	6.0	6.3	5.7	6.0
HEMI	6.7	5.3	5.7	6.0	5.0	5.7	6.7	6.3	6.0	6.3	6.0	6.0
HOT ROD (BURL TF-136)	6.3	5.0	5.7	5.7	5.3	6.0	6.0	5.0	6.3	6.3	6.7	6.0
PICK-W43	6.0	5.0	6.0	6.0	5.0	6.7	6.3	5.3	6.3	6.3	6.3	6.0
TITANIUM 2LS (PPG-TF-152)	6.3	5.0	5.7	6.0	5.0	6.3	6.0	5.7	6.0	6.7	6.0	6.0
AVENGER II (PPG-TF-156)	6.3	5.7	6.3	6.0	5.0	6.0	6.0	5.7	6.3	6.3	7.0	6.0
RAD-TF-89	6.3	5.0	6.3	6.0	5.7	5.7	6.0	6.0	6.3	6.3	6.0	6.0
TECHNIQUE (RZ2)	5.7	5.0	6.0	6.3	5.0	5.7	6.7	6.3	6.0	5.7	6.7	6.0
RAPTOR III (ZW 44)	6.3	4.7	6.7	6.3	5.3	5.7	6.3	6.3	6.0	6.0	6.3	6.0
HOVER (BURL TF-69)	6.7	4.7	6.7	6.0	5.0	6.7	6.3	5.7	5.7	6.3	5.3	5.9
IS-TF 305 SEL	6.7	5.3	5.3	6.3	5.3	6.0	6.0	5.7	6.3	6.3	5.7	5.9
FIRECRACKER SLS (PPG-TF-105)	6.7	4.0	6.3	6.3	4.3	6.0	6.0	6.0	6.0	6.0	6.7	5.9
PPG-TF-135	6.0	5.3	7.0	5.7	4.3	5.7	7.0	6.0	5.7	6.3	6.3	5.9
XTENDER (PPG-TF-139)	6.3	5.3	5.7	5.7	5.0	6.0	6.0	5.7	6.3	6.3	6.0	5.9
PSG-PO1	6.0	4.7	6.0	6.0	4.7	5.7	6.3	6.3	6.3	6.0	5.7	5.9
FIREWALL (PSG-WE1)	6.0	4.7	5.7	6.0	4.3	6.0	6.7	6.3	5.7	6.7	5.7	5.9
SALTILLO (PST-5SALT)	5.7	5.3	4.7	5.7	5.3	6.3	6.0	6.3	6.0	5.7	5.7	5.9
MAESTRO (T31)	6.0	5.3	6.3	6.3	4.3	5.7	6.3	6.3	6.0	6.0	6.7	5.9
CATALYST	6.0	5.7	5.7	5.3	5.3	6.3	6.0	6.0	6.0	5.3	5.7	5.8
FIREBIRD 2	6.0	5.0	5.0	6.0	4.3	6.0	7.0	6.0	5.7	6.0	5.3	5.8
GRANDE 3	6.0	5.0	5.3	6.3	4.7	6.0	6.0	5.3	5.7	6.3	6.7	5.8
IS-TF 289	6.3	4.0	5.7	6.3	5.0	5.3	7.0	6.0	5.7	5.7	6.0	5.8
FAYETTE (IS-TF 291)	6.3	5.7	6.3	6.0	4.7	5.0	6.7	5.7	6.3	6.0	6.0	5.8
IS-TF 308 SEL	7.0	5.7	6.0	6.3	4.0	6.0	6.3	6.3	6.3	6.3	5.3	5.8
JS 916	6.7	5.3	5.0	6.0	4.7	6.7	6.0	5.3	5.3	6.3	6.3	5.8
ROCKWELL (LTP-TWUU)	6.0	5.7	6.0	6.0	5.0	6.0	6.0	5.7	6.3	5.3	6.0	5.8
MET 6 SEL	5.3	5.7	4.3	5.7	5.0	5.3	5.7	5.3	6.7	6.7	5.7	5.8
PST-5MVD	6.3	5.3	5.0	6.0	6.0	5.7	5.7	5.7	6.0	5.7	5.7	5.8
RAD-TF-88	7.0	4.0	5.0	6.0	4.7	5.7	6.0	5.7	6.0	5.7	6.7	5.8

TABLE 6. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT URBANA, IL 1/
2014 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	FALL COLOR NOVEMBER	APR	MAY	JUN	QUALITY RATINGS				MEAN
								JUL	AUG	SEP	OCT	
4TH MILLENNIUM SRP (U43)	6.3	5.0	5.7	6.0	5.7	6.0	5.7	5.3	5.3	6.0	6.3	5.8
REFLECTION (U45)	6.7	4.3	5.7	6.0	4.3	5.7	6.3	6.7	5.3	5.7	6.3	5.8
ATF 1704	5.3	4.7	5.0	6.0	5.0	6.7	5.7	5.0	6.3	5.7	5.7	5.7
ATF 1736	6.3	5.0	5.0	6.0	5.3	6.0	6.3	5.0	5.7	6.0	5.3	5.7
DZ1	6.3	4.0	6.3	6.0	4.7	5.7	5.7	6.0	5.7	6.7	5.7	5.7
IS-TF 272	6.7	4.3	5.3	6.0	4.3	5.7	6.3	6.0	5.7	6.3	5.7	5.7
FOXHOUND (IS-TF 284 M2)	6.7	3.7	5.3	5.7	4.3	6.3	6.3	5.0	6.3	6.0	5.3	5.7
MET-3	6.7	5.0	5.7	6.3	4.7	6.0	5.3	5.3	6.3	5.7	6.7	5.7
PPG-TF-172	6.0	4.7	5.7	6.3	4.3	6.0	5.3	5.3	6.7	6.3	6.0	5.7
PST-5EV2	5.3	5.0	5.3	5.3	5.3	5.3	5.7	6.3	6.3	5.7	5.3	5.7
BULLSEYE	5.7	5.0	5.0	5.7	4.7	5.7	6.0	5.7	6.3	5.3	5.3	5.6
FALCON V	6.3	6.0	5.7	6.0	5.0	6.3	6.0	5.3	5.7	6.7	4.3	5.6
IS-TF 269 SEL	6.0	5.0	5.7	5.7	5.0	5.7	5.7	5.7	6.3	5.7	5.3	5.6
IS-TF 311	5.7	5.3	6.0	6.0	4.3	5.7	5.7	6.0	6.0	5.7	6.0	5.6
IS-TF-287	6.0	4.7	5.0	6.0	4.3	6.0	6.0	5.3	5.7	6.0	6.0	5.6
PPG-TF-115	5.7	4.3	5.0	6.3	4.7	6.7	6.3	5.7	5.7	5.0	5.3	5.6
DYNAMITE LS (PPG-TF-145)	6.7	5.0	6.0	6.0	4.7	5.3	6.0	6.3	6.3	5.3	5.0	5.6
SCREAMER LS (PPG-TF-148)	5.7	5.0	5.3	6.0	4.7	6.3	5.7	6.0	5.0	6.0	5.7	5.6
ROWDY (SRX-TPC)	5.7	4.3	5.7	6.0	5.0	6.3	5.7	5.3	5.3	5.3	6.0	5.6
THUNDERSTRUCK (TD1)	6.3	5.0	5.7	6.0	4.7	5.7	6.0	5.7	5.7	5.3	6.0	5.6
TRAVERSE 2 SRP (W45)	5.7	5.3	6.0	5.3	4.7	7.0	5.3	5.3	5.7	6.0	5.3	5.6
BAR FA 121095	6.0	3.3	4.7	5.7	4.0	6.0	6.0	5.3	6.0	6.0	5.3	5.5
DIABLO (IS-TF 330)	6.3	5.0	5.3	6.3	4.3	6.3	6.3	5.7	5.7	5.3	5.0	5.5
JS 818	6.0	3.3	5.3	6.3	5.3	5.7	6.3	5.0	5.7	5.7	4.7	5.5
K12-MCD	6.0	4.3	5.3	6.0	4.0	5.7	6.0	5.0	6.0	6.0	6.0	5.5
PST-5EX2	4.7	5.0	5.0	6.0	5.3	6.0	5.7	5.3	5.3	5.7	5.0	5.5
TEMPTATION (OR-21)	6.7	5.3	4.7	6.7	5.3	6.7	6.0	4.7	6.0	4.7	5.0	5.5
TERRANO	6.3	4.7	5.3	5.7	4.7	6.3	6.0	5.0	5.3	5.7	5.7	5.5
BAR FA 121091	6.3	4.3	4.0	6.3	4.7	5.3	6.0	5.3	6.0	5.3	5.3	5.4
FALCON IV	6.0	5.0	5.3	6.3	4.3	6.3	6.3	5.0	5.3	5.7	4.7	5.4
FESNOVA	6.3	5.0	4.3	6.3	4.3	6.3	6.3	4.7	6.0	5.7	4.7	5.4
TURFWAY (IS-TF 282 M2)	6.0	5.0	5.0	6.0	5.0	5.7	5.0	5.0	6.3	6.0	5.0	5.4
IS-TF 285	7.0	4.0	5.3	6.3	4.3	5.7	5.7	5.3	5.7	6.0	5.3	5.4
IS-TF 307 SEL	6.0	4.0	5.3	6.0	4.0	6.0	6.0	5.7	6.0	5.7	4.7	5.4
IS-TF 310 SEL	6.3	4.3	4.0	6.0	4.3	5.3	5.7	5.3	6.0	6.0	5.3	5.4
JS 819	5.7	5.0	5.7	5.3	5.3	6.0	6.0	5.3	5.7	4.7	4.7	5.4
MARAUDER	6.0	4.7	4.7	5.7	4.3	6.0	5.7	5.3	6.0	5.7	4.7	5.4
PSG-GSD	5.7	5.3	5.3	6.0	5.0	5.3	6.0	5.3	6.0	5.3	4.7	5.4
PST-5BPO	5.3	5.3	5.0	6.0	4.7	5.7	5.7	5.3	5.7	5.7	5.3	5.4
CAESAR (TY 10)	7.0	4.7	4.7	6.3	4.0	5.3	6.0	5.3	5.7	6.0	4.7	5.3
LEONARDO (LTP-FSD)	5.7	5.7	4.0	5.7	5.0	6.0	5.7	5.3	5.7	4.7	5.0	5.3
PPG-TF-138	6.3	4.7	6.7	6.0	4.3	5.7	6.3	5.0	5.7	5.3	5.0	5.3
ARES (PPG-TF-142)	7.0	5.3	5.3	6.3	4.7	5.3	5.7	5.3	5.3	5.3	5.3	5.3
PPG-TF-151	6.7	3.7	4.7	6.0	4.3	5.0	6.0	5.3	6.0	5.7	5.0	5.3
THOR (PPG-TF-157)	7.0	4.3	5.0	6.3	4.3	5.3	5.3	4.7	6.0	6.0	5.3	5.3

TABLE 6. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT URBANA, IL 1/
2014 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	FALL COLOR NOVEMBER	APR	MAY	QUALITY RATINGS					MEAN
							JUN	JUL	AUG	SEP	OCT	
PST-5BRK	5.0	5.0	4.3	6.0	4.3	5.7	6.0	5.3	6.0	5.3	4.3	5.3
PST-5DZP	5.0	4.3	4.7	6.3	4.7	5.3	6.0	5.0	6.0	4.7	5.3	5.3
RAD-TF-92	6.3	3.7	6.0	5.7	4.0	6.7	6.0	4.3	5.3	5.3	5.3	5.3
IS-TF 276 M2	6.3	4.0	4.3	5.7	4.7	5.3	5.3	5.3	5.3	5.0	5.3	5.2
K12-05	7.0	4.3	6.0	5.7	4.3	6.0	5.7	4.7	5.7	5.0	5.0	5.2
PSG-8BP2	5.0	4.3	5.3	6.0	4.3	5.3	5.7	5.0	5.3	5.7	5.0	5.2
MERIDIAN (PST-5GRB)	4.7	5.0	6.0	5.0	4.3	7.0	6.0	5.0	5.3	4.3	4.3	5.2
RAIN DANCE (PST-5SDT)	5.7	5.0	4.3	6.0	5.0	5.3	5.3	5.7	5.3	5.3	4.3	5.2
RHAMBLER 2 SRP (LSD)	6.0	4.3	6.3	6.0	4.0	6.7	5.7	4.7	5.0	5.7	5.0	5.2
SWAGGER (PST-5R05)	5.3	4.0	5.3	6.0	4.7	5.0	5.3	5.7	5.7	4.7	4.7	5.1
BAR FA 121089	6.3	4.3	4.3	6.0	4.0	6.0	5.7	5.0	5.3	4.7	4.3	5.0
JS 809	5.3	4.0	5.0	6.0	4.7	5.3	5.3	4.3	5.3	5.3	4.7	5.0
PSG-TT4	5.3	4.0	3.7	5.7	5.0	5.0	5.7	5.0	5.7	4.7	4.0	5.0
RAD-TF-83	6.7	4.0	5.7	5.7	4.3	5.3	5.3	4.7	5.7	4.7	5.3	5.0
WARHAWK	6.3	5.0	4.0	6.0	4.3	5.7	6.3	4.7	5.3	4.7	4.3	5.0
ANNIHILATOR	5.7	4.3	4.0	6.0	4.0	5.7	5.3	4.3	5.3	4.7	4.7	4.9
FRONTLINE (EXP TF-09)	6.0	4.0	5.3	6.3	4.3	5.7	5.7	4.3	5.0	4.7	4.3	4.9
GO-DFR	6.7	4.7	5.3	6.0	3.7	5.3	5.0	5.0	5.0	5.7	4.7	4.9
INSPIRATION (PST-R5NW)	5.0	4.7	4.3	6.0	4.7	5.7	5.3	5.0	4.7	4.7	4.3	4.9
COMP. RES. SST	5.7	3.7	5.0	5.7	4.0	5.0	5.7	4.3	5.3	4.7	4.7	4.8
JS 825	5.3	3.7	4.3	6.0	3.7	5.3	6.0	4.3	5.0	4.3	4.3	4.7
204 RES. BLK4	5.3	5.3	5.3	5.7	4.0	4.3	4.3	5.0	5.3	5.0	4.3	4.6
AQUADUCT	4.7	4.3	4.0	5.7	3.7	4.3	5.0	4.3	4.7	4.7	4.0	4.4
BAR FA 120878	5.3	6.0	3.0	6.0	5.3	4.3	4.3	4.0	4.7	4.0	4.0	4.4
K12-13	5.7	4.7	5.7	5.3	3.7	4.7	4.7	4.3	5.0	4.3	4.3	4.4
KY-31	3.0	6.0	2.0	4.0	3.3	3.0	3.0	3.0	4.0	3.0	3.0	3.2
LSD VALUE	1.3	1.6	1.3	0.9	2.0	1.8	1.5	1.7	1.4	1.4	1.3	0.7
C.V. (%)	11.3	16.3	14.4	7.2	17.3	13.8	12.4	15.0	11.3	13.4	14.2	7.7

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

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

TABLE 7. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT GROWN UNDER SHADE AT CARBONDALE, IL 1/
2014 DATA

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

NAME	PERCENT COVER SUMMER	PERCENT COVER FALL	QUALITY RATINGS							MEAN
			APR	MAY	JUN	JUL	AUG	SEP	OCT	
ROWDY (SRX-TPC)	91.3	84.0	7.0	7.3	7.7	8.7	8.7	7.3	7.3	7.7
4TH MILLENNIUM SRP (U43)	95.3	85.0	6.3	7.0	8.3	8.3	7.7	7.0	6.7	7.3
TITANIUM 2LS (PPG-TF-152)	88.3	79.7	6.0	7.7	7.7	7.7	7.0	7.0	7.3	7.2
PPG-TF-172	81.7	87.3	5.7	6.7	7.7	8.0	8.0	7.7	7.0	7.2
PST-5EV2	92.3	75.3	7.0	8.3	7.7	7.7	7.7	5.7	6.3	7.2
FIREWALL (PSG-WE1)	82.3	71.7	6.0	7.3	7.0	7.7	7.7	6.7	6.7	7.0
TECHNIQUE (RZ2)	81.7	70.0	7.0	8.0	6.7	7.3	7.3	6.3	6.0	7.0
REFLECTION (U45)	90.7	76.3	6.7	7.7	7.3	7.3	7.0	6.3	6.3	7.0
BIZEM	83.0	78.0	6.0	6.3	6.7	7.7	7.7	6.7	7.0	6.9
MET 6 SEL	87.7	70.7	7.0	8.0	7.7	7.3	7.0	5.0	6.0	6.9
PPG-TF-115	85.0	73.3	7.7	7.7	7.3	7.3	6.7	5.7	5.7	6.9
AVENGER II (PPG-TF-156)	85.3	75.0	6.3	7.7	6.7	7.3	7.3	6.3	6.7	6.9
MERIDIAN (PST-5GRB)	82.0	84.0	6.3	7.3	7.7	7.3	7.0	6.0	6.7	6.9
ATF 1736	79.7	76.3	5.3	6.7	7.3	7.7	7.3	7.0	6.0	6.8
MET-3	85.7	77.3	6.0	7.0	7.7	7.3	7.0	6.3	6.3	6.8
FIRECRACKER SLS (PPG-TF-105)	77.7	76.3	6.7	7.0	7.0	7.0	6.7	6.0	6.7	6.7
SCREAMER LS (PPG-TF-148)	80.3	79.7	5.7	6.0	7.7	7.7	7.3	6.3	6.3	6.7
TRAVERSE 2 SRP (W45)	75.0	87.0	6.0	7.0	6.7	7.0	6.7	7.0	6.7	6.7
GTO (BURL TF-2)	84.0	80.3	5.3	7.0	6.3	7.0	6.7	7.3	6.3	6.6
PPG-TF-151	84.7	73.0	6.0	7.0	7.0	7.0	6.7	6.0	6.7	6.6
RHAMBLER 2 SRP (LSD)	83.7	78.7	6.0	6.7	6.7	7.3	7.3	5.7	6.3	6.6
MAESTRO (T31)	80.3	75.3	6.0	7.0	6.7	6.7	6.3	7.0	6.7	6.6
FESNOVA	80.7	69.3	5.7	7.0	6.7	7.3	7.3	6.0	5.7	6.5
INSPIRATION (PST-R5NW)	80.3	70.0	6.0	7.3	7.3	7.0	6.3	5.3	6.0	6.5
IS-TF 285	89.7	86.3	6.3	7.0	7.7	7.0	6.0	5.3	6.3	6.5
MET 1	73.0	75.3	5.3	6.7	6.3	6.7	7.0	7.0	6.3	6.5
BAR FA 121089	82.0	80.0	6.3	7.0	6.7	6.7	6.0	6.0	6.0	6.4
CATALYST	78.3	74.7	5.3	6.3	6.7	7.0	7.0	6.7	6.0	6.4
FAYETTE (IS-TF 291)	80.3	75.3	5.7	7.0	7.0	6.7	6.0	6.0	6.3	6.4
PICK-W43	82.0	68.7	6.7	7.0	6.3	6.7	6.0	6.0	6.0	6.4
PPG-TF-170	77.7	65.7	6.0	6.7	6.7	7.0	7.0	5.7	6.0	6.4
SALTILLO (PST-5SALT)	85.7	75.7	5.3	6.3	6.7	7.0	7.0	6.3	6.0	6.4
TERRANO	79.0	67.3	6.0	7.0	6.7	6.7	6.7	6.0	6.0	6.4
B23	77.7	77.0	5.0	6.0	6.3	7.0	7.0	6.3	6.7	6.3
FIREBIRD 2	81.3	66.0	5.3	6.3	7.0	7.0	6.7	6.0	6.0	6.3
IS-TF 307 SEL	74.0	83.3	5.0	6.3	6.3	6.7	6.7	6.0	7.0	6.3
IS-TF-287	76.0	75.0	5.3	6.7	6.7	7.0	6.3	6.0	6.0	6.3
LEONARDO (LTP-FSD)	79.0	72.0	5.3	6.3	6.7	7.0	6.7	6.0	6.0	6.3
PST-5BRK	76.7	76.7	5.7	6.3	6.3	6.7	6.7	6.3	6.0	6.3
PSG-P01	76.0	71.7	5.7	7.0	6.0	6.3	6.0	6.0	6.3	6.2
PST-5EX2	78.7	78.3	6.0	6.3	6.3	6.7	6.3	5.7	6.3	6.2
RAD-TF-83	81.0	71.7	6.0	6.3	6.7	6.7	6.3	5.3	6.0	6.2
ATF 1754	77.3	66.0	5.7	6.3	6.3	6.7	6.3	6.3	5.0	6.1
CAESAR (TY 10)	72.0	74.7	5.3	6.3	5.7	6.3	6.3	6.0	6.7	6.1
KINGDOM (DB1)	80.7	70.0	6.3	7.3	6.7	6.0	5.3	5.7	5.7	6.1

TABLE 7. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
 (CONT'D) IN THE 2012 NATIONAL TALL FESCUE TEST AT GROWN UNDER SHADE AT CARBONDALE, IL 1/
 2014 DATA

NAME	TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/										
	PERCENT COVER SUMMER	PERCENT COVER FALL	APR	MAY	JUN	QUALITY RATINGS			SEP	OCT	MEAN
						JUL	AUG				
MICHELANGELO (LTP-F5DPDR)	76.0	55.0	6.0	7.0	6.3	6.3	6.0	5.7	5.3	6.1	
RAPTOR III (ZW 44)	75.0	73.0	5.3	6.3	6.0	6.3	6.0	6.3	6.7	6.1	
ATF 1704	74.0	80.0	4.7	6.0	6.0	6.7	6.3	6.3	6.3	6.0	
HOVER (BURL TF-69)	79.7	65.0	5.7	6.3	6.3	6.0	5.3	6.0	6.0	6.0	
DZ1	75.0	71.7	6.0	7.0	5.7	5.7	5.7	6.3	6.0	6.0	
HEMI	74.3	73.3	5.3	6.3	5.7	6.3	6.3	6.0	6.3	6.0	
HOT ROD (BURL TF-136)	75.7	62.3	6.3	6.7	6.3	6.3	5.7	5.0	5.3	6.0	
IS-TF 272	75.3	65.0	4.7	5.7	6.3	7.0	7.0	6.0	5.0	6.0	
ROCKWELL (LTP-TWUU)	72.3	71.7	5.7	6.0	5.7	6.3	6.3	6.3	6.0	6.0	
BLACK TAIL (PPG-TF-150)	74.7	71.3	5.3	7.0	6.0	6.3	6.0	5.3	5.7	6.0	
PSG-GSD	80.3	82.0	6.3	6.7	6.0	5.7	5.3	5.0	7.0	6.0	
PST-5BPO	75.7	70.7	6.0	6.7	6.0	6.0	6.0	5.0	6.0	6.0	
FALCON IV	67.3	68.7	5.3	6.0	6.0	6.3	6.0	6.0	5.3	5.9	
GRANDE 3	73.3	63.3	5.0	6.3	6.3	6.3	6.0	5.7	5.3	5.9	
PPG-TF-135	86.0	53.7	6.7	8.0	7.0	6.7	5.7	3.3	4.0	5.9	
THOR (PPG-TF-157)	82.3	55.3	6.0	6.3	7.0	6.7	5.7	5.0	4.7	5.9	
THUNDERSTRUCK (TD1)	76.0	68.3	5.3	6.3	6.3	6.3	5.7	5.3	6.0	5.9	
F711	66.7	51.7	5.0	6.3	6.0	6.3	6.0	5.3	5.3	5.8	
FAITH	79.0	68.3	6.3	6.3	5.7	5.7	5.7	4.7	6.0	5.8	
IS-TF 289	68.7	56.3	6.0	6.3	6.3	6.0	5.7	5.0	5.0	5.8	
IS-TF 308 SEL	81.7	55.3	5.7	7.3	6.3	6.0	5.0	5.7	4.3	5.8	
IS-TF 310 SEL	80.0	75.7	4.7	5.7	5.7	6.3	6.7	5.7	6.0	5.8	
JS 916	77.0	63.0	5.3	6.3	6.3	6.0	5.7	5.3	5.3	5.8	
BULLSEYE	80.0	56.0	5.7	6.3	6.7	6.3	5.7	4.3	4.7	5.7	
FRONTLINE (EXP TF-09)	75.7	68.3	4.7	5.3	5.7	6.0	5.7	6.3	6.3	5.7	
IS-TF 269 SEL	65.0	68.3	5.0	5.7	6.0	6.0	5.3	6.3	5.3	5.7	
IS-TF 276 M2	75.3	74.0	4.7	5.7	5.7	5.7	5.7	6.0	6.3	5.7	
K12-MCD	76.7	64.7	6.0	6.0	5.7	6.0	5.7	5.3	5.0	5.7	
DIABLO (IS-TF 330)	62.7	58.0	6.0	6.3	5.7	6.0	5.7	5.3	4.3	5.6	
XTENDER (PPG-TF-139)	79.0	65.3	6.0	6.0	5.3	6.0	6.0	4.7	5.3	5.6	
PPG-TF-169	60.7	63.3	4.7	5.3	5.7	6.3	6.0	5.7	5.3	5.6	
PSG-8BP2	74.0	61.7	5.7	7.0	5.7	5.7	5.3	5.0	4.7	5.6	
FALCON V	71.7	58.7	5.0	5.7	5.7	5.7	5.3	6.0	5.3	5.5	
IS-TF 305 SEL	68.7	64.7	5.3	6.0	5.7	5.7	5.3	5.0	5.3	5.5	
K12-05	83.3	46.3	6.3	7.0	6.3	5.7	5.0	4.0	4.3	5.5	
PPG-TF-138	74.7	67.3	5.0	5.3	5.3	6.0	6.0	5.3	5.7	5.5	
PST-5MVD	60.7	66.7	4.7	5.3	5.7	6.3	6.3	5.7	4.7	5.5	
RAIN DANCE (PST-5SDT)	76.0	68.7	5.0	6.0	6.0	6.0	5.7	5.0	5.0	5.5	
TEMPTATION (OR-21)	76.7	55.3	5.0	6.0	6.0	5.7	5.7	5.3	4.7	5.5	
JS 819	72.0	54.0	5.0	5.7	5.7	6.0	5.7	5.3	4.7	5.4	
PSG-TT4	81.0	59.7	5.3	6.0	6.3	5.7	4.7	5.0	4.7	5.4	
RAD-TF-92	71.7	62.3	5.0	6.0	5.3	5.7	5.3	5.0	5.3	5.4	
REGENERATE	70.0	72.7	5.0	6.0	5.0	5.3	5.7	5.3	5.7	5.4	
W41	71.3	59.7	5.7	6.7	6.3	6.0	4.7	4.3	4.0	5.4	
ATF 1612	73.7	69.3	4.7	5.3	5.3	5.7	5.3	4.7	6.3	5.3	

TABLE 7.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT GROWN UNDER SHADE AT CARBONDALE, IL 1/
2014 DATA

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

NAME	PERCENT COVER SUMMER	PERCENT COVER FALL	QUALITY RATINGS					SEP	OCT	MEAN
			APR	MAY	JUN	JUL	AUG			
BAR FA 120878	80.7	54.0	5.3	6.3	6.3	6.0	5.0	4.3	4.0	5.3
KY-31	66.7	55.0	6.0	7.0	5.0	5.0	4.7	5.7	4.0	5.3
PPG-TF-137	62.7	68.0	5.0	5.3	5.0	5.3	5.7	5.7	5.3	5.3
TURFWAY (IS-TF 282 M2)	62.3	58.3	5.3	5.7	5.0	5.3	5.7	4.3	5.3	5.2
IS-TF 311	62.0	56.3	4.7	6.0	5.3	5.7	5.3	5.0	4.7	5.2
BAR FA 121095	57.3	61.0	5.0	5.7	5.3	5.3	5.3	4.3	5.0	5.1
GO-DFR	69.3	51.0	5.3	6.0	5.7	5.3	4.3	4.0	5.0	5.1
FOXHOUND (IS-TF 284 M2)	65.7	63.0	4.7	4.7	5.3	5.3	5.0	6.0	4.7	5.1
JS 818	64.7	54.7	4.3	5.0	5.7	6.0	6.0	4.3	4.7	5.1
PST-5DZP	76.0	57.0	5.0	5.3	5.3	5.3	5.0	4.3	5.3	5.1
AQUADUCT	66.3	52.3	4.7	6.0	5.0	5.3	5.0	4.3	4.3	5.0
CCR2	58.3	45.0	5.3	5.3	5.7	5.3	4.7	4.0	4.3	5.0
RAD-TF-89	66.0	50.7	4.7	5.0	5.3	5.3	5.3	4.7	4.3	5.0
RAD-TF-88	62.7	51.7	5.0	5.3	4.7	5.3	4.7	4.7	4.7	4.9
DYNAMITE LS (PPG-TF-145)	53.7	59.0	4.0	4.3	4.7	5.3	5.3	5.0	4.7	4.8
ANNIHILATOR	66.7	53.3	4.3	4.7	4.7	5.3	5.3	3.7	4.7	4.7
SWAGGER (PST-5R05)	73.0	37.3	5.0	6.0	5.7	5.0	4.0	3.7	3.7	4.7
WARHAWK	60.7	60.0	4.0	5.3	4.7	5.0	5.0	4.3	4.7	4.7
BAR FA 121091	64.7	42.0	5.3	6.0	4.7	4.3	3.0	4.3	3.7	4.5
JS 809	41.7	49.0	4.0	4.3	4.3	4.7	4.7	4.3	5.0	4.5
JS 825	45.3	48.3	4.0	4.0	4.3	4.7	4.7	4.0	5.0	4.4
K12-13	47.0	45.3	4.3	3.7	4.7	4.7	4.3	4.7	4.0	4.3
ARES (PPG-TF-142)	64.3	35.0	3.7	4.3	5.0	5.0	5.0	3.0	3.0	4.1
COMP. RES. SST	42.0	36.3	3.3	4.3	4.3	4.3	4.3	4.0	3.7	4.0
MARAUDER	35.7	36.7	3.3	3.7	3.7	4.0	4.0	4.0	3.3	3.7
204 RES. BLK4	53.3	21.7	3.7	3.0	2.7	3.3	3.7	4.0	2.0	3.2
LSD VALUE	31.3	39.4	2.3	2.4	2.6	2.2	2.7	3.9	3.7	1.8
C.V. (%)	18.9	25.6	19.2	18.7	19.8	17.6	20.9	25.2	25.7	15.9

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

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

TABLE 8.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT WEST LAFAYETTE, IN 1/
2014 DATA

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

NAME	GENETIC COLOR	LEAF TEXTURE	DENSITY SUMMER	BROWN PATCH WARM TEMP.	QUALITY RATINGS					MEAN	
					MAY	JUN	JUL	AUG	SEP		OCT
PPG-TF-170	8.0	6.0	7.0	7.7	7.0	6.7	6.3	7.7	6.7	7.0	6.9
4TH MILLENNIUM SRP (U43)	8.0	5.7	6.3	8.0	6.7	6.7	6.3	7.7	6.7	7.3	6.9
B23	8.0	6.0	6.3	7.7	7.0	6.7	5.7	7.0	7.0	7.3	6.8
CCR2	7.3	6.0	7.3	8.3	6.0	7.0	6.0	8.0	6.3	7.3	6.8
FAYETTE (IS-TF 291)	8.7	6.0	6.3	8.0	7.0	6.7	6.0	7.0	7.0	7.0	6.8
THOR (PPG-TF-157)	8.3	6.0	6.7	8.0	7.0	6.7	6.3	6.7	7.0	7.0	6.8
MET 1	7.7	6.0	7.7	8.0	6.0	6.7	5.7	7.3	7.3	7.3	6.7
FIRECRACKER SLS (PPG-TF-105)	7.7	6.0	6.3	8.3	7.0	6.7	6.0	6.7	7.0	6.7	6.7
TITANIUM 2LS (PPG-TF-152)	8.0	6.0	6.3	8.3	6.7	6.3	6.7	7.0	6.7	7.0	6.7
REGENERATE	7.7	5.7	7.0	8.3	6.3	6.0	6.0	7.3	7.0	7.3	6.7
IS-TF 305 SEL	8.0	6.0	5.7	7.7	6.7	6.3	6.7	6.7	6.7	6.7	6.6
IS-TF 307 SEL	8.0	6.0	7.3	8.0	6.7	6.3	6.3	6.7	6.3	7.0	6.6
IS-TF 308 SEL	8.0	5.7	7.3	7.7	6.0	6.7	6.0	7.0	6.7	7.3	6.6
MET 6 SEL	7.0	5.3	7.7	8.7	6.3	6.3	6.3	7.0	7.0	6.7	6.6
PPG-TF-137	7.3	6.0	7.7	8.0	6.3	6.0	6.0	6.7	7.0	7.3	6.6
PPG-TF-138	8.0	6.0	6.0	7.7	6.3	6.0	6.0	6.7	7.0	7.3	6.6
AVENGER II (PPG-TF-156)	7.3	6.0	7.0	8.3	6.3	6.3	6.3	6.7	7.0	7.0	6.6
PPG-TF-169	7.7	5.3	6.3	7.3	6.7	6.7	5.3	6.7	7.0	7.3	6.6
TRAVERSE 2 SRP (W45)	7.7	5.7	6.7	7.3	6.3	6.0	6.7	6.3	7.3	7.0	6.6
F711	7.7	6.0	6.0	8.3	5.7	6.3	5.7	7.7	6.7	7.0	6.5
FIREBIRD 2	7.7	6.0	6.3	8.0	6.3	6.7	6.0	6.3	6.7	7.0	6.5
HEMI	7.7	6.0	6.7	8.0	6.0	6.7	5.7	7.0	6.3	7.3	6.5
IS-TF 310 SEL	7.7	6.0	6.7	8.0	6.3	6.7	5.7	6.7	6.3	7.3	6.5
BLACK TAIL (PPG-TF-150)	7.0	5.7	7.0	7.7	6.3	6.0	6.0	7.0	7.0	6.7	6.5
PPG-TF-172	7.3	5.7	7.0	8.7	6.3	6.3	5.7	7.0	6.7	7.0	6.5
PSG-PO1	7.3	6.0	6.0	8.3	6.0	6.3	6.0	6.3	7.3	7.0	6.5
ROWDY (SRX-TPC)	7.3	6.0	6.7	8.7	6.7	6.0	6.3	6.7	6.7	6.7	6.5
BIZEM	7.3	5.3	6.0	7.7	6.7	6.0	5.7	6.3	7.0	7.0	6.4
HOT ROD (BURL TF-136)	7.7	6.0	6.3	9.0	6.3	6.3	5.7	7.0	6.3	6.7	6.4
IS-TF 269 SEL	8.3	5.7	6.3	7.7	6.0	6.0	5.7	7.0	6.3	7.3	6.4
K12-MCD	7.0	6.0	5.3	7.3	6.3	6.7	5.7	6.7	6.3	7.0	6.4
LEONARDO (LTP-FSD)	7.0	5.3	6.3	8.3	5.7	6.0	6.3	6.7	6.7	7.0	6.4
MET-3	7.0	5.3	6.7	8.3	6.3	6.0	6.0	6.7	6.7	7.0	6.4
PICK-W43	8.0	6.0	6.3	7.7	6.3	6.3	6.3	6.3	6.3	6.7	6.4
XTENDER (PPG-TF-139)	8.3	6.0	6.3	8.0	6.0	6.0	6.0	7.0	6.7	7.0	6.4
SCREAMER LS (PPG-TF-148)	7.7	6.0	6.3	9.0	6.3	6.0	6.3	6.7	6.3	7.0	6.4
PPG-TF-151	8.0	6.0	6.7	8.7	7.3	6.0	6.0	6.0	6.3	6.7	6.4
PST-5MVD	7.3	5.7	6.7	8.3	6.3	6.3	5.7	6.3	6.7	7.0	6.4
RAD-TF-89	8.7	6.0	6.3	8.0	5.7	6.3	5.7	7.0	6.7	7.0	6.4
REFLECTION (U45)	8.0	6.0	7.0	8.7	6.0	5.7	6.0	6.7	7.3	7.0	6.4
W41	8.0	6.0	6.7	6.7	6.7	6.3	5.7	6.7	6.7	6.7	6.4
ATF 1612	7.3	5.7	6.3	8.3	5.7	6.3	6.0	7.0	6.3	6.7	6.3
HOVER (BURL TF-69)	7.7	6.0	6.0	8.3	5.7	6.3	6.3	6.7	6.0	6.7	6.3
CATALYST	7.3	5.3	6.7	7.7	6.7	6.0	6.0	6.7	6.0	6.7	6.3
DZ1	7.7	5.7	6.0	7.7	6.3	6.0	5.7	6.0	7.0	7.0	6.3

TABLE 8. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT WEST LAFAYETTE, IN 1/
2014 DATA

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

NAME	GENETIC COLOR	LEAF TEXTURE	DENSITY SUMMER	BROWN PATCH		QUALITY RATINGS					MEAN	
				WARM TEMP.	MAY	JUN	JUL	AUG	SEP	OCT		
GTO (BURL TF-2)	7.3	5.3	6.0	7.7	6.3	6.0	5.7	6.7	6.7	6.7	6.7	6.3
IS-TF 285	8.3	6.0	6.7	7.3	6.3	6.7	5.0	7.0	6.3	6.7	6.7	6.3
DIABLO (IS-TF 330)	8.3	6.0	6.3	8.3	6.0	6.0	6.0	7.0	6.3	6.7	6.7	6.3
MICHELANGELO (LTP-F5DPDR)	7.3	6.0	6.7	8.7	6.3	6.0	5.7	6.7	6.0	7.0	6.7	6.3
PPG-TF-135	7.7	6.0	7.0	7.3	6.3	6.3	5.7	6.0	6.7	7.0	6.7	6.3
DYNAMITE LS (PPG-TF-145)	8.0	6.0	5.7	7.7	6.3	6.7	5.7	6.0	6.3	7.0	6.7	6.3
FIREWALL (PSG-WE1)	7.7	6.0	6.7	8.3	5.7	6.7	6.3	6.7	6.0	6.7	6.7	6.3
PST-5EV2	7.0	5.0	6.3	8.3	6.0	5.3	6.0	6.3	6.7	7.3	6.7	6.3
MERIDIAN (PST-5GRB)	7.0	6.3	7.3	7.0	7.0	6.3	5.3	6.7	6.0	6.7	6.7	6.3
TECHNIQUE (RZ2)	7.3	6.0	6.7	7.7	6.3	6.0	6.0	6.3	6.3	7.0	6.7	6.3
MAESTRO (T31)	7.3	5.3	6.7	7.3	6.3	5.7	5.7	7.0	6.3	7.0	6.7	6.3
ATF 1754	7.0	5.0	7.3	8.0	6.3	5.3	6.0	6.3	6.0	7.0	6.7	6.2
BULLSEYE	7.7	6.0	6.3	8.0	6.7	6.0	5.3	6.7	6.0	6.7	6.7	6.2
FAITH	8.0	6.0	6.3	8.3	6.3	5.7	6.0	6.3	6.7	6.0	6.7	6.2
FESNOVA	7.3	5.7	6.7	6.3	6.3	6.0	5.3	6.0	6.7	7.0	6.7	6.2
GRANDE 3	7.7	5.0	6.0	8.3	5.3	6.0	6.0	6.3	6.7	6.7	6.7	6.2
TURFWAY (IS-TF 282 M2)	8.0	5.7	6.3	7.7	6.3	6.3	5.7	5.7	6.3	7.0	6.7	6.2
IS-TF 311	8.0	5.3	7.0	7.0	6.3	6.0	5.3	6.3	6.3	6.7	6.7	6.2
JS 916	8.0	6.0	6.3	8.0	6.0	6.0	5.3	7.0	6.0	7.0	6.7	6.2
ROCKWELL (LTP-TWUU)	7.7	5.7	6.3	8.3	5.3	6.0	6.0	6.3	6.3	7.0	6.7	6.2
ARES (PPG-TF-142)	8.3	6.3	6.0	7.3	5.7	6.3	5.3	6.7	6.3	6.7	6.7	6.2
PST-5BPO	7.0	4.7	6.0	7.3	6.3	5.7	6.0	6.0	6.7	6.3	6.7	6.2
FALCON IV	7.3	5.3	5.7	8.0	6.0	6.0	5.7	6.3	6.0	6.3	6.7	6.1
FALCON V	7.7	5.7	6.0	7.3	6.7	6.0	6.0	6.0	6.0	6.0	6.7	6.1
GO-DFR	8.0	6.0	5.0	5.7	6.3	6.0	4.7	6.3	6.3	7.0	6.7	6.1
IS-TF-287	7.7	6.0	6.3	7.7	5.7	6.0	6.3	6.0	6.3	6.3	6.7	6.1
PPG-TF-115	7.0	6.0	6.3	8.7	6.0	6.0	6.0	6.0	6.0	6.3	6.7	6.1
PSG-GSD	7.0	6.0	5.7	8.7	5.7	6.0	6.0	6.3	6.0	6.3	6.7	6.1
PST-5DZP	7.3	5.7	6.0	6.7	6.0	6.0	5.3	6.3	6.0	6.7	6.7	6.1
RAD-TF-88	8.0	6.3	6.0	8.0	5.3	6.0	5.7	6.0	6.3	7.0	6.7	6.1
RHAMBLER 2 SRP (LSD)	8.0	6.0	7.0	8.3	5.7	6.0	6.0	6.3	6.0	6.3	6.7	6.1
TERRANO	8.0	5.7	6.0	8.7	6.3	6.0	5.7	6.3	6.0	6.0	6.7	6.1
RAPTOR III (ZW 44)	7.3	5.7	6.7	8.0	6.3	6.3	5.3	6.3	5.7	6.7	6.7	6.1
IS-TF 276 M2	8.0	5.7	5.3	7.7	6.3	5.7	5.7	6.0	5.7	6.7	6.7	6.0
IS-TF 289	8.7	6.0	6.7	7.7	5.3	6.3	5.3	6.3	6.3	6.3	6.7	6.0
RAD-TF-92	8.3	6.3	6.3	7.7	5.3	6.0	5.7	6.7	5.7	6.7	6.7	6.0
ATF 1704	6.3	5.0	6.0	6.3	6.3	5.7	5.0	5.7	5.7	7.0	6.7	5.9
ATF 1736	7.7	5.7	6.3	8.0	5.7	6.0	5.7	6.0	6.0	6.3	6.7	5.9
CAESAR (TY 10)	8.3	6.0	5.3	7.7	6.3	5.7	5.0	6.0	5.7	7.0	6.7	5.9
JS 818	7.7	6.0	5.0	6.0	6.3	6.0	5.0	6.3	5.7	6.3	6.7	5.9
PST-5BRK	7.3	5.0	6.0	7.3	5.7	6.0	5.0	6.3	6.0	6.7	6.7	5.9
SWAGGER (PST-5R05)	7.3	5.3	5.0	6.7	6.3	6.0	5.3	5.3	6.0	6.3	6.7	5.9
SALTILLO (PST-5SALT)	6.3	5.7	5.7	7.0	6.0	5.3	5.3	6.0	6.0	6.7	6.7	5.9
KINGDOM (DB1)	8.0	6.0	5.7	6.0	5.7	6.0	4.7	6.0	6.0	6.7	6.7	5.8
IS-TF 272	8.3	6.0	6.3	7.3	5.3	5.7	5.7	6.0	6.0	6.3	6.7	5.8

TABLE 8. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT WEST LAFAYETTE, IN 1/
2014 DATA

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

NAME	GENETIC COLOR	LEAF TEXTURE	DENSITY SUMMER	BROWN PATCH WARM TEMP.	MAY	JUN	QUALITY RATINGS				OCT	MEAN
							JUL	AUG	SEP			
PSG-TT4	6.3	5.3	5.0	7.3	6.0	6.3	4.7	5.7	5.7	6.7	5.8	
PST-5EX2	6.7	4.7	5.7	7.7	5.7	5.3	5.7	6.0	6.0	6.3	5.8	
BAR FA 121091	8.3	5.3	5.3	6.3	5.7	5.7	4.7	5.7	6.0	6.7	5.7	
INSPIRATION (PST-R5NW)	7.0	4.7	5.7	7.3	6.0	6.0	5.3	5.3	5.7	6.0	5.7	
FOXHOUND (IS-TF 284 M2)	8.0	5.7	6.0	7.0	5.0	6.0	4.7	5.7	6.0	6.7	5.7	
JS 809	8.0	5.7	5.7	5.0	6.3	6.3	4.0	5.7	5.7	6.0	5.7	
RAIN DANCE (PST-5SDT)	7.3	4.7	5.3	6.0	5.7	5.7	4.7	5.7	6.0	6.3	5.7	
THUNDERSTRUCK (TD1)	7.7	5.7	6.0	7.0	5.3	6.0	5.0	6.0	5.3	6.3	5.7	
TEMPTATION (OR-21)	8.3	5.3	5.3	6.0	6.0	6.0	4.7	5.7	5.3	6.3	5.7	
ANNIHILATOR	7.0	6.0	5.0	5.3	6.0	6.3	4.7	5.3	5.0	6.3	5.6	
BAR FA 121095	8.0	5.7	6.0	6.7	5.3	5.7	5.0	6.0	5.7	6.0	5.6	
JS 819	7.3	5.3	5.7	6.7	5.3	5.3	5.3	5.7	5.7	6.0	5.6	
PSG-8BP2	7.7	5.3	6.0	7.7	5.3	5.3	5.3	5.7	5.7	6.0	5.6	
RAD-TF-83	9.0	6.0	5.7	7.0	5.3	6.0	5.0	5.7	5.0	6.3	5.6	
FRONTLINE (EXP TF-09)	8.0	6.0	5.3	5.7	5.7	5.7	4.7	6.0	5.0	6.0	5.5	
K12-05	8.3	6.0	5.0	4.3	5.3	5.7	4.3	5.3	5.7	6.7	5.5	
204 RES. BLK4	7.3	6.0	4.7	5.0	6.0	5.7	4.3	5.3	5.0	6.0	5.4	
AQUADUCT	6.7	5.0	5.7	6.0	5.7	5.3	5.0	5.7	5.3	5.7	5.4	
BAR FA 121089	7.7	5.7	5.0	6.3	5.3	5.7	5.0	5.3	5.3	5.7	5.4	
COMP. RES. SST	6.3	7.0	4.7	5.3	5.7	5.7	4.3	5.3	5.3	6.3	5.4	
JS 825	7.7	5.3	5.3	6.7	5.3	5.7	5.0	5.7	5.7	5.3	5.4	
K12-13	8.0	6.7	6.0	6.0	5.3	5.7	4.3	5.7	5.0	6.3	5.4	
MARAUDER	7.3	6.7	4.7	6.3	5.3	6.0	4.3	5.7	5.0	6.3	5.4	
WARHAWK	7.3	6.0	5.0	5.3	5.0	6.3	4.7	5.3	5.3	5.7	5.4	
BAR FA 120878	5.3	4.0	4.7	6.7	4.7	5.0	4.7	5.0	5.0	5.0	4.9	
KY-31	4.0	3.0	4.0	8.7	4.0	4.0	4.0	4.0	4.0	4.0	4.0	
LSD VALUE	1.0	0.6	1.2	1.8	1.3	1.0	1.3	1.1	1.0	1.0	0.5	
C.V. (%)	7.7	6.9	11.4	13.2	10.8	8.3	12.2	10.0	9.2	8.1	4.8	

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

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

TABLE 9.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT WICHITA, KS 1/
2014 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	BROWN PATCH WARM TEMP.	QUALITY RATINGS							
				APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
IS-TF 308 SEL	6.0	5.7	6.0	5.0	5.7	6.3	6.0	6.7	5.3	6.0	5.9
PPG-TF-172	5.7	5.3	5.3	5.7	6.7	6.3	5.7	5.7	4.7	6.3	5.9
PPG-TF-135	6.3	5.0	6.7	4.7	5.7	6.3	5.7	6.3	5.3	6.7	5.8
THOR (PPG-TF-157)	7.0	5.7	6.0	5.0	6.0	6.7	6.0	6.3	4.7	5.7	5.8
TECHNIQUE (RZ2)	5.7	5.3	6.3	5.7	6.0	6.7	5.7	5.7	5.0	5.7	5.8
DZ1	6.0	5.0	6.3	4.7	5.7	6.3	5.7	6.0	5.0	6.3	5.7
FALCON V	5.3	6.0	6.0	4.7	5.7	6.3	6.3	6.3	4.7	5.7	5.7
MICHELANGELO (LTP-F5DPDR)	5.3	5.3	6.3	5.0	6.3	6.3	5.3	6.0	4.7	6.0	5.7
ROCKWELL (LTP-TWUU)	6.3	6.3	6.0	5.3	6.3	7.0	5.3	5.3	4.0	6.3	5.7
BLACK TAIL (PPG-TF-150)	5.3	5.3	6.0	5.3	6.3	6.0	5.7	6.0	5.0	5.7	5.7
AVENGER II (PPG-TF-156)	6.0	5.3	6.3	4.3	6.0	6.3	6.3	6.3	4.7	5.7	5.7
TERRANO	6.3	5.3	6.3	5.7	6.3	6.7	5.7	5.3	4.3	5.7	5.7
REFLECTION (U45)	6.0	6.0	6.3	5.7	6.7	6.7	5.7	5.3	4.7	5.3	5.7
F711	5.7	5.3	6.3	4.7	7.0	6.7	6.0	5.3	3.7	6.0	5.6
FIREBIRD 2	7.0	5.7	6.0	4.7	6.0	6.3	5.0	6.3	5.3	5.3	5.6
GTO (BURL TF-2)	6.0	5.7	5.7	5.0	6.0	6.0	5.7	6.0	5.0	5.7	5.6
MET 1	6.0	5.7	6.3	4.7	6.0	6.0	6.0	5.7	4.7	6.0	5.6
PICK-W43	5.7	6.0	5.7	4.7	6.0	7.0	5.7	5.7	4.0	6.3	5.6
PPG-TF-151	6.3	6.0	6.3	6.0	5.3	6.3	5.3	6.0	4.7	5.7	5.6
PST-5BRK	5.0	5.7	5.3	4.7	6.0	6.0	5.7	5.7	4.7	6.3	5.6
MERIDIAN (PST-5GRB)	5.0	5.0	6.3	4.7	6.0	6.3	6.0	5.7	4.7	5.7	5.6
PST-5MVD	5.7	5.3	6.3	5.0	6.0	6.3	5.7	5.7	4.3	6.3	5.6
ROWDY (SRX-TPC)	6.3	4.3	5.3	4.7	6.3	6.7	6.0	6.0	4.3	5.0	5.6
MAESTRO (T31)	5.7	5.7	5.7	5.0	6.0	6.0	6.0	4.7	4.3	7.0	5.6
ATF 1612	5.7	5.0	5.3	4.0	6.0	6.0	6.0	5.7	4.3	6.7	5.5
ATF 1704	5.0	5.7	6.0	5.0	5.3	6.0	5.7	5.3	5.0	6.0	5.5
ATF 1754	5.3	5.0	5.3	5.3	5.7	6.0	6.3	5.3	4.7	5.0	5.5
BIZEM	5.3	5.0	6.3	4.3	6.0	6.0	6.0	6.0	4.7	5.7	5.5
IS-TF 307 SEL	6.3	5.0	5.7	5.0	5.3	6.3	6.0	5.3	4.3	6.3	5.5
MET-3	5.7	5.3	5.7	4.7	5.7	6.0	5.7	6.0	4.3	6.0	5.5
SCREAMER LS (PPG-TF-148)	5.3	5.0	7.0	4.3	5.7	6.0	6.0	5.7	4.7	6.0	5.5
TITANIUM 2LS (PPG-TF-152)	6.3	4.7	5.7	5.7	6.0	6.3	5.7	5.0	4.0	6.0	5.5
PPG-TF-169	5.7	5.7	5.7	5.0	5.7	6.0	5.3	5.0	5.3	6.3	5.5
PST-5EX2	4.3	6.3	6.3	5.7	6.0	5.0	6.0	5.0	4.7	6.3	5.5
REGENERATE	5.7	5.3	6.0	4.3	6.0	6.0	5.7	6.0	5.0	5.7	5.5
4TH MILLENNIUM SRP (U43)	5.7	5.3	6.0	4.3	6.0	6.3	6.0	5.7	4.3	6.0	5.5
TRAVERSE 2 SRP (W45)	6.0	5.3	6.0	4.0	6.0	6.0	6.0	6.0	4.3	6.3	5.5
CCR2	6.0	5.7	6.0	5.0	6.3	6.3	5.7	5.3	4.0	5.3	5.4
GRANDE 3	5.3	5.3	6.7	4.0	5.7	6.0	6.3	6.0	4.3	5.7	5.4
JS 916	6.0	5.3	5.3	5.0	5.3	6.0	5.7	5.7	4.7	5.7	5.4
LEONARDO (LTP-FSD)	5.7	5.0	5.7	5.0	5.7	6.0	6.0	5.3	4.3	5.7	5.4
MET 6 SEL	5.0	5.0	5.0	4.7	6.0	5.7	5.7	5.0	4.3	6.7	5.4
FIRECRACKER SLS (PPG-TF-105)	7.0	5.3	6.7	4.3	6.0	6.3	5.7	5.3	4.3	5.7	5.4
PPG-TF-137	6.0	5.3	6.0	4.7	6.0	6.3	5.7	5.3	4.0	5.7	5.4
DYNAMITE LS (PPG-TF-145)	7.7	5.0	5.3	5.0	5.7	6.7	5.7	5.0	4.3	5.3	5.4

TABLE 9. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT WICHITA, KS 1/
2014 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	BROWN PATCH WARM TEMP.	QUALITY RATINGS							MEAN
				APR	MAY	JUN	JUL	AUG	SEP	OCT	
PST-5BP0	5.3	5.3	5.3	5.3	5.7	6.0	5.7	4.3	4.3	6.7	5.4
PST-5EV2	5.3	4.7	6.7	4.7	5.7	6.3	5.7	5.7	4.3	5.3	5.4
RHAMBLER 2 SRP (LSD)	6.0	5.0	5.0	4.7	6.3	6.3	5.3	5.3	4.3	5.7	5.4
SALTILLO (PST-5SALT)	6.0	4.3	6.3	5.0	5.7	6.0	5.7	5.7	3.7	6.0	5.4
W41	6.3	5.3	6.0	4.7	5.7	6.3	5.0	6.0	4.3	5.7	5.4
CATALYST	6.0	5.7	5.0	5.0	5.7	6.0	5.3	5.3	4.3	5.3	5.3
KINGDOM (DB1)	7.0	4.7	5.7	5.0	5.3	6.0	4.7	5.3	4.7	6.0	5.3
HOT ROD (BURL TF-136)	6.0	5.0	6.7	4.3	5.3	6.3	5.7	5.0	4.0	6.3	5.3
IS-TF 310 SEL	7.0	5.0	5.0	5.0	5.7	6.0	5.0	5.0	4.3	6.0	5.3
PPG-TF-115	7.0	4.7	6.0	4.3	6.0	6.3	5.7	5.0	3.7	6.0	5.3
PPG-TF-138	6.3	4.7	5.7	4.7	5.7	6.3	6.0	6.0	3.3	5.3	5.3
PSG-GSD	5.7	5.7	6.3	5.3	5.7	6.0	6.0	5.3	3.3	5.3	5.3
PSG-PO1	6.3	5.3	6.3	4.7	5.3	6.3	5.3	5.3	4.3	6.0	5.3
PSG-TT4	6.0	5.0	5.7	5.0	5.3	5.7	5.7	5.0	5.0	5.7	5.3
SWAGGER (PST-5R05)	5.7	5.0	6.0	4.7	5.7	6.0	5.3	5.3	4.3	5.7	5.3
RAPTOR III (ZW 44)	6.0	5.7	5.7	5.3	6.3	6.0	5.3	5.0	3.7	5.7	5.3
ATF 1736	5.7	4.7	6.0	5.0	5.3	6.0	5.3	5.3	4.0	5.3	5.2
B23	6.3	4.7	6.3	3.7	6.0	6.0	5.7	5.7	4.0	5.7	5.2
FESNOVA	5.7	5.7	5.3	4.7	6.3	6.0	5.0	4.0	4.3	6.0	5.2
TURFWAY (IS-TF 282 M2)	7.3	5.3	6.0	5.0	5.3	6.3	5.3	5.0	4.7	5.0	5.2
FOXHOUND (IS-TF 284 M2)	7.3	4.7	5.3	5.0	6.0	6.0	5.3	5.0	4.0	5.0	5.2
FAYETTE (IS-TF 291)	7.3	5.0	5.3	4.7	5.7	5.7	5.3	5.0	4.0	6.0	5.2
ARES (PPG-TF-142)	7.3	5.0	5.7	4.7	5.3	5.7	5.3	5.3	4.0	6.0	5.2
FIREWALL (PSG-WE1)	6.7	5.0	6.0	4.0	5.7	6.7	5.3	5.0	4.0	6.0	5.2
RAD-TF-88	6.7	5.0	5.0	5.0	5.0	5.7	5.0	5.7	4.7	5.3	5.2
HOVER (BURL TF-69)	6.3	4.7	6.0	4.3	5.7	6.0	5.3	5.3	3.7	5.3	5.1
CAESAR (TY 10)	7.7	6.0	5.3	5.0	5.3	6.0	5.3	5.0	4.0	5.3	5.1
FAITH	6.3	5.3	5.7	4.3	5.3	6.0	5.7	5.3	3.3	6.0	5.1
FALCON IV	5.7	5.0	5.3	5.0	5.7	5.7	5.7	4.7	3.7	5.3	5.1
HEMI	6.0	4.7	6.3	3.3	5.3	6.0	5.3	5.3	4.3	6.0	5.1
IS-TF 269 SEL	7.0	5.0	4.3	5.0	6.0	6.0	4.7	4.0	4.3	5.7	5.1
IS-TF 276 M2	6.7	5.7	4.7	5.7	5.3	5.7	4.7	4.3	4.3	6.0	5.1
IS-TF 311	6.7	5.0	5.7	4.3	6.0	5.7	5.3	5.7	3.7	5.3	5.1
PPG-TF-170	6.7	5.7	5.3	4.3	6.0	6.3	5.7	4.7	3.3	5.7	5.1
PSG-8BP2	6.7	4.7	5.7	5.0	5.3	5.7	5.7	4.7	4.0	5.3	5.1
RAD-TF-89	7.0	4.7	5.3	4.0	5.3	5.7	5.0	5.0	4.7	6.0	5.1
BAR FA 121091	7.0	4.3	6.3	4.7	5.0	6.0	5.3	5.0	3.7	5.0	5.0
FRONTLINE (EXP TF-09)	7.3	5.7	4.7	4.7	5.7	5.3	5.0	4.3	3.7	6.7	5.0
GO-DFR	7.0	5.0	4.3	5.0	5.3	5.7	5.0	4.7	4.0	5.7	5.0
INSPIRATION (PST-R5NW)	6.7	5.0	5.7	4.3	5.7	5.7	5.7	4.7	3.7	5.3	5.0
DIABLO (IS-TF 330)	7.0	4.3	5.7	4.3	5.3	6.0	5.7	5.3	3.7	5.0	5.0
JS 819	7.0	5.0	5.7	5.0	5.3	6.3	4.7	5.0	3.3	5.7	5.0
K12-MCD	5.7	5.3	5.7	4.3	5.7	5.7	5.3	5.0	3.7	5.7	5.0
RAD-TF-92	6.0	5.0	4.7	4.7	5.0	5.7	4.7	4.7	4.7	5.3	5.0
THUNDERSTRUCK (TD1)	7.3	4.0	5.7	4.7	5.3	6.3	4.7	4.7	3.3	5.7	5.0

TABLE 9. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT WICHITA, KS 1/
2014 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	BROWN PATCH WARM TEMP.	QUALITY RATINGS							MEAN
				APR	MAY	JUN	JUL	AUG	SEP	OCT	
BAR FA 121089	6.7	4.7	5.3	4.7	5.7	5.7	5.3	4.7	3.0	5.0	4.9
BULLSEYE	6.0	5.3	4.7	4.3	5.3	6.0	5.0	4.7	3.0	5.7	4.9
IS-TF 289	7.3	3.7	4.7	4.3	6.0	6.0	5.0	4.0	3.7	5.3	4.9
IS-TF 305 SEL	7.3	4.3	5.3	4.3	5.0	5.7	4.7	4.7	3.7	6.0	4.9
IS-TF-287	6.7	5.0	5.3	4.0	4.7	5.7	5.3	5.0	3.7	6.0	4.9
JS 818	7.3	5.3	4.3	4.7	5.7	5.3	5.0	4.3	3.3	5.7	4.9
PST-5DZP	6.3	4.0	5.7	4.3	5.0	6.0	5.3	4.7	3.0	5.7	4.9
RAD-TF-83	7.3	5.3	4.7	4.3	4.7	5.3	5.7	4.3	4.3	5.3	4.9
ANNIHILATOR	7.0	5.0	4.0	4.7	5.0	5.3	4.3	5.0	3.7	5.7	4.8
AQUADUCT	7.0	4.7	5.3	4.0	5.0	5.3	5.7	4.3	3.7	5.7	4.8
JS 825	7.0	4.3	4.3	4.7	5.0	5.7	5.0	3.7	3.7	5.7	4.8
MARAUDER	6.3	4.0	4.3	4.3	4.3	5.3	4.7	5.0	4.0	5.7	4.8
RAIN DANCE (PST-5SDT)	6.3	5.3	5.0	5.0	5.0	5.3	4.7	4.0	4.0	5.7	4.8
BAR FA 120878	5.0	4.3	5.3	5.0	4.0	5.0	5.0	4.3	4.3	5.3	4.7
BAR FA 121095	6.7	4.0	4.3	4.3	5.0	5.7	4.7	3.7	4.0	5.3	4.7
COMP. RES. SST	6.3	4.3	4.7	4.3	4.7	5.0	4.7	4.7	4.0	5.7	4.7
XTENDER (PPG-TF-139)	7.3	5.0	5.0	4.0	5.7	5.7	5.3	4.0	3.0	5.3	4.7
TEMPTATION (OR-21)	7.7	4.7	4.3	4.3	5.0	6.0	5.0	4.0	3.7	5.0	4.7
WARHAWK	7.3	4.7	4.7	5.0	4.3	4.7	4.7	4.7	4.0	5.7	4.7
IS-TF 272	8.0	4.7	4.0	4.7	5.3	6.0	4.7	3.7	3.0	5.0	4.6
K12-05	7.0	4.3	5.0	4.0	5.3	5.7	4.3	3.7	4.0	5.3	4.6
IS-TF 285	7.7	4.7	4.0	4.0	5.3	6.0	5.0	3.7	2.7	5.0	4.5
204 RES. BLK4	6.3	4.0	4.0	3.7	4.3	5.3	4.0	4.3	3.3	6.0	4.4
JS 809	7.7	4.0	5.0	3.7	4.7	5.0	5.3	4.0	2.7	5.3	4.4
K12-13	7.0	3.7	5.0	3.7	5.0	5.7	3.7	3.7	3.7	5.3	4.4
KY-31	3.0	6.0	7.3	3.0	3.0	4.0	3.3	3.0	4.0	4.0	3.5
LSD VALUE	1.0	1.4	2.2	1.3	1.2	1.0	1.3	1.8	2.2	1.0	0.6
C.V. (%)	10.0	13.6	17.1	13.8	11.3	8.7	11.9	17.3	20.1	9.2	6.6

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

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

TABLE 10. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT LEXINGTON, KY 1/
2014 DATA

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

NAME	WINTER COLOR	QUALITY RATINGS								MEAN
		MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	
HOT ROD (BURL TF-136)	4.0	4.7	6.0	7.7	7.0	7.3	7.0	7.3	8.0	6.9
FAYETTE (IS-TF 291)	4.3	5.0	6.3	7.3	6.7	7.3	7.0	7.7	8.0	6.9
ROCKWELL (LTP-TWUU)	4.3	5.3	6.0	7.0	7.7	7.3	7.0	7.0	7.7	6.9
KINGDOM (DB1)	4.0	4.0	6.0	7.3	7.7	7.7	7.0	7.0	7.3	6.8
F711	4.3	5.0	6.0	7.3	7.3	7.3	7.0	7.0	7.0	6.8
HEMI	4.0	4.3	6.0	7.3	7.0	7.7	7.0	7.0	7.7	6.8
IS-TF 272	4.0	4.3	6.0	7.7	6.7	7.7	7.0	7.3	8.0	6.8
IS-TF 311	4.0	5.0	6.3	7.0	7.0	7.3	7.0	7.3	7.0	6.8
MET 1	4.0	5.0	6.3	7.0	7.3	7.3	7.0	7.0	7.7	6.8
MET 6 SEL	4.3	5.3	6.0	7.0	7.0	7.0	7.0	7.0	7.7	6.8
MET-3	4.0	5.0	6.0	7.0	7.0	7.3	7.0	7.0	7.7	6.8
PICK-W43	4.0	5.3	6.0	7.0	7.0	7.3	7.0	7.3	7.7	6.8
PPG-TF-137	4.0	5.0	5.7	7.3	7.3	7.3	7.0	7.0	7.3	6.8
AVENGER II (PPG-TF-156)	4.0	5.0	6.0	7.3	7.0	7.3	7.0	7.0	7.7	6.8
PPG-TF-169	4.0	5.3	5.7	7.0	6.3	7.7	7.0	7.3	7.7	6.8
PPG-TF-170	4.0	5.3	6.0	7.3	7.0	7.7	7.0	7.0	7.0	6.8
PSG-P01	4.0	4.7	6.0	8.0	6.7	7.3	7.0	7.0	7.3	6.8
FIREWALL (PSG-WE1)	4.3	5.0	5.7	7.7	7.0	7.7	7.0	7.0	7.0	6.8
TECHNIQUE (RZ2)	4.0	4.7	6.3	7.0	7.3	7.3	7.0	7.0	7.3	6.8
MAESTRO (T31)	4.0	5.0	5.7	7.0	7.3	7.7	7.0	7.3	7.7	6.8
REFLECTION (U45)	4.0	4.7	6.3	7.0	7.3	7.0	7.0	7.7	7.0	6.8
TRAVERSE 2 SRP (W45)	4.0	4.3	6.0	7.3	7.3	7.7	7.0	7.0	7.7	6.8
BIZEM	4.0	4.7	6.0	7.3	6.7	7.7	7.0	7.0	7.3	6.7
BULLSEYE	4.0	4.7	6.0	7.0	7.0	7.0	7.0	7.3	7.3	6.7
CCR2	4.3	4.7	5.7	7.0	7.0	8.0	7.0	7.0	7.0	6.7
DZ1	4.0	4.3	6.0	7.0	7.3	7.0	7.0	7.0	7.7	6.7
FALCON V	4.0	5.0	6.0	7.0	7.0	7.3	7.0	7.0	7.0	6.7
GRANDE 3	4.3	5.7	6.0	7.0	6.7	7.0	7.0	7.0	7.0	6.7
IS-TF 307 SEL	4.0	4.7	6.3	7.0	7.0	7.3	6.3	7.3	7.3	6.7
IS-TF 308 SEL	4.0	5.0	6.0	7.0	7.3	7.0	7.0	7.0	7.0	6.7
JS 916	4.0	4.7	6.0	7.0	6.7	7.7	7.0	7.0	7.7	6.7
MICHELANGELO (LTP-F5DPDR)	4.0	4.7	6.0	7.0	7.3	7.3	6.7	7.0	7.7	6.7
PPG-TF-135	4.0	4.7	5.7	7.0	7.0	7.7	7.0	7.0	7.7	6.7
BLACK TAIL (PPG-TF-150)	4.0	5.0	5.7	7.0	7.0	7.0	7.0	7.0	7.7	6.7
TITANIUM 2LS (PPG-TF-152)	4.0	4.3	6.0	7.0	7.0	7.3	7.0	7.0	7.7	6.7
THOR (PPG-TF-157)	4.0	4.3	6.0	7.0	7.3	7.3	7.0	7.0	7.3	6.7
RAD-TF-88	4.0	4.7	6.0	7.3	6.7	7.0	6.7	7.3	7.7	6.7
REGENERATE	4.0	4.7	5.7	7.7	6.7	7.7	7.0	7.0	7.3	6.7
ROWDY (SRX-TPC)	4.0	4.7	6.0	7.0	7.3	7.7	7.0	7.0	7.0	6.7
4TH MILLENNIUM SRP (U43)	4.0	4.7	6.0	7.3	6.7	7.0	7.0	7.7	7.3	6.7
W41	4.0	4.7	6.0	7.0	7.0	7.3	7.0	7.0	7.7	6.7
ATF 1754	4.0	5.0	6.0	6.7	7.0	7.0	7.0	7.0	7.0	6.6
B23	4.0	4.0	6.0	7.0	7.0	7.3	7.0	7.3	7.0	6.6
HOVER (BURL TF-69)	4.0	4.7	6.0	7.0	7.0	7.3	7.0	7.0	7.0	6.6
CATALYST	4.0	4.7	6.0	7.0	7.0	7.0	7.0	7.0	7.0	6.6

TABLE 10.
(CONT'D)MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT LEXINGTON, KY 1/
2014 DATA

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

NAME	WINTER COLOR	QUALITY RATINGS								
		MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
FAITH	4.0	5.0	6.0	7.3	7.0	7.0	6.7	7.0	7.0	6.6
FESNOVA	4.0	4.7	6.0	7.3	6.7	7.0	7.0	7.0	7.3	6.6
FIREBIRD 2	4.0	4.7	6.0	7.3	7.0	7.3	7.0	6.7	7.0	6.6
GTO (BURL TF-2)	4.3	5.0	6.0	7.0	6.7	7.0	7.0	7.0	7.3	6.6
IS-TF 269 SEL	4.0	4.7	6.0	7.0	6.7	7.3	6.7	7.0	7.3	6.6
TURFWAY (IS-TF 282 M2)	4.0	4.7	6.0	7.0	7.0	7.0	7.0	7.0	7.0	6.6
IS-TF 285	4.0	4.3	6.3	7.0	7.0	7.0	6.7	7.0	7.3	6.6
IS-TF 305 SEL	4.0	4.3	6.0	7.0	6.7	7.0	7.0	7.3	7.3	6.6
DIABLO (IS-TF 330)	4.0	4.0	6.3	7.3	7.0	7.0	6.7	7.3	7.3	6.6
K12-MCD	4.0	4.7	6.0	7.0	6.7	7.0	7.0	7.3	7.0	6.6
LEONARDO (LTP-FSD)	4.0	4.3	6.0	7.3	7.0	7.3	6.7	7.0	7.3	6.6
FIRECRACKER SLS (PPG-TF-105)	4.0	4.7	6.0	7.0	6.7	7.3	7.0	7.0	7.0	6.6
PPG-TF-115	4.0	4.7	6.0	7.0	6.7	7.7	6.7	7.0	7.3	6.6
PPG-TF-138	4.0	4.3	6.0	7.3	6.3	7.3	7.0	7.0	7.3	6.6
TEMPTATION (OR-21)	4.0	4.7	6.0	7.0	6.7	7.3	7.0	7.0	7.0	6.6
RAPTOR III (ZW 44)	4.0	4.0	6.0	7.3	6.7	7.0	7.0	7.0	8.0	6.6
ATF 1612	4.0	4.3	5.7	7.0	6.7	7.3	7.0	7.0	7.3	6.5
ATF 1704	4.0	4.3	6.0	7.0	6.7	7.0	6.7	7.0	7.0	6.5
ATF 1736	4.0	4.3	6.0	6.7	7.0	7.0	7.0	7.3	7.0	6.5
BAR FA 121089	4.0	4.7	6.3	7.0	6.7	7.3	6.3	7.0	7.0	6.5
CAESAR (TY 10)	4.0	4.7	6.3	7.0	6.7	7.0	6.7	6.7	7.0	6.5
FALCON IV	4.0	5.0	6.0	7.0	6.3	7.0	6.7	7.0	7.0	6.5
FRONTLINE (EXP TF-09)	4.0	4.7	6.3	7.0	6.7	7.0	6.3	7.0	7.3	6.5
INSPIRATION (PST-R5NW)	4.0	5.0	6.0	7.0	6.7	7.0	6.7	6.7	7.0	6.5
FOXHOUND (IS-TF 284 M2)	4.0	4.3	6.0	7.0	6.7	7.0	7.0	7.0	7.3	6.5
IS-TF 289	4.0	4.0	6.0	7.3	6.3	7.0	6.7	7.0	7.3	6.5
IS-TF 310 SEL	4.0	4.7	6.0	7.0	6.7	7.0	7.0	7.0	7.0	6.5
IS-TF-287	4.0	4.0	6.0	7.0	6.7	7.3	6.7	7.0	7.3	6.5
K12-05	4.0	4.0	6.0	7.3	6.3	7.0	6.7	7.0	7.3	6.5
XTENDER (PPG-TF-139)	4.0	4.3	6.0	7.3	6.7	7.0	6.7	7.0	7.3	6.5
ARES (PPG-TF-142)	4.0	4.0	6.7	7.0	6.3	7.0	6.7	7.0	7.0	6.5
SCREAMER LS (PPG-TF-148)	4.0	4.7	5.3	7.0	7.0	7.0	7.0	7.0	7.3	6.5
PPG-TF-151	4.0	4.3	6.0	7.0	6.7	7.0	7.0	7.0	7.3	6.5
PPG-TF-172	4.0	4.0	6.3	7.0	6.7	7.0	7.0	7.0	7.3	6.5
PSG-GSD	4.0	4.7	6.0	7.0	7.0	7.0	6.7	7.0	7.0	6.5
PST-5EV2	4.0	4.3	5.7	7.0	7.0	7.0	7.0	7.3	7.0	6.5
RAD-TF-83	4.0	4.7	5.7	7.0	6.0	7.7	7.0	7.0	7.0	6.5
RAD-TF-89	3.7	4.3	5.7	7.0	7.0	7.0	6.7	7.3	7.0	6.5
RAD-TF-92	4.0	4.0	5.7	7.0	7.0	7.3	6.7	7.0	7.3	6.5
RHAMBLER 2 SRP (LSD)	4.0	4.0	5.7	7.3	7.0	7.0	7.0	6.7	7.0	6.5
SALTILLO (PST-5SALT)	4.0	4.3	6.0	7.0	6.7	7.0	6.7	7.0	7.0	6.5
BAR FA 121095	4.0	4.0	6.3	7.0	6.7	7.0	6.0	7.0	7.0	6.4
COMP. RES. SST	4.0	5.0	6.0	7.0	6.0	7.0	6.3	6.7	7.0	6.4
GO-DFR	4.0	4.3	6.0	7.0	6.3	7.0	6.3	7.0	7.3	6.4
IS-TF 276 M2	4.0	4.7	6.0	7.0	6.3	7.0	6.3	7.0	7.0	6.4

TABLE 10.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT LEXINGTON, KY 1/
2014 DATA

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

NAME	WINTER COLOR	QUALITY RATINGS								
		MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
DYNAMITE LS (PPG-TF-145)	3.7	4.0	6.3	7.3	6.3	7.0	6.3	6.7	7.0	6.4
PSG-8BP2	4.0	4.7	6.0	6.7	6.3	7.0	6.3	7.0	7.0	6.4
PST-5BPO	4.3	4.0	6.0	7.0	7.0	7.0	7.0	6.7	6.7	6.4
PST-5BRK	4.0	4.3	6.0	7.0	6.7	7.0	6.3	7.0	7.0	6.4
PST-5DZP	4.0	4.3	6.0	7.0	6.3	7.0	6.7	6.7	7.0	6.4
PST-5MVD	4.3	5.0	5.7	7.0	6.3	7.0	6.3	7.0	6.7	6.4
SWAGGER (PST-5R05)	4.0	4.7	5.3	7.0	6.7	7.0	6.7	6.7	7.0	6.4
RAIN DANCE (PST-5SDT)	4.0	5.0	6.3	7.0	6.0	7.0	6.0	7.0	7.0	6.4
TERRANO	4.0	4.0	6.3	7.0	6.3	7.0	6.7	6.7	7.0	6.4
BAR FA 121091	4.0	4.3	5.7	7.0	6.0	7.0	6.3	7.0	7.0	6.3
JS 818	4.0	4.0	6.7	7.0	5.7	7.0	6.3	7.0	7.0	6.3
JS 819	3.7	4.0	6.3	7.0	7.0	7.0	6.0	6.3	7.0	6.3
MARAUDER	4.0	4.3	5.7	7.0	6.3	7.0	6.0	7.0	6.7	6.3
PST-5EX2	4.7	5.3	5.3	6.3	6.7	7.0	6.3	7.0	6.7	6.3
MERIDIAN (PST-5GRB)	4.0	4.3	6.0	7.0	6.0	7.0	6.3	7.0	7.0	6.3
THUNDERSTRUCK (TD1)	4.0	4.0	6.0	6.7	5.3	7.0	7.0	7.0	7.3	6.3
204 RES. BLK4	4.0	4.7	5.3	7.0	5.7	7.0	6.0	6.7	7.0	6.2
ANNIHILATOR	4.0	4.0	6.0	7.0	6.0	7.0	6.0	6.7	7.0	6.2
JS 825	4.0	4.0	6.3	6.7	6.3	7.0	6.0	6.7	6.7	6.2
K12-13	3.7	4.0	6.0	7.0	5.7	7.0	6.0	7.0	7.0	6.2
PSG-TT4	4.0	4.0	6.0	6.7	6.3	7.0	6.3	6.7	6.7	6.2
WARHAWK	3.7	4.3	6.0	6.7	5.7	7.0	6.0	7.0	7.0	6.2
JS 809	4.0	4.0	6.3	6.7	5.3	6.7	6.0	6.7	7.0	6.1
AQUADUCT	4.0	4.7	6.0	6.0	5.3	6.7	6.0	7.0	6.7	6.0
BAR FA 120878	4.3	4.7	5.3	6.0	6.0	6.0	5.7	6.0	6.3	5.8
KY-31	5.0	4.0	3.0	4.0	4.0	4.0	4.0	3.7	4.0	3.8
LSD VALUE	0.5	1.0	0.6	0.5	0.9	0.6	0.5	0.5	0.7	0.2
C.V. (%)	5.5	10.7	6.1	4.6	7.7	5.1	4.8	4.8	5.7	2.4

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

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

TABLE 11. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT COLLEGE PARK, MD 1/
2014 DATA

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

NAME	BROWN PATCH WARM TEMP.	QUALITY RATINGS							MEAN
		MAY	JUN	JUL	AUG	SEP	OCT	NOV	
RAPTOR III (ZW 44)	8.3	7.0	7.0	7.0	6.7	6.3	8.0	8.0	7.1
REGENERATE	8.0	6.7	6.7	6.7	7.0	6.7	8.0	7.7	7.0
PSG-P01	8.3	6.7	5.7	6.7	6.3	6.3	8.0	7.7	6.8
PICK-W43	8.7	7.3	5.7	6.0	6.3	6.0	8.0	7.7	6.7
RHAMBLER 2 SRP (LSD)	8.0	7.0	6.3	6.3	6.3	6.0	7.0	7.7	6.7
4TH MILLENNIUM SRP (U43)	8.0	6.3	6.3	6.7	6.3	6.0	7.7	7.7	6.7
CCR2	8.0	7.0	5.7	6.3	6.0	6.0	7.7	7.7	6.6
PPG-TF-137	8.3	7.0	5.7	6.3	6.3	6.3	7.0	7.3	6.6
MAESTRO (T31)	8.3	6.7	5.7	6.0	6.3	6.3	7.3	7.7	6.6
GRANDE 3	8.3	7.0	5.7	6.3	6.0	6.0	7.0	7.3	6.5
HOT ROD (BURL TF-136)	8.0	6.3	5.3	6.0	6.3	6.3	7.7	7.3	6.5
ROCKWELL (LTP-TWU)	8.0	6.7	5.3	6.3	6.0	6.0	7.7	7.3	6.5
PPG-TF-135	8.0	7.0	5.0	5.7	6.3	6.7	7.3	7.7	6.5
ROWDY (SRX-TPC)	8.3	7.0	5.7	6.3	6.0	6.0	7.0	7.3	6.5
TRAVERSE 2 SRP (W45)	8.0	6.0	6.0	6.0	6.3	6.7	7.3	7.3	6.5
FAYETTE (IS-TF 291)	7.7	6.0	5.7	6.0	6.0	6.0	7.7	7.3	6.4
MET 1	7.7	6.0	5.7	5.7	6.3	6.7	7.3	7.3	6.4
REFLECTION (U45)	8.7	6.7	5.7	6.3	6.0	6.0	7.0	7.0	6.4
IS-TF 311	8.3	6.0	5.3	6.3	6.0	6.0	7.3	7.3	6.3
AVENGER II (PPG-TF-156)	8.3	6.0	5.3	5.7	5.7	6.3	7.7	7.7	6.3
FIREWALL (PSG-WE1)	8.3	6.3	5.3	6.0	6.0	6.0	7.3	7.0	6.3
FIREBIRD 2	8.0	6.3	5.3	6.0	5.7	5.7	7.3	7.0	6.2
HEMI	7.7	5.3	5.7	5.7	6.0	6.7	7.3	7.0	6.2
MET-3	7.7	6.3	5.0	5.7	6.0	6.0	7.7	7.0	6.2
THOR (PPG-TF-157)	8.3	6.0	5.3	5.7	6.0	6.3	7.3	7.0	6.2
PPG-TF-169	8.3	6.7	5.3	5.7	6.0	5.7	7.0	7.3	6.2
PPG-TF-170	8.7	5.7	5.3	5.7	6.0	5.7	8.0	7.3	6.2
TECHNIQUE (RZ2)	7.7	6.7	5.0	5.7	5.7	6.0	7.3	7.0	6.2
BULLSEYE	8.7	6.3	5.3	6.0	5.7	5.3	7.0	7.0	6.1
CATALYST	8.7	6.3	5.0	6.0	5.7	5.7	7.3	7.0	6.1
F711	8.3	5.3	5.3	5.7	6.0	5.7	7.7	7.0	6.1
FIRECRACKER SLS (PPG-TF-105)	8.7	6.7	5.0	6.0	5.7	5.7	7.0	7.0	6.1
PPG-TF-151	8.7	6.3	5.0	6.0	5.7	5.7	7.0	7.0	6.1
PPG-TF-172	7.7	6.0	5.3	5.3	6.0	6.0	7.0	7.3	6.1
TERRANO	8.7	6.3	5.3	5.3	6.0	5.3	7.3	7.0	6.1
B23	8.3	6.3	5.0	5.3	5.3	5.3	7.7	7.0	6.0
HOVER (BURL TF-69)	7.7	6.3	5.0	5.3	5.7	5.3	7.3	7.3	6.0
DZ1	7.0	5.7	4.7	5.0	6.0	6.0	7.7	7.0	6.0
GTO (BURL TF-2)	8.0	5.3	5.3	5.7	6.0	6.0	7.3	6.7	6.0
MET 6 SEL	8.3	6.0	5.0	5.0	6.0	6.0	7.0	7.3	6.0
PPG-TF-138	8.3	6.3	5.0	5.3	6.0	6.0	7.0	6.7	6.0
BLACK TAIL (PPG-TF-150)	8.3	6.0	5.0	6.0	5.7	5.7	7.3	6.7	6.0
TITANIUM 2LS (PPG-TF-152)	7.3	6.7	5.0	5.3	5.7	5.7	7.0	7.0	6.0
W41	7.3	5.7	5.0	5.3	5.7	6.0	7.0	7.0	6.0
ATF 1612	7.7	6.0	4.7	5.7	5.7	5.7	7.0	6.7	5.9

TABLE 11. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) IN THE 2012 NATIONAL TALL FESCUE TEST AT COLLEGE PARK, MD 1/
2014 DATA

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

NAME	BROWN	QUALITY RATINGS								MEAN
	PATCH	WARM TEMP.	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
BIZEM		8.3	6.3	4.7	5.3	5.3	6.0	7.0	6.7	5.9
IS-TF 307 SEL		7.0	6.0	5.3	5.7	5.3	5.3	7.0	6.7	5.9
IS-TF 308 SEL		8.7	5.7	4.3	5.3	6.0	5.3	7.3	7.0	5.9
JS 916		7.7	6.0	5.3	5.7	5.7	5.3	6.7	6.7	5.9
PST-5BRK		8.3	6.0	4.7	5.3	5.7	5.7	7.0	7.0	5.9
ATF 1754		8.0	5.3	5.0	5.3	6.0	5.7	7.0	6.3	5.8
DIABLO (IS-TF 330)		7.3	5.7	5.0	5.0	5.3	5.7	7.0	6.7	5.8
LEONARDO (LTP-FSD)		7.7	5.7	5.0	5.0	5.7	5.3	7.0	6.7	5.8
SCREAMER LS (PPG-TF-148)		7.7	5.7	5.0	5.7	5.3	5.7	7.0	6.3	5.8
PST-5EV2		7.0	6.0	5.7	5.3	5.3	5.3	6.7	6.3	5.8
CAESAR (TY 10)		7.7	5.7	5.0	5.0	5.3	5.3	7.0	6.7	5.7
FALCON V		7.0	6.0	4.7	5.0	5.3	5.3	6.7	6.7	5.7
IS-TF 310 SEL		8.0	5.7	5.0	5.0	5.3	5.0	7.3	6.7	5.7
MICHELANGELO (LTP-F5DPDR)		8.0	5.3	4.7	5.7	5.3	5.7	7.0	6.3	5.7
PPG-TF-115		7.7	6.3	4.7	5.0	5.3	5.0	7.0	6.7	5.7
RAD-TF-89		7.7	6.0	4.7	5.3	5.0	4.7	7.3	7.0	5.7
SALTILLO (PST-5SALT)		8.7	6.3	5.0	5.7	5.0	5.0	6.7	6.3	5.7
FAITH		8.0	5.7	4.7	5.3	5.3	5.0	7.0	6.3	5.6
FOXHOUND (IS-TF 284 M2)		6.7	5.7	4.3	4.7	5.0	5.7	7.0	6.7	5.6
IS-TF 285		8.7	5.7	4.3	5.0	5.3	5.3	7.0	6.3	5.6
K12-05		6.3	6.3	3.7	4.3	5.0	5.7	7.3	6.7	5.6
XTENDER (PPG-TF-139)		8.0	5.7	4.3	5.0	5.3	5.0	7.3	6.7	5.6
PST-5BP0		8.0	6.0	4.3	5.3	5.3	5.3	6.7	6.3	5.6
RAD-TF-92		7.3	5.7	4.3	5.0	5.7	5.3	7.0	6.3	5.6
TEMPTATION (OR-21)		7.7	5.7	4.0	4.7	5.3	5.7	7.0	6.7	5.6
ATF 1736		8.0	5.3	4.7	5.0	5.0	5.0	7.0	6.3	5.5
IS-TF 269 SEL		8.0	5.3	4.3	5.3	5.0	5.0	7.0	6.7	5.5
IS-TF 272		8.0	6.3	3.7	4.7	5.0	5.0	7.0	6.7	5.5
TURFWAY (IS-TF 282 M2)		8.0	6.0	5.0	5.0	5.0	4.7	6.7	6.3	5.5
IS-TF 289		8.0	5.7	3.7	5.0	5.0	6.0	6.7	6.3	5.5
IS-TF 305 SEL		8.0	5.0	4.3	5.3	5.0	5.3	7.0	6.7	5.5
IS-TF-287		7.7	5.7	4.3	5.0	5.0	5.0	7.3	6.3	5.5
JS 818		7.3	5.7	4.3	5.3	4.7	4.7	7.0	6.7	5.5
DYNAMITE LS (PPG-TF-145)		6.3	5.7	4.3	5.0	5.3	5.0	7.0	6.3	5.5
PST-5EX2		8.0	4.7	5.0	5.0	5.3	5.0	7.0	6.3	5.5
RAD-TF-88		7.7	5.7	4.0	5.0	5.3	5.0	7.3	6.3	5.5
FALCON IV		7.7	5.7	4.3	4.7	5.3	5.3	6.3	6.3	5.4
FESNOVA		8.3	4.7	4.7	4.7	5.3	4.7	7.3	6.7	5.4
PST-5MVD		8.0	5.7	4.3	4.7	5.0	5.3	6.7	6.0	5.4
THUNDERSTRUCK (TD1)		6.7	5.7	4.0	4.7	5.0	5.0	7.0	6.3	5.4
BAR FA 121089		7.3	5.7	4.0	4.3	5.0	5.3	6.7	6.3	5.3
KINGDOM (DB1)		6.7	5.3	3.7	4.3	5.0	5.7	7.0	6.3	5.3
ARES (PPG-TF-142)		8.3	5.3	4.3	4.3	5.3	4.7	6.7	6.3	5.3
MERIDIAN (PST-5GRB)		8.0	5.3	4.0	5.0	5.0	5.0	6.7	6.3	5.3
ATF 1704		7.7	4.3	4.3	5.0	5.0	5.0	7.0	6.0	5.2

TABLE 11. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) IN THE 2012 NATIONAL TALL FESCUE TEST AT COLLEGE PARK, MD 1/
2014 DATA

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

NAME	BROWN PATCH WARM TEMP.	QUALITY RATINGS								MEAN
		MAY	JUN	JUL	AUG	SEP	OCT	NOV		
BAR FA 121091	7.0	5.3	3.3	4.3	5.0	5.0	7.0	6.3	5.2	
IS-TF 276 M2	7.3	5.3	4.3	5.0	4.3	4.3	7.0	6.3	5.2	
K12-MCD	7.7	5.0	4.3	4.7	5.0	5.0	6.7	6.0	5.2	
PSG-TT4	7.0	5.0	4.0	4.3	5.0	5.0	6.7	6.3	5.2	
SWAGGER (PST-5R05)	8.0	5.0	4.7	4.7	5.0	5.0	6.0	6.0	5.2	
BAR FA 121095	7.0	5.3	4.0	4.3	5.0	5.0	6.3	6.0	5.1	
GO-DFR	7.0	4.7	3.7	4.3	5.0	5.3	6.7	6.3	5.1	
JS 809	8.3	5.3	4.0	4.7	4.7	4.7	6.7	6.0	5.1	
JS 819	7.0	5.0	3.7	4.3	4.7	4.7	7.0	6.3	5.1	
PST-5DZP	7.7	5.3	3.7	4.7	5.0	5.0	6.3	6.0	5.1	
PSG-8BP2	7.3	5.7	3.7	4.0	4.3	4.7	6.3	6.0	5.0	
RAD-TF-83	7.0	5.3	3.7	3.7	4.7	4.7	7.0	6.0	5.0	
FRONTLINE (EXP TF-09)	7.0	5.3	3.7	4.3	4.3	4.3	6.7	5.7	4.9	
AQUADUCT	8.0	4.7	3.7	4.7	4.3	4.3	6.3	5.7	4.8	
K12-13	7.3	4.3	3.3	4.0	4.3	5.0	6.3	6.0	4.8	
INSPIRATION (PST-R5NW)	7.0	4.7	4.0	4.0	4.3	4.0	6.0	5.7	4.7	
RAIN DANCE (PST-5SDT)	6.7	5.0	3.7	4.3	4.0	4.0	6.0	5.7	4.7	
JS 825	6.7	5.0	3.3	4.0	4.0	4.3	6.0	5.7	4.6	
PSG-GSD	7.7	5.7	4.0	4.0	4.0	3.3	5.7	5.7	4.6	
ANNIHILATOR	6.7	4.0	3.3	4.0	4.3	4.3	6.3	5.3	4.5	
COMP. RES. SST	7.0	4.3	3.3	3.7	4.3	4.0	6.3	5.7	4.5	
204 RES. BLK4	7.0	4.0	2.3	3.3	4.0	4.7	6.7	5.7	4.4	
MARAUDER	6.3	4.0	2.7	3.3	4.0	4.0	6.3	5.7	4.3	
WARHAWK	7.3	4.3	2.7	3.3	3.7	3.7	6.0	5.7	4.2	
BAR FA 120878	7.3	3.7	3.7	4.0	3.7	3.7	4.3	4.7	4.0	
KY-31	7.3	2.7	3.0	3.0	3.0	2.7	3.3	4.0	3.1	
LSD VALUE	2.0	1.4	1.1	0.9	0.8	0.9	0.7	1.0	0.6	
C.V. (%)	10.7	13.7	15.0	11.6	9.8	10.7	6.3	9.1	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 12.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT COLUMBIA, MO 1/
2014 DATA

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

NAME	GENETIC COLOR	LEAF TEXTURE	PERCENT COVER SUMMER	PERCENT COVER FALL	APR	MAY	JUN	QUALITY RATINGS				MEAN
								JUL	AUG	SEP	OCT	
TRAVERSE 2 SRP (W45)	6.0	6.0	98.7	99.0	6.0	6.7	5.7	6.0	6.7	7.3	8.7	6.7
THOR (PPG-TF-157)	6.0	5.7	98.3	99.0	5.3	6.0	6.3	5.7	6.0	6.7	8.3	6.3
IS-TF 305 SEL	6.3	5.7	97.7	99.0	5.7	5.7	6.0	6.0	5.3	7.0	7.7	6.2
PPG-TF-135	4.7	5.7	98.7	99.0	6.0	5.7	5.3	6.0	6.0	6.7	7.7	6.2
AVENGER II (PPG-TF-156)	5.7	6.0	98.0	99.0	5.3	5.7	6.0	5.3	6.0	6.7	8.7	6.2
TEMPTATION (OR-21)	7.0	5.7	97.7	99.0	6.3	5.7	6.0	5.7	5.3	7.0	7.3	6.2
DZ1	5.7	6.3	97.3	99.0	5.3	6.3	5.3	5.3	5.7	6.7	8.3	6.1
ARES (PPG-TF-142)	7.3	5.7	97.7	99.0	5.7	5.3	5.7	6.0	6.3	6.0	8.0	6.1
CCR2	5.3	6.0	97.3	99.0	5.3	5.7	6.0	5.7	5.7	5.7	7.7	6.0
GRANDE 3	4.7	5.3	98.7	98.7	5.7	6.0	5.7	5.3	6.0	6.3	7.3	6.0
GTO (BURL TF-2)	4.7	6.0	98.3	99.0	5.3	5.3	5.7	5.7	5.3	6.7	8.0	6.0
JS 916	6.3	6.0	98.3	99.0	6.7	6.7	5.3	5.3	5.3	5.7	6.7	6.0
TITANIUM 2LS (PPG-TF-152)	5.0	6.0	98.0	99.0	5.7	6.0	6.0	5.7	5.7	6.7	6.7	6.0
PPG-TF-169	5.0	5.7	98.0	99.0	5.3	5.3	5.3	5.3	6.0	6.0	8.7	6.0
FIREWALL (PSG-WE1)	5.0	5.7	98.7	99.0	5.7	5.7	5.3	5.3	5.3	6.7	8.0	6.0
MAESTRO (T31)	5.0	5.3	94.7	98.3	5.7	5.7	5.7	5.0	5.7	6.3	8.0	6.0
RAPTOR III (ZW 44)	5.0	6.0	98.7	99.0	5.3	5.7	5.3	5.7	5.3	6.3	8.0	6.0
BAR FA 121095	6.3	6.0	98.7	99.0	5.7	6.0	6.0	6.0	5.0	5.7	6.7	5.9
IS-TF 307 SEL	6.3	6.0	97.3	98.7	5.3	6.0	6.0	5.3	5.7	6.0	7.0	5.9
MET 1	5.0	6.0	98.3	99.0	5.7	5.3	5.3	5.0	5.7	6.3	8.0	5.9
PPG-TF-138	5.7	5.0	98.3	99.0	5.3	5.3	5.3	5.3	5.7	6.7	7.7	5.9
4TH MILLENNIUM SRP (U43)	5.0	6.0	96.3	99.0	5.3	6.0	5.7	5.0	5.3	6.0	8.0	5.9
HEMI	5.3	6.3	97.3	99.0	5.7	5.7	6.0	5.0	5.0	6.0	7.3	5.8
LEONARDO (LTP-FSD)	5.0	5.7	98.0	99.0	5.3	5.7	5.7	5.0	5.0	5.7	8.0	5.8
MET 6 SEL	5.3	6.3	97.7	98.3	5.3	5.7	5.3	5.3	5.0	6.0	7.7	5.8
PSG-PO1	5.0	5.7	97.3	98.7	5.3	6.0	4.7	5.3	5.7	6.0	7.7	5.8
RHAMBLER 2 SRP (LSD)	5.3	6.0	98.3	99.0	5.0	5.7	5.7	5.3	4.7	6.3	7.7	5.8
F711	5.0	5.7	98.7	99.0	5.0	5.0	5.0	5.7	6.0	6.0	7.0	5.7
FAITH	5.7	6.3	98.0	99.0	5.0	5.7	5.0	5.0	5.3	6.3	7.7	5.7
FALCON IV	5.0	5.3	98.0	99.0	5.3	5.7	5.7	5.3	5.3	5.3	7.0	5.7
FESNOVA	5.3	5.3	98.3	99.0	5.0	5.3	5.0	5.7	5.3	6.0	7.7	5.7
ROCKWELL (LTP-TWUU)	4.3	6.0	98.3	99.0	5.7	5.3	5.3	5.3	5.7	5.7	7.0	5.7
MET-3	5.0	6.0	97.0	99.0	5.3	5.7	5.3	5.0	4.7	6.0	8.0	5.7
SCREAMER LS (PPG-TF-148)	4.7	5.7	96.0	99.0	5.3	5.3	5.0	5.7	5.3	6.0	7.3	5.7
REGENERATE	4.7	6.7	98.3	99.0	5.7	5.0	5.0	5.3	5.0	6.0	8.0	5.7
REFLECTION (U45)	5.7	5.7	97.0	99.0	5.3	5.3	5.0	5.7	5.3	6.0	7.3	5.7
BULLSEYE	5.7	6.0	97.7	97.7	5.7	5.0	5.7	5.3	5.3	5.7	6.3	5.6
INSPIRATION (PST-R5NW)	5.3	5.0	97.3	99.0	5.3	5.3	5.0	5.3	5.3	5.7	7.0	5.6
IS-TF 310 SEL	5.3	5.7	98.3	99.0	5.3	5.3	5.0	5.3	5.0	6.0	7.3	5.6
K12-05	6.7	6.0	97.3	98.3	5.0	6.0	5.3	5.7	4.7	5.7	6.7	5.6
DYNAMITE LS (PPG-TF-145)	6.3	6.0	96.3	99.0	5.3	5.7	5.7	5.3	4.7	5.7	6.7	5.6
PST-5MVD	5.3	6.0	98.7	99.0	5.0	6.0	5.3	5.0	5.3	5.7	7.0	5.6
TERRANO	5.3	5.0	97.3	99.0	5.0	5.3	5.3	5.0	5.3	6.0	7.0	5.6
ATF 1754	5.0	5.7	97.3	98.7	5.3	5.3	5.3	4.7	5.3	6.0	6.7	5.5
B23	6.0	6.3	98.3	99.0	5.0	5.7	5.3	5.0	4.7	5.3	7.3	5.5

TABLE 12. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT COLUMBIA, MO 1/
2014 DATA

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

NAME	GENETIC COLOR	LEAF TEXTURE	PERCENT COVER SUMMER	PERCENT COVER FALL	APR	MAY	JUN	QUALITY RATINGS				MEAN
								JUL	AUG	SEP	OCT	
HOVER (BURL TF-69)	6.0	6.0	97.3	99.0	5.3	5.7	5.3	5.3	4.3	5.7	7.0	5.5
IS-TF 276 M2	5.7	5.7	98.3	99.0	5.0	5.7	4.7	5.7	5.7	5.3	6.7	5.5
IS-TF 311	5.3	6.0	95.7	97.7	5.0	5.0	5.0	5.0	4.7	6.0	7.7	5.5
DIABLO (IS-TF 330)	5.7	6.0	97.3	98.7	5.3	5.7	5.0	5.0	5.0	5.3	7.3	5.5
JS 809	5.7	6.0	97.0	99.0	5.7	5.7	4.7	5.7	5.0	6.0	6.0	5.5
PPG-TF-151	5.3	6.0	97.3	98.3	5.3	5.3	5.0	4.7	5.3	5.7	7.3	5.5
PPG-TF-172	5.3	6.0	98.0	99.0	5.0	5.3	5.3	5.3	5.3	5.7	6.7	5.5
SWAGGER (PST-5R05)	5.3	6.0	97.7	98.7	5.3	6.0	5.0	5.7	4.7	5.7	6.3	5.5
RAD-TF-89	6.0	6.7	97.3	99.0	6.0	5.7	4.0	4.3	4.3	6.0	8.0	5.5
W41	5.0	6.0	97.0	99.0	4.7	5.0	5.3	5.0	5.3	5.3	7.7	5.5
ATF 1612	5.0	6.0	97.3	98.3	5.3	5.0	5.0	5.0	4.7	5.0	7.7	5.4
CATALYST	4.3	6.0	98.7	98.3	5.3	5.3	5.3	5.0	4.3	5.7	6.7	5.4
HOT ROD (BURL TF-136)	5.3	5.3	96.3	98.3	5.0	5.3	4.7	5.3	5.3	5.3	7.0	5.4
TURFWAY (IS-TF 282 M2)	6.0	6.3	96.3	99.0	5.0	5.0	5.7	5.0	5.0	5.3	6.7	5.4
K12-MCD	5.0	6.0	98.3	99.0	5.0	5.0	5.3	5.0	5.0	5.7	6.7	5.4
FIRECRACKER SLS (PPG-TF-105)	5.0	6.0	97.0	99.0	4.7	5.0	5.0	5.3	5.3	5.7	6.7	5.4
PST-5BP0	4.7	5.3	97.7	97.7	5.0	5.7	5.0	5.0	5.3	5.0	7.0	5.4
PST-5EV2	5.0	6.0	97.3	98.7	4.7	5.3	5.7	4.7	5.0	5.7	7.0	5.4
TECHNIQUE (RZ2)	5.3	6.0	97.3	99.0	4.7	5.0	5.3	5.3	5.0	5.7	6.7	5.4
ROWDY (SRX-TPC)	5.0	6.0	98.3	99.0	4.7	5.0	5.0	5.0	5.7	5.7	6.7	5.4
THUNDERSTRUCK (TD1)	6.0	6.0	97.0	98.7	5.3	5.3	5.0	5.3	4.3	5.7	6.7	5.4
IS-TF 269 SEL	5.3	5.7	97.7	99.0	5.0	5.7	4.3	5.3	4.7	5.7	6.3	5.3
FOXHOUND (IS-TF 284 M2)	6.7	6.0	97.0	99.0	4.7	4.7	5.0	5.3	4.7	5.3	7.7	5.3
PPG-TF-137	5.0	6.0	98.7	99.0	4.7	4.7	5.0	5.3	5.3	5.7	6.3	5.3
PPG-TF-170	5.3	6.0	97.7	99.0	5.3	5.0	5.0	4.3	4.3	5.7	7.3	5.3
PSG-8BP2	5.3	5.3	97.0	98.3	5.0	5.7	5.3	5.0	4.7	5.3	6.0	5.3
RAIN DANCE (PST-5SDT)	5.0	5.3	97.0	98.7	5.3	5.0	5.3	4.7	5.0	5.3	6.7	5.3
BAR FA 121089	5.3	5.3	97.7	98.3	5.3	5.3	5.0	4.7	5.0	5.0	6.3	5.2
BIZEM	5.0	6.0	98.3	99.0	4.7	4.7	5.3	4.7	4.7	5.3	7.0	5.2
FALCON V	5.0	6.0	98.3	99.0	5.0	4.7	4.7	4.7	5.0	5.3	7.0	5.2
FIREBIRD 2	5.3	6.0	97.0	99.0	4.7	5.0	5.3	4.7	3.7	5.3	7.7	5.2
GO-DFR	6.0	6.0	98.3	99.0	5.0	5.3	5.0	5.0	4.7	5.0	6.7	5.2
IS-TF 308 SEL	6.0	6.0	94.3	97.7	4.7	5.0	5.3	5.0	4.3	5.0	7.0	5.2
JS 819	5.7	5.7	98.3	99.0	5.7	5.0	5.0	4.7	4.7	5.7	6.0	5.2
PICK-W43	5.0	5.7	97.0	99.0	5.3	5.0	4.7	4.3	4.0	5.7	7.7	5.2
PST-5BRK	4.7	5.7	98.0	99.0	5.3	5.0	5.0	5.3	5.0	5.0	6.0	5.2
PST-5EX2	4.3	5.7	98.0	99.0	4.7	4.7	5.0	4.7	5.3	5.3	6.7	5.2
CAESAR (TY 10)	5.7	6.0	98.0	99.0	5.3	5.0	5.0	5.0	4.7	4.3	6.7	5.1
KINGDOM (DB1)	5.3	6.0	97.3	98.3	5.3	4.7	4.7	5.0	4.7	5.0	6.7	5.1
IS-TF 272	6.7	6.3	94.3	97.7	5.0	5.0	5.0	5.0	4.0	5.3	6.7	5.1
IS-TF-287	5.7	5.0	97.3	99.0	5.0	5.3	4.7	4.7	4.3	5.3	6.7	5.1
MICHELANGELO (LTP-F5DPDR)	4.7	6.3	97.3	99.0	5.3	5.0	5.3	5.0	4.3	5.0	6.0	5.1
PPG-TF-115	5.7	5.7	96.3	98.7	5.0	5.3	5.0	5.0	4.7	5.0	6.0	5.1
XTENDER (PPG-TF-139)	5.7	6.0	97.3	98.3	5.0	5.0	5.3	5.0	4.3	4.7	6.7	5.1
BLACK TAIL (PPG-TF-150)	5.0	6.0	98.0	99.0	5.3	5.3	4.7	4.3	4.3	5.7	6.3	5.1

TABLE 12. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT COLUMBIA, MO 1/
2014 DATA

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

NAME	GENETIC COLOR	LEAF TEXTURE	PERCENT COVER SUMMER	PERCENT COVER FALL	QUALITY RATINGS							MEAN
					APR	MAY	JUN	JUL	AUG	SEP	OCT	
PSG-GSD	4.7	5.3	97.3	99.0	5.3	5.0	5.0	4.3	5.0	5.3	6.0	5.1
RAD-TF-83	5.3	5.7	97.0	98.3	5.0	5.7	4.3	5.0	4.7	5.3	6.0	5.1
RAD-TF-88	5.3	6.0	97.0	99.0	4.7	4.7	4.7	4.0	4.3	5.7	7.7	5.1
RAD-TF-92	6.0	5.7	96.0	99.0	5.3	5.7	4.3	4.0	4.7	6.0	6.0	5.1
SALTILLO (PST-5SALT)	4.7	5.7	98.3	99.0	4.7	4.3	5.0	4.7	4.3	5.3	7.7	5.1
ATF 1704	4.7	6.0	97.3	99.0	4.7	4.7	5.0	4.3	4.3	5.3	6.7	5.0
BAR FA 121091	5.7	5.3	96.0	99.0	5.0	5.3	5.0	5.0	4.7	4.3	5.3	5.0
FRONTLINE (EXP TF-09)	5.7	5.7	96.0	99.0	5.3	5.3	5.0	4.7	4.3	4.3	5.7	5.0
IS-TF 285	6.0	6.0	96.3	98.3	4.7	5.3	4.7	5.3	4.3	4.7	6.3	5.0
IS-TF 289	6.3	6.0	94.3	97.7	4.7	5.3	5.0	4.7	4.3	4.7	6.7	5.0
FAYETTE (IS-TF 291)	5.3	6.3	97.0	99.0	5.0	5.3	4.7	4.3	4.3	5.0	6.3	5.0
JS 818	5.3	6.0	95.0	98.7	4.7	4.7	5.0	4.7	4.3	5.0	6.3	5.0
JS 825	5.3	4.7	97.0	99.0	5.3	5.7	4.7	5.0	4.7	4.3	5.3	5.0
PSG-TT4	4.7	5.7	97.7	99.0	5.3	5.0	4.7	3.5	4.3	5.0	6.3	5.0
MARAUDER	5.0	6.3	98.7	99.0	4.7	4.7	5.0	5.0	4.3	4.3	6.0	4.9
PST-5DZP	5.0	6.0	97.0	98.7	4.7	4.7	4.7	4.3	4.3	5.0	6.3	4.9
MERIDIAN (PST-5GRB)	5.0	5.7	97.7	98.7	4.7	4.7	4.7	4.0	4.0	5.7	6.7	4.9
ANNIHILATOR	5.0	6.3	97.3	99.0	4.3	4.7	5.0	4.7	4.3	5.0	5.3	4.8
BAR FA 120878	5.3	5.0	97.7	99.0	5.0	5.0	4.7	4.3	4.7	4.7	5.3	4.8
K12-13	5.7	6.7	95.0	99.0	4.7	5.0	4.3	4.3	4.3	4.3	6.3	4.8
ATF 1736	4.7	6.3	97.3	99.0	5.3	4.7	4.3	4.0	4.3	4.3	5.7	4.7
204 RES. BLK4	4.3	7.0	98.7	99.0	4.7	4.7	4.3	5.0	4.0	4.3	5.3	4.6
WARHAWK	5.0	6.0	96.0	99.0	4.7	5.0	4.3	3.7	4.0	4.7	5.7	4.6
COMP. RES. SST	5.0	6.0	98.3	99.0	4.0	4.0	4.3	4.0	3.7	4.7	5.3	4.3
AQUADUCT	4.7	6.0	97.0	99.0	4.0	3.7	4.0	4.0	3.7	4.0	5.7	4.1
KY-31	3.7	3.0	96.0	97.7	2.7	3.3	4.0	3.3	3.7	3.7	3.3	3.4
LSD VALUE	1.0	0.8	6.5	2.5	2.1	3.1	1.5	2.1	3.6	2.4	1.4	1.1
C.V. (%)	11.2	7.7	1.7	0.6	13.9	15.9	12.5	15.5	20.0	17.1	11.9	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 13.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT MISS. ST., MS 1/
2014 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	WINTER COLOR	FALL COLOR DECEMBER	JAN	FEB	MAR	APR	MAY	QUALITY RATINGS						MEAN	
											JUN	JUL	AUG	SEP	OCT	NOV		DEC
FIREBIRD 2	6.3	5.0	6.0	4.0	6.0	5.0	5.0	6.0	7.0	7.0	6.3	6.7	6.0	6.3	6.3	6.7	7.0	6.3
MET 1	6.0	6.0	6.0	4.7	6.3	5.0	5.7	6.3	7.0	7.0	6.3	6.7	5.3	6.0	6.3	6.7	6.7	6.3
MET-3	6.7	6.0	6.0	4.3	6.7	5.0	5.3	6.3	7.0	7.0	6.3	6.3	6.0	6.0	6.3	6.7	7.0	6.3
CCR2	6.0	6.0	6.0	4.7	6.0	5.0	5.3	6.3	6.7	7.0	6.3	6.3	5.7	6.0	6.3	6.7	6.3	6.2
TECHNIQUE (RZ2)	6.0	5.0	6.0	4.0	6.3	5.0	5.3	6.0	7.0	7.0	6.0	6.7	5.3	6.0	6.3	7.0	7.0	6.2
FAITH	6.7	5.3	6.0	4.3	6.3	5.0	5.3	6.0	6.7	7.0	6.7	6.3	5.7	6.0	6.0	6.7	6.3	6.1
IS-TF 269 SEL	6.7	5.0	6.0	4.0	6.0	5.0	4.7	6.0	7.0	7.0	6.3	6.3	5.7	5.7	6.0	6.0	7.0	6.1
IS-TF 272	6.7	5.0	6.3	4.0	5.7	5.0	5.0	6.0	7.0	7.3	7.3	6.0	5.0	5.0	6.0	6.3	6.7	6.1
FOXHOUND (IS-TF 284 M2)	7.0	4.7	6.0	4.0	6.0	5.0	5.0	5.7	7.0	7.0	6.0	6.7	6.0	5.7	6.0	6.3	6.3	6.1
IS-TF 310 SEL	6.7	5.3	6.0	4.0	6.0	5.0	5.0	6.0	6.7	7.0	6.3	6.7	5.7	5.7	6.3	6.3	6.3	6.1
JS 916	6.0	5.7	6.0	4.0	6.3	5.0	5.0	6.0	7.0	7.0	6.7	6.0	5.3	5.3	6.0	6.3	7.0	6.1
MICHELANGELO (LTP-F5DPDR)	6.0	5.7	6.0	4.0	6.0	5.0	5.0	6.0	6.7	6.7	6.7	6.3	5.7	5.7	6.3	6.3	6.7	6.1
LEONARDO (LTP-FSD)	6.3	6.0	6.0	4.0	6.0	5.0	5.3	6.3	7.0	7.0	6.7	6.0	5.0	5.3	6.0	6.7	7.0	6.1
MET 6 SEL	6.0	6.3	6.0	4.7	6.3	4.7	5.3	6.0	7.0	6.7	6.0	6.3	5.7	5.7	6.3	6.0	7.0	6.1
SCREAMER LS (PPG-TF-148)	5.7	5.7	6.0	4.7	7.0	5.0	5.7	6.0	6.7	7.0	6.3	6.3	5.3	5.3	6.3	6.7	6.7	6.1
BLACK TAIL (PPG-TF-150)	6.0	5.3	6.0	4.0	6.0	5.0	5.0	6.0	7.0	7.0	6.3	6.0	6.0	6.3	6.0	6.3	6.3	6.1
TITANIUM 2LS (PPG-TF-152)	6.3	5.3	6.0	4.3	6.0	5.0	5.3	6.0	7.0	7.0	6.3	6.0	5.3	5.7	6.0	6.7	7.0	6.1
AVENGER II (PPG-TF-156)	6.0	5.3	6.0	4.0	6.3	5.0	5.7	6.0	6.7	6.7	6.0	6.3	5.3	6.0	6.3	6.7	7.0	6.1
MERIDIAN (PST-5GRB)	6.0	5.0	6.0	4.0	6.0	5.0	5.0	6.0	7.0	6.7	6.0	6.0	5.3	6.0	6.0	7.0	7.0	6.1
REGENERATE	6.0	5.7	6.0	4.3	6.0	5.0	5.3	6.0	7.0	7.0	6.3	6.3	5.7	5.7	6.3	6.3	6.7	6.1
ROWDY (SRX-TPC)	6.0	5.0	6.0	4.0	6.0	5.0	5.0	6.0	7.0	7.0	6.3	6.3	5.7	5.7	6.0	6.7	6.7	6.1
TRAVERSE 2 SRP (W45)	6.3	6.0	6.0	4.3	6.0	5.0	5.3	5.7	6.7	7.0	6.3	6.3	5.7	5.7	6.3	6.3	6.3	6.1
RAPTOR III (ZW 44)	6.0	6.0	6.0	4.0	6.3	5.0	5.0	6.0	7.0	7.0	6.0	6.0	5.3	5.7	6.3	7.0	7.0	6.1
ATF 1754	6.0	5.0	6.0	4.0	6.0	5.0	5.0	6.0	6.3	6.7	6.0	6.0	5.7	6.3	6.0	6.3	6.7	6.0
B23	6.0	5.3	6.3	4.0	6.0	5.0	5.3	6.3	7.0	7.0	6.7	6.3	5.3	5.3	6.0	6.0	6.0	6.0
BIZEM	6.0	5.3	6.0	4.0	6.0	5.0	5.0	6.0	7.0	7.0	6.0	6.0	5.7	5.7	6.0	6.0	6.3	6.0
HOVER (BURL TF-69)	6.0	5.0	6.0	4.0	6.0	5.0	5.0	6.0	6.7	7.0	6.3	6.0	5.3	5.3	6.0	6.7	6.7	6.0
CATALYST	6.3	6.0	6.0	4.0	6.0	5.0	5.3	6.0	7.0	6.7	6.3	6.0	5.0	5.3	6.0	6.7	6.7	6.0
KINGDOM (DB1)	7.0	5.0	6.0	4.0	6.0	5.0	5.0	5.3	7.0	7.0	6.7	6.0	5.3	5.3	6.0	6.7	6.7	6.0
IS-TF 289	7.0	5.0	6.0	4.0	5.7	5.0	5.0	5.7	7.0	7.0	7.0	6.3	6.0	5.3	6.0	6.0	6.0	6.0
IS-TF 307 SEL	6.7	5.0	6.0	4.0	5.7	5.0	5.0	6.0	7.0	7.0	6.7	6.3	5.3	5.3	5.7	6.0	6.3	6.0
PPG-TF-135	6.0	5.0	6.0	4.0	6.0	5.0	5.0	6.0	7.0	6.7	6.3	6.0	5.7	5.7	6.3	6.3	6.3	6.0
PPG-TF-138	6.0	5.3	6.0	4.0	6.0	5.0	5.0	6.0	7.0	6.7	6.0	6.0	5.3	5.7	6.0	6.7	6.7	6.0
XTENDER (PPG-TF-139)	6.3	5.3	6.0	4.0	5.7	5.0	5.3	6.0	6.7	7.0	7.0	6.0	5.3	5.3	6.0	6.3	6.0	6.0
PPG-TF-170	6.0	6.0	6.0	4.3	6.0	5.0	5.3	6.3	7.0	7.0	6.0	6.0	5.3	5.7	6.0	6.0	6.7	6.0
PST-5EV2	6.0	5.7	6.0	4.3	5.7	5.0	5.0	6.0	6.3	6.7	6.0	6.7	5.3	5.7	6.0	6.7	6.7	6.0
THUNDERSTRUCK (TD1)	6.7	4.7	6.0	4.0	6.0	5.0	5.0	5.3	7.0	7.0	6.3	6.0	5.7	5.7	6.0	6.7	6.7	6.0
TERRANO	6.0	5.0	6.0	4.0	5.7	5.0	5.0	6.0	7.0	7.0	6.3	6.0	5.3	5.0	6.0	6.3	6.7	6.0
4TH MILLENNIUM SRP (U43)	6.0	5.7	6.0	4.0	6.0	5.0	5.0	6.0	6.7	7.0	6.3	6.3	5.7	5.7	6.3	6.0	6.3	6.0
W41	6.3	5.0	6.0	3.7	6.3	5.0	5.0	6.0	6.7	7.0	6.0	6.0	5.7	5.3	6.3	6.3	6.3	6.0
CAESAR (TY 10)	6.7	5.3	6.0	4.0	6.0	5.0	5.0	6.0	7.0	7.0	6.3	6.0	5.0	5.3	6.0	6.0	6.3	5.9
DZ1	6.7	5.0	6.0	4.3	6.0	5.0	5.0	5.7	7.0	7.0	6.0	6.0	5.7	5.7	6.0	5.7	6.0	5.9
FESNOVA	6.3	5.7	6.0	4.0	6.0	5.0	5.0	6.0	7.0	7.0	6.0	6.0	5.0	5.3	6.0	6.0	6.3	5.9
GTO (BURL TF-2)	6.0	5.3	6.0	4.0	6.0	5.0	5.0	6.0	6.7	6.7	6.0	6.0	5.3	5.3	6.0	6.3	6.3	5.9
HOT ROD (BURL TF-136)	6.0	5.7	6.0	4.3	5.7	5.0	5.3	6.0	6.7	6.7	6.0	6.0	5.3	5.3	6.0	6.3	6.0	5.9

TABLE 13. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT MISS. ST., MS 1/
2014 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	WINTER COLOR	FALL COLOR DECEMBER	JAN	FEB	MAR	APR	MAY	QUALITY RATINGS							MEAN
											JUN	JUL	AUG	SEP	OCT	NOV	DEC	
TURFWAY (IS-TF 282 M2)	6.3	5.0	6.0	4.0	6.0	5.0	5.3	6.0	7.0	7.0	6.0	6.3	5.0	5.0	6.0	6.3	6.3	5.9
IS-TF 285	6.0	5.0	6.0	4.0	5.7	5.0	5.0	5.7	7.0	7.0	6.0	6.0	5.3	5.3	6.0	6.0	6.3	5.9
FAYETTE (IS-TF 291)	6.7	5.7	6.0	4.0	6.3	5.0	5.3	6.3	7.0	7.0	6.3	6.0	5.3	5.0	6.0	6.0	6.0	5.9
IS-TF 305 SEL	6.7	5.0	6.0	4.0	5.7	5.0	5.0	6.0	6.7	6.7	6.3	6.0	5.0	5.3	6.0	6.3	6.7	5.9
IS-TF 308 SEL	6.3	5.0	6.0	4.0	5.7	4.7	5.0	6.0	7.0	7.0	6.3	6.0	5.0	5.0	6.3	6.0	6.0	5.9
IS-TF 311	6.0	5.3	6.0	4.0	5.7	5.0	5.0	6.0	6.7	6.7	6.3	6.0	5.3	5.3	6.0	5.7	6.3	5.9
K12-05	6.7	5.3	6.0	4.0	6.0	5.0	5.0	6.0	6.7	7.0	6.3	6.0	5.0	5.0	6.0	6.3	6.3	5.9
ROCKWELL (LTP-TWUU)	6.0	5.7	6.0	4.0	6.0	5.0	5.0	6.0	7.0	6.7	6.0	6.0	5.3	5.3	5.7	6.3	6.0	5.9
PICK-W43	6.0	5.7	6.0	4.0	6.0	5.0	4.7	6.0	7.0	7.0	6.0	6.0	5.3	5.3	6.0	6.0	6.3	5.9
FIRECRACKER SLS (PPG-TF-105)	6.3	5.0	6.0	4.0	5.7	5.0	5.0	6.0	7.0	7.0	6.3	6.0	5.0	5.0	6.0	5.7	6.3	5.9
PPG-TF-137	6.0	5.3	6.3	4.3	6.7	5.0	5.0	6.0	7.0	7.0	6.3	6.0	5.0	5.0	6.0	6.3	6.3	5.9
PPG-TF-151	6.0	5.7	6.0	4.0	6.3	5.0	5.3	6.0	6.7	6.7	6.0	6.0	5.0	5.3	5.7	6.3	6.3	5.9
THOR (PPG-TF-157)	6.3	5.0	6.0	4.0	6.0	5.0	5.0	6.0	6.7	6.7	6.0	6.0	5.0	5.3	6.0	7.0	6.0	5.9
PPG-TF-169	5.7	6.3	6.0	4.7	6.7	5.0	5.7	6.0	6.3	6.7	6.0	6.0	5.0	5.0	6.0	6.0	6.7	5.9
PPG-TF-172	6.0	5.0	6.0	4.0	6.0	5.0	5.0	6.0	6.7	6.7	6.0	6.0	5.3	5.3	6.0	6.3	6.3	5.9
PSG-8BP2	5.7	5.0	5.7	4.0	6.0	5.0	5.0	6.0	6.3	6.7	6.0	6.3	5.7	5.7	6.0	6.0	6.0	5.9
PSG-PO1	6.0	5.0	6.0	4.0	5.7	4.7	4.7	5.7	6.7	6.7	6.3	6.3	5.3	5.7	6.0	6.3	6.3	5.9
FIREWALL (PSG-WE1)	6.3	5.3	6.0	4.0	6.3	5.0	5.0	6.0	6.7	6.3	6.3	6.3	5.3	5.0	5.7	6.0	6.7	5.9
PST-5MVD	6.0	5.0	6.0	4.3	6.0	5.0	5.0	5.7	6.7	7.0	6.0	6.3	5.7	5.7	6.0	6.3	6.0	5.9
RAD-TF-88	6.0	5.3	6.3	4.0	5.3	5.0	5.0	6.0	7.0	6.7	6.0	6.0	5.3	5.3	6.3	6.0	6.0	5.9
RAD-TF-89	6.0	5.3	6.0	4.0	6.0	5.0	5.0	6.0	7.0	6.7	6.3	6.0	5.3	5.3	6.0	6.3	6.0	5.9
RAD-TF-92	6.7	5.0	6.0	4.0	5.7	5.0	5.0	6.0	7.0	7.0	6.0	6.0	5.3	5.3	6.0	6.3	6.3	5.9
MAESTRO (T31)	6.0	6.0	6.0	4.3	6.7	5.0	5.0	6.0	6.7	6.7	6.0	6.3	5.0	5.7	6.0	6.3	6.3	5.9
REFLECTION (U45)	6.3	5.3	6.0	4.0	6.0	5.0	5.0	6.0	6.7	6.7	6.0	6.0	5.3	5.7	6.3	6.0	6.3	5.9
204 RES. BLK4	6.0	4.3	7.0	4.0	5.7	5.0	5.0	5.7	7.0	7.0	6.0	6.0	5.3	5.0	5.7	5.7	6.0	5.8
ATF 1612	6.0	5.0	6.0	4.0	5.7	5.0	4.7	5.7	6.0	7.3	6.0	6.0	5.3	5.3	6.0	6.0	6.3	5.8
ATF 1704	6.0	5.0	6.0	4.0	6.0	5.0	5.0	6.0	6.7	6.7	6.0	6.0	5.0	5.0	6.0	6.3	6.0	5.8
ATF 1736	6.0	5.3	6.0	4.0	6.0	5.0	5.0	6.0	6.7	6.7	6.0	6.0	5.0	5.0	6.0	6.0	6.0	5.8
BAR FA 121089	6.0	5.0	6.0	4.0	5.7	5.0	5.0	6.0	7.0	7.0	6.0	6.0	5.0	5.0	5.7	6.0	6.0	5.8
BAR FA 121095	6.3	4.7	6.0	4.0	5.7	5.0	5.0	5.3	6.3	7.0	6.0	6.0	5.3	5.3	6.0	6.0	6.0	5.8
BULLSEYE	6.0	4.7	6.0	4.0	5.7	5.0	4.7	5.7	6.7	7.0	6.0	6.0	5.3	5.3	6.0	6.0	6.3	5.8
F711	6.0	6.0	5.7	4.7	6.3	5.0	5.3	6.0	6.7	7.0	6.0	6.0	5.0	5.0	5.7	6.0	6.0	5.8
FALCON V	6.0	5.7	6.0	4.3	6.0	5.0	5.3	6.0	6.7	6.7	6.0	6.0	5.0	5.0	5.7	5.7	6.0	5.8
HEMI	6.0	5.0	6.0	4.0	5.7	5.0	5.0	6.0	6.7	6.7	6.0	6.0	5.3	5.0	6.0	6.0	6.0	5.8
INSPIRATION (PST-R5NW)	6.0	5.3	6.0	4.0	5.7	5.0	5.0	6.0	6.0	6.7	6.0	6.0	5.3	6.0	6.0	6.0	6.0	5.8
IS-TF 276 M2	6.3	5.0	6.0	4.0	5.7	5.0	5.0	6.0	6.3	6.7	6.0	6.0	5.3	5.3	5.7	6.3	6.0	5.8
DIABLO (IS-TF 330)	7.0	5.0	6.0	4.0	5.7	5.0	5.0	6.0	7.0	6.7	6.3	6.3	5.0	5.0	6.0	5.7	6.0	5.8
IS-TF-287	6.0	5.0	6.0	4.0	5.7	5.0	4.7	6.0	6.3	7.0	6.0	6.0	5.7	5.3	6.0	6.0	6.0	5.8
JS 819	6.0	5.3	6.0	4.0	5.3	5.0	5.0	6.0	7.0	7.0	6.3	6.0	5.0	5.0	5.7	5.7	5.7	5.8
K12-MCD	6.0	5.0	6.0	4.0	5.7	5.0	5.3	6.0	6.3	6.3	6.0	6.0	5.0	5.3	6.0	6.0	6.0	5.8
MARAUDER	6.0	4.3	6.0	4.0	5.7	5.0	4.7	5.3	6.7	7.0	6.3	6.0	5.3	5.3	6.0	5.7	6.0	5.8
PPG-TF-115	6.0	5.0	6.0	4.0	5.0	5.0	5.0	5.7	6.7	6.7	6.0	6.0	5.3	5.7	6.0	6.0	6.0	5.8
ARES (PPG-TF-142)	6.7	5.0	6.3	4.0	6.0	5.0	4.7	5.3	6.7	6.7	6.3	6.7	5.0	5.0	6.0	6.0	6.0	5.8
PSG-GSD	6.0	5.3	5.7	4.3	6.0	5.0	5.3	6.0	6.7	6.7	6.0	6.0	5.0	5.0	6.0	6.0	6.3	5.8
PST-5BPO	6.0	5.0	6.0	4.0	5.7	5.0	5.0	5.7	6.3	6.7	6.0	6.0	5.3	5.7	6.0	6.0	6.0	5.8

TABLE 13. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT MISS. ST., MS 1/
2014 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	WINTER COLOR	FALL COLOR DECEMBER	JAN	FEB	MAR	APR	MAY	QUALITY RATINGS							MEAN
											JUN	JUL	AUG	SEP	OCT	NOV	DEC	
PST-5BRK	6.0	5.3	6.0	4.3	6.0	5.0	5.0	6.0	6.3	6.7	6.0	6.0	5.0	5.0	6.0	6.0	6.0	5.8
PST-5DZP	6.3	5.0	6.0	4.0	5.7	5.0	5.0	5.7	6.7	7.0	6.0	6.0	5.0	5.0	5.7	6.0	6.0	5.8
SWAGGER (PST-5R05)	6.0	5.3	6.0	4.0	5.7	5.0	5.0	6.0	6.3	7.0	6.0	6.0	5.0	5.3	6.0	6.0	6.0	5.8
RAD-TF-83	6.7	5.0	6.0	4.0	5.3	5.0	5.0	5.7	6.7	6.7	6.0	6.0	5.3	5.7	5.7	6.0	6.0	5.8
RAIN DANCE (PST-5SDT)	6.0	5.3	6.0	4.0	6.0	5.0	5.0	6.0	6.0	6.3	6.0	6.3	5.3	5.7	6.0	6.0	6.0	5.8
SALTILLO (PST-5SALT)	6.0	4.7	6.0	4.0	6.0	5.0	5.0	5.7	6.7	7.0	6.0	6.0	5.0	5.0	6.0	6.0	6.0	5.8
TEMPTATION (OR-21)	6.7	5.0	6.0	4.0	5.7	5.0	5.0	6.0	7.0	7.0	6.0	5.7	5.7	5.7	5.7	5.7	5.7	5.8
WARHAWK	6.0	5.0	6.0	3.7	6.0	5.0	5.0	6.0	6.3	6.7	6.0	6.0	5.0	5.0	6.0	6.0	6.0	5.8
ANNIHILATOR	6.0	5.0	6.0	3.7	6.3	5.0	5.0	5.3	6.7	6.7	5.7	6.0	5.0	5.0	6.0	5.7	6.0	5.7
FRONTLINE (EXP TF-09)	6.0	5.3	6.0	4.0	6.3	5.0	5.0	6.0	6.0	6.7	6.0	6.0	5.0	5.0	6.0	6.0	6.0	5.7
GO-DFR	6.3	4.3	6.0	4.0	6.3	5.0	5.0	5.0	6.7	6.7	6.0	5.7	5.0	5.3	6.0	5.7	6.0	5.7
GRANDE 3	6.0	5.3	6.0	4.0	6.3	5.0	5.0	6.0	6.3	6.3	6.0	6.0	5.3	5.0	6.0	5.7	6.0	5.7
JS 818	6.7	4.7	6.0	4.0	5.3	5.0	5.0	5.3	6.7	6.7	6.0	6.0	5.7	5.0	5.7	5.7	5.7	5.7
DYNAMITE LS (PPG-TF-145)	6.0	4.3	6.0	4.0	6.0	5.0	5.0	5.3	7.0	6.7	6.0	6.0	5.0	5.0	5.7	6.0	6.0	5.7
PSG-TT4	6.0	5.0	6.0	4.0	6.0	5.0	5.0	5.7	6.0	6.3	6.0	6.0	5.3	5.3	6.0	6.0	6.0	5.7
PST-5EX2	5.7	5.7	5.7	4.0	6.3	4.7	5.0	6.0	6.0	6.3	6.0	6.0	5.3	5.3	6.0	6.0	6.0	5.7
AQUADUCT	5.3	5.0	5.7	4.0	5.7	5.0	5.0	5.7	6.0	6.0	6.0	6.0	5.0	5.0	6.0	6.0	6.0	5.6
BAR FA 121091	6.3	4.3	5.3	3.7	5.7	4.7	4.7	5.0	6.0	6.3	6.0	6.0	5.0	5.0	6.0	6.0	6.0	5.6
COMP. RES. SST	6.0	4.7	6.7	3.7	6.0	5.0	5.0	5.7	6.7	6.7	6.0	6.0	5.0	4.7	5.7	5.7	5.7	5.6
FALCON IV	6.0	5.3	6.0	4.0	5.3	5.0	5.0	5.7	6.3	6.7	6.0	6.0	5.0	5.0	5.7	5.7	5.7	5.6
JS 809	6.0	4.7	6.0	4.0	5.0	5.0	5.0	5.3	6.7	6.3	6.0	6.0	5.0	5.0	5.3	5.7	5.7	5.6
JS 825	6.3	4.7	6.0	4.0	5.3	4.7	5.0	5.0	6.3	6.7	6.0	6.0	5.0	5.3	5.7	5.7	5.7	5.6
K12-13	6.0	4.3	5.7	4.0	5.0	5.0	5.0	5.3	6.3	6.7	6.0	6.0	5.0	5.0	5.7	5.7	5.7	5.6
RHAMBLER 2 SRP (LSD)	6.7	5.0	6.0	4.0	5.7	5.0	4.7	5.7	6.3	6.7	6.0	6.0	5.3	5.0	5.7	5.7	5.7	5.6
BAR FA 120878	5.0	5.0	5.0	4.0	5.0	5.0	5.0	6.0	6.0	5.7	5.3	5.3	5.0	5.0	5.3	5.0	5.7	5.4
KY-31	4.0	5.0	4.0	4.0	4.7	4.0	4.0	5.0	5.0	5.0	4.7	4.0	4.0	4.0	4.3	4.0	4.0	4.3
LSD VALUE	0.6	0.8	0.3	0.7	0.8	0.2	0.9	0.6	0.7	0.8	0.8	0.6	1.1	1.0	0.8	1.1	0.7	0.3
C.V. (%)	5.7	8.4	3.2	6.7	7.3	2.7	6.5	5.5	5.7	5.7	6.1	5.1	8.1	8.6	6.0	8.4	6.8	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 14.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT RALEIGH, NC 1/
2014 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	QUALITY RATINGS												MEAN
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
TITANIUM 2LS (PPG-TF-152)	8.0	7.0	7.7	6.3	6.0	6.0	7.0	8.0	8.0	7.0	6.7	6.0	8.0	8.0	7.7	7.1
TECHNIQUE (RZ2)	7.0	6.3	7.0	6.3	5.7	6.0	7.0	7.7	7.7	7.0	7.0	6.7	7.7	7.7	7.7	7.0
4TH MILLENNIUM SRP (U43)	7.3	6.3	7.3	6.7	6.0	5.7	6.7	7.7	7.7	7.7	7.0	6.3	7.3	7.7	7.0	
HOT ROD (BURL TF-136)	7.0	6.3	7.3	6.3	5.7	5.7	6.7	7.7	7.7	7.3	6.7	6.3	7.7	7.7	7.7	6.9
PPG-TF-172	7.7	6.7	7.7	6.3	5.7	5.7	7.0	7.3	7.3	6.7	7.0	7.0	7.7	7.7	7.3	6.9
GTO (BURL TF-2)	7.0	6.3	7.3	6.3	5.7	5.7	6.7	7.3	7.0	6.3	6.3	6.7	7.7	8.0	7.7	6.8
ROCKWELL (LTP-TWUU)	6.7	6.3	7.3	6.3	5.3	5.7	6.7	7.0	7.3	7.0	7.0	7.0	7.3	7.7	7.7	6.8
MET-3	7.0	6.0	7.3	6.3	5.3	5.7	6.7	7.7	7.7	6.3	6.3	6.0	7.7	7.7	7.7	6.8
IS-TF 311	7.7	6.0	6.7	5.7	5.7	5.3	6.0	7.3	7.7	7.0	6.7	6.7	7.3	7.3	7.3	6.7
MET 6 SEL	6.7	5.7	7.0	5.7	5.0	5.0	6.3	6.7	7.3	7.0	7.3	7.3	7.7	7.7	7.7	6.7
PPG-TF-135	7.3	6.3	7.7	6.3	5.7	5.7	6.3	7.7	7.0	6.0	7.0	6.7	7.7	7.7	7.0	6.7
TRAVERSE 2 SRP (W45)	7.7	6.7	7.3	6.0	5.3	5.3	6.0	7.3	7.3	6.7	6.7	7.0	7.7	7.7	7.7	6.7
BIZEM	7.3	6.3	7.7	5.3	5.3	5.7	6.7	7.3	7.3	6.3	6.3	6.0	7.3	7.7	7.3	6.6
F711	7.3	6.3	7.3	6.0	5.7	5.7	6.3	6.7	6.7	7.0	6.7	6.7	7.3	7.3	7.7	6.6
GRANDE 3	7.0	6.7	7.0	6.0	5.3	6.0	7.0	7.3	7.0	7.0	6.3	6.3	6.7	7.0	7.0	6.6
IS-TF 308 SEL	7.7	6.3	7.3	6.0	5.0	5.0	6.3	7.7	7.3	7.0	6.7	6.7	6.7	7.3	7.3	6.6
MICHELANGELO (LTP-F5DPDR)	7.0	6.0	7.0	6.0	5.3	5.3	6.3	6.7	7.3	7.3	6.3	6.3	7.3	7.7	7.7	6.6
AVENGER II (PPG-TF-156)	7.0	6.0	7.3	6.7	5.7	5.3	6.7	7.3	7.0	6.3	5.7	5.7	7.3	7.7	7.3	6.6
ROWDY (SRX-TPC)	7.3	5.7	7.7	5.3	4.7	4.7	5.7	7.3	7.3	7.0	6.7	7.0	7.7	8.0	8.0	6.6
DZ1	8.0	6.0	7.3	5.0	5.0	5.0	5.7	7.3	7.7	7.3	6.0	6.7	7.3	7.7	7.0	6.5
LEONARDO (LTP-FSD)	7.0	6.3	7.0	5.7	4.7	4.7	6.0	6.7	7.0	7.0	7.0	6.7	7.3	7.7	7.7	6.5
MET 1	7.0	5.7	7.7	6.0	5.7	5.3	6.3	7.0	7.0	6.3	6.0	6.0	7.3	7.7	7.0	6.5
PPG-TF-137	7.3	6.0	7.3	6.3	5.7	5.3	6.0	6.3	6.7	6.3	6.0	6.3	7.3	7.7	7.7	6.5
SCREAMER LS (PPG-TF-148)	7.0	5.7	7.3	6.0	5.3	5.3	6.7	6.7	7.0	6.7	6.3	6.7	7.0	7.0	7.0	6.5
TERRANO	7.7	6.7	7.0	5.3	4.7	5.0	6.0	7.3	8.0	7.7	6.3	6.7	7.0	7.3	6.3	6.5
ATF 1704	7.0	6.0	7.3	6.3	5.7	5.7	6.7	7.0	7.0	6.0	5.7	6.3	7.0	7.0	7.0	6.4
B23	8.0	6.0	7.7	5.3	5.0	5.0	6.0	7.3	7.7	7.0	6.3	6.0	7.0	7.0	6.7	6.4
CATALYST	7.0	6.7	7.3	6.3	5.3	5.3	7.0	7.7	7.7	6.7	6.3	5.0	6.0	6.7	7.3	6.4
CCR2	7.0	6.0	7.3	5.3	5.0	5.3	6.0	6.7	7.3	6.7	6.3	5.7	7.3	7.3	7.7	6.4
FAITH	7.3	7.3	7.0	6.3	5.3	5.7	7.0	7.0	7.0	6.7	6.0	5.0	6.0	7.0	7.3	6.4
DIABLO (IS-TF 330)	8.0	6.7	7.0	5.0	4.7	4.7	5.7	6.7	7.3	7.0	6.7	6.7	7.3	7.7	7.7	6.4
JS 916	7.7	5.7	7.0	5.7	5.3	5.3	5.7	7.3	7.0	7.0	6.3	6.3	7.0	7.3	7.0	6.4
PPG-TF-138	7.7	6.7	7.0	5.3	4.3	4.7	6.0	7.3	7.7	7.3	6.3	6.3	7.0	7.3	6.7	6.4
PPG-TF-151	7.3	5.7	7.7	6.3	5.7	5.3	6.3	6.3	7.0	6.3	6.3	6.3	7.0	7.0	7.3	6.4
THOR (PPG-TF-157)	7.7	6.0	7.0	5.7	5.0	5.0	6.3	6.7	7.3	6.3	6.3	6.0	7.3	7.7	7.0	6.4
PPG-TF-169	7.0	6.3	7.3	6.0	5.3	5.3	6.7	7.0	6.7	6.3	6.3	6.0	6.3	7.3	7.3	6.4
IS-TF 276 M2	7.7	6.0	7.0	6.0	5.3	5.7	6.0	7.0	7.3	6.3	5.7	5.3	6.3	7.3	7.0	6.3
BLACK TAIL (PPG-TF-150)	7.3	5.7	7.0	5.7	5.0	4.7	5.7	6.7	7.0	6.3	6.3	6.3	7.0	7.3	7.0	6.3
PSG-PO1	8.0	6.0	7.3	6.0	5.0	5.3	5.7	6.3	7.0	6.7	6.0	5.7	7.0	7.7	7.7	6.3
FIREWALL (PSG-WE1)	7.0	6.0	6.7	6.3	5.3	5.3	6.3	6.7	6.7	6.3	5.3	5.7	6.3	7.3	7.3	6.3
MERIDIAN (PST-5GRB)	6.7	6.7	8.0	6.0	5.3	5.3	6.3	7.0	7.0	6.7	5.3	5.0	6.7	7.7	7.0	6.3
PST-5MVD	7.7	6.3	6.3	5.3	5.0	5.0	5.7	6.0	7.0	7.0	6.7	6.7	6.7	7.0	7.0	6.3
RAD-TF-89	8.0	6.3	7.3	5.7	5.0	4.7	5.7	7.3	7.3	7.3	6.0	5.7	6.7	7.0	7.0	6.3
RAPTOR III (ZW 44)	7.7	5.7	7.3	5.7	5.0	5.0	6.0	6.7	7.0	6.0	6.3	6.7	7.3	7.3	7.0	6.3
ATF 1612	7.3	5.7	7.0	5.7	4.7	4.7	5.3	6.7	7.3	6.7	6.0	6.3	6.7	7.0	7.0	6.2

TABLE 14. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT RALEIGH, NC 1/
2014 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	QUALITY RATINGS												MEAN
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
CAESAR (TY 10)	8.0	6.7	7.3	6.0	5.3	5.0	6.0	6.7	7.0	6.3	6.0	6.0	6.3	6.7	6.7	6.2
KINGDOM (DB1)	8.0	5.7	6.7	5.3	4.7	4.7	5.0	7.0	7.3	6.7	6.0	6.3	6.3	7.3	7.3	6.2
HEMI	7.3	6.0	7.0	5.0	5.0	4.7	5.7	6.3	7.0	6.7	6.7	7.0	7.0	7.0	6.7	6.2
IS-TF 289	8.0	5.3	7.3	5.0	4.7	4.0	5.0	6.3	7.3	7.3	6.7	6.3	7.0	7.7	7.0	6.2
IS-TF 307 SEL	8.0	6.0	7.3	6.0	5.0	4.3	5.3	7.0	7.3	6.7	6.3	5.7	6.7	7.3	7.0	6.2
PICK-W43	6.7	6.0	6.7	5.7	5.3	5.0	6.3	6.7	6.7	6.7	5.7	6.0	7.0	7.0	6.7	6.2
FIRECRACKER SLS (PPG-TF-105)	7.3	6.3	7.7	6.3	5.3	5.0	6.7	7.0	7.3	6.3	5.7	5.0	6.0	7.0	7.0	6.2
PSG-TT4	7.0	6.0	7.0	6.3	5.0	4.7	6.0	6.7	6.7	6.0	6.3	6.0	6.7	7.0	7.0	6.2
PST-5BPO	7.3	6.7	7.3	6.0	5.3	5.3	6.0	7.0	7.0	6.3	6.3	6.3	6.3	6.3	6.3	6.2
RAD-TF-92	8.0	5.7	7.0	5.3	4.7	5.0	6.0	7.0	7.7	7.7	6.3	5.7	6.3	6.7	6.3	6.2
RAIN DANCE (PST-5SDT)	7.0	6.7	6.7	6.0	5.0	5.3	6.7	7.0	7.0	6.3	5.7	5.7	6.0	6.7	6.7	6.2
BAR FA 121089	8.0	6.3	6.0	5.7	4.7	4.7	6.0	6.7	7.0	6.3	6.0	5.7	6.0	7.0	7.0	6.1
HOVER (BURL TF-69)	7.7	6.0	7.0	5.0	4.3	4.3	5.7	7.0	7.0	6.7	6.0	6.0	6.7	7.3	7.0	6.1
FALCON V	7.0	6.3	7.3	5.7	5.0	5.0	6.3	6.3	6.3	6.3	5.7	6.0	6.7	7.0	7.0	6.1
IS-TF 310 SEL	7.3	6.0	8.0	5.0	5.0	4.7	5.3	6.7	7.7	7.3	6.0	6.0	6.7	6.7	6.7	6.1
K12-MCD	7.7	6.0	7.0	5.3	4.7	4.7	5.7	6.7	6.7	6.7	6.3	6.3	6.7	6.7	6.3	6.1
XTENDER (PPG-TF-139)	7.3	5.7	7.7	5.7	4.7	5.0	5.3	6.0	6.7	6.3	6.0	6.0	7.0	7.0	7.0	6.1
PPG-TF-170	7.0	6.3	7.7	5.7	5.0	4.7	6.3	6.7	6.3	6.0	6.0	6.0	6.7	7.3	7.0	6.1
PST-5EV2	6.7	5.3	7.3	5.3	4.7	4.7	5.3	7.0	6.7	7.0	6.3	6.3	6.7	7.0	6.7	6.1
PST-5EX2	6.0	5.0	6.3	5.7	5.7	5.7	5.7	6.0	5.7	5.7	6.3	6.7	6.7	7.0	7.0	6.1
REGENERATE	7.3	5.7	8.0	5.7	5.0	4.7	5.7	6.7	6.7	5.7	6.0	6.0	6.7	7.0	7.0	6.1
RHAMBLER 2 SRP (LSD)	7.3	5.7	7.7	6.0	5.0	5.0	5.3	6.7	7.0	6.3	5.7	5.7	6.7	6.7	6.7	6.1
ATF 1754	7.0	6.0	7.3	5.7	5.0	5.3	6.0	6.3	6.3	6.3	6.0	5.7	6.0	6.0	6.7	6.0
FESNOVA	7.0	5.7	7.3	5.7	4.7	4.7	6.0	6.7	6.7	6.3	5.7	5.3	6.7	7.0	7.0	6.0
MAESTRO (T31)	7.3	6.0	7.3	6.0	5.3	5.0	5.7	6.3	6.7	5.7	5.0	6.0	6.7	7.0	7.0	6.0
TEMPTATION (OR-21)	8.7	6.3	7.0	5.7	4.7	5.0	5.7	6.7	7.0	6.7	6.3	5.7	6.0	6.3	6.0	6.0
REFLECTION (U45)	7.7	5.3	7.7	5.3	4.7	4.7	5.3	6.0	6.7	6.3	6.0	6.0	7.0	7.0	7.0	6.0
ANNIHILATOR	8.0	6.3	8.0	5.7	4.7	4.7	5.7	7.0	6.7	6.7	5.3	5.3	6.0	6.7	6.0	5.9
GO-DFR	8.0	5.3	7.3	5.0	4.0	4.0	5.0	6.0	7.0	7.0	6.0	6.3	6.7	7.0	7.0	5.9
TURFWAY (IS-TF 282 M2)	8.0	6.0	7.3	5.3	4.7	4.7	5.0	6.7	7.0	6.3	6.3	6.0	6.0	6.7	6.7	5.9
FOXHOUND (IS-TF 284 M2)	8.3	4.3	7.3	5.0	4.7	4.7	4.7	5.7	6.7	6.7	6.3	6.0	7.0	7.3	6.3	5.9
IS-TF-287	7.7	6.0	6.3	4.7	4.3	4.7	6.3	7.0	7.3	7.0	6.0	5.3	5.7	6.3	6.0	5.9
K12-05	8.3	5.7	7.7	5.7	4.7	4.7	5.3	6.0	6.3	6.3	5.7	5.3	6.3	7.3	7.0	5.9
PSG-GSD	6.7	6.0	7.3	5.7	4.7	4.3	5.7	6.7	7.0	6.3	5.3	5.0	6.3	6.7	6.7	5.9
RAD-TF-88	7.7	5.7	7.3	5.3	4.7	4.7	5.3	6.7	7.0	7.0	5.7	6.0	6.3	6.3	6.0	5.9
W41	7.3	6.0	7.0	5.3	4.7	4.3	5.3	6.0	6.7	6.0	6.3	6.0	6.7	7.0	6.3	5.9
COMP. RES. SST	8.3	6.7	8.0	5.7	5.0	5.0	6.0	7.3	7.7	7.3	5.0	4.3	5.0	5.3	5.7	5.8
FIREBIRD 2	8.0	5.7	7.3	5.3	4.7	4.7	5.0	6.0	6.7	6.3	5.7	5.3	6.3	7.0	6.3	5.8
INSPIRATION (PST-R5NW)	7.7	6.3	6.0	5.3	4.7	5.0	5.3	6.7	7.0	6.7	5.0	5.3	6.0	6.3	6.3	5.8
IS-TF 269 SEL	7.7	5.7	7.3	5.0	5.0	4.7	5.0	5.7	6.3	6.3	5.7	5.7	6.3	7.0	7.0	5.8
IS-TF 285	8.0	6.0	7.0	5.0	4.7	4.7	5.3	6.3	6.7	6.0	5.7	6.0	6.0	6.3	6.3	5.8
FAYETTE (IS-TF 291)	8.0	6.3	7.7	5.3	5.0	5.0	5.7	7.3	7.7	7.0	5.0	4.7	5.3	5.3	5.7	5.8
SALTILLO (PST-5SALT)	7.7	5.7	6.3	5.7	4.7	4.7	5.0	6.3	6.7	6.0	5.7	5.7	6.0	6.7	6.7	5.8
AQUADUCT	7.0	6.0	7.3	5.3	4.7	4.7	5.7	6.3	6.3	6.3	5.3	5.0	6.0	6.3	6.7	5.7
BAR FA 121091	8.0	6.0	6.7	4.7	4.3	4.7	5.7	6.7	7.0	6.0	5.7	5.3	6.0	6.3	6.3	5.7

TABLE 14. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT RALEIGH, NC 1/
2014 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	QUALITY RATINGS												MEAN
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
IS-TF 305 SEL	8.0	5.3	7.3	5.3	4.3	4.7	5.3	6.0	6.3	6.0	6.3	6.0	6.0	6.3	5.7	5.7
THUNDERSTRUCK (TD1)	8.7	5.3	7.3	5.7	4.7	4.3	4.7	6.3	7.3	7.0	6.0	5.0	5.3	6.0	6.3	5.7
WARHAWK	7.7	5.7	7.3	5.0	4.3	4.0	4.7	6.7	7.0	6.3	5.3	5.0	6.0	7.0	6.7	5.7
ATF 1736	7.0	6.0	7.0	5.3	4.7	4.7	6.3	6.3	6.0	6.0	5.0	5.0	5.3	6.0	6.0	5.6
FALCON IV	7.3	6.7	7.0	5.7	4.7	4.3	6.0	6.7	6.7	6.0	5.7	4.7	5.3	5.7	6.0	5.6
FRONTLINE (EXP TF-09)	8.3	6.7	6.7	5.7	4.7	5.0	5.7	6.7	7.0	6.0	4.7	4.3	5.7	6.0	6.3	5.6
JS 809	7.7	5.3	7.3	5.3	4.3	4.0	5.3	6.0	6.7	6.3	5.3	5.3	5.7	6.3	6.0	5.6
DYNAMITE LS (PPG-TF-145)	8.0	5.3	7.7	5.0	4.3	4.3	5.0	6.0	7.0	6.3	5.3	5.0	6.0	6.7	6.7	5.6
PST-5BRK	7.0	6.0	6.7	5.0	4.7	4.7	5.0	5.7	6.3	5.7	5.7	5.7	6.3	6.7	6.3	5.6
SWAGGER (PST-5R05)	7.3	5.7	6.0	5.0	4.3	4.3	5.0	6.0	6.3	6.0	5.7	6.0	6.0	6.3	6.3	5.6
BULLSEYE	8.0	5.7	6.7	5.3	4.7	4.7	5.7	6.3	6.7	6.3	5.7	5.0	4.7	5.0	5.7	5.5
IS-TF 272	8.3	5.0	7.0	5.0	4.7	4.3	4.3	6.0	6.3	7.0	5.3	5.3	5.7	6.3	5.7	5.5
JS 818	8.0	5.0	6.7	5.3	4.3	4.0	4.3	6.0	6.3	6.3	5.7	5.7	5.7	6.3	6.0	5.5
ARES (PPG-TF-142)	8.7	6.0	7.0	5.0	4.7	4.3	4.7	5.7	6.7	7.0	6.0	6.0	5.3	5.3	5.3	5.5
RAD-TF-83	8.0	5.7	7.0	4.3	4.0	4.0	5.0	6.7	6.7	6.3	5.7	5.3	6.0	6.3	6.0	5.5
JS 819	8.0	5.3	6.3	4.7	4.0	4.0	4.7	6.7	6.7	6.0	5.0	5.3	5.7	6.0	6.0	5.4
PPG-TF-115	8.0	5.7	6.7	5.3	4.3	4.3	4.7	5.7	6.3	6.0	5.3	5.3	5.7	6.3	6.0	5.4
JS 825	8.0	5.0	6.3	4.7	4.0	4.0	4.3	6.3	6.7	6.0	5.3	5.3	5.7	5.7	5.7	5.3
MARAUDER	8.0	5.0	7.7	5.0	4.3	4.0	4.3	6.3	7.0	6.0	5.0	5.0	5.0	5.7	6.0	5.3
PST-5DZP	7.3	5.3	7.0	5.0	4.3	4.3	4.7	5.7	6.3	6.0	5.3	5.3	5.7	5.7	5.7	5.3
204 RES. BLK4	7.0	6.0	8.0	5.7	4.7	4.7	5.7	7.0	6.3	5.3	3.7	3.7	4.0	5.0	5.3	5.1
PSG-8BP2	7.3	5.3	7.0	5.0	4.0	4.0	5.0	5.7	6.3	5.3	5.0	4.3	5.0	5.3	5.7	5.1
BAR FA 121095	7.7	4.0	7.3	4.7	4.0	3.7	4.0	5.0	6.3	5.7	5.0	5.0	5.0	5.7	5.7	5.0
K12-13	8.0	4.3	7.0	4.3	4.3	4.3	4.3	5.7	5.3	5.3	5.3	5.0	5.3	6.0	6.0	5.0
BAR FA 120878	6.0	5.7	5.3	5.3	4.7	4.7	5.7	5.0	4.3	5.0	4.3	4.7	4.7	5.0	5.3	4.9
KY-31	4.0	3.0	5.0	3.7	3.0	2.7	3.3	3.3	3.0	3.0	3.0	3.0	3.0	3.3	3.3	3.1
LSD VALUE	0.7	2.2	1.0	1.3	1.1	1.1	1.5	1.9	1.5	2.1	1.8	1.8	1.4	1.3	1.4	0.9
C.V. (%)	5.7	14.4	7.6	11.5	11.7	12.2	14.1	13.3	11.0	13.2	14.3	15.4	12.8	11.2	11.4	8.6

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

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

TABLE 14. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT RALEIGH, NC 1/
2014 DATA

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

NAME	DENSITY	DENSITY	DENSITY	PERCENT	PERCENT	PERCENT	WINTER COLOR	BROWN PATCH RATINGS		
	SPRING	SUMMER	FALL	COVER SPRING	COVER SUMMER	COVER FALL		JUNE	AUGUST	SEPTEMBER
TITANIUM 2LS (PPG-TF-152)	7.7	8.0	8.0	99.0	99.0	99.0	5.3	8.3	7.3	7.0
TECHNIQUE (RZ2)	8.0	8.0	8.0	98.7	98.7	99.0	4.7	8.3	8.3	8.3
4TH MILLENNIUM SRP (U43)	7.3	7.7	7.7	97.7	99.0	97.7	4.7	8.3	7.7	7.7
HOT ROD (BURL TF-136)	8.0	8.0	8.0	97.7	98.7	99.0	4.0	8.0	8.0	7.7
PPG-TF-172	8.0	8.0	8.0	97.3	96.3	99.0	4.7	8.3	8.0	8.0
GTO (BURL TF-2)	7.7	7.7	8.0	99.0	97.7	99.0	5.0	7.3	7.7	8.3
ROCKWELL (LTP-TWUU)	7.7	7.7	8.0	99.0	98.7	99.0	5.0	8.0	8.0	8.3
MET-3	8.0	7.7	8.0	99.0	96.3	97.7	4.7	8.0	7.3	7.7
IS-TF 311	8.0	8.0	8.0	94.7	99.0	96.3	4.7	8.0	8.3	8.0
MET 6 SEL	7.7	8.0	8.0	95.7	98.7	99.0	3.7	8.3	8.7	8.7
PPG-TF-135	8.0	7.7	8.0	96.3	97.7	99.0	4.7	8.3	8.7	8.3
TRAVERSE 2 SRP (W45)	8.0	8.0	8.0	96.0	96.0	99.0	4.7	8.7	8.7	8.7
BIZEM	8.0	7.7	8.0	98.0	98.3	97.7	4.0	7.3	8.3	8.0
F711	8.0	7.7	8.0	97.7	99.0	99.0	5.0	8.3	8.0	8.0
GRANDE 3	7.3	8.0	7.7	98.7	99.0	97.7	5.7	7.7	7.7	8.0
IS-TF 308 SEL	8.0	7.7	7.7	96.3	95.7	99.0	4.7	7.7	8.0	8.0
MICHELANGELO (LTP-F5DPDR)	7.3	7.7	7.7	98.7	98.7	97.7	4.0	7.7	7.3	7.7
AVENGER II (PPG-TF-156)	7.7	8.0	8.0	95.7	96.3	99.0	5.3	7.7	8.0	7.7
ROWDY (SRX-TPC)	8.0	7.7	8.0	93.3	99.0	99.0	3.3	8.0	8.3	8.3
DZ1	7.3	7.3	8.0	90.0	99.0	97.7	3.7	9.0	7.7	8.3
LEONARDO (LTP-FSD)	7.7	7.3	7.7	98.7	99.0	99.0	4.3	8.7	8.7	8.7
MET 1	8.0	7.7	8.0	98.7	97.7	99.0	4.7	8.3	7.7	8.0
PPG-TF-137	7.7	8.0	8.0	92.7	96.0	99.0	4.7	7.3	7.7	7.7
SCREAMER LS (PPG-TF-148)	7.7	7.3	8.0	97.0	99.0	97.7	4.0	8.3	7.7	7.7
TERRANO	7.7	7.7	7.7	97.3	99.0	97.7	3.7	8.7	8.3	8.7
ATF 1704	8.0	8.0	8.0	99.0	97.7	99.0	4.3	8.0	7.7	8.0
B23	8.0	7.7	7.7	92.7	96.3	97.7	4.3	8.0	7.3	7.0
CATALYST	7.7	8.0	7.7	99.0	97.7	96.3	4.3	7.7	7.3	6.0
CCR2	8.0	7.3	8.0	94.7	95.7	96.3	5.0	7.3	7.7	7.3
FAITH	7.7	7.3	7.3	97.3	97.7	93.0	5.3	7.0	7.0	7.0
DIABLO (IS-TF 330)	8.0	8.0	8.0	92.7	98.7	94.7	4.3	8.3	7.7	8.0
JS 916	7.7	8.0	8.0	93.7	98.7	97.7	4.0	8.0	8.0	8.3
PPG-TF-138	8.0	8.0	8.0	91.7	98.7	94.3	4.0	8.3	7.7	8.0
PPG-TF-151	7.7	7.7	8.0	94.3	94.3	97.7	5.0	8.0	8.3	8.3
THOR (PPG-TF-157)	8.0	8.0	8.0	93.3	96.0	97.7	5.0	7.7	7.7	7.7
PPG-TF-169	7.7	7.7	8.0	95.7	96.3	97.7	4.7	7.7	7.7	7.0
IS-TF 276 M2	7.7	6.7	7.7	96.3	98.7	96.3	4.3	7.0	7.3	7.0
BLACK TAIL (PPG-TF-150)	8.0	8.0	8.0	94.0	97.7	99.0	4.0	7.7	8.3	9.0
PSG-P01	8.0	8.0	8.0	95.3	97.7	99.0	4.7	8.3	8.0	7.7
FIREWALL (PSG-WE1)	7.7	7.7	7.7	93.3	97.3	99.0	4.0	7.7	7.3	7.3
MERIDIAN (PST-5GRB)	8.0	7.7	8.0	97.3	98.7	97.7	4.0	7.7	6.7	6.7
PST-5MVD	7.3	8.0	7.7	97.3	99.0	99.0	4.0	9.0	8.3	8.3
RAD-TF-89	8.0	7.7	7.7	96.0	99.0	94.3	4.3	8.0	6.7	7.0
RAPTOR III (ZW 44)	8.0	7.7	7.7	95.0	96.3	97.7	4.3	8.0	8.7	8.7
ATF 1612	8.0	8.0	8.0	93.0	97.3	96.3	4.3	8.0	8.0	8.0

TABLE 14. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT RALEIGH, NC 1/
2014 DATA

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

NAME	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR	BROWN PATCH RATINGS		
								JUNE	AUGUST	SEPTEMBER
CAESAR (TY 10)	7.7	7.3	7.0	97.3	94.7	95.0	5.0	7.3	7.7	7.7
KINGDOM (DB1)	7.7	8.0	7.7	90.0	97.7	97.7	4.3	8.0	7.3	7.0
HEMI	7.7	8.0	8.0	91.7	97.3	99.0	3.7	8.0	8.7	8.7
IS-TF 289	7.7	7.7	7.7	93.3	99.0	95.0	3.7	8.0	7.7	7.7
IS-TF 307 SEL	8.0	7.7	7.7	95.3	99.0	97.7	4.3	9.0	7.7	7.7
PICK-W43	8.0	8.0	8.0	97.3	97.7	97.7	4.3	7.7	7.7	7.7
FIRECRACKER SLS (PPG-TF-105)	7.7	8.0	8.0	96.0	97.7	94.7	5.0	7.3	7.0	7.0
PSG-TT4	7.3	7.3	7.7	96.0	97.7	97.7	4.0	8.3	7.7	8.3
PST-5BPO	7.7	7.7	7.7	96.3	97.7	97.7	4.7	7.7	8.0	8.3
RAD-TF-92	8.0	8.0	8.0	92.7	99.0	93.0	3.7	7.7	6.7	7.0
RAIN DANCE (PST-5SDT)	7.7	7.3	7.3	96.3	97.7	96.3	4.7	7.7	8.0	8.0
BAR FA 121089	7.0	6.7	7.3	97.7	97.7	94.7	3.7	8.7	8.0	7.7
HOVER (BURL TF-69)	7.7	8.0	8.0	93.0	96.0	94.7	3.0	7.7	7.7	7.3
FALCON V	7.3	7.3	8.0	96.0	96.3	96.0	4.3	8.0	7.7	8.0
IS-TF 310 SEL	8.0	8.0	7.7	90.0	98.7	96.3	4.3	7.0	7.0	7.0
K12-MCD	7.3	7.3	7.7	97.3	98.3	96.0	3.7	7.3	7.3	8.0
XTENDER (PPG-TF-139)	7.7	7.7	7.7	93.0	96.0	97.7	3.7	8.3	7.3	7.7
PPG-TF-170	7.7	7.3	7.7	94.3	97.7	97.7	4.0	8.0	7.7	8.0
PST-5EV2	7.3	7.7	8.0	91.7	97.7	97.7	4.0	8.3	8.0	7.7
PST-5EX2	7.0	7.0	7.3	96.3	96.3	99.0	4.7	7.3	8.0	8.3
REGENERATE	8.0	8.0	8.0	93.3	94.7	94.7	5.0	8.0	8.7	8.0
RHAMBLER 2 SRP (LSD)	8.0	7.7	8.0	93.0	93.3	96.3	3.7	8.3	8.3	8.0
ATF 1754	7.7	7.7	7.7	94.3	96.3	96.0	3.3	7.3	6.7	7.7
FESNOVA	7.7	7.0	7.0	93.0	94.3	93.0	4.3	8.0	7.3	7.3
MAESTRO (T31)	8.0	7.0	7.0	91.0	94.7	99.0	5.0	7.3	7.7	8.0
TEMPTATION (OR-21)	7.7	7.0	7.3	93.3	97.3	95.0	4.3	7.7	7.3	7.3
REFLECTION (U45)	7.7	7.7	7.7	89.3	97.3	97.7	4.3	8.0	7.7	8.0
ANNIHILATOR	7.3	7.0	7.0	91.0	93.0	90.0	4.0	7.0	7.0	6.7
GO-DFR	7.0	7.7	7.7	90.0	97.7	96.3	3.3	7.7	7.7	8.3
TURFWAY (IS-TF 282 M2)	7.3	8.0	8.0	89.3	96.3	99.0	4.7	8.3	8.3	8.0
FOXHOUND (IS-TF 284 M2)	6.7	7.7	7.7	86.7	98.3	96.3	3.0	8.3	7.7	7.7
IS-TF-287	8.0	7.3	7.3	91.7	97.7	93.3	3.7	7.0	7.0	6.7
K12-05	8.0	7.7	7.7	89.3	93.0	95.0	3.3	7.0	7.7	7.7
PSG-GSD	6.7	7.0	7.0	93.0	96.3	94.7	3.7	7.3	7.0	7.3
RAD-TF-88	8.0	8.0	8.0	94.7	96.0	91.7	3.0	7.0	7.0	7.3
W41	7.7	7.7	8.0	88.3	95.0	94.7	4.3	7.7	7.7	7.3
COMP. RES. SST	7.3	7.7	7.3	95.7	98.7	83.3	4.0	7.0	6.3	6.0
FIREBIRD 2	8.0	8.0	8.0	93.3	98.7	94.7	3.7	7.7	7.0	7.0
INSPIRATION (PST-R5NW)	6.7	6.7	7.0	93.3	96.3	93.0	3.7	7.3	7.0	7.0
IS-TF 269 SEL	7.7	7.3	7.7	86.7	96.0	94.3	3.3	7.7	7.7	7.0
IS-TF 285	7.7	7.7	7.7	91.0	96.0	94.7	3.7	8.0	7.0	7.0
FAYETTE (IS-TF 291)	8.0	7.7	7.7	86.7	97.7	90.0	4.0	7.3	6.7	6.3
SALTILLO (PST-5SALT)	7.7	7.3	7.3	90.0	96.3	94.7	4.3	7.3	7.7	7.7
AQUADUCT	6.7	7.3	7.0	95.3	97.7	88.3	3.3	7.0	6.7	6.7
BAR FA 121091	7.7	7.7	7.3	91.7	93.0	91.7	2.7	7.3	7.0	6.7

TABLE 14. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT RALEIGH, NC 1/
2014 DATA

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

NAME	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR	BROWN PATCH RATINGS		
								JUNE	AUGUST	SEPTEMBER
IS-TF 305 SEL	7.3	7.7	7.3	90.0	96.0	94.7	4.0	8.0	8.0	7.7
THUNDERSTRUCK (TD1)	7.3	7.3	7.7	85.0	94.3	89.7	4.0	6.7	6.3	5.7
WARHAWK	7.3	7.3	7.3	93.3	97.7	90.0	2.7	7.0	6.3	6.7
ATF 1736	7.7	6.7	7.0	94.3	97.3	90.0	4.7	7.3	7.0	6.3
FALCON IV	7.7	7.0	6.7	97.3	93.0	88.3	3.3	7.0	7.0	6.7
FRONTLINE (EXP TF-09)	7.0	6.7	6.7	96.0	93.0	86.7	4.7	7.0	5.7	5.3
JS 809	7.3	7.3	7.3	89.3	94.7	90.0	3.0	6.3	6.7	6.3
DYNAMITE LS (PPG-TF-145)	7.7	7.7	7.7	88.3	93.3	93.3	4.0	8.0	8.0	7.3
PST-5BRK	6.7	7.7	7.3	94.3	98.7	97.7	3.0	8.3	7.7	7.7
SWAGGER (PST-5R05)	7.3	7.0	7.3	95.7	97.3	96.3	4.0	8.0	8.0	8.0
BULLSEYE	7.3	6.3	6.7	88.3	94.7	86.7	4.0	7.7	6.7	6.7
IS-TF 272	8.0	7.7	7.7	90.0	97.7	88.3	3.7	8.0	7.0	6.3
JS 818	7.3	7.3	7.7	90.0	97.7	89.7	3.0	7.0	7.7	7.0
ARES (PPG-TF-142)	7.3	7.7	7.3	85.0	96.3	90.0	4.0	7.7	7.3	7.3
RAD-TF-83	7.3	7.0	7.0	91.7	94.7	88.3	3.0	7.3	7.0	7.3
JS 819	7.3	7.0	7.0	91.3	96.3	90.0	2.7	7.7	7.0	6.7
PPG-TF-115	7.7	6.7	7.3	89.3	94.7	91.7	3.0	7.7	6.7	7.0
JS 825	6.7	7.0	7.3	86.7	95.7	90.0	3.0	8.3	7.3	7.0
MARAUDER	7.7	7.7	7.7	90.0	94.7	86.7	4.3	6.7	6.7	6.3
PST-5DZP	7.7	7.3	7.3	88.3	94.3	91.3	3.7	7.7	7.3	7.3
204 RES. BLK4	7.7	7.3	7.0	93.0	88.0	75.0	4.0	4.0	4.3	3.7
PSG-8BP2	6.7	6.7	6.3	91.7	93.3	88.3	3.7	7.3	7.3	7.0
BAR FA 121095	7.3	7.7	7.3	83.3	90.0	90.0	2.7	6.3	7.0	6.3
K12-13	7.3	7.3	7.3	81.7	90.0	90.0	4.0	7.3	7.3	7.0
BAR FA 120878	5.3	5.7	6.0	91.7	93.3	81.7	4.0	7.0	6.7	6.7
KY-31	5.0	4.3	4.3	90.0	85.0	85.0	2.7	7.3	7.3	8.0
LSD VALUE	0.9	0.9	0.8	9.1	8.8	7.3	1.4	2.0	1.8	2.3
C.V. (%)	6.8	6.8	6.0	4.9	3.5	4.5	18.4	11.2	11.3	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 15.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT MEAD, NE 1/
2014 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	FALL COLOR OCTOBER	QUALITY RATINGS								MEAN
					APR	MAY	JUN	JUL	AUG	SEP	OCT		
FALCON V	7.0	4.3	5.7	6.3	4.3	4.7	6.0	6.3	6.7	7.0	6.0	5.9	
DIABLO (IS-TF 330)	7.0	5.0	5.7	6.3	4.7	5.0	6.3	6.3	6.3	6.7	5.7	5.9	
THOR (PPG-TF-157)	7.0	4.3	5.3	6.3	4.0	5.0	6.0	6.7	6.3	7.0	6.0	5.9	
FIREWALL (PSG-WE1)	7.0	4.7	5.7	6.7	4.0	4.3	6.3	6.3	7.0	7.0	6.0	5.9	
TECHNIQUE (RZ2)	6.7	4.0	5.3	6.7	3.7	5.0	6.7	6.7	6.0	7.0	6.0	5.9	
ROWDY (SRX-TPC)	6.7	4.3	5.3	6.0	4.0	4.7	6.7	6.3	6.7	6.7	6.0	5.9	
BIZEM	7.0	4.7	5.3	6.0	4.0	5.0	6.0	6.3	6.3	6.7	6.0	5.8	
FALCON IV	6.3	5.3	6.0	5.7	4.7	5.3	6.3	6.3	5.3	6.7	6.0	5.8	
IS-TF 276 M2	7.0	5.3	5.3	6.3	4.7	5.3	6.3	5.7	5.7	7.0	5.7	5.8	
JS 916	7.0	4.3	5.3	5.7	4.3	4.7	6.7	6.0	6.7	6.3	6.0	5.8	
K12-MCD	7.0	5.3	6.0	5.7	4.7	4.7	6.0	6.3	6.0	7.0	5.7	5.8	
MICHELANGELO (LTP-F5DPDR)	6.7	4.3	5.7	5.3	4.0	5.0	6.3	6.0	6.3	7.0	5.7	5.8	
LEONARDO (LTP-FSD)	7.0	4.7	5.7	6.3	4.3	5.3	6.3	6.3	6.0	6.7	5.3	5.8	
ROCKWELL (LTP-TWUU)	6.7	5.0	5.3	6.3	4.0	4.3	6.3	6.3	6.3	7.0	6.0	5.8	
PPG-TF-115	6.7	5.0	6.0	6.0	4.3	5.0	6.0	6.0	6.0	7.0	6.0	5.8	
PST-5BP0	6.7	5.0	6.0	6.3	4.7	5.0	5.7	5.3	6.7	7.0	6.0	5.8	
PST-5DZP	7.0	4.3	5.7	5.0	4.0	4.7	5.7	6.3	6.7	7.0	6.0	5.8	
PST-5EX2	6.7	5.0	6.0	5.7	4.3	4.7	6.0	6.3	6.3	7.0	6.0	5.8	
RAD-TF-92	7.0	5.0	5.0	6.7	5.0	5.0	5.3	6.3	6.0	7.0	6.0	5.8	
FRONTLINE (EXP TF-09)	7.0	5.3	5.3	5.7	4.3	4.7	6.3	5.7	5.7	7.0	6.0	5.7	
INSPIRATION (PST-R5NW)	7.0	5.0	6.0	5.7	4.3	5.3	6.3	6.0	5.7	7.0	5.3	5.7	
IS-TF 269 SEL	7.0	5.0	5.7	6.3	4.3	4.7	6.0	6.0	6.0	7.0	6.0	5.7	
MET 1	6.7	4.0	5.3	7.0	4.0	3.7	6.0	6.7	6.3	7.0	6.0	5.7	
MET 6 SEL	7.0	4.3	5.3	6.3	4.0	4.3	6.0	6.0	6.3	7.0	6.0	5.7	
SCREAMER LS (PPG-TF-148)	6.3	4.3	5.3	6.7	3.7	4.0	6.3	6.3	6.3	7.0	6.0	5.7	
PPG-TF-172	6.7	4.7	5.7	6.7	4.0	4.7	6.0	6.0	6.0	7.0	6.0	5.7	
PST-5BRK	6.7	4.7	6.0	5.7	4.3	4.3	6.3	6.0	6.3	7.0	5.7	5.7	
MERIDIAN (PST-5GRB)	6.3	4.0	5.0	5.0	4.0	4.7	6.3	6.0	5.7	7.0	6.0	5.7	
THUNDERSTRUCK (TD1)	7.0	5.0	5.0	6.0	4.3	4.7	6.7	6.3	5.7	6.3	6.0	5.7	
TEMPTATION (OR-21)	7.0	5.0	6.0	5.7	4.7	5.0	6.3	5.7	5.7	7.0	5.7	5.7	
ATF 1736	6.7	5.0	5.3	6.0	4.3	4.7	5.7	6.0	5.7	6.7	6.0	5.6	
ATF 1754	6.3	4.3	5.7	7.0	3.7	4.3	5.7	6.0	6.3	7.0	6.0	5.6	
HOVER (BURL TF-69)	7.0	4.7	5.3	6.3	4.3	4.3	5.7	6.0	6.3	7.0	5.3	5.6	
KINGDOM (DB1)	7.0	5.0	5.0	6.3	4.0	5.0	6.0	6.0	5.7	6.7	6.0	5.6	
FESNOVA	7.0	4.3	5.7	6.0	4.3	4.3	5.3	5.7	6.3	7.0	6.0	5.6	
TURFWAY (IS-TF 282 M2)	7.0	5.0	5.7	5.0	4.7	4.7	6.0	5.7	6.7	6.3	5.3	5.6	
IS-TF 285	7.0	4.7	5.0	5.7	4.0	4.7	5.7	6.3	5.7	7.0	5.7	5.6	
FAYETTE (IS-TF 291)	7.0	4.3	5.0	6.7	4.0	4.3	6.0	6.3	5.7	7.0	6.0	5.6	
PPG-TF-151	7.0	4.7	5.3	6.3	4.0	4.0	6.0	6.3	6.0	7.0	6.0	5.6	
TITANIUM 2LS (PPG-TF-152)	7.0	4.3	5.7	6.0	3.3	4.3	5.7	6.3	6.7	7.0	6.0	5.6	
AVENGER II (PPG-TF-156)	6.3	4.0	5.3	6.7	4.0	4.3	5.3	6.3	6.0	7.0	6.0	5.6	
PSG-8BP2	6.7	5.0	5.7	5.0	4.3	5.3	6.0	5.3	6.0	6.7	5.3	5.6	
PST-5MVD	6.7	4.7	5.7	6.0	4.0	4.3	6.0	6.0	6.0	7.0	6.0	5.6	
SWAGGER (PST-5R05)	6.7	4.7	6.0	5.7	4.3	4.7	6.0	6.0	5.7	6.7	6.0	5.6	
RAD-TF-89	7.0	5.3	5.3	7.0	4.7	4.7	5.3	6.0	5.7	7.0	6.0	5.6	

TABLE 15. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT MEAD, NE 1/
2014 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	FALL COLOR OCTOBER	QUALITY RATINGS							MEAN
					APR	MAY	JUN	JUL	AUG	SEP	OCT	
RHAMBLER 2 SRP (LSD)	6.7	4.7	5.7	6.0	4.0	4.0	5.3	6.3	6.3	7.0	6.3	5.6
MAESTRO (T31)	7.0	4.3	6.0	6.3	4.0	4.3	5.7	6.0	6.3	7.0	6.0	5.6
TERRANO	7.0	5.0	5.7	5.3	4.3	4.7	6.3	5.7	6.0	6.7	5.7	5.6
4TH MILLENNIUM SRP (U43)	7.0	4.7	5.3	7.0	4.3	4.3	5.3	5.7	6.0	7.0	6.3	5.6
REFLECTION (U45)	7.0	4.3	5.3	6.3	3.7	3.7	5.7	6.7	6.3	7.0	6.0	5.6
WARHAWK	6.7	5.3	5.7	4.7	5.3	4.7	6.0	5.7	5.3	6.7	5.3	5.6
ANNIHILATOR	7.0	5.0	5.3	5.7	4.3	4.3	6.0	5.7	5.0	7.0	6.0	5.5
AQUADUCT	6.3	5.0	5.7	5.0	4.3	4.7	5.7	5.7	5.3	6.7	6.0	5.5
ATF 1704	6.7	4.7	6.0	6.3	4.0	4.3	5.0	5.7	6.3	7.0	6.0	5.5
CAESAR (TY 10)	7.0	4.7	5.7	5.3	4.0	4.3	5.7	5.7	5.7	7.0	6.0	5.5
CATALYST	6.3	4.0	6.0	6.7	3.3	4.0	5.7	6.0	6.3	7.0	6.0	5.5
FAITH	7.0	4.7	5.0	6.0	3.7	4.3	5.3	6.3	6.3	6.7	5.7	5.5
GRANDE 3	7.0	4.3	6.0	6.0	4.0	4.3	5.7	5.7	6.0	7.0	6.0	5.5
HEMI	7.0	3.7	5.7	6.7	3.7	3.7	5.7	5.7	6.7	7.0	6.0	5.5
FOXHOUND (IS-TF 284 M2)	7.0	4.7	5.3	5.3	4.3	4.7	6.0	6.0	5.7	6.7	5.3	5.5
IS-TF 289	7.0	4.3	6.0	5.0	3.7	4.3	6.3	5.7	5.7	6.7	6.0	5.5
IS-TF 305 SEL	6.7	4.3	5.7	6.3	4.0	4.7	5.7	5.7	5.7	7.0	6.0	5.5
IS-TF 307 SEL	7.0	4.3	5.7	6.0	3.7	4.0	5.7	6.3	6.0	7.0	6.0	5.5
IS-TF 310 SEL	6.7	4.7	5.3	6.3	3.7	4.7	5.3	6.0	6.0	7.0	5.7	5.5
IS-TF 311	7.0	4.0	5.7	5.3	3.3	4.0	6.0	6.0	6.3	7.0	6.0	5.5
IS-TF-287	7.0	4.3	5.3	5.7	4.0	4.3	6.0	5.3	6.3	7.0	5.7	5.5
JS 818	7.0	4.7	5.7	5.7	4.7	4.3	6.3	5.3	5.3	6.7	6.0	5.5
PICK-W43	7.0	3.7	5.7	6.7	3.3	3.7	5.3	6.0	7.0	7.0	6.0	5.5
FIRECRACKER SLS (PPG-TF-105)	7.0	4.7	5.7	6.0	3.7	4.3	5.3	6.0	6.7	7.0	5.7	5.5
DYNAMITE LS (PPG-TF-145)	7.0	4.0	5.7	6.0	3.7	4.0	5.7	6.3	6.3	6.7	5.7	5.5
PPG-TF-170	7.0	4.3	5.7	6.7	4.0	3.7	5.3	6.0	6.7	7.0	6.0	5.5
PSG-GSD	7.0	4.3	5.3	5.7	4.0	4.0	5.7	6.3	5.7	6.7	6.0	5.5
RAD-TF-88	7.0	4.7	5.3	6.3	4.0	4.0	5.3	6.3	6.0	7.0	6.0	5.5
RAIN DANCE (PST-5SDT)	6.7	5.0	6.0	6.0	4.7	4.7	5.3	5.7	5.7	6.7	5.7	5.5
TRAVERSE 2 SRP (W45)	6.3	4.3	5.7	7.0	3.7	4.0	5.0	6.0	6.7	6.7	6.3	5.5
RAPTOR III (ZW 44)	6.3	4.7	5.3	6.7	4.0	3.7	5.3	6.3	6.3	7.0	6.0	5.5
ATF 1612	7.0	4.3	5.7	6.0	3.3	3.3	5.7	6.3	6.0	7.0	6.0	5.4
B23	7.0	4.0	5.3	6.7	3.3	3.7	5.0	6.3	6.3	7.0	6.0	5.4
BAR FA 121089	6.7	4.3	6.0	5.0	4.0	4.7	5.7	5.3	5.7	6.7	5.7	5.4
BAR FA 121095	6.7	4.7	6.0	5.3	3.7	4.3	5.3	6.0	6.0	7.0	5.7	5.4
CCR2	7.0	4.0	5.7	7.0	3.3	3.7	5.3	5.7	6.7	7.0	6.0	5.4
DZ1	7.0	4.0	6.0	6.0	3.3	3.7	5.7	5.7	6.3	7.0	6.0	5.4
GO-DFR	7.0	4.7	5.3	5.7	4.3	4.3	5.3	5.7	5.3	6.7	6.0	5.4
JS 819	7.0	4.3	5.7	5.0	4.0	4.0	5.7	6.0	6.0	6.3	5.7	5.4
MARAUDER	6.3	4.7	5.3	5.3	4.3	4.3	5.7	6.0	5.0	6.3	6.0	5.4
MET-3	7.0	4.0	5.7	7.0	3.0	3.7	5.7	6.3	6.0	7.0	6.0	5.4
PPG-TF-138	7.0	4.0	5.7	6.0	3.7	4.0	5.7	5.7	6.0	7.0	6.0	5.4
XTENDER (PPG-TF-139)	7.0	4.0	5.7	5.7	3.7	4.3	5.0	6.0	6.0	7.0	5.7	5.4
ARES (PPG-TF-142)	7.0	4.3	5.7	6.0	3.7	4.3	5.7	5.7	5.7	7.0	5.7	5.4
PSG-PO1	7.0	4.0	5.3	6.3	3.3	3.7	5.3	6.0	6.7	7.0	6.0	5.4

TABLE 15. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT MEAD, NE 1/
2014 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	FALL	APR	MAY	QUALITY RATINGS					MEAN
				COLOR OCTOBER			JUN	JUL	AUG	SEP	OCT	
PSG-TT4	6.3	4.7	6.0	5.0	3.7	4.3	5.3	6.0	5.7	7.0	6.0	5.4
COMP. RES. SST	6.0	4.7	5.0	5.0	4.3	4.3	5.3	5.7	5.3	6.7	5.7	5.3
GTO (BURL TF-2)	7.0	3.7	6.0	6.3	3.7	4.0	4.7	6.0	5.7	7.0	6.0	5.3
IS-TF 308 SEL	7.0	3.7	5.7	5.7	3.0	3.7	5.7	5.7	6.3	7.0	6.0	5.3
BLACK TAIL (PPG-TF-150)	6.7	3.7	5.7	6.7	3.3	3.7	5.0	6.0	6.3	7.0	6.0	5.3
PST-5EV2	6.7	4.0	6.0	6.0	3.3	4.0	5.7	6.0	6.0	6.7	5.3	5.3
RAD-TF-83	7.0	4.3	6.0	5.7	3.7	4.3	5.3	5.7	5.7	6.7	6.0	5.3
SALTILLO (PST-5SALT)	6.7	4.3	5.7	5.0	3.7	4.0	5.7	5.7	5.7	6.7	6.0	5.3
W41	7.0	4.3	5.7	6.7	3.7	3.3	5.3	6.0	6.0	6.7	6.0	5.3
204 RES. BLK4	6.0	4.3	4.7	5.7	3.7	4.0	5.3	5.0	5.7	7.0	5.7	5.2
BULLSEYE	7.0	4.3	5.3	6.3	3.7	3.7	5.0	6.0	6.0	6.3	6.0	5.2
F711	7.0	3.7	5.3	7.0	3.3	3.3	5.0	5.7	6.0	7.0	6.0	5.2
FIREBIRD 2	7.0	4.0	5.7	6.0	3.3	3.7	5.7	5.7	6.0	6.7	5.7	5.2
JS 809	7.0	4.3	5.7	5.3	4.0	4.3	5.3	6.0	5.7	6.0	5.3	5.2
JS 825	6.7	4.7	6.0	5.0	4.0	4.0	5.7	6.0	5.3	6.7	5.0	5.2
K12-05	6.7	4.0	5.7	5.7	3.3	3.3	6.0	6.0	5.7	7.0	5.3	5.2
K12-13	7.0	4.3	5.3	5.0	3.7	3.7	5.3	6.0	5.0	6.7	6.0	5.2
PPG-TF-137	7.0	3.7	5.7	6.3	3.3	3.7	4.7	6.0	6.0	7.0	6.0	5.2
REGENERATE	7.0	4.0	5.7	7.0	3.3	3.3	4.3	5.7	7.0	7.0	6.0	5.2
BAR FA 121091	6.7	5.0	5.7	4.3	4.3	4.7	5.7	5.3	5.3	6.0	4.7	5.1
HOT ROD (BURL TF-136)	7.0	4.0	5.7	6.3	3.3	3.7	5.0	5.3	6.0	6.7	5.7	5.1
IS-TF 272	7.0	3.3	5.3	5.7	3.0	3.7	4.3	5.7	6.3	7.0	5.7	5.1
PPG-TF-169	7.0	3.7	6.0	6.3	3.7	3.3	4.7	5.7	6.0	7.0	5.7	5.1
PPG-TF-135	6.7	3.7	5.7	6.7	3.3	3.3	4.3	5.3	6.0	7.0	5.7	5.0
BAR FA 120878	5.7	4.7	6.0	4.3	4.3	4.0	5.0	5.0	4.7	6.0	4.3	4.8
KY-31	4.0	4.7	7.0	3.3	4.0	3.0	4.0	4.0	4.0	5.0	4.0	4.0
LSD VALUE	0.6	2.2	1.4	1.2	1.7	2.4	1.5	1.0	1.0	0.6	0.5	0.6
C.V. (%)	5.3	15.4	8.7	11.3	16.3	18.4	11.9	8.1	8.8	4.9	5.6	5.4

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

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

TABLE 16.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT NORTH BRUNSWICK, NJ 1/
2014 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	QUALITY RATINGS							
				APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
F711	6.3	7.0	8.0	7.0	8.7	8.3	8.7	8.3	9.0	8.0	8.3
MET 1	6.0	7.0	7.3	6.7	8.3	7.3	8.3	8.7	8.7	8.7	8.1
BLACK TAIL (PPG-TF-150)	6.3	6.3	7.7	6.0	8.7	8.7	8.7	8.3	8.3	8.3	8.1
TECHNIQUE (RZ2)	6.3	7.3	7.7	7.3	8.3	7.3	8.7	8.0	8.3	8.7	8.1
TRAVERSE 2 SRP (W45)	7.0	5.3	8.3	6.0	8.7	8.3	9.0	8.7	8.0	8.0	8.1
FIREWALL (PSG-WE1)	6.0	6.3	7.7	6.7	8.3	7.7	9.0	8.0	8.3	8.0	8.0
MERIDIAN (PST-5GRB)	5.0	7.0	8.7	6.7	8.7	8.0	9.0	8.3	7.7	7.7	8.0
HOT ROD (BURL TF-136)	6.7	6.7	7.3	7.0	8.3	8.0	8.3	8.0	7.7	8.0	7.9
HEMI	7.3	6.0	7.3	6.7	9.0	8.3	8.3	7.7	6.0	8.3	7.8
PICK-W43	6.7	7.3	7.0	6.7	7.7	8.7	7.3	8.3	7.3	8.3	7.8
TITANIUM 2LS (PPG-TF-152)	6.7	5.3	7.3	7.0	8.0	7.7	8.7	7.7	7.7	7.7	7.8
REGENERATE	7.3	6.7	8.7	5.3	8.7	8.0	8.0	8.0	8.3	8.3	7.8
B23	7.3	5.7	7.3	5.7	8.3	8.0	8.0	8.3	7.3	8.3	7.7
GTO (BURL TF-2)	6.7	7.3	6.3	8.0	7.0	7.0	8.0	7.7	8.0	8.3	7.7
ROCKWELL (LTP-TWUU)	6.3	7.7	7.3	7.3	7.0	7.3	8.3	8.0	7.3	8.7	7.7
AVENGER II (PPG-TF-156)	6.7	6.7	7.7	5.3	7.7	7.7	9.0	7.7	8.0	8.3	7.7
RAPTOR III (ZW 44)	7.3	6.0	7.3	5.7	9.0	7.3	8.3	8.0	8.0	7.7	7.7
CCR2	7.0	7.0	8.0	5.7	8.0	8.3	8.3	7.7	6.7	8.3	7.6
FIREBIRD 2	7.0	6.3	7.7	7.0	8.0	7.3	8.0	8.0	7.0	8.0	7.6
IS-TF 308 SEL	6.3	5.3	8.3	5.3	8.3	7.7	8.3	8.0	8.0	7.7	7.6
IS-TF 311	7.0	6.3	7.3	7.3	7.3	8.0	8.3	7.3	6.7	8.3	7.6
BIZEM	6.7	7.0	6.7	6.0	7.7	7.7	8.0	7.7	7.0	7.7	7.4
IS-TF 307 SEL	7.3	3.7	7.3	5.7	8.0	7.3	7.7	8.0	7.0	8.0	7.4
PPG-TF-135	6.7	6.7	6.7	6.3	7.3	7.0	8.0	7.7	6.7	9.0	7.4
PPG-TF-172	5.7	4.7	7.0	6.7	7.7	7.3	7.7	8.0	6.3	8.0	7.4
PST-5EV2	6.0	5.7	7.0	5.0	8.3	8.0	7.7	8.0	7.0	7.7	7.4
BULLSEYE	7.0	6.7	6.7	6.7	8.0	6.3	7.3	7.7	7.0	8.3	7.3
DIABLO (IS-TF 330)	8.7	4.0	7.3	5.3	8.7	7.0	7.7	8.0	7.3	7.3	7.3
PPG-TF-137	6.7	5.3	7.7	4.7	8.0	7.0	8.3	7.7	7.3	8.3	7.3
THOR (PPG-TF-157)	7.3	5.7	7.0	5.7	8.0	7.3	8.0	7.3	7.0	7.7	7.3
ROWDY (SRX-TPC)	6.7	4.3	6.7	7.0	8.3	7.7	7.0	7.0	7.3	6.7	7.3
FAYETTE (IS-TF 291)	8.7	5.3	7.7	5.3	8.0	7.0	7.7	7.7	7.0	8.0	7.2
SCREAMER LS (PPG-TF-148)	6.0	7.3	7.3	7.0	6.7	7.0	8.0	6.7	7.0	8.3	7.2
RHAMBLER 2 SRP (LSD)	6.0	4.0	7.0	5.7	8.7	7.7	7.7	6.7	7.3	7.0	7.2
4TH MILLENNIUM SRP (U43)	7.0	7.0	8.3	6.3	7.7	6.3	7.7	7.0	8.0	7.7	7.2
ATF 1612	6.3	6.7	7.0	5.3	7.7	6.7	8.0	8.3	6.3	7.7	7.1
GRANDE 3	5.7	7.7	7.7	6.0	6.3	6.7	8.3	7.3	7.7	7.3	7.1
JS 916	6.7	4.3	7.3	5.3	8.0	7.0	8.0	7.3	7.3	7.0	7.1
RAD-TF-88	8.7	5.0	7.3	5.0	7.7	7.0	8.3	7.0	7.0	7.7	7.1
MAESTRO (T31)	6.3	6.3	6.7	6.3	7.3	6.0	7.0	7.7	7.3	8.0	7.1
REFLECTION (U45)	7.0	4.3	6.7	5.0	7.3	7.7	7.0	7.3	7.7	8.0	7.1
ATF 1704	4.7	6.7	8.0	5.7	6.7	6.3	7.7	8.0	7.0	7.3	7.0
LEONARDO (LTP-FSD)	5.0	6.7	5.7	7.0	8.0	6.3	8.0	6.7	6.3	7.0	7.0
MET 6 SEL	5.7	6.3	7.3	5.3	7.3	6.3	8.0	7.7	7.3	7.3	7.0
FIRECRACKER SLS (PPG-TF-105)	7.0	5.7	6.0	6.3	8.3	7.3	6.3	6.0	6.3	8.3	7.0

TABLE 16.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT NORTH BRUNSWICK, NJ 1/
2014 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	QUALITY RATINGS							
				APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
PPG-TF-170	6.7	6.7	7.0	5.7	8.0	6.0	6.7	8.0	6.3	8.0	7.0
DZ1	7.0	5.3	7.3	5.3	7.0	7.0	8.0	6.3	7.0	7.7	6.9
TURFWAY (IS-TF 282 M2)	8.7	5.7	7.0	5.7	6.7	7.3	8.0	7.0	7.0	6.7	6.9
FOXHOUD (IS-TF 284 M2)	8.7	2.7	6.0	4.7	7.7	7.7	8.0	7.0	6.3	7.0	6.9
IS-TF 289	7.7	3.3	6.3	5.3	7.7	6.7	7.3	7.0	6.7	7.7	6.9
MET-3	6.3	6.0	7.0	5.3	7.7	6.7	7.3	7.0	6.7	7.7	6.9
PPG-TF-169	5.7	6.7	7.0	6.3	7.0	6.0	7.7	7.3	7.0	7.0	6.9
W41	6.3	5.3	7.0	4.3	7.3	7.7	7.3	7.7	5.7	8.0	6.9
ATF 1754	6.0	7.0	6.3	5.3	7.0	7.0	7.7	7.7	5.3	7.3	6.8
FESNOVA	5.7	6.7	6.3	6.7	7.3	7.0	8.0	6.7	5.7	6.0	6.8
IS-TF-287	6.3	6.0	6.3	5.0	7.3	6.3	7.0	7.0	6.7	8.3	6.8
RAD-TF-92	7.0	5.0	7.7	5.0	7.7	6.7	7.0	6.7	6.7	8.0	6.8
IS-TF 269 SEL	7.7	4.3	6.7	6.3	7.0	7.0	7.3	6.7	7.0	5.7	6.7
RAD-TF-89	8.0	5.0	7.0	4.3	7.0	7.0	7.3	6.7	7.0	7.7	6.7
FALCON V	5.0	6.3	6.0	6.0	6.7	7.7	7.7	5.7	5.3	7.0	6.6
IS-TF 305 SEL	7.0	5.0	7.3	5.3	6.7	6.7	7.0	7.3	6.0	7.0	6.6
MICHELANGELO (LTP-F5DPDR)	5.7	5.7	6.3	6.7	7.0	6.7	7.0	6.3	6.3	6.0	6.6
XTENDER (PPG-TF-139)	6.7	5.7	6.7	5.7	7.0	5.7	7.0	7.0	6.0	8.0	6.6
PPG-TF-151	5.7	5.3	6.0	5.3	8.0	6.7	7.3	6.0	6.0	6.7	6.6
ATF 1736	5.3	6.3	6.0	6.7	6.7	6.0	8.3	6.3	5.0	6.3	6.5
HOVER (BURL TF-69)	7.3	6.3	6.3	4.7	6.7	8.0	7.7	6.0	6.0	6.7	6.5
IS-TF 310 SEL	7.3	5.3	7.0	5.3	6.7	6.7	7.3	6.7	6.0	7.0	6.5
PPG-TF-138	6.7	5.3	6.3	6.0	7.0	6.3	6.7	7.0	6.0	6.7	6.5
CATALYST	6.0	6.3	6.3	5.7	6.0	6.7	7.0	6.3	6.7	6.7	6.4
FAITH	7.0	6.7	6.0	6.7	7.0	5.7	7.0	6.3	5.7	6.3	6.4
PST-5DZP	6.3	3.7	6.3	5.7	7.0	6.7	7.0	7.0	5.3	6.3	6.4
SALTILLO (PST-5SALT)	4.3	4.3	5.7	5.7	6.7	6.3	7.3	7.3	5.3	6.0	6.4
204 RES. BLK4	4.7	6.0	7.7	5.3	6.0	5.7	6.7	6.0	5.7	8.0	6.2
PSG-P01	6.3	6.3	7.0	4.3	6.7	5.3	7.0	6.7	6.3	7.3	6.2
KINGDOM (DB1)	8.7	4.3	6.0	5.3	7.0	6.0	6.3	6.0	5.3	6.7	6.1
GO-DFR	7.0	5.0	6.0	5.3	6.3	6.0	7.0	5.7	6.0	6.7	6.1
THUNDERSTRUCK (TD1)	9.0	3.0	5.3	5.3	6.3	6.0	6.3	6.0	6.0	6.7	6.1
IS-TF 272	8.3	4.7	5.7	4.0	6.7	6.0	7.0	6.0	6.3	6.3	6.0
PSG-GSD	5.3	7.0	4.7	7.3	6.3	5.7	6.3	5.3	5.0	6.3	6.0
PST-5BPO	4.3	5.7	5.0	6.0	6.0	5.3	6.7	6.7	5.3	6.0	6.0
PST-5MVD	5.7	7.0	5.0	6.0	6.3	5.3	6.7	5.7	5.0	7.0	6.0
K12-MCD	5.7	5.7	5.7	6.3	6.0	4.7	6.3	5.7	5.0	7.3	5.9
PPG-TF-115	7.0	5.0	5.0	5.3	6.0	5.3	6.7	6.0	5.0	6.7	5.9
DYNAMITE LS (PPG-TF-145)	7.7	4.0	5.7	5.3	6.3	5.3	6.3	5.7	5.3	6.7	5.9
IS-TF 276 M2	7.0	3.7	5.0	4.7	6.3	5.3	7.3	5.7	5.0	6.0	5.8
IS-TF 285	7.7	5.0	6.3	5.0	7.3	5.7	6.0	6.3	3.7	6.7	5.8
K12-05	8.7	2.7	6.3	3.7	6.3	5.3	6.3	5.7	5.3	7.3	5.7
ARES (PPG-TF-142)	8.3	3.7	5.7	4.7	6.7	6.0	5.7	5.7	5.7	5.7	5.7
PST-5BRK	4.0	6.3	4.0	6.3	6.3	5.3	6.3	5.3	4.3	5.7	5.7
SWAGGER (PST-5R05)	5.0	6.7	5.7	5.7	6.0	5.3	6.7	5.3	5.0	5.7	5.7

TABLE 16. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT NORTH BRUNSWICK, NJ 1/
2014 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	APR	MAY	QUALITY RATINGS					MEAN
						JUN	JUL	AUG	SEP	OCT	
CAESAR (TY 10)	7.7	6.3	5.7	5.0	5.7	6.0	5.7	5.3	5.3	6.0	5.6
BAR FA 121095	7.0	3.0	5.3	3.7	5.7	5.0	7.3	5.7	5.7	5.3	5.5
RAIN DANCE (PST-5SDT)	4.7	6.7	5.3	5.3	5.3	5.0	6.7	6.0	4.3	5.7	5.5
JS 818	7.7	4.0	5.0	4.7	6.3	4.7	6.3	5.7	5.3	4.7	5.4
RAD-TF-83	8.3	4.3	5.7	4.0	6.3	5.7	6.0	5.0	4.7	6.3	5.4
TEMPTATION (OR-21)	8.0	5.3	5.7	4.7	5.7	5.0	6.3	5.3	5.3	5.3	5.4
TERRANO	6.3	4.7	5.7	4.7	6.3	5.3	5.0	5.0	5.3	6.3	5.4
COMP. RES. SST	6.3	3.7	7.0	4.0	5.3	4.7	6.0	6.0	5.0	6.3	5.3
JS 809	7.3	3.0	5.3	3.7	5.0	6.0	6.3	5.7	5.3	5.0	5.3
PSG-8BP2	6.0	6.0	4.7	6.0	6.0	4.3	5.3	4.7	4.7	6.0	5.3
K12-13	6.7	1.0	5.7	4.0	5.7	4.7	6.0	5.0	5.3	6.0	5.2
FALCON IV	6.3	6.3	4.7	5.3	5.3	5.7	4.7	4.7	4.0	5.7	5.0
MARAUDER	5.3	3.0	5.7	4.0	6.0	5.3	5.7	4.7	3.7	5.3	5.0
PSG-TT4	4.7	6.3	4.7	6.0	4.0	4.7	6.0	4.3	4.3	5.3	5.0
PST-5EX2	3.0	8.3	4.3	6.0	3.7	4.7	6.0	4.3	3.7	6.0	4.9
ANNIHILATOR	6.0	4.3	5.7	4.3	5.0	4.3	5.7	4.7	4.0	5.3	4.8
INSPIRATION (PST-R5NW)	5.0	6.0	3.3	5.3	4.7	4.7	5.3	5.0	3.3	5.0	4.8
FRONTLINE (EXP TF-09)	8.7	4.7	4.7	4.7	5.7	4.3	5.0	4.7	3.7	4.0	4.6
JS 819	7.7	3.3	4.3	3.0	5.0	4.7	5.7	4.7	3.7	5.3	4.6
AQUADUCT	5.0	4.3	4.3	5.0	3.7	4.3	4.3	4.3	4.0	4.3	4.3
BAR FA 121089	6.3	4.3	4.0	3.7	4.0	4.7	4.7	4.0	4.0	4.0	4.1
BAR FA 121091	6.0	3.3	3.7	3.3	4.0	3.7	4.7	3.7	3.7	4.7	4.0
JS 825	6.7	2.0	3.7	3.3	4.3	4.0	4.7	3.7	4.0	4.3	4.0
WARHAWK	6.0	3.0	5.7	3.3	4.3	4.0	4.7	4.0	3.3	3.7	3.9
BAR FA 120878	2.3	5.7	2.3	2.0	2.0	2.0	2.3	2.0	1.0	2.0	1.9
KY-31	1.0	9.0	1.3	1.7	1.7	1.7	2.0	1.0	1.0	1.0	1.4
LSD VALUE	1.2	1.6	1.2	1.9	1.4	1.5	1.7	1.3	1.4	1.6	0.9
C.V. (%)	12.6	19.1	12.2	20.4	13.1	15.1	15.2	13.6	15.2	14.8	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 17.

PERCENT TURFGRASS FULLNESS OF CANOPY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT NORTH BRUNSWICK (TRAFFIC STUDY), NJ 1/
2014 DATA

TURFGRASS COVER UNIFORMITY RATINGS 1-9; 9=MOST DENSE, UNIFORM TURF COVER 2/ */

NAME	BEFORE TRAFFIC ON APRIL 16		AFTER TRAFFIC IN SPRING (JUNE 3)		BEFORE TRAFFIC ON JULY 1							
	UNIFORMITY	FULLNESS OF CANOPY	UNIFORMITY	FULLNESS OF CANOPY	UNIFORMITY	FULLNESS OF CANOPY						
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC						
HOT ROD (BURL TF-136)	8.3	8.3	83.3	76.7	9.0	6.7	93.3	75.0	9.0	7.0	95.0	71.7
REGENERATE	7.0	6.0	81.7	66.7	9.0	6.3	93.3	68.3	9.0	7.0	95.0	75.0
TECHNIQUE (RZ2)	8.0	8.0	83.3	83.3	9.0	8.0	93.3	78.3	9.0	9.0	95.0	88.3
4TH MILLENNIUM SRP (U43)	7.7	8.3	78.3	80.0	9.0	7.3	91.7	71.7	9.0	7.3	93.3	78.3
CATALYST	8.0	7.3	78.3	78.3	9.0	7.0	88.3	66.7	8.7	6.7	91.7	73.3
B23	8.0	7.7	78.3	73.3	9.0	7.3	93.3	76.7	9.0	7.0	95.0	73.3
COMP. RES. SST	6.0	6.0	68.3	65.0	8.0	4.7	83.3	53.3	8.3	7.0	86.7	75.0
HEMI	8.0	7.7	81.7	78.3	9.0	7.3	93.3	80.0	9.0	7.3	95.0	76.7
IS-TF 311	8.3	8.3	81.7	76.7	9.0	7.0	93.3	70.0	9.0	6.3	95.0	71.7
RAD-TF-92	6.3	6.3	65.0	68.3	8.7	6.7	90.0	66.7	9.0	7.0	93.3	71.7
RAPTOR III (ZW 44)	8.0	8.0	78.3	80.0	9.0	7.7	90.0	73.3	9.0	6.7	93.3	76.7
REFLECTION (U45)	7.0	7.0	75.0	71.7	9.0	7.0	91.7	76.7	9.0	7.3	93.3	76.7
AVENGER II (PPG-TF-156)	6.7	7.7	66.7	80.0	8.7	7.3	91.7	73.3	8.7	7.7	91.7	80.0
RAD-TF-88	6.7	6.7	70.0	66.7	8.7	6.3	93.3	65.0	9.0	7.3	90.0	73.3
ATF 1704	7.7	8.3	80.0	78.3	8.7	7.0	90.0	73.3	9.0	7.7	83.3	80.0
F711	7.7	8.0	83.3	75.0	9.0	6.3	93.3	68.3	9.0	7.7	95.0	76.7
IS-TF 310 SEL	7.0	7.7	76.7	75.0	8.7	6.0	90.0	65.0	9.0	6.3	93.3	75.0
DIABLO (IS-TF 330)	7.0	6.7	75.0	75.0	9.0	6.7	93.3	65.0	9.0	6.7	93.3	71.7
IS-TF-287	7.0	7.7	70.0	70.0	9.0	6.3	88.3	63.3	8.7	6.3	85.0	70.0
JS 916	7.3	7.0	73.3	70.0	9.0	7.0	90.0	73.3	9.0	6.3	95.0	75.0
PPG-TF-172	7.7	7.3	76.7	75.0	8.7	6.3	91.7	63.3	9.0	7.0	93.3	75.0
FIREWALL (PSG-WE1)	8.0	8.7	83.3	76.7	9.0	6.7	93.3	73.3	9.0	7.3	93.3	81.7
RAD-TF-89	6.0	6.3	71.7	73.3	8.7	6.0	91.7	65.0	8.7	6.7	95.0	76.7
RHAMBLER 2 SRP (LSD)	6.7	7.3	68.3	75.0	8.7	7.0	88.3	66.7	9.0	7.0	90.0	73.3
TITANIUM 2LS (PPG-TF-152)	7.3	7.7	78.3	80.0	9.0	7.0	93.3	75.0	9.0	8.0	93.3	80.0
GRANDE 3	8.0	8.0	81.7	78.3	8.3	6.0	93.3	76.7	9.0	6.7	93.3	70.0
FAYETTE (IS-TF 291)	7.3	7.3	76.7	76.7	8.3	5.7	86.7	56.7	9.0	7.7	91.7	71.7
IS-TF 308 SEL	7.0	8.0	76.7	81.7	8.7	6.3	90.0	65.0	9.0	6.0	93.3	75.0
PPG-TF-138	7.7	7.3	83.3	75.0	8.7	5.3	90.0	61.7	9.0	6.7	90.0	66.7
SCREAMER LS (PPG-TF-148)	8.0	8.3	85.0	81.7	9.0	6.3	88.3	70.0	9.0	7.7	93.3	76.7
MAESTRO (T31)	8.0	7.3	83.3	75.0	8.7	5.7	90.0	61.7	8.7	6.0	93.3	66.7
204 RES. BLK4	6.7	7.0	68.3	73.3	8.3	5.0	86.7	61.7	9.0	7.0	88.3	66.7
BAR FA 121095	5.3	5.7	58.3	61.7	8.3	6.0	86.7	66.7	8.7	7.0	90.0	75.0
FALCON V	7.0	7.0	80.0	73.3	9.0	6.7	90.0	63.3	9.0	7.3	93.3	75.0
GO-DFR	7.3	7.3	73.3	73.3	9.0	5.7	90.0	63.3	9.0	7.3	86.7	68.3
PICK-W43	8.0	8.3	80.0	76.7	9.0	6.0	95.0	68.3	9.0	6.7	93.3	68.3
PSG-8BP2	7.7	7.7	75.0	73.3	7.7	5.7	81.7	60.0	8.7	6.7	85.0	68.3
ATF 1754	8.3	8.3	78.3	80.0	8.7	5.3	91.7	71.7	9.0	7.0	88.3	73.3
FIREBIRD 2	7.7	8.0	71.7	83.3	9.0	8.0	91.7	75.0	9.0	8.0	95.0	80.0
GTO (BURL TF-2)	8.0	8.3	80.0	80.0	8.7	6.7	90.0	63.3	9.0	7.0	86.7	73.3
IS-TF 269 SEL	7.3	7.3	80.0	75.0	8.3	5.3	90.0	56.7	9.0	6.0	95.0	66.7
IS-TF 289	6.7	7.0	76.7	75.0	9.0	7.0	91.7	65.0	9.0	6.3	93.3	68.3
MET 1	8.0	8.0	85.0	86.7	9.0	5.7	95.0	71.7	9.0	7.0	95.0	68.3
XTENDER (PPG-TF-139)	7.3	8.0	73.3	76.7	8.7	7.0	95.0	75.0	8.7	8.0	93.3	80.0
BLACK TAIL (PPG-TF-150)	6.7	6.3	80.0	71.7	9.0	6.0	95.0	70.0	9.0	7.3	95.0	70.0

TABLE 17. (CONT'D)

PERCENT TURFGRASS FULLNESS OF CANOPY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT NORTH BRUNSWICK (TRAFFIC STUDY), NJ 1/
2014 DATA

TURFGRASS COVER UNIFORMITY RATINGS 1-9; 9=MOST DENSE, UNIFORM TURF COVER 2/ */

NAME	BEFORE TRAFFIC ON APRIL 16				AFTER TRAFFIC IN SPRING (JUNE 3)				BEFORE TRAFFIC ON JULY 1			
	UNIFORMITY		FULLNESS OF CANOPY		UNIFORMITY		FULLNESS OF CANOPY		UNIFORMITY		FULLNESS OF CANOPY	
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
CCR2	7.7	8.3	80.0	83.3	9.0	7.0	93.3	75.0	9.0	7.3	91.7	73.3
FOXHOUND (IS-TF 284 M2)	6.3	6.7	66.7	66.7	8.7	6.3	90.0	55.0	9.0	6.7	91.7	75.0
K12-05	5.3	5.7	60.0	56.7	8.0	4.3	83.3	48.3	8.7	5.0	88.3	58.3
MET 6 SEL	7.3	7.3	78.3	75.0	8.7	6.0	88.3	66.7	9.0	6.3	93.3	80.0
PPG-TF-135	8.7	8.0	85.0	83.3	9.0	7.3	95.0	71.7	9.0	8.3	93.3	81.7
PST-5BPO	8.0	7.7	78.3	76.7	8.3	6.7	88.3	66.7	8.0	7.0	90.0	76.7
W41	6.3	6.7	70.0	68.3	8.7	6.7	91.7	68.3	8.7	6.3	91.7	75.0
DZ1	7.3	7.3	75.0	76.7	9.0	7.3	88.3	71.7	8.7	7.0	91.7	71.7
IS-TF 307 SEL	7.0	7.3	75.0	78.3	9.0	6.3	90.0	61.7	9.0	6.3	91.7	66.7
K12-13	5.0	5.7	50.0	53.3	8.7	5.0	85.0	53.3	8.7	6.0	91.7	75.0
FIRECRACKER SLS (PPG-TF-105)	7.3	7.3	81.7	78.3	8.7	5.7	93.3	55.0	9.0	6.7	91.7	70.0
PPG-TF-169	7.0	6.7	78.3	76.7	8.3	5.7	90.0	58.3	9.0	6.7	91.7	66.7
PPG-TF-170	7.3	7.7	76.7	78.3	9.0	5.7	93.3	61.7	8.7	7.0	93.3	71.7
PSG-P01	7.3	8.0	75.0	71.7	8.7	5.0	85.0	63.3	8.0	5.0	86.7	55.0
PST-5EX2	9.0	9.0	83.3	85.0	8.0	6.0	75.0	58.3	8.0	7.0	85.0	70.0
ATF 1736	8.0	8.0	78.3	75.0	8.3	5.7	88.3	66.7	8.7	6.7	93.3	66.7
BULLSEYE	7.7	7.7	80.0	75.0	9.0	5.7	91.7	61.7	8.7	6.0	90.0	66.7
HOVER (BURL TF-69)	7.0	7.0	73.3	70.0	8.7	5.3	93.3	58.3	9.0	5.3	91.7	66.7
IS-TF 285	7.0	7.7	73.3	76.7	8.3	6.3	86.7	68.3	8.7	7.3	90.0	76.7
JS 819	5.7	6.7	65.0	70.0	8.0	5.7	81.7	61.7	7.3	5.7	80.0	71.7
PSG-GSD	8.3	8.0	78.3	76.7	8.3	6.7	86.7	70.0	8.7	7.3	93.3	75.0
PST-5EV2	7.3	7.7	73.3	71.7	8.7	7.0	93.3	75.0	9.0	8.7	95.0	80.0
MERIDIAN (PST-5GRB)	8.3	8.3	80.0	76.7	8.7	7.7	93.3	73.3	9.0	8.3	93.3	78.3
RAD-TF-83	6.0	7.3	65.0	71.7	8.0	5.0	78.3	63.3	8.3	5.7	85.0	65.0
ROWDY (SRX-TPC)	7.3	7.3	78.3	70.0	9.0	6.0	90.0	61.7	8.7	7.0	93.3	71.7
ANNIHILATOR	6.7	7.0	70.0	68.3	8.3	5.7	85.0	56.7	8.3	6.3	81.7	70.0
ATF 1612	6.7	7.7	75.0	76.7	9.0	6.3	90.0	68.3	9.0	7.0	90.0	71.7
BAR FA 121089	5.3	6.0	63.3	66.7	7.7	4.7	76.7	55.0	7.0	5.7	85.0	68.3
CAESAR (TY 10)	7.7	7.7	76.7	71.7	8.3	5.3	81.7	50.0	8.3	5.7	86.7	63.3
IS-TF 272	6.7	7.0	68.3	68.3	8.3	4.0	86.7	53.3	8.7	6.3	88.3	65.0
IS-TF 276 M2	6.7	7.0	55.0	63.3	8.0	5.0	85.0	61.7	8.7	6.0	85.0	61.7
K12-MCD	8.0	8.0	80.0	81.7	8.3	4.7	83.3	53.3	8.7	6.7	86.7	73.3
MET-3	7.0	7.3	71.7	78.3	8.7	6.0	93.3	71.7	9.0	7.3	91.7	71.7
PPG-TF-137	6.3	7.0	73.3	80.0	8.7	6.7	86.7	65.0	9.0	7.3	95.0	78.3
PST-5DZP	7.0	7.3	68.3	68.3	8.7	6.3	86.7	61.7	8.3	7.3	86.7	70.0
WARHAWK	5.7	6.3	58.3	58.3	7.0	5.0	78.3	48.3	7.7	5.3	80.0	68.3
AQUADUCT	6.7	6.7	73.3	68.3	8.0	5.7	80.0	56.7	7.3	6.7	81.7	73.3
BAR FA 120878	5.3	5.3	50.0	50.0	6.3	4.3	68.3	45.0	6.3	6.0	73.3	63.3
BIZEM	7.7	8.0	78.3	81.7	9.0	6.0	90.0	70.0	9.0	8.3	90.0	78.3
TURFWAY (IS-TF 282 M2)	7.7	7.3	80.0	75.0	8.7	6.0	88.3	60.0	9.0	6.3	90.0	68.3
MICHELANGELO (LTP-F5DPDR)	7.7	7.3	76.7	73.3	8.3	5.3	88.3	65.0	8.7	6.7	91.7	73.3
MARAUDER	6.3	5.7	61.7	58.3	7.7	3.3	81.7	43.3	8.0	5.7	85.0	63.3
PST-5MVD	6.7	7.7	70.0	76.7	8.3	5.7	88.3	58.3	8.7	7.0	86.7	73.3
SWAGGER (PST-5R05)	7.0	7.7	75.0	78.3	8.3	6.0	88.3	55.0	8.3	7.0	86.7	73.3
ARES (PPG-TF-142)	7.0	8.0	71.7	75.0	8.7	4.7	85.0	50.0	8.7	6.3	90.0	71.7

TABLE 17. (CONT'D)

PERCENT TURFGRASS FULLNESS OF CANOPY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT NORTH BRUNSWICK (TRAFFIC STUDY), NJ 1/
2014 DATA

TURFGRASS COVER UNIFORMITY RATINGS 1-9; 9=MOST DENSE 2/

TURFGRASS COVER UNIFORMITY RATINGS 1-9; 9=MOST DENSE, UNIFORM TURF COVER 2/ */

NAME	BEFORE TRAFFIC ON APRIL 16				AFTER TRAFFIC IN SPRING (JUNE 3)				BEFORE TRAFFIC ON JULY 1			
	UNIFORMITY		FULLNESS OF CANOPY		UNIFORMITY		FULLNESS OF CANOPY		UNIFORMITY		FULLNESS OF CANOPY	
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
FAITH	7.3	7.0	80.0	75.0	9.0	5.0	91.7	56.7	8.7	6.7	93.3	71.7
IS-TF 305 SEL	6.7	7.3	75.0	73.3	8.7	6.0	88.3	66.7	8.7	6.7	90.0	70.0
JS 809	5.3	6.0	58.3	65.0	7.7	4.3	85.0	51.7	8.3	6.3	86.7	63.3
JS 818	6.3	6.3	66.7	66.7	8.0	5.0	85.0	53.3	8.3	6.7	86.7	65.0
ROCKWELL (LTP-TWUU)	8.7	8.7	80.0	85.0	9.0	7.0	95.0	75.0	9.0	7.3	93.3	75.0
PSG-TT4	7.3	8.0	78.3	78.3	7.7	5.7	78.3	58.3	8.3	7.0	88.3	71.7
TRAVERSE 2 SRP (W45)	7.3	7.3	81.7	80.0	9.0	7.0	93.3	73.3	9.0	7.3	95.0	73.3
LEONARDO (LTP-FSD)	8.0	7.3	78.3	78.3	8.3	5.0	88.3	56.7	8.7	6.0	90.0	65.0
PPG-TF-115	7.0	7.7	73.3	75.0	8.0	5.7	83.3	53.3	8.7	6.7	91.7	70.0
DYNAMITE LS (PPG-TF-145)	7.0	7.0	71.7	71.7	8.3	5.7	88.3	58.3	8.7	6.3	86.7	65.0
PPG-TF-151	7.0	6.7	73.3	70.0	8.3	5.0	90.0	61.7	8.7	7.0	90.0	80.0
THOR (PPG-TF-157)	7.7	7.3	78.3	73.3	8.7	5.7	91.7	58.3	9.0	5.7	90.0	63.3
RAIN DANCE (PST-5SDT)	7.3	8.3	76.7	76.7	8.0	5.7	86.7	56.7	8.7	7.0	86.7	75.0
KINGDOM (DB1)	7.0	6.7	68.3	71.7	9.0	6.0	93.3	61.7	8.7	6.7	90.0	68.3
INSPIRATION (PST-R5NW)	7.3	6.7	75.0	71.7	8.0	5.7	81.7	58.3	8.0	6.7	86.7	68.3
SALTILLO (PST-5SALT)	6.7	7.0	73.3	73.3	8.7	6.0	86.7	56.7	8.7	7.0	93.3	68.3
THUNDERSTRUCK (TD1)	6.3	6.3	63.3	63.3	8.3	5.7	88.3	58.3	8.3	6.0	85.0	70.0
BAR FA 121091	6.0	6.3	61.7	61.7	7.0	4.0	78.3	43.3	7.7	6.0	78.3	63.3
FALCON IV	7.0	7.7	76.7	75.0	8.0	6.0	85.0	61.7	8.7	7.0	86.7	66.7
PST-5BRK	7.3	8.0	71.7	78.3	8.7	6.3	88.3	60.0	8.7	7.0	88.3	65.0
TERRANO	7.0	7.3	71.7	71.7	7.7	4.7	81.7	55.0	8.7	6.3	85.0	71.7
FESNOVA	7.7	7.0	78.3	71.7	8.7	6.3	88.3	60.0	9.0	6.0	95.0	73.3
FRONTLINE (EXP TF-09)	6.7	7.0	71.7	65.0	8.0	5.0	76.7	46.7	7.3	5.0	76.7	53.3
TEMPTATION (OR-21)	6.7	7.0	68.3	71.7	7.7	4.7	81.7	45.0	7.7	5.3	83.3	63.3
JS 825	5.3	5.7	56.7	56.7	7.0	3.7	70.0	41.7	7.3	6.0	78.3	60.0
KY-31	5.3	5.3	56.7	53.3	6.3	3.7	63.3	38.3	6.3	5.0	63.3	50.0
LSD VALUE	1.7	1.6	12.8	11.5	0.7	2.3	7.3	18.4	0.7	2.1	6.1	16.9
C.V. (%)	12.7	11.7	10.0	9.2	5.3	19.2	5.2	15.7	5.0	14.6	4.3	11.0

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

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

*/ TRAFFIC WAS APPLIED AS ONE PASS PER WEEK OF THE CADY TRAFFIC SIMULATOR (CTS) AND ONE PASS PER WEEK OF THE RUTGERS WEAR SIMULATOR (RWS) WERE MADE FOR EIGHT WEEKS (16 TOTAL PASSES) IN SPRING, SUMMER AND FALL.

TABLE 17. (CONT'D)

PERCENT TURFGRASS FULLNESS OF CANOPY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT NORTH BRUNSWICK (TRAFFIC STUDY), NJ 1/
2014 DATA

TURFGRASS COVER UNIFORMITY RATINGS 1-9; 9=MOST DENSE, UNIFORM TURF COVER 2/ */

NAME	AFTER TRAFFIC IN SUMMER (AUGUST 19)				BEFORE TRAFFIC ON SEPTEMBER 15				AFTER TRAFFIC IN FALL (NOVEMBER 11)			
	UNIFORMITY		FULLNESS OF CANOPY		UNIFORMITY		FULLNESS OF CANOPY		UNIFORMITY		FULLNESS OF CANOPY	
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC
HOT ROD (BURL TF-136)	9.0	5.3	96.3	58.3	9.0	6.7	93.3	66.7	9.0	5.7	93.3	61.7
REGENERATE	9.0	6.0	94.7	65.0	9.0	6.7	94.7	71.7	9.0	6.3	95.0	61.7
TECHNIQUE (RZ2)	9.0	7.0	99.0	68.3	9.0	6.7	93.0	68.3	9.0	6.3	93.3	61.7
4TH MILLENNIUM SRP (U43)	9.0	6.0	91.7	60.0	9.0	6.3	93.3	65.0	9.0	6.0	93.3	60.0
CATALYST	9.0	5.7	88.3	58.3	8.7	6.7	90.0	70.0	9.0	6.3	93.3	60.0
B23	9.0	6.7	93.3	70.0	9.0	7.0	94.7	73.3	9.0	5.7	93.3	58.3
COMP. RES. SST	9.0	5.3	85.0	58.3	8.3	6.0	85.0	65.0	9.0	6.0	91.7	58.3
HEMI	9.0	6.7	96.3	66.7	9.0	7.3	94.7	75.0	9.0	6.3	93.3	56.7
IS-TF 311	9.0	6.0	93.3	61.7	9.0	6.7	91.7	66.7	9.0	5.7	93.3	56.7
RAD-TF-92	9.0	6.3	90.0	60.0	9.0	7.0	93.3	71.7	9.0	5.3	91.7	56.7
RAPTOR III (ZW 44)	9.0	6.0	93.3	56.7	9.0	6.7	96.0	68.3	9.0	6.0	93.3	56.7
REFLECTION (U45)	9.0	6.7	93.0	65.0	9.0	7.7	96.0	80.0	9.0	6.7	93.3	56.7
AVENGER II (PPG-TF-156)	9.0	7.0	95.0	70.0	9.0	6.7	93.3	70.0	9.0	5.7	93.3	55.0
RAD-TF-88	8.7	6.0	93.3	61.7	9.0	6.3	93.3	68.3	9.0	5.7	93.3	55.0
ATF 1704	9.0	6.7	94.7	71.7	9.0	7.7	96.3	76.7	9.0	5.0	95.0	53.3
F711	9.0	5.7	91.7	58.3	9.0	6.3	96.0	66.7	9.0	6.3	95.0	53.3
IS-TF 310 SEL	9.0	6.3	95.0	61.7	9.0	6.3	94.7	65.0	9.0	6.0	90.0	53.3
DIABLO (IS-TF 330)	9.0	6.0	91.7	63.3	9.0	6.7	91.7	70.0	9.0	5.3	95.0	53.3
IS-TF-287	8.7	6.0	90.0	58.3	9.0	6.7	91.7	68.3	9.0	5.7	91.7	53.3
JS 916	9.0	6.7	93.3	65.0	9.0	6.3	91.7	68.3	9.0	5.7	93.3	53.3
PPG-TF-172	9.0	5.7	95.0	60.0	9.0	6.0	90.0	61.7	9.0	5.0	95.0	53.3
FIREWALL (PSG-WE1)	9.0	6.7	95.0	61.7	9.0	6.7	94.7	70.0	9.0	5.7	95.0	53.3
RAD-TF-89	9.0	6.0	93.3	58.3	8.7	6.7	88.3	70.0	9.0	6.0	91.7	53.3
RHAMBLER 2 SRP (LSD)	8.7	5.7	93.3	53.3	8.7	6.0	91.3	60.0	9.0	6.3	88.3	53.3
TITANIUM 2LS (PPG-TF-152)	9.0	5.7	95.0	61.7	9.0	6.3	91.7	66.7	9.0	5.3	93.3	53.3
GRANDE 3	9.0	4.3	93.3	51.7	8.7	6.7	93.0	68.3	9.0	5.7	90.0	51.7
FAYETTE (IS-TF 291)	9.0	5.0	91.7	51.7	8.7	6.0	90.0	63.3	9.0	5.7	93.3	51.7
IS-TF 308 SEL	9.0	5.0	91.7	55.0	9.0	5.7	95.0	58.3	9.0	5.3	93.3	51.7
PPG-TF-138	8.3	5.7	91.7	55.0	9.0	6.0	91.7	63.3	9.0	4.7	88.3	51.7
SCREAMER LS (PPG-TF-148)	8.7	5.3	93.3	60.0	9.0	6.7	93.3	68.3	9.0	5.3	93.3	51.7
MAESTRO (T31)	9.0	4.7	95.0	53.3	9.0	6.7	96.3	66.7	9.0	5.3	91.7	51.7
204 RES. BLK4	8.3	4.7	88.3	48.3	8.7	5.7	88.3	56.7	9.0	5.3	93.3	50.0
BAR FA 121095	9.0	6.3	93.3	65.0	8.0	6.7	81.7	68.3	8.7	5.0	85.0	50.0
FALCON V	9.0	5.7	95.0	61.7	9.0	6.3	91.7	68.3	9.0	4.7	93.3	50.0
GO-DFR	8.7	5.3	90.0	61.7	9.0	6.0	91.7	61.7	8.3	4.3	90.0	50.0
PICK-W43	9.0	4.7	91.7	48.3	9.0	6.3	93.3	66.7	9.0	5.3	90.0	50.0
PSG-8BP2	8.0	5.0	85.0	51.7	8.3	6.3	86.7	68.3	7.7	5.0	81.7	50.0
ATF 1754	9.0	5.7	93.3	56.7	8.7	6.3	90.0	66.7	9.0	4.7	91.7	48.3
FIREBIRD 2	8.7	6.0	95.0	65.0	9.0	6.7	94.7	70.0	9.0	4.7	93.3	48.3
GTO (BURL TF-2)	9.0	7.0	91.7	70.0	9.0	7.0	94.7	75.0	9.0	4.7	91.7	48.3
IS-TF 269 SEL	9.0	5.0	95.0	55.0	9.0	6.0	90.0	60.0	9.0	5.0	91.7	48.3
IS-TF 289	9.0	5.7	93.3	60.0	8.7	5.7	88.3	60.0	9.0	4.7	90.0	48.3
MET 1	9.0	5.7	94.7	65.0	9.0	6.3	96.3	66.7	9.0	5.0	95.0	48.3
XTENDER (PPG-TF-139)	9.0	5.3	91.7	53.3	8.7	6.0	91.3	65.0	8.7	4.7	90.0	48.3
BLACK TAIL (PPG-TF-150)	9.0	4.7	93.3	50.0	9.0	5.7	97.7	56.7	8.7	5.0	91.7	48.3

TABLE 17. (CONT'D)

PERCENT TURFGRASS FULLNESS OF CANOPY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT NORTH BRUNSWICK (TRAFFIC STUDY), NJ 1/
2014 DATA

TURFGRASS COVER UNIFORMITY RATINGS 1-9; 9=MOST DENSE, UNIFORM TURF COVER 2/ */

NAME	AFTER TRAFFIC IN SUMMER (AUGUST 19)		BEFORE TRAFFIC ON SEPTEMBER 15		AFTER TRAFFIC IN FALL (NOVEMBER 11)							
	UNIFORMITY	FULLNESS OF CANOPY	UNIFORMITY	FULLNESS OF CANOPY	UNIFORMITY	FULLNESS OF CANOPY						
	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC	NO TRAFFIC	TRAFFIC						
CCR2	9.0	4.0	91.7	50.0	9.0	6.0	91.7	61.7	8.7	4.0	93.3	46.7
FOXHOUND (IS-TF 284 M2)	9.0	6.0	91.7	53.3	9.0	6.0	90.0	61.7	9.0	4.7	90.0	46.7
K12-05	8.7	4.3	86.7	46.7	8.7	6.0	88.3	61.7	9.0	4.0	90.0	46.7
MET 6 SEL	9.0	5.3	96.3	53.3	8.7	5.7	90.0	56.7	8.7	5.0	91.7	46.7
PPG-TF-135	9.0	6.0	93.3	65.0	9.0	6.3	94.7	66.7	9.0	5.0	93.3	46.7
PST-5BPO	8.7	6.3	90.0	65.0	8.7	6.7	90.0	70.0	8.7	4.7	81.7	46.7
W41	9.0	4.3	90.0	45.0	9.0	5.3	93.3	55.0	8.7	4.3	91.7	46.7
DZ1	9.0	6.0	93.0	61.7	9.0	6.3	90.0	68.3	9.0	5.0	91.7	45.0
IS-TF 307 SEL	9.0	5.7	94.7	61.7	9.0	6.0	90.0	65.0	9.0	4.7	93.3	45.0
K12-13	8.7	4.7	88.3	50.0	8.7	6.0	90.0	63.3	8.7	4.7	88.3	45.0
FIRECRACKER SLS (PPG-TF-105)	9.0	4.7	91.7	45.0	8.7	5.3	90.0	53.3	9.0	4.3	91.7	45.0
PPG-TF-169	9.0	4.3	93.0	50.0	8.7	5.3	90.0	56.7	9.0	5.3	90.0	45.0
PPG-TF-170	9.0	5.7	91.7	55.0	8.7	6.3	90.0	66.7	9.0	4.3	91.7	45.0
PSG-P01	8.7	3.3	93.3	45.0	9.0	6.7	93.3	68.3	9.0	4.3	90.0	45.0
PST-5EX2	8.0	5.7	86.7	60.0	8.7	6.7	86.7	71.7	8.0	4.7	81.7	45.0
ATF 1736	8.0	5.3	91.7	58.3	8.7	6.7	90.0	68.3	9.0	5.0	91.7	43.3
BULLSEYE	9.0	4.7	91.7	45.0	9.0	6.0	91.7	61.7	9.0	4.3	91.7	43.3
HOVER (BURL TF-69)	9.0	6.7	95.0	70.0	9.0	6.7	91.7	71.7	9.0	5.3	90.0	43.3
IS-TF 285	8.7	5.0	91.7	51.7	8.7	6.3	90.0	66.7	9.0	4.3	88.3	43.3
JS 819	8.0	5.3	86.7	61.7	8.0	5.3	81.7	56.7	8.7	4.3	78.3	43.3
PSG-GSD	8.7	6.3	88.3	61.7	8.7	6.7	90.0	70.0	8.0	4.0	85.0	43.3
PST-5EV2	8.7	5.3	95.0	60.0	9.0	6.7	96.0	68.3	9.0	5.0	90.0	43.3
MERIDIAN (PST-5GRB)	9.0	6.7	94.7	66.7	9.0	7.0	94.7	73.3	9.0	5.3	90.0	43.3
RAD-TF-83	8.3	5.0	86.7	46.7	8.3	6.3	85.0	65.0	8.3	4.0	88.3	43.3
ROWDY (SRX-TPC)	9.0	5.3	95.0	55.0	8.7	7.0	90.0	70.0	8.7	4.0	88.3	43.3
ANNIHILATOR	8.3	5.0	83.3	61.7	8.0	5.7	81.7	60.0	8.3	4.7	90.0	41.7
ATF 1612	9.0	4.7	90.0	50.0	9.0	6.3	96.3	61.7	9.0	4.3	90.0	41.7
BAR FA 121089	8.3	5.3	85.0	55.0	7.7	5.0	80.0	51.7	8.0	4.3	78.3	41.7
CAESAR (TY 10)	8.3	4.3	85.0	48.3	8.7	6.0	88.3	65.0	8.3	4.3	86.7	41.7
IS-TF 272	8.3	4.0	91.7	53.3	9.0	6.0	90.0	58.3	9.0	4.3	91.7	41.7
IS-TF 276 M2	8.0	4.0	83.3	50.0	8.0	6.0	85.0	63.3	8.7	4.0	85.0	41.7
K12-MCD	8.7	5.3	90.0	56.7	8.7	6.7	90.0	68.3	9.0	4.0	90.0	41.7
MET-3	8.7	4.3	91.7	50.0	9.0	5.7	95.0	60.0	8.7	4.3	93.3	41.7
PPG-TF-137	9.0	6.3	93.3	61.7	9.0	6.7	91.7	68.3	9.0	4.3	93.3	41.7
PST-5DZP	8.7	4.7	91.7	48.3	8.7	6.7	90.0	70.0	8.7	3.7	81.7	41.7
WARHAWK	8.0	4.7	81.7	51.7	7.3	5.7	78.3	61.7	8.0	3.7	80.0	41.7
AQUADUCT	8.0	6.3	85.0	58.3	8.3	6.3	85.0	63.3	8.7	4.3	86.7	40.0
BAR FA 120878	7.0	5.3	70.0	48.3	6.3	4.3	66.7	45.0	7.0	4.3	63.3	40.0
BIZEM	9.0	4.7	95.0	56.7	9.0	6.0	91.7	65.0	9.0	4.7	91.7	40.0
TURFWAY (IS-TF 282 M2)	8.7	5.3	93.3	60.0	9.0	6.0	90.0	65.0	9.0	4.7	90.0	40.0
MICHELANGELO (LTP-F5DPDR)	9.0	5.7	90.0	58.3	9.0	6.0	91.7	61.7	9.0	5.3	90.0	40.0
MARAUDER	8.0	4.0	88.3	45.0	8.0	5.3	83.3	56.7	8.7	4.3	88.3	40.0
PST-5MVD	8.3	5.0	90.0	51.7	8.7	6.3	88.3	68.3	8.3	3.7	90.0	40.0
SWAGGER (PST-5R05)	8.7	5.7	85.0	55.0	8.7	6.7	88.3	70.0	8.7	3.7	85.0	40.0
ARES (PPG-TF-142)	8.7	4.7	90.0	46.7	8.3	5.3	85.0	55.0	8.7	3.7	90.0	38.3

TABLE 17. (CONT'D)

PERCENT TURFGRASS FULLNESS OF CANOPY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT NORTH BRUNSWICK (TRAFFIC STUDY), NJ 1/
2014 DATA

TURFGRASS COVER UNIFORMITY RATINGS 1-9; 9=MOST DENSE, UNIFORM TURF COVER 2/ */

NAME	AFTER TRAFFIC IN SUMMER (AUGUST 19)		FULLNESS OF CANOPY		BEFORE TRAFFIC ON SEPTEMBER 15		FULLNESS OF CANOPY		AFTER TRAFFIC IN FALL (NOVEMBER 11)		FULLNESS OF CANOPY	
	UNIFORMITY		NO TRAFFIC	TRAFFIC	UNIFORMITY		NO TRAFFIC	TRAFFIC	UNIFORMITY		NO TRAFFIC	TRAFFIC
FAITH	9.0	5.7	90.0	48.3	8.7	6.3	90.0	65.0	8.7	4.7	90.0	38.3
IS-TF 305 SEL	9.0	3.7	91.7	43.3	8.7	5.3	88.3	56.7	8.7	3.7	88.3	38.3
JS 809	8.3	5.3	81.7	51.7	8.3	6.0	85.0	65.0	8.7	4.3	83.3	38.3
JS 818	8.3	4.7	85.0	53.3	8.7	5.7	86.7	60.0	8.3	4.3	85.0	38.3
ROCKWELL (LTP-TWUU)	9.0	5.3	93.3	51.7	9.0	6.0	96.3	63.3	9.0	4.3	91.7	38.3
PSG-TT4	8.3	5.3	83.3	56.7	8.3	5.3	83.3	58.3	8.0	4.3	76.7	38.3
TRAVERSE 2 SRP (W45)	9.0	5.3	95.0	50.0	9.0	5.3	96.3	56.7	9.0	5.0	93.3	38.3
LEONARDO (LTP-FSD)	9.0	4.3	93.3	50.0	8.7	6.7	90.0	65.0	9.0	3.7	91.7	36.7
PPG-TF-115	8.0	4.7	88.3	55.0	8.3	5.3	88.3	55.0	8.7	4.0	86.7	36.7
DYNAMITE LS (PPG-TF-145)	8.7	4.7	86.7	48.3	8.7	6.0	90.0	61.7	8.0	3.0	85.0	36.7
PPG-TF-151	9.0	5.0	91.7	51.7	8.7	5.7	90.0	60.0	9.0	4.0	90.0	36.7
THOR (PPG-TF-157)	8.7	4.7	91.7	51.7	9.0	5.3	91.7	56.7	9.0	4.7	90.0	36.7
RAIN DANCE (PST-5SDT)	8.7	6.0	88.3	61.7	8.0	6.0	83.3	61.7	8.3	3.3	81.7	36.7
KINGDOM (DB1)	8.7	4.3	90.0	45.0	8.7	6.0	90.0	63.3	9.0	3.3	90.0	35.0
INSPIRATION (PST-R5NW)	8.0	6.3	85.0	66.7	8.3	6.0	85.0	63.3	8.0	3.3	80.0	35.0
SALTILLO (PST-5SALT)	9.0	5.0	91.7	58.3	8.7	6.0	88.3	61.7	8.7	4.0	81.7	35.0
THUNDERSTRUCK (TD1)	9.0	5.0	86.7	55.0	8.3	5.3	88.3	56.7	8.7	3.7	86.7	35.0
BAR FA 121091	8.0	5.3	83.3	53.3	7.7	5.7	76.7	60.0	8.0	2.3	83.3	33.3
FALCON IV	8.0	5.3	83.3	56.7	8.0	5.7	85.0	61.7	7.7	3.3	85.0	33.3
PST-5BRK	8.7	5.0	85.0	50.0	9.0	6.3	91.7	65.0	8.7	3.3	83.3	33.3
TERRANO	8.7	4.3	83.3	41.7	8.7	5.7	88.3	58.3	8.0	2.7	85.0	33.3
FESNOVA	8.7	5.0	91.7	51.7	9.0	6.7	93.3	70.0	8.7	3.3	85.0	31.7
FRONTLINE (EXP TF-09)	8.0	4.0	81.7	46.7	7.7	5.7	80.0	60.0	7.7	3.3	73.3	31.7
TEMPTATION (OR-21)	8.3	4.0	86.7	45.0	8.7	5.3	90.0	55.0	8.0	2.7	83.3	31.7
JS 825	8.0	3.3	78.3	38.3	7.3	5.0	75.0	50.0	7.3	1.7	73.3	26.7
KY-31	7.0	3.3	70.0	31.7	6.0	4.0	61.7	45.0	6.0	1.3	61.7	20.0
LSD VALUE	0.5	3.8	5.2	34.4	0.7	3.3	6.6	28.8	0.5	2.2	5.3	19.2
C.V. (%)	3.8	23.8	3.7	20.3	4.7	15.5	4.6	14.6	3.6	24.8	3.9	21.3

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

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

*/ TRAFFIC WAS APPLIED AS ONE PASS PER WEEK OF THE CADY TRAFFIC SIMULATOR (CTS) AND ONE PASS PER WEEK OF THE RUTGERS WEAR SIMULATOR (RWS) WERE MADE FOR EIGHT WEEKS (16 TOTAL PASSES) IN SPRING, SUMMER AND FALL.

TABLE 18.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT ADELPHIA, NJ 1/
2014 DATA

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

NAME	GENETIC COLOR	LEAF TEXTURE	BROWN PATCH WARM TEMP.	QUALITY RATINGS							MEAN
				APR	MAY	JUN	JUL	AUG	SEP	OCT	
REGENERATE	7.0	7.0	6.3	6.3	6.0	6.0	6.0	7.3	6.3	7.7	6.5
TITANIUM 2LS (PPG-TF-152)	7.0	6.7	6.0	5.7	6.3	6.7	6.7	6.3	5.7	6.7	6.3
AVENGER II (PPG-TF-156)	6.3	6.7	4.3	6.0	6.0	6.3	6.7	7.3	5.3	6.3	6.3
PICK-W43	6.7	7.0	6.0	5.3	6.3	6.3	5.3	7.7	6.3	5.7	6.1
PPG-TF-170	7.0	6.7	5.7	6.3	5.7	6.3	6.0	6.3	6.0	6.3	6.1
CCR2	6.3	6.3	6.0	6.3	6.3	5.3	5.3	6.7	6.0	6.3	6.0
ROCKWELL (LTP-TWUU)	7.0	6.7	6.0	5.7	5.7	5.3	6.0	7.0	6.0	6.7	6.0
MET 1	6.7	7.3	6.0	5.3	6.3	5.7	5.3	7.0	6.0	6.3	6.0
PPG-TF-137	6.7	6.3	5.3	4.3	6.0	7.0	5.3	6.0	6.0	7.0	6.0
THOR (PPG-TF-157)	8.0	5.7	5.7	4.3	6.7	5.7	5.7	6.3	6.7	6.3	6.0
4TH MILLENNIUM SRP (U43)	6.0	6.7	6.0	6.0	5.3	6.0	5.7	7.0	6.3	6.0	6.0
REFLECTION (U45)	6.7	6.3	6.3	5.3	6.3	5.3	6.0	6.7	6.0	6.3	6.0
TRAVERSE 2 SRP (W45)	6.3	6.7	5.7	5.0	6.0	6.3	6.0	6.7	5.7	6.7	6.0
IS-TF 269 SEL	8.0	6.3	6.0	4.7	7.0	6.0	5.3	6.3	6.0	6.0	5.9
KINGDOM (DB1)	8.3	5.3	5.7	4.7	6.7	5.3	6.0	5.7	6.0	6.0	5.8
GTO (BURL TF-2)	6.0	6.3	5.7	6.7	5.3	5.7	5.7	5.7	6.0	5.7	5.8
HEMI	6.7	6.3	4.7	5.0	6.3	5.7	5.3	6.3	5.0	6.7	5.8
HOT ROD (BURL TF-136)	7.0	6.3	5.7	5.7	5.3	5.7	5.3	6.7	6.0	6.0	5.8
MET-3	6.0	6.0	6.3	5.7	6.0	5.0	5.3	7.0	5.7	6.0	5.8
FIRECRACKER SLS (PPG-TF-105)	7.3	6.0	4.3	5.0	7.0	5.7	5.7	5.7	5.3	6.0	5.8
SCREAMER LS (PPG-TF-148)	5.3	6.0	5.7	5.0	5.0	6.3	6.3	6.7	5.0	6.0	5.8
PPG-TF-172	7.0	6.3	5.3	5.0	6.3	5.3	6.3	6.7	5.0	6.0	5.8
FIREWALL (PSG-WE1)	6.7	7.0	5.3	5.3	6.3	6.0	5.3	6.3	5.0	6.0	5.8
RAD-TF-88	6.7	8.7	4.3	5.3	6.0	6.0	5.3	6.0	5.3	6.3	5.8
W41	6.3	6.3	5.7	5.7	6.3	5.7	5.0	7.0	5.3	5.7	5.8
DZ1	7.0	5.7	5.7	5.0	6.3	5.3	5.3	6.0	6.3	5.7	5.7
F711	6.0	6.3	5.0	5.3	5.7	5.7	6.0	6.7	5.0	5.3	5.7
GRANDE 3	6.0	6.3	6.0	5.3	5.3	5.3	4.7	7.0	5.7	6.3	5.7
PPG-TF-169	5.3	6.3	5.7	5.3	5.3	6.0	5.3	6.7	5.7	5.7	5.7
RAPTOR III (ZW 44)	6.7	6.0	5.0	5.3	6.0	5.7	5.0	6.3	5.3	6.0	5.7
ATF 1612	5.7	7.0	5.0	5.0	6.0	6.0	5.7	6.0	5.0	5.3	5.6
FIREBIRD 2	7.0	6.0	5.3	4.7	6.0	5.3	5.3	6.7	5.3	6.0	5.6
TURFWAY (IS-TF 282 M2)	8.7	5.7	5.7	5.0	6.3	5.3	5.0	5.0	6.3	6.0	5.6
IS-TF 308 SEL	7.3	5.7	6.3	4.7	5.7	5.3	5.7	6.0	6.0	5.7	5.6
IS-TF 310 SEL	7.3	6.7	5.3	4.7	6.7	5.3	5.3	5.3	6.3	5.7	5.6
BIZEM	6.3	6.0	5.7	5.0	6.0	5.3	5.3	6.7	4.7	5.3	5.5
LEONARDO (LTP-FSD)	6.0	6.3	5.0	5.7	6.3	6.0	5.0	6.0	5.0	4.7	5.5
PPG-TF-135	5.7	6.3	6.3	4.7	5.7	5.3	5.7	6.3	5.0	5.7	5.5
BLACK TAIL (PPG-TF-150)	6.0	6.3	5.3	5.3	5.7	5.0	5.3	6.3	5.3	5.7	5.5
ROWDY (SRX-TPC)	6.3	6.7	4.0	5.0	6.3	6.3	5.7	5.7	4.7	4.7	5.5
THUNDERSTRUCK (TD1)	8.0	6.7	5.0	5.7	7.0	5.3	5.0	5.0	5.7	5.0	5.5
B23	7.7	6.7	4.7	5.7	6.3	5.0	5.0	5.3	5.3	5.3	5.4
IS-TF 311	7.3	6.0	6.0	5.3	5.7	5.3	5.0	6.0	5.3	5.3	5.4
DIABLO (IS-TF 330)	8.7	5.7	4.7	5.0	7.0	5.0	5.0	5.7	5.0	5.3	5.4
MET 6 SEL	5.0	5.7	6.0	5.3	5.3	5.0	5.3	6.7	5.3	4.7	5.4

TABLE 18.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT ADELPHIA, NJ 1/
2014 DATA

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

NAME	GENETIC COLOR	LEAF TEXTURE	BROWN PATCH WARM TEMP.	QUALITY RATINGS							MEAN
				APR	MAY	JUN	JUL	AUG	SEP	OCT	
RAD-TF-92	7.0	8.7	4.3	5.3	6.0	5.3	5.7	5.3	4.7	5.3	5.4
MAESTRO (T31)	6.7	5.3	5.3	5.0	5.3	5.0	5.0	6.7	5.3	5.7	5.4
FAITH	6.7	6.0	5.3	5.7	5.7	5.7	4.7	5.3	5.0	5.0	5.3
FOXHOUND (IS-TF 284 M2)	8.7	6.0	5.0	4.3	6.0	5.3	5.0	5.7	5.7	5.0	5.3
FAYETTE (IS-TF 291)	7.7	6.0	5.3	5.3	6.7	5.0	4.7	5.3	5.0	5.3	5.3
K12-05	8.0	6.7	5.0	4.7	7.0	5.3	4.7	5.3	5.7	4.3	5.3
XTENDER (PPG-TF-139)	6.0	6.0	4.3	5.0	5.7	5.3	5.7	6.3	4.7	4.7	5.3
PST-5EV2	6.7	6.0	5.7	4.3	5.0	5.7	6.0	6.3	4.7	5.3	5.3
RAD-TF-83	8.0	7.0	5.0	5.7	6.3	5.3	4.3	4.7	5.0	5.7	5.3
RAD-TF-89	6.7	7.7	3.3	5.3	6.0	6.0	5.0	4.7	4.7	5.3	5.3
TECHNIQUE (RZ2)	5.3	6.3	4.3	5.3	5.7	5.0	6.0	5.7	5.0	4.7	5.3
ATF 1704	5.0	6.3	5.3	4.7	5.0	6.0	5.7	5.7	5.0	4.7	5.2
ATF 1754	5.3	5.7	4.3	4.7	5.7	5.0	5.7	5.7	5.0	5.0	5.2
BULLSEYE	7.7	5.3	5.0	5.0	6.3	5.0	4.0	6.0	4.7	5.7	5.2
HOVER (BURL TF-69)	6.7	7.0	4.3	5.0	6.3	5.3	5.0	4.3	5.0	5.3	5.2
IS-TF 285	8.0	6.0	4.0	5.0	7.0	5.0	5.0	4.7	5.0	4.7	5.2
IS-TF 307 SEL	8.7	6.0	4.3	4.3	6.7	5.7	5.3	5.0	5.0	4.7	5.2
JS 916	7.0	6.3	5.0	5.0	6.3	5.0	4.7	5.7	5.3	4.7	5.2
PPG-TF-138	6.7	5.3	3.7	5.0	5.7	5.7	6.0	5.0	4.3	4.7	5.2
PSG-P01	5.7	6.7	6.0	5.0	5.3	4.7	4.7	6.7	5.0	5.3	5.2
PPG-TF-151	7.0	5.7	4.7	4.7	5.3	5.7	5.3	5.3	4.3	5.3	5.1
FESNOVA	7.3	5.3	4.7	5.0	5.7	5.3	5.3	5.0	4.0	4.3	5.0
IS-TF 272	8.7	6.3	4.7	4.0	6.3	4.7	4.3	5.3	5.0	5.0	5.0
IS-TF-287	6.3	6.0	3.7	4.7	6.0	5.7	5.3	5.3	4.3	3.7	5.0
K12-MCD	5.7	6.0	4.3	4.3	5.3	5.3	5.0	5.3	4.7	4.7	5.0
MICHELANGELO (LTP-F5DPDR)	5.3	5.0	4.7	5.0	5.3	5.7	5.3	5.3	4.3	4.3	5.0
COMP. RES. SST	6.7	6.7	4.0	4.3	6.0	5.3	4.3	5.0	4.7	4.3	4.9
FALCON V	6.7	6.0	3.3	4.7	5.7	6.3	4.7	3.7	3.7	5.3	4.9
IS-TF 305 SEL	8.0	5.0	5.0	4.0	6.0	5.0	4.3	5.0	5.0	4.3	4.8
PPG-TF-115	7.3	5.7	4.7	4.3	6.0	5.3	4.7	5.0	4.3	4.0	4.8
MERIDIAN (PST-5GRB)	6.0	6.7	3.3	4.7	5.7	5.3	5.3	4.3	4.0	4.3	4.8
PST-5MVD	6.3	5.3	5.0	5.0	5.3	5.0	5.3	4.3	4.3	4.0	4.8
CATALYST	5.7	6.0	2.3	5.3	5.0	5.7	4.7	4.3	3.7	4.0	4.7
GO-DFR	8.3	6.3	3.7	4.0	6.3	4.7	4.7	4.7	4.3	4.3	4.7
ATF 1736	6.0	5.3	5.0	4.3	5.3	4.7	4.3	5.3	4.0	4.0	4.6
BAR FA 121095	7.0	5.3	5.0	4.0	5.7	4.7	4.7	4.3	4.7	4.3	4.6
IS-TF 276 M2	7.7	5.0	4.0	4.7	5.3	4.7	4.3	4.7	4.3	4.0	4.6
IS-TF 289	8.7	5.3	4.7	4.0	6.0	5.3	4.3	4.0	4.3	4.3	4.6
PST-5BRK	4.3	4.7	4.3	4.3	4.7	4.7	5.0	5.0	4.0	4.7	4.6
TERRANO	8.0	5.3	3.0	4.7	6.0	5.3	4.7	4.0	3.7	4.0	4.6
CAESAR (TY 10)	8.7	6.3	4.0	4.7	5.7	4.7	4.3	4.3	3.7	4.0	4.5
MARAUDER	6.7	6.3	3.3	4.3	5.7	4.7	4.3	4.3	4.0	4.0	4.5
ARES (PPG-TF-142)	8.3	5.3	3.7	4.0	5.3	5.0	4.7	5.0	4.0	3.7	4.5
PST-5BPO	4.3	5.0	5.3	4.7	4.7	5.0	4.7	4.7	4.0	4.0	4.5
SALTILLO (PST-5SALT)	5.0	5.0	6.0	4.0	5.0	4.3	4.7	6.0	4.0	3.7	4.5

TABLE 18.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT ADELPHIA, NJ 1/
2014 DATA

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

NAME	GENETIC COLOR	LEAF TEXTURE	BROWN PATCH WARM TEMP.	QUALITY RATINGS							MEAN
				APR	MAY	JUN	JUL	AUG	SEP	OCT	
SWAGGER (PST-5R05)	6.7	4.3	3.3	3.7	5.7	5.3	4.3	4.3	4.0	3.3	4.4
RHAMBLER 2 SRP (LSD)	6.3	5.7	2.0	5.0	6.0	5.0	4.7	3.7	2.7	4.0	4.4
ANNIHILATOR	7.7	4.7	5.0	4.7	5.7	4.0	3.7	4.7	4.0	3.7	4.3
BAR FA 121089	7.3	4.3	4.3	4.7	5.3	3.7	4.3	3.7	4.0	4.3	4.3
K12-13	8.0	6.3	3.7	3.7	5.3	5.7	2.7	4.0	4.3	4.3	4.3
TEMPTATION (OR-21)	9.0	5.3	4.7	5.0	6.0	4.7	3.3	3.7	3.3	4.0	4.3
FRONTLINE (EXP TF-09)	8.7	5.3	3.7	4.3	5.7	4.0	4.0	3.7	3.7	4.0	4.2
JS 818	8.3	4.7	4.3	4.0	5.7	4.0	4.0	3.3	4.3	4.3	4.2
JS 819	8.0	5.7	3.3	4.0	6.0	4.0	4.0	3.7	3.7	4.0	4.2
PSG-GSD	5.7	5.0	3.3	4.7	5.0	4.7	4.7	4.3	3.3	2.7	4.2
PST-5DZP	7.7	5.3	3.7	4.7	6.0	5.0	4.0	3.3	3.0	3.3	4.2
204 RES. BLK4	4.3	6.3	3.7	4.0	4.3	4.0	3.7	3.7	4.3	4.7	4.1
JS 809	8.0	5.7	3.3	4.0	5.7	4.7	3.7	3.7	3.7	3.3	4.1
PSG-TT4	5.7	5.3	5.0	4.3	4.7	4.0	4.3	4.0	3.7	3.7	4.1
FALCON IV	7.0	4.7	3.0	5.0	4.7	4.0	4.0	3.3	3.7	3.0	4.0
DYNAMITE LS (PPG-TF-145)	8.0	5.0	2.3	4.3	6.0	4.7	4.0	3.3	2.7	3.0	4.0
PSG-8BP2	7.3	4.7	3.3	4.3	5.0	4.3	4.0	3.7	3.3	3.0	4.0
RAIN DANCE (PST-5SDT)	5.7	4.0	5.3	3.7	5.0	4.3	4.0	4.7	3.3	3.3	4.0
WARHAWK	8.3	5.0	3.7	4.0	5.7	4.0	3.3	3.3	3.3	2.7	3.8
AQUADUCT	6.7	4.3	3.3	4.3	4.0	3.3	3.7	3.7	2.7	2.7	3.5
BAR FA 121091	8.3	4.0	4.7	2.7	4.3	3.3	3.3	3.0	4.0	3.3	3.4
JS 825	8.3	4.0	3.0	3.7	4.7	4.0	4.0	2.7	2.7	2.0	3.4
INSPIRATION (PST-R5NW)	5.3	4.0	3.3	3.7	5.0	4.0	3.3	2.7	2.7	1.7	3.3
PST-5EX2	3.7	2.7	6.0	2.7	3.3	4.0	3.3	3.7	3.0	3.0	3.3
BAR FA 120878	5.0	1.3	3.3	2.3	2.3	2.7	2.3	1.7	1.7	1.3	2.0
KY-31	1.0	1.0	2.7	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.3
LSD VALUE	1.2	1.0	1.6	1.3	1.1	1.1	1.2	1.6	1.2	1.3	0.7
C.V. (%)	11.6	11.3	20.5	15.8	12.4	12.8	14.6	19.0	16.9	17.1	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 19.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT STILLWATER, OK 1/
2014 DATA

NAME	TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/												MEAN
	SPRING GREENUP	LEAF TEXTURE	DENSITY FALL	MAR	APR	MAY	JUN	QUALITY RATINGS					
								JUL	AUG	SEP	OCT	DEC	
PST-5EV2	4.0	5.0	6.0	4.0	8.0	7.0	6.0	5.0	5.0	5.0	5.0	5.0	5.6
TERRANO	4.0	4.5	6.5	4.0	6.5	7.0	6.5	5.5	5.5	5.0	5.5	5.0	5.6
PST-5EX2	3.7	4.3	5.7	4.0	8.0	7.3	7.3	5.3	4.3	4.7	4.7	4.0	5.5
INSPIRATION (PST-R5NW)	4.0	5.0	5.0	4.0	7.7	6.7	6.0	5.3	5.0	4.7	4.7	4.7	5.4
FOXHOUND (IS-TF 284 M2)	4.3	4.3	4.3	4.7	7.3	7.0	7.0	5.7	4.7	4.3	3.7	3.0	5.3
IS-TF 307 SEL	3.0	5.0	5.3	4.3	7.0	6.7	6.3	5.3	4.7	4.7	4.7	4.0	5.3
PPG-TF-172	4.0	5.3	6.3	4.0	7.0	6.7	6.0	5.7	4.3	4.7	5.0	4.7	5.3
RAIN DANCE (PST-5SDT)	4.0	5.0	5.7	3.7	6.3	7.3	7.0	5.3	4.0	4.7	4.7	4.3	5.3
TEMPTATION (OR-21)	4.0	4.7	5.0	4.3	8.3	7.0	6.3	5.3	4.3	4.3	4.7	3.3	5.3
TURFWAY (IS-TF 282 M2)	4.0	5.0	5.3	4.0	8.0	7.0	6.3	5.3	4.3	4.3	4.3	4.0	5.3
IS-TF 310 SEL	4.0	5.3	5.0	4.0	7.3	6.3	6.0	5.0	4.7	5.0	4.7	4.0	5.2
K12-MCD	3.7	5.0	5.7	4.0	7.3	7.0	6.3	5.0	4.3	4.3	4.7	4.0	5.2
ARES (PPG-TF-142)	3.7	5.0	5.3	4.0	7.0	5.7	6.3	6.0	4.3	4.3	4.7	4.7	5.2
AVENGER II (PPG-TF-156)	3.3	5.3	5.3	4.0	5.7	6.7	7.0	5.7	5.0	4.3	4.3	4.3	5.2
THOR (PPG-TF-157)	4.3	5.0	6.3	3.7	6.3	7.0	6.7	5.0	4.7	4.7	4.7	4.3	5.2
PST-5MVD	5.0	5.0	5.3	4.3	8.0	6.7	6.0	5.3	4.3	4.3	4.0	4.0	5.2
AQUADUCT	4.0	4.3	4.7	4.0	7.0	6.7	6.3	6.0	4.3	4.0	4.0	4.3	5.2
BAR FA 120878	3.7	4.3	4.7	4.0	7.3	7.0	6.0	5.3	4.3	3.7	4.0	4.0	5.1
FALCON IV	4.0	4.0	4.0	4.0	8.3	6.0	7.3	5.7	4.0	4.0	3.7	3.0	5.1
FRONTLINE (EXP TF-09)	4.3	4.3	4.3	4.3	6.7	6.7	6.7	6.0	4.3	4.0	3.3	4.0	5.1
GO-DFR	4.0	4.0	4.3	4.0	6.3	7.0	6.7	5.7	4.3	4.0	4.3	4.0	5.1
IS-TF 269 SEL	4.0	5.0	5.0	4.0	6.7	6.7	6.7	5.7	4.3	4.0	4.0	4.0	5.1
IS-TF 311	3.7	5.0	4.7	4.0	7.0	6.7	6.3	5.0	4.0	4.3	4.7	4.0	5.1
MICHELANGELO (LTP-F5DPDR)	3.7	5.0	5.7	4.0	7.3	6.7	5.3	5.0	4.7	4.3	4.3	4.3	5.1
XTENDER (PPG-TF-139)	4.3	4.3	5.0	4.0	7.3	6.3	6.7	5.0	4.7	3.7	4.0	4.0	5.1
PPG-TF-151	3.3	5.3	6.0	3.7	6.0	5.7	5.7	5.7	4.3	4.7	5.3	5.0	5.1
PSG-8BP2	3.7	4.7	4.7	4.0	8.0	7.7	6.3	4.7	4.3	4.0	3.3	3.7	5.1
PST-5BRK	3.3	5.0	5.0	4.0	7.7	6.3	5.3	5.3	4.7	4.3	4.0	4.0	5.1
SWAGGER (PST-5R05)	4.0	4.0	5.0	4.0	7.3	6.3	6.3	5.3	4.0	4.3	4.3	4.0	5.1
ROWDY (SRX-TPC)	4.0	4.3	4.7	4.0	6.7	6.3	6.7	6.0	4.3	4.0	4.3	4.0	5.1
MAESTRO (T31)	4.3	4.7	5.3	3.7	6.0	6.3	6.0	5.7	4.7	4.7	5.0	4.3	5.1
F711	4.0	4.7	5.3	4.0	6.0	7.0	6.0	5.3	4.7	4.3	4.0	4.3	5.1
FAITH	5.0	5.3	5.3	4.0	5.0	6.0	7.0	6.0	4.3	4.3	4.3	4.0	5.0
FESNOVA	4.3	4.7	5.3	4.0	5.0	6.3	7.0	6.0	4.3	4.3	4.0	4.0	5.0
FIREBIRD 2	4.7	5.0	4.7	4.3	6.0	7.0	6.7	5.0	4.3	4.0	4.0	4.0	5.0
GRANDE 3	4.0	4.7	5.7	3.7	5.3	7.0	6.0	5.0	4.3	4.7	5.0	4.3	5.0
DIABLO (IS-TF 330)	4.3	4.3	5.7	4.7	6.7	7.3	6.0	5.3	4.0	3.3	3.7	3.7	5.0
JS 819	3.7	4.7	5.7	4.0	6.3	6.3	5.7	5.3	4.3	4.3	4.0	4.3	5.0
KY-31	3.7	4.3	5.0	3.7	5.7	7.0	6.0	4.7	4.3	4.3	5.0	4.0	5.0
MET 6 SEL	4.7	3.0	3.7	4.3	8.0	6.0	7.0	6.0	4.0	3.7	3.0	2.7	5.0
PPG-TF-115	4.3	4.7	6.0	3.7	5.7	6.0	6.0	5.3	4.3	5.0	5.0	4.0	5.0
PPG-TF-135	4.3	4.7	4.7	4.0	7.3	7.0	6.0	6.0	3.7	3.7	3.7	3.3	5.0
BLACK TAIL (PPG-TF-150)	4.7	5.0	5.3	3.7	6.3	7.3	6.7	5.3	4.0	3.7	4.0	4.0	5.0
PSG-GSD	4.0	5.0	5.7	3.7	6.0	6.0	6.0	5.0	4.3	4.7	4.7	4.3	5.0
	3.7	4.0	4.0	4.0	7.0	5.7	7.0	6.0	4.7	3.7	3.7	3.3	5.0

TABLE 19. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT STILLWATER, OK 1/
2014 DATA

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

NAME	QUALITY RATINGS												MEAN
	SPRING GREENUP	LEAF TEXTURE	DENSITY FALL	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	DEC	
PST-5BPO	3.7	4.7	5.0	4.0	7.0	5.7	6.3	5.3	4.3	4.0	4.0	4.0	5.0
MERIDIAN (PST-5GRB)	4.0	5.3	5.3	4.0	7.0	6.7	6.0	5.0	4.7	4.0	3.7	3.7	5.0
RHAMBLER 2 SRP (LSD)	3.7	5.0	5.3	3.7	5.0	5.3	6.3	5.3	5.0	5.0	5.0	4.3	5.0
TECHNIQUE (RZ2)	4.0	4.7	5.7	4.0	7.0	6.3	5.7	4.7	4.3	4.3	4.3	4.3	5.0
SALTILLO (PST-5SALT)	4.0	4.7	4.3	4.0	8.0	7.0	5.7	5.3	4.0	3.7	3.7	3.3	5.0
BAR FA 121089	3.3	4.0	4.0	4.0	7.3	7.0	6.0	4.7	4.3	3.7	3.7	3.3	4.9
CAESAR (TY 10)	4.0	4.7	4.7	4.0	7.0	7.0	6.3	5.3	3.7	3.7	3.3	3.3	4.9
DZ1	3.7	5.0	5.3	4.0	5.0	5.3	6.0	5.7	4.7	4.3	4.7	4.3	4.9
GTO (BURL TF-2)	4.3	4.7	5.3	3.3	5.7	7.0	6.3	5.3	4.0	4.0	4.3	4.0	4.9
HOT ROD (BURL TF-136)	5.0	5.0	6.0	3.7	4.7	6.0	6.0	5.3	4.3	4.7	4.7	4.3	4.9
IS-TF 272	4.0	5.0	5.3	4.3	7.3	7.3	5.7	4.7	3.7	3.7	3.3	3.7	4.9
IS-TF 276 M2	3.3	4.7	5.0	4.0	6.7	7.0	5.7	4.7	4.3	3.7	4.0	4.0	4.9
IS-TF 289	4.0	5.0	4.3	4.0	6.3	6.7	6.7	5.3	4.3	3.3	4.0	3.3	4.9
FAYETTE (IS-TF 291)	5.3	5.0	4.7	4.0	6.0	7.0	6.3	6.0	3.7	4.0	4.0	3.3	4.9
IS-TF 305 SEL	3.7	5.0	5.0	4.0	7.3	6.7	5.7	5.0	4.0	4.0	4.0	3.3	4.9
JS 825	3.7	4.3	4.0	4.0	6.3	6.7	6.3	6.0	3.7	3.7	3.7	3.7	4.9
JS 916	4.3	5.0	4.7	4.0	7.0	6.7	6.0	5.0	4.0	4.3	4.0	3.3	4.9
LEONARDO (LTP-FSD)	4.3	4.3	5.0	4.3	5.7	6.3	7.0	5.3	4.0	3.7	3.7	4.0	4.9
TITANIUM 2LS (PPG-TF-152)	4.0	5.0	5.3	4.0	6.3	6.3	6.7	5.0	4.0	3.7	3.7	4.0	4.9
PST-5DZP	4.0	5.3	5.3	4.0	6.3	6.3	6.0	5.3	4.0	4.0	4.0	3.7	4.9
THUNDERSTRUCK (TD1)	4.0	4.3	4.0	4.0	7.7	7.0	6.3	4.7	4.3	3.3	3.3	3.0	4.9
REFLECTION (U45)	3.7	4.7	5.3	3.7	6.3	6.7	6.7	4.7	4.3	4.3	4.0	3.7	4.9
W41	4.7	4.7	4.7	4.3	6.3	6.3	6.0	5.0	4.0	4.0	4.0	3.7	4.9
TRAVERSE 2 SRP (W45)	4.0	5.0	6.0	4.0	6.3	6.0	6.0	4.3	4.0	4.3	4.7	4.3	4.9
BULLSEYE	4.7	4.7	5.0	3.7	5.7	6.7	6.7	5.3	4.3	3.7	3.7	3.7	4.8
IS-TF-287	4.3	5.0	6.0	3.7	5.0	7.0	6.0	5.0	4.0	4.3	4.0	4.0	4.8
JS 818	3.7	4.0	4.3	3.7	5.3	6.3	6.7	5.0	4.3	4.3	3.3	4.0	4.8
MET 1	4.3	5.0	4.7	3.0	4.3	6.3	7.0	5.0	5.0	4.0	4.3	4.0	4.8
FIRECRACKER SLS (PPG-TF-105)	3.7	4.7	5.0	4.3	5.7	7.0	6.3	5.7	4.0	3.7	3.3	3.0	4.8
PPG-TF-137	3.7	4.7	6.0	3.7	6.7	6.3	6.0	5.3	4.3	3.3	3.7	3.7	4.8
ATF 1704	4.3	4.7	4.7	4.0	6.7	7.0	5.7	5.0	3.7	3.3	3.3	4.0	4.7
ATF 1736	4.0	4.3	5.3	4.0	7.0	6.7	5.7	5.0	4.0	3.7	3.3	3.3	4.7
BIZEM	3.3	5.0	5.0	3.3	5.3	6.0	6.0	5.0	4.7	4.0	3.7	4.0	4.7
IS-TF 285	3.3	5.0	4.3	4.0	5.3	6.7	6.0	5.3	4.3	4.0	3.3	3.3	4.7
K12-05	3.7	4.7	5.0	4.0	7.0	6.0	5.7	4.0	4.0	3.7	3.7	4.0	4.7
MET-3	4.3	5.0	5.0	4.3	7.0	6.7	5.7	5.3	4.0	3.3	3.0	3.3	4.7
PICK-W43	4.3	5.0	5.0	4.0	6.3	6.7	6.3	4.7	4.0	3.7	3.3	3.7	4.7
PPG-TF-138	4.0	5.0	6.0	3.7	6.3	6.0	5.3	5.3	3.7	4.3	4.0	4.0	4.7
DYNAMITE LS (PPG-TF-145)	2.3	5.0	4.3	4.0	6.3	6.0	5.7	6.0	4.0	3.3	3.3	3.3	4.7
PPG-TF-169	5.3	5.0	5.0	4.3	6.3	6.0	6.0	4.7	4.0	3.7	3.7	3.3	4.7
PSG-TT4	3.0	4.3	4.0	4.0	6.7	5.7	5.7	5.3	4.0	3.7	3.7	3.3	4.7
WARHAWK	4.0	5.7	4.7	3.3	5.3	6.3	6.0	5.7	4.0	4.0	4.0	3.3	4.7
RAPTOR III (ZW 44)	4.3	4.7	5.0	3.7	6.7	7.0	5.7	4.3	4.3	3.3	3.3	3.7	4.7
B23	4.7	5.0	5.7	3.0	4.3	6.0	6.3	5.0	4.3	4.0	4.0	4.0	4.6
BAR FA 121095	3.0	4.0	4.3	4.0	6.0	6.7	6.0	4.7	4.0	3.7	3.3	3.3	4.6

TABLE 19. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT STILLWATER, OK 1/
2014 DATA

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

NAME	SPRING GREENUP	LEAF TEXTURE	DENSITY FALL	MAR	APR	MAY	JUN	QUALITY RATINGS				MEAN	
								JUL	AUG	SEP	OCT		DEC
CCR2	4.0	5.7	5.7	4.0	6.3	5.3	5.0	5.0	4.3	3.7	3.7	4.0	4.6
HEMI	4.3	4.7	5.3	3.0	5.0	6.3	6.0	5.3	4.0	3.7	4.0	3.7	4.6
IS-TF 308 SEL	4.0	4.7	5.3	4.0	4.7	5.3	5.3	5.0	4.0	4.0	4.7	4.3	4.6
JS 809	4.0	5.0	4.0	4.0	5.0	5.7	6.3	5.3	4.0	4.3	3.7	3.3	4.6
K12-13	4.0	4.7	4.0	3.7	5.7	6.3	6.3	5.3	4.0	3.3	3.3	3.3	4.6
ROCKWELL (LTP-TWUU)	3.7	4.7	4.7	3.7	5.3	6.0	6.3	5.7	3.7	3.3	3.7	3.7	4.6
PSG-PO1	4.0	4.3	5.3	3.7	6.0	6.7	5.7	5.0	4.3	3.3	3.3	3.3	4.6
ATF 1612	4.0	4.7	5.0	4.0	6.7	6.3	5.3	4.7	4.3	3.3	3.3	2.7	4.5
SCREAMER LS (PPG-TF-148)	4.3	5.3	5.0	3.0	4.3	5.3	6.0	5.0	4.3	4.0	4.3	4.0	4.5
BAR FA 121091	2.7	4.3	4.0	3.7	5.7	5.0	6.0	5.0	4.3	3.7	3.7	3.0	4.4
FALCON V	4.3	4.3	5.3	3.3	4.0	5.3	6.3	5.3	4.3	3.7	3.7	4.0	4.4
PPG-TF-170	4.7	4.7	5.7	3.7	5.3	5.3	5.3	4.7	3.7	3.7	4.3	4.0	4.4
FIREWALL (PSG-WE1)	4.7	4.7	4.7	3.0	5.0	6.3	6.0	5.3	4.0	3.3	3.3	3.3	4.4
4TH MILLENNIUM SRP (U43)	5.7	4.7	5.0	3.3	4.7	5.3	6.0	5.0	4.3	3.3	3.7	3.7	4.4
ATF 1754	4.0	4.7	4.3	3.3	4.3	5.7	6.0	5.0	3.7	3.3	3.7	3.7	4.3
KINGDOM (DB1)	4.0	4.7	4.0	4.0	5.7	5.7	6.3	5.0	3.7	3.0	3.0	2.7	4.3
HOVER (BURL TF-69)	5.0	4.3	4.7	3.0	4.7	6.0	5.3	5.0	3.7	3.3	3.3	3.0	4.2
CATALYST	5.0	4.3	5.0	2.7	4.7	5.7	6.0	4.7	4.0	3.3	3.3	3.3	4.2
RAD-TF-89	4.3	4.3	5.7	2.3	3.3	6.0	5.3	4.3	4.0	4.0	4.3	4.0	4.2
ANNIHILATOR	3.7	5.0	4.0	3.0	3.7	5.0	6.0	5.0	3.3	3.3	3.0	3.0	3.9
REGENERATE	4.7	5.0	5.0	3.0	2.7	4.7	5.7	4.3	3.3	3.3	3.7	3.7	3.8
RAD-TF-83	4.0	4.0	4.0	3.3	3.7	5.3	5.0	4.7	3.0	2.7	2.7	3.0	3.7
204 RES. BLK4	5.3	4.7	3.7	2.7	3.3	6.0	5.7	4.3	3.0	2.7	2.7	2.3	3.6
RAD-TF-92	4.7	4.3	5.0	2.7	3.7	5.0	5.3	4.3	3.0	3.0	3.0	2.7	3.6
RAD-TF-88	4.7	4.3	4.3	2.0	2.7	6.0	4.7	4.0	3.0	3.0	2.3	2.3	3.3
MARAUDER	4.3	4.7	4.0	2.0	3.0	4.7	4.3	4.3	3.0	2.3	2.7	2.3	3.2
COMP. RES. SST	4.7	4.3	3.7	1.7	2.3	4.3	3.7	3.7	3.0	2.3	2.0	1.7	2.7
LSD VALUE	1.2	1.0	1.4	0.8	1.7	2.8	1.4	1.1	1.5	1.6	2.1	1.2	0.6
C.V. (%)	15.3	10.3	14.6	13.2	17.8	15.4	11.5	10.9	14.7	18.2	22.3	17.4	7.5

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

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

TABLE 19. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT STILLWATER, OK 1/
2014 DATA

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

NAME	PERCENT COVER			FALL COLOR		BROWN PATCH RATINGS			
	SPRING	SUMMER	FALL	OCTOBER	DECEMBER	JUNE 6	JUNE 13	JUNE 23	AUGUST
PST-5EV2	95.0	90.0	97.0	6.0	7.0	7.0	7.0	7.0	6.0
TERRANO	97.0	92.0	97.5	6.5	7.0	7.5	6.5	6.5	6.0
PST-5EX2	97.3	89.0	89.7	7.3	7.3	7.7	7.0	6.3	4.7
INSPIRATION (PST-R5NW)	97.3	93.0	94.7	5.7	6.7	7.0	6.0	6.0	5.3
FOXHOUND (IS-TF 284 M2)	97.3	85.7	90.3	5.7	6.7	6.7	6.7	6.7	3.7
IS-TF 307 SEL	96.3	92.7	95.3	7.3	7.3	7.3	6.3	5.7	4.7
PPG-TF-172	95.3	91.7	96.3	7.0	7.0	7.0	6.3	6.0	5.0
RAIN DANCE (PST-5SDT)	96.3	85.0	89.7	6.7	7.0	7.0	7.0	6.0	4.7
TEMPTATION (OR-21)	98.3	89.3	89.3	6.3	6.3	7.7	6.0	6.3	3.7
TURFWAY (IS-TF 282 M2)	97.3	84.7	87.7	7.7	7.0	6.7	6.3	6.3	4.0
IS-TF 310 SEL	97.3	91.0	94.0	7.0	7.0	7.3	6.0	5.7	4.7
K12-MCD	98.7	86.0	91.7	8.0	7.0	6.7	6.3	5.7	3.7
ARES (PPG-TF-142)	95.7	87.3	89.7	7.3	7.0	7.3	6.7	5.7	4.3
AVENGER II (PPG-TF-156)	90.0	90.0	86.7	6.7	7.3	6.3	7.3	6.7	4.0
THOR (PPG-TF-157)	93.3	85.0	90.7	6.7	7.0	6.7	7.0	6.0	4.3
PST-5MVD	97.0	82.3	85.7	7.7	7.3	7.0	5.7	6.0	4.3
AQUADUCT	95.3	82.7	82.3	6.7	6.7	7.3	6.7	6.0	3.7
BAR FA 120878	94.7	75.7	87.3	6.3	7.3	6.3	6.3	5.7	3.0
FALCON IV	95.3	70.0	85.7	6.3	5.7	6.3	7.7	6.3	3.0
FRONTLINE (EXP TF-09)	91.7	81.0	79.3	7.3	7.0	7.0	6.3	6.3	3.3
GO-DFR	93.3	75.7	86.3	7.3	7.3	6.7	7.0	6.0	4.3
IS-TF 269 SEL	94.3	89.0	87.3	6.7	7.3	6.7	7.0	5.7	3.3
IS-TF 311	94.7	85.7	93.0	6.7	6.7	6.7	5.7	5.7	4.0
MICHELANGELO (LTP-F5DPDR)	92.7	88.0	87.0	6.0	7.0	6.7	5.7	6.0	4.7
XTENDER (PPG-TF-139)	98.3	83.0	89.3	6.7	7.0	7.0	7.3	6.0	3.0
PPG-TF-151	91.0	84.7	91.3	7.0	7.0	6.3	6.3	6.0	4.7
PSG-8BP2	98.0	86.0	80.3	6.7	7.0	7.3	6.0	5.7	3.3
PST-5BRK	98.3	86.0	92.7	6.3	7.0	6.3	5.7	6.3	5.0
SWAGGER (PST-5R05)	96.3	80.0	92.3	7.3	7.0	7.3	6.0	6.0	3.3
ROWDY (SRX-TPC)	96.0	84.3	90.0	6.7	7.0	7.3	6.7	6.0	3.3
MAESTRO (T31)	93.7	85.0	96.7	6.3	7.0	6.7	6.7	6.7	5.3
F711	95.7	89.0	88.7	7.0	7.0	6.7	6.7	6.3	4.3
FAITH	86.7	75.0	84.7	6.7	6.7	7.0	7.0	6.3	4.7
FESNOVA	90.0	84.3	91.3	7.7	7.0	7.0	7.3	6.0	3.3
FIREBIRD 2	93.0	85.7	89.0	7.0	6.7	7.7	7.3	6.7	3.7
GRANDE 3	91.3	84.0	92.0	6.3	7.0	6.7	6.3	6.0	4.3
DIABLO (IS-TF 330)	98.3	81.0	81.7	7.3	7.0	7.0	6.0	6.3	3.3
JS 819	96.3	86.7	90.3	6.3	7.3	7.0	5.7	6.0	3.7
KY-31	90.0	83.3	96.3	6.7	7.0	6.3	7.0	6.3	3.7
MET 6 SEL	97.0	74.3	86.0	5.0	5.0	7.7	8.0	6.7	3.0
PPG-TF-115	90.0	87.3	96.0	5.7	6.7	6.7	6.3	5.7	3.7
PPG-TF-135	98.0	71.0	72.0	7.3	7.0	7.0	6.0	6.3	3.3
BLACK TAIL (PPG-TF-150)	91.7	79.3	81.0	7.7	7.0	6.7	6.7	6.0	3.7
PSG-GSD	91.7	86.0	93.3	6.3	7.0	6.7	6.3	6.0	4.3
	96.3	79.3	79.7	6.7	6.7	7.3	7.0	6.3	3.0

TABLE 19. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT STILLWATER, OK 1/
2014 DATA

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

NAME	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	FALL COLOR OCTOBER	FALL COLOR DECEMBER	JUNE 6	BROWN PATCH RATINGS JUNE 13	JUNE 23	AUGUST
PST-5BPO	98.3	84.7	83.3	6.3	7.0	7.0	6.7	6.3	4.0
MERIDIAN (PST-5GRB)	96.3	89.0	87.7	6.3	7.0	7.3	6.0	6.0	4.3
RHAMBLER 2 SRP (LSD)	91.0	88.7	93.3	6.3	6.7	7.3	7.3	6.0	5.3
TECHNIQUE (RZ2)	97.3	83.7	90.7	6.7	7.0	6.7	5.7	5.7	4.3
SALTILLO (PST-5SALT)	97.3	85.7	83.0	7.0	6.3	7.0	6.0	6.0	3.7
BAR FA 121089	92.7	69.3	78.0	6.3	6.3	6.7	6.3	6.0	3.3
CAESAR (TY 10)	94.3	74.0	76.0	6.7	7.3	6.7	6.7	6.0	3.0
DZ1	92.7	85.3	94.0	6.3	7.0	6.7	6.0	6.3	4.0
GTO (BURL TF-2)	93.7	81.7	85.7	7.0	7.0	6.7	6.0	6.0	3.3
HOT ROD (BURL TF-136)	90.7	84.0	90.0	6.3	6.7	6.3	6.7	5.3	4.7
IS-TF 272	92.7	80.0	80.3	7.7	6.7	6.3	5.3	5.7	4.0
IS-TF 276 M2	95.7	79.0	87.7	6.7	7.0	6.7	5.7	5.7	3.0
IS-TF 289	94.3	84.7	89.3	7.0	7.0	6.7	6.3	6.3	3.3
FAYETTE (IS-TF 291)	94.7	69.7	74.0	6.7	7.0	7.0	6.7	6.0	3.7
IS-TF 305 SEL	96.3	85.0	90.7	6.0	7.0	6.3	6.0	6.3	4.0
JS 825	89.7	77.3	82.7	6.3	7.0	6.0	6.7	5.0	2.7
JS 916	96.0	83.3	82.3	6.3	6.7	7.0	6.3	6.0	4.0
LEONARDO (LTP-FSD)	95.7	83.3	84.3	6.3	6.7	7.3	7.3	6.3	3.3
TITANIUM 2LS (PPG-TF-152)	94.3	83.3	88.3	7.0	7.0	7.3	6.7	6.3	3.7
PST-5DZP	94.3	83.7	82.7	7.0	7.0	6.3	6.3	6.0	3.3
THUNDERSTRUCK (TD1)	97.0	76.3	70.7	6.7	6.7	6.3	6.3	5.7	2.7
REFLECTION (U45)	94.3	86.3	87.0	7.3	7.0	7.0	6.3	6.0	4.0
W41	92.0	85.0	89.7	6.3	7.0	6.7	6.3	5.7	4.3
TRAVERSE 2 SRP (W45)	94.3	82.7	90.0	7.3	7.0	6.3	6.0	5.7	4.3
BULLSEYE	90.0	83.3	83.0	7.0	6.7	7.3	6.7	6.3	4.0
IS-TF-287	96.3	86.0	91.3	6.7	7.0	7.0	5.3	5.3	4.0
JS 818	92.7	75.0	84.7	7.0	7.0	7.0	6.7	6.0	4.0
MET 1	85.0	89.3	85.7	7.0	6.7	6.7	7.3	6.3	4.7
FIRECRACKER SLS (PPG-TF-105)	92.7	71.7	77.3	6.3	7.0	7.0	6.7	6.7	3.3
PPG-TF-137	95.3	84.0	74.3	7.3	7.0	6.3	6.3	5.7	3.3
ATF 1704	95.7	80.3	79.3	6.0	7.0	7.0	6.0	6.0	3.3
ATF 1736	94.3	82.7	76.0	6.7	7.0	7.0	5.7	6.0	3.7
BIZEM	94.7	80.7	79.3	7.0	7.0	7.0	6.3	6.0	4.3
IS-TF 285	89.3	82.7	81.3	7.0	7.0	6.3	6.3	6.3	3.7
K12-05	95.3	71.7	78.7	7.0	7.3	6.3	5.7	5.0	3.3
MET-3	94.3	74.7	70.0	7.3	7.3	6.3	5.7	5.7	3.0
PICK-W43	94.7	82.7	81.7	6.3	7.0	7.3	6.3	6.0	3.0
PPG-TF-138	94.3	83.3	91.0	6.7	7.0	6.7	5.3	5.7	4.0
DYNAMITE LS (PPG-TF-145)	93.7	79.7	71.7	7.0	7.0	7.0	6.3	6.3	3.3
PPG-TF-169	93.7	81.7	85.3	6.3	6.7	6.7	6.0	5.7	4.0
PSG-TT4	94.3	70.0	85.0	6.7	6.7	5.7	5.7	5.7	3.7
WARHAWK	75.0	80.7	91.3	6.7	7.0	5.3	6.3	6.3	3.7
RAPTOR III (ZW 44)	96.0	69.7	81.7	7.3	7.0	7.0	6.3	5.3	3.3
B23	78.3	83.0	84.3	6.7	6.7	6.3	6.3	6.0	4.0
BAR FA 121095	97.0	78.0	85.0	6.0	6.7	6.7	6.7	6.0	3.0

TABLE 19. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT STILLWATER, OK 1/
2014 DATA

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

NAME	PERCENT COVER			FALL COLOR		JUNE 6	BROWN PATCH RATINGS		AUGUST
	SPRING	SUMMER	FALL	OCTOBER	DECEMBER		JUNE 13	JUNE 23	
CCR2	98.0	85.7	81.0	6.0	7.0	6.3	4.3	5.7	3.3
HEMI	88.3	81.0	87.3	7.0	6.7	6.3	6.3	6.0	3.7
IS-TF 308 SEL	85.0	85.0	88.0	7.3	7.0	6.0	6.0	6.0	4.0
JS 809	91.7	86.3	88.0	6.0	7.0	6.7	6.7	5.7	3.7
K12-13	89.3	79.0	69.0	6.7	6.3	5.7	6.0	6.0	2.7
ROCKWELL (LTP-TWUU)	88.3	69.7	75.3	7.0	7.3	7.0	6.3	6.0	2.7
PSG-P01	94.3	71.0	72.7	7.3	7.0	7.0	6.0	6.0	3.7
ATF 1612	97.7	75.0	73.7	6.7	6.7	7.0	5.3	5.0	3.0
SCREAMER LS (PPG-TF-148)	75.0	81.7	84.3	6.7	7.0	6.3	6.7	6.0	4.3
BAR FA 121091	90.0	79.3	82.3	6.7	6.7	6.7	6.3	6.0	3.3
FALCON V	86.0	86.3	81.0	6.7	7.0	6.7	7.0	6.3	3.3
PPG-TF-170	94.3	71.0	86.0	7.0	7.3	5.7	5.7	5.7	3.7
FIREWALL (PSG-WE1)	86.7	73.3	75.0	6.3	7.0	6.3	6.7	6.0	3.3
4TH MILLENNIUM SRP (U43)	90.0	66.0	75.7	7.0	7.3	7.0	7.0	6.0	4.0
ATF 1754	85.0	64.0	80.3	6.0	6.7	6.7	6.3	6.0	2.7
KINGDOM (DB1)	91.0	75.0	76.7	7.0	6.7	6.3	7.0	6.0	3.0
HOVER (BURL TF-69)	83.3	81.0	80.0	6.3	7.0	6.3	6.0	6.0	3.0
CATALYST	85.0	58.3	68.0	6.7	7.3	6.7	6.3	6.0	3.3
RAD-TF-89	68.3	81.0	91.7	7.7	7.3	6.0	5.7	5.0	3.0
ANNIHILATOR	71.7	76.7	82.7	6.0	7.0	5.3	6.3	6.0	2.7
REGENERATE	65.0	75.0	85.3	7.0	7.3	6.3	6.7	6.3	4.3
RAD-TF-83	81.7	73.7	68.0	6.7	7.0	6.0	6.0	5.3	2.0
204 RES. BLK4	66.7	52.3	55.7	5.7	7.0	5.3	6.0	5.7	2.0
RAD-TF-92	71.7	56.3	67.7	7.0	7.0	5.3	5.7	5.3	1.7
RAD-TF-88	66.7	47.3	56.7	7.3	7.7	5.7	5.7	5.0	2.0
MARAUDER	61.7	46.7	54.3	5.7	7.0	4.7	6.3	5.7	1.7
COMP. RES. SST	36.7	46.7	35.7	6.0	7.3	4.0	5.3	5.0	1.3
LSD VALUE	10.6	23.1	26.0	1.4	0.8	1.6	2.2	1.2	2.1
C.V. (%)	7.4	14.1	14.5	9.8	5.8	11.2	13.0	8.7	27.2

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

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

TABLE 20. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT UNIVERSITY PARK, PA 1/
2014 DATA

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

NAME	SPRING GREENUP	JUN	QUALITY RATINGS			MEAN
			JUL	OCT		
HEMI	2.7	8.3	8.3	8.3	8.3	
TRAVERSE 2 SRP (W45)	3.0	7.5	9.0	8.0	8.2	
RAPTOR III (ZW 44)	2.3	7.7	8.3	8.7	8.2	
HOT ROD (BURL TF-136)	2.7	8.0	8.3	8.0	8.1	
IS-TF 308 SEL	3.3	7.7	8.0	8.7	8.1	
CCR2	4.3	8.0	8.3	7.7	8.0	
FAYETTE (IS-TF 291)	3.3	7.7	8.0	8.0	7.9	
PICK-W43	3.7	7.7	8.3	7.7	7.9	
REGENERATE	4.0	7.7	8.3	7.7	7.9	
4TH MILLENNIUM SRP (U43)	4.0	7.7	7.7	8.3	7.9	
MET 1	2.5	8.0	8.0	7.5	7.8	
TITANIUM 2LS (PPG-TF-152)	2.5	7.5	7.5	8.5	7.8	
PSG-P01	3.3	7.0	8.3	8.0	7.8	
TECHNIQUE (RZ2)	2.0	7.3	8.3	7.7	7.8	
PPG-TF-137	2.0	7.7	8.0	7.3	7.7	
SCREAMER LS (PPG-TF-148)	4.0	7.5	8.0	7.5	7.7	
AVENGER II (PPG-TF-156)	3.3	8.0	7.7	7.3	7.7	
FIREWALL (PSG-WE1)	3.7	8.3	7.3	7.3	7.7	
REFLECTION (U45)	3.0	7.5	8.0	7.5	7.7	
B23	3.7	7.0	8.3	7.3	7.6	
MAESTRO (T31)	4.0	7.7	8.0	7.0	7.6	
BIZEM	3.0	7.3	7.3	7.7	7.4	
F711	3.0	6.7	8.0	7.7	7.4	
JS 916	3.3	7.7	7.3	7.3	7.4	
PPG-TF-169	4.3	7.0	8.0	7.3	7.4	
PPG-TF-170	3.0	7.7	7.3	7.3	7.4	
ROCKWELL (LTP-TWUU)	4.7	7.7	7.0	7.3	7.3	
PPG-TF-135	3.0	7.3	7.7	7.0	7.3	
W41	3.3	7.3	7.7	7.0	7.3	
IS-TF 311	3.0	7.0	7.3	7.3	7.2	
XTENDER (PPG-TF-139)	2.3	7.0	7.7	7.0	7.2	
ATF 1612	4.3	7.0	7.3	7.0	7.1	
ATF 1704	3.7	7.7	6.7	7.0	7.1	
DZ1	2.3	7.0	7.0	7.3	7.1	
FALCON V	3.0	6.7	7.7	7.0	7.1	
GRANDE 3	4.3	7.3	7.3	6.7	7.1	
GTO (BURL TF-2)	3.0	7.7	7.0	6.7	7.1	
IS-TF 285	2.3	7.3	6.7	7.3	7.1	
MET 6 SEL	3.3	7.3	7.7	6.3	7.1	
BLACK TAIL (PPG-TF-150)	4.0	7.0	7.3	7.0	7.1	
RAD-TF-92	1.3	7.0	6.7	7.7	7.1	
IS-TF 269 SEL	2.3	6.3	7.0	7.7	7.0	
FOXHOUND (IS-TF 284 M2)	1.7	6.7	6.7	7.7	7.0	
IS-TF 310 SEL	2.3	7.0	7.0	7.0	7.0	
MET-3	3.7	7.0	7.0	7.0	7.0	

TABLE 20. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) IN THE 2012 NATIONAL TALL FESCUE TEST AT UNIVERSITY PARK, PA 1/
2014 DATA

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

NAME	QUALITY RATINGS				
	SPRING GREENUP	JUN	JUL	OCT	MEAN
PPG-TF-138	2.3	6.7	7.0	7.3	7.0
RAD-TF-88	2.3	7.0	6.7	7.3	7.0
HOVER (BURL TF-69)	3.0	6.7	6.7	7.3	6.9
IS-TF 305 SEL	1.7	6.0	7.3	7.3	6.9
ARES (PPG-TF-142)	2.0	6.7	7.3	6.7	6.9
IS-TF-287	2.7	6.7	7.0	6.7	6.8
FIRECRACKER SLS (PPG-TF-105)	3.0	6.3	6.7	7.3	6.8
THOR (PPG-TF-157)	2.3	7.0	6.3	7.0	6.8
RHAMBLER 2 SRP (LSD)	2.0	6.3	7.0	7.0	6.8
KINGDOM (DB1)	2.0	6.3	6.7	7.0	6.7
FAITH	3.3	6.3	7.0	6.7	6.7
IS-TF 272	1.7	6.7	6.3	7.0	6.7
TURFWAY (IS-TF 282 M2)	2.3	6.0	7.0	7.0	6.7
DIABLO (IS-TF 330)	2.7	6.3	6.3	7.3	6.7
PPG-TF-172	2.0	6.3	7.0	6.7	6.7
ROWDY (SRX-TPC)	3.3	7.0	6.7	6.3	6.7
ATF 1736	3.0	6.7	6.3	6.7	6.6
ATF 1754	2.3	6.3	6.3	7.0	6.6
IS-TF 307 SEL	3.0	6.7	6.3	6.7	6.6
FIREBIRD 2	2.7	6.3	5.7	7.3	6.4
PST-5EV2	3.3	6.7	6.0	6.7	6.4
MERIDIAN (PST-5GRB)	1.7	6.0	6.0	7.3	6.4
RAD-TF-89	2.0	6.7	6.0	6.7	6.4
FESNOVA	3.3	6.3	5.7	7.0	6.3
IS-TF 289	1.7	6.7	6.0	6.3	6.3
PPG-TF-151	3.0	6.5	6.0	6.5	6.3
BULLSEYE	3.7	6.0	6.0	6.7	6.2
CATALYST	3.3	6.3	5.7	6.7	6.2
IS-TF 276 M2	1.7	5.7	6.0	7.0	6.2
DYNAMITE LS (PPG-TF-145)	1.0	5.7	6.3	6.7	6.2
THUNDERSTRUCK (TD1)	1.3	6.0	6.0	6.7	6.2
PST-5MVD	4.0	6.0	5.7	6.7	6.1
K12-05	1.7	5.7	5.7	6.7	6.0
K12-MCD	2.3	5.7	6.0	6.3	6.0
SWAGGER (PST-5R05)	3.0	6.3	6.0	5.7	6.0
MICHELANGELO (LTP-F5DPDR)	3.0	5.7	6.0	6.0	5.9
LEONARDO (LTP-FSD)	2.7	5.7	5.7	6.3	5.9
ANNIHILATOR	1.3	4.7	5.7	6.7	5.7
SALTILLO (PST-5SALT)	2.0	5.0	6.0	6.0	5.7
204 RES. BLK4	1.7	4.3	6.0	6.3	5.6
COMP. RES. SST	2.3	4.7	5.3	6.7	5.6
PST-5DZP	1.0	5.3	5.3	6.0	5.6
PST-5EX2	4.0	5.3	5.3	6.0	5.6
RAD-TF-83	3.0	5.7	4.7	6.3	5.6
GO-DFR	1.3	5.3	4.7	6.3	5.4

TABLE 21. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
 (CONT'D) IN THE 2012 NATIONAL TALL FESCUE TEST AT UNIVERSITY PARK, PA 1/
 2014 DATA

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

NAME	SPRING GREENUP	QUALITY RATINGS			MEAN
		JUN	JUL	OCT	
JS 809	1.7	5.7	5.3	5.3	5.4
JS 818	2.0	4.7	5.0	6.7	5.4
PPG-TF-115	2.3	5.0	5.0	6.3	5.4
PSG-8BP2	2.3	5.3	4.7	6.3	5.4
PST-5BP0	3.0	5.3	5.0	6.0	5.4
RAIN DANCE (PST-5SDT)	3.3	5.0	5.3	6.0	5.4
BAR FA 121095	1.0	5.0	5.3	5.7	5.3
CAESAR (TY 10)	3.5	5.5	4.5	6.0	5.3
PSG-GSD	3.0	4.7	5.0	6.0	5.2
TEMPTATION (OR-21)	2.5	5.5	4.0	6.0	5.2
TERRANO	2.3	5.0	4.7	6.0	5.2
PST-5BRK	2.3	5.0	5.0	5.3	5.1
BAR FA 121089	2.0	5.0	5.0	5.0	5.0
FALCON IV	3.0	4.7	4.7	5.7	5.0
K12-13	1.3	5.3	4.3	5.3	5.0
MARAUDER	1.7	3.7	5.0	6.3	5.0
PSG-TT4	3.3	4.7	4.7	5.7	5.0
INSPIRATION (PST-R5NW)	3.3	4.7	4.7	5.3	4.9
AQUADUCT	2.7	4.0	4.7	5.7	4.8
JS 819	1.7	4.7	4.3	5.3	4.8
FRONTLINE (EXP TF-09)	2.5	4.0	4.5	5.5	4.7
WARHAWK	1.0	3.7	4.3	5.3	4.4
BAR FA 121091	2.0	3.7	3.7	5.3	4.2
JS 825	1.7	4.0	4.7	4.0	4.2
BAR FA 120878	3.0	3.0	3.0	3.0	3.0
KY-31	4.7	1.3	1.0	1.7	1.3
LSD VALUE	1.7	1.2	1.2	1.4	0.9
C.V (%)	33.6	12.0	12.6	12.3	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 21. PERCENT LIVING GROUND COVER RATINGS OF TALL FESCUE CULTIVARS 1/
 IN THE 2012 NATIONAL TALL FESCUE TEST AT UNIVERSITY PARK (TRAFFIC STUDY), PA 2/
 2014 DATA

NAME	BEFORE TRAFFIC 9_4	TRAFFIC 9_4	AFTER TRAFFIC 11_1
TECHNIQUE (RZ2)	99.0	97.3	93.0
ATF 1704	99.0	99.0	92.7
MERIDIAN (PST-5GRB)	99.0	99.0	92.7
IS-TF 269 SEL	98.3	99.0	91.7
PPG-TF-137	99.0	99.0	91.7
RHAMBLER 2 SRP (LSD)	99.0	99.0	91.7
SCREAMER LS (PPG-TF-148)	99.0	99.0	91.5
TRAVERSE 2 SRP (W45)	99.0	99.0	91.5
HEMI	99.0	99.0	91.3
HOT ROD (BURL TF-136)	99.0	85.7	91.3
ATF 1736	99.0	99.0	91.0
F711	99.0	99.0	91.0
GTO (BURL TF-2)	99.0	98.0	91.0
K12-MCD	98.7	99.0	91.0
PST-5EV2	99.0	99.0	91.0
PST-5EX2	99.0	97.7	91.0
RAPTOR III (ZW 44)	99.0	99.0	91.0
ATF 1754	98.7	99.0	90.3
MET 6 SEL	99.0	98.0	90.3
INSPIRATION (PST-R5NW)	99.0	99.0	89.3
IS-TF 276 M2	99.0	98.0	89.3
IS-TF 289	99.0	99.0	89.3
FAYETTE (IS-TF 291)	99.0	99.0	89.3
THOR (PPG-TF-157)	99.0	99.0	89.3
CATALYST	98.7	98.7	88.7
CCR2	99.0	98.7	88.7
XTENDER (PPG-TF-139)	99.0	99.0	88.7
IS-TF 307 SEL	99.0	99.0	88.3
ROWDY (SRX-TPC)	99.0	99.0	88.3
FIREBIRD 2	97.7	97.3	88.0
MET 1	99.0	99.0	88.0
PPG-TF-138	99.0	98.7	88.0
REFLECTION (U45)	98.0	99.0	88.0
AQUADUCT	99.0	99.0	87.7
JS 825	98.3	98.0	87.7
JS 916	99.0	99.0	87.7
LEONARDO (LTP-FSD)	99.0	98.7	87.7
PST-5DZP	99.0	99.0	87.7
PST-5MVD	99.0	98.7	87.7
THUNDERSTRUCK (TD1)	97.7	98.7	87.7
GRANDE 3	99.0	98.7	86.7
PPG-TF-135	99.0	92.0	86.7
TEMPTATION (OR-21)	99.0	97.5	86.5
PPG-TF-170	98.7	98.3	86.3
PST-5BRK	99.0	98.7	86.3
BULLSEYE	98.3	98.7	86.0
FAITH	99.0	99.0	86.0

TABLE 21.
(CONT'D)

PERCENT LIVING GROUND COVER RATINGS OF TALL FESCUE CULTIVARS 1/
IN THE 2012 NATIONAL TALL FESCUE TEST AT UNIVERSITY PARK (TRAFFIC STUDY), PA 2/
2014 DATA

NAME	BEFORE TRAFFIC 9_4	TRAFFIC 9_4	AFTER TRAFFIC 11_1
FALCON V	97.7	99.0	86.0
GO-DFR	99.0	98.3	86.0
IS-TF 311	99.0	99.0	86.0
JS 818	97.3	98.3	86.0
PICK-W43	98.7	98.0	86.0
FIRECRACKER SLS (PPG-TF-105)	99.0	99.0	86.0
PSG-GSD	98.7	98.0	86.0
RAD-TF-89	96.7	98.0	86.0
RAIN DANCE (PST-5SDT)	99.0	99.0	86.0
WARHAWK	99.0	98.0	86.0
DZ1	99.0	98.7	85.3
IS-TF 272	98.3	99.0	85.3
W41	99.0	99.0	85.3
ANNIHILATOR	99.0	97.0	85.0
KINGDOM (DB1)	98.3	97.7	85.0
IS-TF 308 SEL	99.0	98.7	85.0
DIABLO (IS-TF 330)	99.0	99.0	85.0
IS-TF-287	99.0	99.0	85.0
TITANIUM 2LS (PPG-TF-152)	99.0	99.0	85.0
PPG-TF-169	99.0	97.7	85.0
PSG-TT4	99.0	98.0	85.0
4TH MILLENNIUM SRP (U43)	99.0	98.3	85.0
PPG-TF-172	99.0	98.7	84.7
FRONTLINE (EXP TF-09)	99.0	97.5	84.5
BAR FA 121095	96.0	95.7	84.3
COMP. RES. SST	98.7	95.3	84.3
IS-TF 285	99.0	99.0	84.3
DYNAMITE LS (PPG-TF-145)	98.7	98.3	84.3
SWAGGER (PST-5R05)	99.0	99.0	84.3
RAD-TF-88	98.7	98.7	84.3
SALTILLO (PST-5SALT)	99.0	99.0	84.3
REGENERATE	99.0	96.0	83.7
PSG-P01	98.7	99.0	83.3
FIREWALL (PSG-WE1)	98.3	98.3	83.3
JS 819	98.0	97.0	82.7
MARAUDER	99.0	96.7	82.7
PSG-8BP2	99.0	99.0	82.7
PPG-TF-115	98.0	99.0	82.0
TURFWAY (IS-TF 282 M2)	99.0	98.7	81.7
ARES (PPG-TF-142)	98.7	99.0	81.7
RAD-TF-92	97.7	97.3	81.7
HOVER (BURL TF-69)	98.3	98.3	81.0
K12-05	98.3	93.0	81.0
ATF 1612	98.7	97.7	80.0
BAR FA 120878	98.3	95.0	80.0
FOXHOUND (IS-TF 284 M2)	98.3	99.0	80.0
IS-TF 305 SEL	99.0	99.0	79.3

TABLE 21. PERCENT LIVING GROUND COVER RATINGS OF TALL FESCUE CULTIVARS 1/
 (CONT'D) IN THE 2012 NATIONAL TALL FESCUE TEST AT UNIVERSITY PARK (TRAFFIC STUDY), PA 2/
 2014 DATA

NAME	BEFORE TRAFFIC 9_4	TRAFFIC 9_4	AFTER TRAFFIC 11_1
AVENGER II (PPG-TF-156)	99.0	97.3	79.3
BAR FA 121089	97.0	97.0	79.0
CAESAR (TY 10)	97.0	98.0	79.0
PPG-TF-151	99.0	98.5	79.0
B23	97.7	96.7	78.3
FALCON IV	99.0	98.7	78.3
RAD-TF-83	98.3	94.0	78.3
FESNOVA	97.3	97.7	77.0
BAR FA 121091	94.7	91.0	76.7
BIZEM	99.0	99.0	76.7
JS 809	99.0	97.7	76.7
MET-3	99.0	99.0	76.7
IS-TF 310 SEL	99.0	98.3	76.0
204 RES. BLK4	99.0	92.0	74.3
TERRANO	98.0	98.7	74.3
PST-5BPO	99.0	89.3	73.3
ROCKWELL (LTP-TWUU)	99.0	98.7	72.0
BLACK TAIL (PPG-TF-150)	99.0	95.0	71.0
MICHELANGELO (LTP-F5DPDR)	99.0	96.3	69.3
MAESTRO (T31)	99.0	92.7	69.3
K12-13	97.7	80.0	60.7
KY-31	98.7	90.7	60.0
LSD VALUE	2.1	10.4	19.5
C.V. (%)	0.9	4.0	9.8

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

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

TABLE 22.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT KNOXVILLE, TN 1/
2014 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	QUALITY RATINGS												MEAN
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
4TH MILLENNIUM SRP (U43)	8.3	5.0	7.7	7.3	8.0	7.3	7.3	8.3	8.3	8.0	8.3	8.3	8.0	7.3	7.9
F711	6.7	5.7	7.3	7.3	7.7	7.0	7.0	8.0	8.3	8.0	8.7	8.7	8.0	7.7	7.8
THOR (PPG-TF-157)	7.3	5.0	6.7	6.7	7.3	7.7	7.7	8.7	8.7	7.7	7.7	8.7	8.0	7.7	7.8
ATF 1612	7.7	5.0	7.7	6.7	8.0	7.0	7.7	8.0	8.0	8.0	8.0	8.3	8.0	7.3	7.7
GTO (BURL TF-2)	7.3	5.0	7.3	6.7	7.7	7.0	7.7	8.0	8.3	7.3	8.3	8.7	8.0	7.7	7.7
FAYETTE (IS-TF 291)	8.0	4.7	7.7	7.0	8.0	7.3	7.3	8.3	7.7	6.7	8.7	8.3	8.0	7.3	7.7
IS-TF 308 SEL	7.3	5.0	7.0	6.7	7.3	7.7	7.3	8.0	8.3	7.3	8.0	8.7	8.0	7.7	7.7
MET 1	7.3	5.3	7.3	7.0	7.7	7.0	7.0	8.0	8.0	8.0	8.7	8.3	8.0	7.7	7.7
RAPTOR III (ZW 44)	8.0	4.7	6.7	6.7	7.3	7.3	7.7	8.3	8.3	7.3	8.3	8.7	7.7	7.7	7.7
B23	8.3	5.0	7.0	6.3	7.7	7.7	7.7	8.3	8.3	8.0	7.3	8.0	7.7	7.0	7.6
CAESAR (TY 10)	7.3	4.7	7.0	6.7	7.3	7.0	7.0	8.0	8.3	8.0	8.3	8.0	8.0	7.0	7.6
COMP. RES. SST	7.0	5.0	7.3	7.3	7.0	7.7	7.7	7.7	8.3	7.0	7.7	8.3	7.7	7.3	7.6
DZ1	8.0	4.3	7.0	6.3	7.0	7.0	6.7	8.3	8.3	8.0	8.7	8.3	8.0	7.0	7.6
FIREBIRD 2	7.7	4.7	6.3	6.7	7.3	7.0	7.3	8.3	8.3	8.0	8.3	8.0	8.0	7.0	7.6
GRANDE 3	7.0	5.0	7.3	7.0	8.0	7.0	7.0	8.0	8.3	7.0	8.3	8.0	8.0	7.0	7.6
MICHELANGELO (LTP-F5DPDR)	7.7	5.0	7.0	6.7	8.0	7.3	7.3	7.7	8.3	8.0	7.7	8.0	8.0	7.0	7.6
FIRECRACKER SLS (PPG-TF-105)	6.7	4.3	6.3	6.3	7.3	8.0	7.0	8.0	8.0	8.0	8.3	8.3	8.0	7.3	7.6
PPG-TF-135	7.7	4.3	6.3	6.3	7.7	7.0	7.3	8.7	8.7	8.0	7.3	8.3	8.0	7.7	7.6
TITANIUM 2LS (PPG-TF-152)	6.7	5.0	6.7	6.7	7.3	7.7	7.0	8.3	8.3	8.0	8.3	8.0	8.0	7.0	7.6
PPG-TF-169	7.7	5.7	7.3	7.7	7.3	7.3	7.0	8.3	8.7	7.3	7.0	8.0	8.0	7.0	7.6
FIREWALL (PSG-WE1)	7.7	5.0	7.0	6.3	7.0	7.3	8.0	8.3	8.0	7.7	7.3	8.3	8.0	7.7	7.6
REFLECTION (U45)	7.3	5.3	7.3	7.0	7.3	6.7	7.3	8.0	8.0	7.7	8.0	8.3	8.0	7.3	7.6
ATF 1754	6.7	5.0	6.7	6.3	7.7	7.0	7.0	7.7	8.0	8.0	8.0	8.3	8.0	7.3	7.5
KINGDOM (DB1)	8.7	5.0	7.3	7.7	6.3	7.3	7.0	8.0	8.0	7.3	8.0	8.0	8.0	7.0	7.5
HOT ROD (BURL TF-136)	7.0	4.7	6.7	6.0	7.3	7.0	7.0	8.0	8.3	7.7	7.7	9.0	8.0	7.7	7.5
IS-TF 269 SEL	6.7	4.7	6.7	6.0	6.7	7.3	7.3	8.7	8.7	7.7	7.7	8.0	8.0	7.0	7.5
IS-TF 305 SEL	7.7	4.7	6.7	6.0	6.7	7.3	7.3	8.7	8.3	8.0	7.7	8.0	8.0	7.0	7.5
IS-TF 310 SEL	8.0	4.3	6.3	6.0	6.7	7.7	7.3	8.7	8.3	6.7	8.3	8.3	8.0	7.3	7.5
DIABLO (IS-TF 330)	8.3	4.7	6.0	6.0	6.7	7.3	8.0	8.7	8.0	8.0	8.7	8.0	8.0	7.0	7.5
LEONARDO (LTP-FSD)	7.3	5.3	6.7	6.3	7.0	7.0	7.0	8.3	8.3	8.0	7.7	8.3	8.0	7.0	7.5
PPG-TF-115	7.3	5.3	7.0	7.0	7.3	7.3	7.0	8.0	8.3	6.7	7.7	8.0	8.0	7.3	7.5
SCREAMER LS (PPG-TF-148)	6.3	4.3	6.0	5.3	7.0	8.0	7.3	8.3	8.3	7.7	8.0	8.3	8.0	7.7	7.5
AVENGER II (PPG-TF-156)	6.3	5.0	6.7	6.0	7.0	7.3	7.3	8.0	8.3	7.7	7.7	8.3	8.0	7.3	7.5
PPG-TF-170	7.3	4.3	6.7	6.0	7.3	7.3	7.0	8.3	8.3	8.0	8.0	8.0	8.0	7.3	7.5
PSG-P01	6.7	5.3	7.0	6.7	7.7	7.0	7.0	8.0	8.3	8.0	7.0	8.0	8.0	7.0	7.5
RHAMBLER 2 SRP (LSD)	7.7	5.0	6.3	6.0	7.0	7.7	7.7	8.3	7.7	8.0	8.3	8.3	7.7	7.3	7.5
THUNDERSTRUCK (TD1)	7.0	5.7	7.7	7.7	6.7	7.0	6.0	8.0	8.0	7.7	8.0	8.0	8.0	7.0	7.5
TERRANO	7.0	4.3	6.3	6.0	7.0	8.0	7.3	8.0	7.3	8.0	7.7	8.7	8.0	7.7	7.5
204 RES. BLK4	6.7	4.7	6.7	6.0	7.3	8.0	8.7	7.7	7.0	6.7	6.7	8.3	8.0	7.3	7.4
ATF 1736	6.7	5.0	6.0	6.0	7.0	7.0	7.3	7.7	8.0	8.0	8.7	8.3	8.0	7.3	7.4
CATALYST	6.7	5.0	6.7	6.3	7.7	7.0	7.7	7.7	8.0	7.3	7.0	8.3	7.7	7.3	7.4
CCR2	6.7	4.3	6.0	5.7	7.3	7.3	7.3	8.0	8.3	8.0	7.0	8.3	8.0	7.0	7.4
FALCON IV	7.3	5.0	7.0	6.7	7.3	7.3	7.0	7.3	8.0	7.0	8.0	8.0	8.0	7.3	7.4
IS-TF 272	7.7	4.0	6.3	5.7	6.0	8.3	7.7	8.7	7.7	7.3	7.3	8.3	8.0	7.3	7.4
IS-TF 311	6.7	4.3	6.7	6.0	7.0	7.7	7.0	7.7	8.0	7.3	8.3	8.0	8.0	7.0	7.4

TABLE 22. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT KNOXVILLE, TN 1/
2014 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	QUALITY RATINGS												MEAN
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
IS-TF-287	6.7	4.7	6.0	5.7	7.0	8.0	7.3	8.0	8.0	7.3	7.7	8.0	8.0	7.3	7.4
K12-MCD	6.7	4.7	6.0	6.0	7.0	8.0	7.3	8.0	8.3	7.7	7.3	8.3	8.0	7.3	7.4
ROCKWELL (LTP-TWUU)	6.7	5.0	6.7	6.0	7.0	7.7	7.0	7.7	8.0	8.0	7.3	8.7	8.0	7.0	7.4
MARAUDER	6.7	4.7	7.3	7.0	6.7	7.7	8.3	7.7	7.7	5.3	8.0	8.3	7.3	7.3	7.4
PPG-TF-137	7.0	4.7	6.3	6.0	7.0	7.0	8.0	8.7	8.3	7.7	7.0	8.0	8.0	7.0	7.4
XTENDER (PPG-TF-139)	8.0	5.0	6.3	6.3	7.3	7.3	7.3	8.0	8.0	6.7	8.7	8.0	8.0	7.0	7.4
ARES (PPG-TF-142)	8.0	4.7	6.7	6.0	6.7	7.7	7.3	8.0	8.0	7.3	8.0	8.0	8.0	7.3	7.4
DYNAMITE LS (PPG-TF-145)	7.0	5.0	7.3	6.3	6.7	7.3	6.7	8.0	8.7	6.0	7.7	8.3	8.0	7.3	7.4
PPG-TF-151	7.3	4.7	6.3	5.7	7.0	7.3	7.0	8.0	8.0	8.0	8.3	8.0	8.0	7.0	7.4
PPG-TF-172	7.3	4.7	6.0	5.7	6.7	8.0	8.3	8.3	7.7	7.0	7.7	8.0	8.0	7.0	7.4
PST-5BRK	7.3	4.7	5.7	5.3	7.0	7.7	7.7	8.0	8.7	7.3	8.3	8.0	8.0	7.0	7.4
PST-5EX2	6.7	3.7	5.3	4.7	7.3	7.7	7.7	7.7	8.7	8.0	8.3	8.0	8.0	7.0	7.4
TECHNIQUE (RZ2)	7.3	4.3	5.7	5.3	6.7	7.7	8.0	8.0	8.3	7.3	7.7	8.3	8.0	7.3	7.4
ROWDY (SRX-TPC)	7.0	5.0	7.0	6.7	7.0	7.0	7.3	7.7	7.7	7.7	7.7	8.0	8.0	7.0	7.4
TEMPTATION (OR-21)	7.0	4.3	6.3	6.3	7.0	7.3	7.7	7.3	7.7	7.3	8.0	8.3	8.0	7.3	7.4
TRAVERSE 2 SRP (W45)	6.7	4.3	7.0	6.7	7.3	7.3	7.0	7.7	8.0	7.3	7.7	8.3	7.7	7.0	7.4
ATF 1704	6.7	5.3	6.0	6.0	7.0	7.3	7.7	7.7	8.0	7.3	8.0	8.0	8.0	7.0	7.3
BULLSEYE	7.3	4.7	6.7	6.7	7.3	7.3	6.7	8.0	8.0	8.0	6.7	8.0	7.3	7.0	7.3
HOVER (BURL TF-69)	7.3	4.0	6.7	6.7	7.0	7.0	6.7	8.0	8.0	7.7	7.0	8.0	7.7	7.3	7.3
FALCON V	6.7	4.7	6.7	6.3	7.7	7.0	7.3	7.7	8.3	6.7	7.3	8.0	8.0	7.0	7.3
HEMI	6.7	4.7	6.3	6.0	6.7	7.0	7.0	7.7	8.0	8.0	8.0	8.3	8.0	7.0	7.3
IS-TF 276 M2	7.3	4.7	6.7	6.3	7.0	7.3	7.0	8.0	8.0	7.0	7.7	8.0	7.7	7.0	7.3
TURFWAY (IS-TF 282 M2)	8.0	4.3	6.0	5.7	7.0	7.7	8.3	8.3	8.3	6.3	7.7	8.3	7.3	7.0	7.3
IS-TF 285	7.7	4.3	6.0	5.3	6.7	7.7	7.7	8.0	8.0	7.7	7.7	8.0	8.0	7.0	7.3
IS-TF 307 SEL	7.7	4.3	6.0	5.7	6.7	7.7	8.0	8.3	8.0	6.3	7.7	8.3	8.0	7.3	7.3
JS 818	7.0	4.0	6.0	5.7	6.3	7.7	7.0	7.3	8.0	7.7	8.3	8.0	8.0	7.0	7.3
MET 6 SEL	6.7	4.7	6.3	5.3	7.0	7.3	7.3	8.0	8.3	8.0	7.0	8.3	7.7	7.3	7.3
MET-3	7.0	4.7	6.3	6.3	7.0	7.0	6.7	8.0	8.0	7.7	8.0	8.0	8.0	7.0	7.3
PICK-W43	7.7	5.0	6.7	6.0	7.3	7.0	8.0	8.7	7.3	6.7	6.3	8.3	7.7	7.3	7.3
PSG-GSD	7.0	4.7	6.0	5.7	7.0	7.3	6.7	7.7	8.0	7.7	8.3	8.0	8.0	7.3	7.3
PST-5EV2	7.3	4.3	5.7	5.0	6.3	7.7	8.0	8.0	7.7	7.3	8.3	8.3	7.7	7.3	7.3
MERIDIAN (PST-5GRB)	6.7	4.7	5.3	5.3	6.3	8.0	7.7	7.7	7.3	7.0	8.7	8.7	8.0	7.7	7.3
SWAGGER (PST-5R05)	7.3	3.7	5.0	4.7	6.3	7.7	8.0	8.3	8.7	8.0	8.7	8.0	7.7	7.0	7.3
RAD-TF-88	8.0	4.7	7.7	7.3	7.0	7.0	7.0	8.0	8.0	7.7	6.3	7.7	7.3	6.7	7.3
REGENERATE	7.0	4.0	6.0	5.7	7.0	7.7	7.7	8.0	8.0	6.7	7.0	8.3	8.0	7.3	7.3
MAESTRO (T31)	6.7	4.7	6.3	6.0	7.0	7.0	6.7	7.7	7.7	7.7	7.7	8.3	8.0	7.0	7.3
W41	6.7	5.3	7.3	7.0	7.3	7.0	6.7	8.0	8.0	6.3	7.3	8.0	8.0	7.0	7.3
WARHAWK	7.0	4.7	7.7	6.7	7.0	8.0	8.3	7.7	7.3	5.0	7.7	8.0	7.3	7.0	7.3
ANNIHILATOR	7.0	4.3	6.3	6.7	6.3	7.7	7.3	7.3	8.0	7.0	7.7	8.0	7.3	7.0	7.2
BAR FA 121089	7.3	4.3	6.0	6.0	6.3	7.0	7.7	8.0	7.7	7.3	8.0	8.0	7.7	7.0	7.2
FAITH	7.3	4.7	6.0	6.0	7.0	7.7	7.0	8.0	8.0	5.7	7.3	8.3	8.0	7.3	7.2
FESNOVA	7.7	4.3	5.7	5.0	6.0	7.7	8.0	8.0	8.0	7.0	8.0	8.0	8.0	7.0	7.2
FOXHOUND (IS-TF 284 M2)	8.0	4.0	6.0	5.3	5.7	7.7	7.7	8.0	7.7	7.0	8.3	8.0	8.0	7.3	7.2
IS-TF 289	7.3	4.7	6.3	5.7	6.7	8.3	7.0	7.7	7.7	6.7	7.3	8.0	8.0	7.0	7.2
PPG-TF-138	7.3	4.7	6.0	5.3	6.7	8.0	7.0	7.7	8.0	6.7	7.7	8.3	8.0	7.3	7.2

TABLE 22. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT KNOXVILLE, TN 1/
2014 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	QUALITY RATINGS												MEAN
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
RAD-TF-92	7.7	4.3	6.7	6.3	6.7	7.0	7.0	7.7	8.0	7.7	7.0	8.0	7.7	7.0	7.2
SALTILLO (PST-5SALT)	7.0	4.0	5.3	5.0	5.3	8.0	8.3	7.7	8.0	7.7	7.7	8.0	8.0	7.0	7.2
BAR FA 121091	6.7	5.0	6.7	6.3	6.7	7.0	6.0	7.3	8.0	6.0	8.0	8.0	7.7	7.0	7.1
BAR FA 121095	7.7	4.7	6.7	6.7	6.0	7.0	6.7	7.7	8.0	6.3	7.3	8.3	7.7	7.3	7.1
BIZEM	6.7	4.3	5.3	5.3	6.7	7.3	7.3	7.7	8.0	5.7	8.3	8.7	7.7	7.3	7.1
GO-DFR	7.0	4.3	6.3	6.0	6.0	8.0	7.0	7.3	7.3	7.0	7.7	8.0	8.0	7.0	7.1
INSPIRATION (PST-R5NW)	7.3	4.7	5.7	5.7	6.3	7.0	6.7	7.7	8.0	7.0	8.0	8.0	7.7	7.0	7.1
BLACK TAIL (PPG-TF-150)	6.3	4.7	5.7	6.0	7.0	8.0	6.7	7.7	8.0	6.3	7.3	8.0	7.3	7.0	7.1
PST-5BP0	6.7	4.7	5.7	5.3	6.7	7.3	7.3	8.0	7.7	6.3	8.0	8.0	7.7	7.0	7.1
PST-5DZP	7.0	4.7	6.0	6.0	7.0	7.3	7.0	8.0	8.0	5.7	7.7	8.0	7.7	7.0	7.1
RAD-TF-83	7.7	4.3	7.3	7.0	6.3	7.0	6.7	8.0	7.3	6.3	6.0	8.0	7.7	7.0	7.1
RAD-TF-89	7.3	4.3	7.0	6.7	7.0	6.7	7.3	8.0	7.3	6.3	6.3	8.0	7.7	7.0	7.1
PSG-8BP2	7.0	3.7	5.0	5.0	6.3	7.3	6.3	7.0	8.0	8.0	8.3	8.0	7.7	7.0	7.0
AQUADUCT	6.3	4.3	5.7	5.3	6.3	7.0	6.3	7.0	8.0	6.3	8.0	8.0	7.7	7.0	6.9
FRONTLINE (EXP TF-09)	6.7	4.0	5.3	5.3	6.3	7.7	7.0	7.0	7.3	6.0	8.3	8.0	7.7	7.0	6.9
JS 819	6.3	3.7	5.7	5.0	5.7	8.3	7.0	7.3	7.0	6.3	8.0	8.0	7.7	7.0	6.9
JS 916	7.7	4.0	5.3	5.0	6.0	7.7	7.3	7.7	6.7	6.7	7.3	8.3	8.0	7.0	6.9
K12-05	6.7	3.7	5.7	4.7	6.0	8.0	7.0	7.3	7.7	6.7	7.7	8.0	7.3	7.0	6.9
PSG-TT4	6.7	4.3	5.3	5.3	6.3	7.7	7.3	7.3	7.0	6.3	8.0	8.0	7.0	7.0	6.9
PST-5MVD	6.7	4.7	5.3	5.3	5.7	7.7	7.0	8.0	6.7	6.3	7.3	8.0	8.0	7.3	6.9
RAIN DANCE (PST-5SDT)	6.3	4.3	6.0	5.3	7.0	7.0	6.3	8.0	7.3	6.7	7.7	7.7	7.7	6.7	6.9
BAR FA 120878	6.0	4.7	5.3	5.3	6.0	7.0	6.3	7.0	8.0	6.3	8.0	8.0	7.7	6.0	6.8
JS 809	7.0	4.0	6.0	5.7	5.7	7.7	7.3	7.7	7.3	5.3	7.3	7.7	7.3	6.7	6.8
JS 825	6.7	4.3	6.3	6.0	6.3	7.0	6.0	7.7	6.7	5.3	7.3	8.0	7.0	7.0	6.7
K12-13	7.3	3.0	5.0	4.0	5.0	8.0	7.0	8.0	7.0	6.3	7.7	8.3	7.7	7.3	6.7
KY-31	4.0	4.7	5.7	5.0	6.7	7.3	6.7	5.7	5.0	4.3	5.7	6.3	5.7	5.0	5.8
LSD VALUE	1.3	1.2	1.7	1.5	1.9	1.1	1.4	0.9	1.4	1.6	2.0	1.0	0.6	0.8	0.5
C.V. (%)	9.8	12.4	12.8	13.0	11.6	6.7	9.1	6.3	8.3	12.2	10.6	5.1	4.4	5.5	3.9

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

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

TABLE 23.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT KNOXVILLE (TRAFFIC STUDY), TN 1/
2014 DATA

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

TRAFFIC NAME	GENETIC COLOR	SPRING GREENUP	QUALITY RATINGS								QUALITY RATINGS AFTER TRAFFIC RECOVERY FROM				
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	PRETRAFFIC SEP 12	OCT 17 10 GAME	NOV 10 20 GAME	NOV 24 2-WEEKS	DEC 8 1-MONTH
ATF 1736	7.7	6.7	5.3	5.7	7.3	8.0	7.0	8.7	8.7	8.3	8.7	7.0	7.3	7.0	7.0
GRANDE 3	7.7	7.0	6.0	6.0	7.7	8.0	7.0	9.0	9.0	8.0	8.7	7.0	7.3	6.7	7.0
HEMI	8.3	7.0	6.0	5.7	7.7	8.3	7.0	8.3	8.3	8.3	8.7	6.7	7.3	7.0	7.0
PPG-TF-115	7.7	7.0	6.0	6.0	7.0	7.7	7.0	8.0	8.0	8.0	8.3	7.3	7.3	7.3	7.0
ARES (PPG-TF-142)	8.3	7.0	6.0	6.0	7.3	8.0	7.7	9.0	9.0	8.0	9.0	6.7	6.7	7.3	7.0
RAD-TF-89	7.3	6.7	5.3	6.0	7.0	7.0	7.0	8.7	8.7	8.0	8.7	7.0	7.0	6.7	7.0
TRAVERSE 2 SRP (W45)	7.7	6.7	5.7	6.0	7.7	8.0	7.0	8.7	8.7	8.3	9.0	6.7	7.0	6.7	7.0
WARHAWK	8.0	7.0	6.0	6.0	7.7	7.7	7.0	8.3	8.3	8.3	8.0	7.3	7.3	6.7	7.0
ATF 1704	7.7	6.7	5.7	5.7	7.3	8.3	7.0	8.3	8.3	8.7	8.7	6.7	6.7	6.7	6.7
BAR FA 121091	7.3	6.3	5.3	5.7	6.7	6.7	7.0	9.0	9.0	8.0	8.3	7.3	7.0	6.7	6.7
CATALYST	7.7	6.3	5.3	5.7	7.0	7.7	7.0	8.7	8.7	8.0	8.7	6.3	6.7	6.0	6.7
FALCON IV	6.7	7.3	6.0	6.3	7.7	8.0	6.7	8.3	8.3	8.3	8.3	7.3	7.0	7.0	6.7
FIREBIRD 2	6.7	6.7	5.7	5.7	6.7	7.0	6.3	8.3	8.3	8.0	9.0	6.0	6.7	6.7	6.7
FRONTLINE (EXP TF-09)	7.7	6.3	5.3	5.7	7.3	7.3	7.0	8.7	8.7	8.0	8.7	6.7	6.7	6.0	6.7
HOT ROD (BURL TF-136)	7.7	6.7	5.7	5.7	7.7	7.7	7.0	9.0	9.0	8.0	9.0	6.7	6.7	6.3	6.7
FOXHOUND (IS-TF 284 M2)	7.7	6.7	5.7	5.7	7.3	8.3	7.0	8.7	8.7	8.0	8.3	7.0	7.7	7.3	6.7
IS-TF 285	7.3	6.3	5.3	5.3	6.7	6.7	7.0	8.7	8.7	8.0	9.0	7.0	7.0	6.7	6.7
FAYETTE (IS-TF 291)	9.0	6.7	5.7	5.7	7.3	7.0	7.0	8.7	8.7	8.3	8.7	6.7	7.3	7.0	6.7
IS-TF 305 SEL	8.0	7.0	6.0	6.0	7.3	8.3	7.0	8.7	8.7	8.3	9.0	6.7	7.0	6.7	6.7
DIABLO (IS-TF 330)	8.0	7.0	6.0	6.0	6.7	7.0	7.3	9.0	9.0	8.3	9.0	7.3	7.3	7.0	6.7
K12-05	7.3	6.3	5.3	5.3	6.7	7.7	7.3	9.0	9.0	8.0	9.0	7.0	6.3	6.3	6.7
FIRECRACKER SLS (PPG-TF-105)	8.0	6.7	5.7	5.7	7.7	7.7	7.0	9.0	9.0	8.3	8.7	6.7	6.7	6.7	6.7
AVENGER II (PPG-TF-156)	7.7	7.0	6.0	6.0	8.0	8.0	7.0	8.7	8.7	8.0	9.0	6.7	7.3	6.7	6.7
PPG-TF-169	7.3	6.7	5.7	5.7	7.7	8.0	7.0	9.0	9.0	8.0	8.3	6.3	7.0	6.7	6.7
PPG-TF-172	7.3	6.7	5.7	5.7	7.0	7.7	7.7	9.0	9.0	8.0	8.3	6.7	7.0	6.7	6.7
FIREWALL (PSG-WE1)	7.7	7.0	6.0	6.0	7.7	8.3	7.0	9.0	9.0	8.0	9.0	7.3	7.0	6.7	6.7
PST-5DZP	7.3	7.0	6.0	6.0	7.7	8.3	7.0	9.0	9.0	8.0	8.7	7.7	7.3	6.3	6.7
SWAGGER (PST-5R05)	6.3	6.7	4.0	5.7	7.3	8.0	7.0	8.3	8.3	8.0	8.7	7.3	6.7	6.3	6.7
MAESTRO (T31)	8.0	6.7	5.7	5.7	7.0	7.7	7.0	9.0	9.0	8.0	9.0	7.0	7.0	6.7	6.7
THUNDERSTRUCK (TD1)	8.0	6.7	5.7	6.0	7.3	7.7	7.0	9.0	9.0	8.3	8.7	7.0	6.7	7.0	6.7
TEMPTATION (OR-21)	7.3	7.0	6.0	6.0	7.3	8.0	7.0	8.3	8.3	8.0	9.0	7.7	7.3	7.0	6.7
RAPTOR III (ZW 44)	8.0	6.7	6.0	5.7	7.3	8.0	7.0	8.7	8.7	8.0	8.7	6.0	6.7	6.0	6.7
204 RES. BLK4	8.0	5.3	5.0	5.0	6.0	6.3	7.0	8.3	8.3	8.7	7.3	6.0	6.3	5.7	6.3
AQUADUCT	7.3	6.7	5.7	5.7	7.0	7.3	6.3	8.0	8.0	8.0	8.0	6.7	6.7	6.0	6.3
ATF 1612	8.3	6.7	5.7	5.7	7.3	8.0	7.0	8.7	8.7	8.3	9.0	6.7	7.0	7.0	6.3
ATF 1754	8.0	7.0	5.7	6.0	7.7	8.0	6.7	8.0	8.0	8.0	8.3	6.7	7.0	7.0	6.3
BAR FA 121089	6.7	6.3	5.3	5.3	7.7	8.0	6.7	8.0	8.0	8.0	8.7	7.0	7.3	7.0	6.3
BAR FA 121095	7.0	6.3	5.3	5.7	6.3	6.3	7.0	8.7	8.7	8.3	8.7	6.3	6.7	6.3	6.3
BULLSEYE	7.7	7.0	6.0	6.0	7.0	8.0	7.0	8.7	8.7	8.0	9.0	6.7	6.7	6.7	6.3
COMP. RES. SST	7.3	5.7	5.0	5.0	6.0	6.7	7.0	8.7	8.7	8.3	6.7	6.0	6.3	6.0	6.3
FALCON V	7.3	6.7	5.7	5.7	7.0	8.0	7.0	8.0	8.0	8.3	8.7	6.7	7.0	6.7	6.3
FESNOVA	7.3	6.3	5.3	5.3	7.7	7.3	7.3	8.0	8.0	8.3	9.0	6.7	6.3	6.3	6.3
GO-DFR	7.0	6.7	5.7	5.7	7.0	7.7	7.0	8.7	8.7	8.0	8.7	7.3	6.7	7.0	6.3
GTO (BURL TF-2)	7.7	6.7	5.7	5.7	7.0	7.7	7.0	9.0	9.0	8.0	8.7	7.3	7.0	6.3	6.3
INSPIRATION (PST-R5NW)	7.0	7.0	5.7	6.0	6.7	7.7	7.0	8.7	8.7	8.0	8.7	7.0	6.7	6.7	6.3

TABLE 23. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT KNOXVILLE (TRAFFIC STUDY), TN 1/
2014 DATA

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

TRAFFIC NAME	QUALITY RATINGS										QUALITY RATINGS AFTER TRAFFIC RECOVERY FROM				
	GENETIC COLOR	SPRING GREENUP	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	PRETRAFFIC SEP 12	OCT 17 10 GAME	NOV 10 20 GAME	NOV 24 2-WEEKS	DEC 8 1-MONTH
IS-TF 272	7.7	6.7	5.7	5.7	7.0	7.7	8.0	9.0	9.0	8.7	9.0	7.3	7.3	7.0	6.3
IS-TF 276 M2	8.0	7.0	6.0	6.0	7.0	7.3	7.0	9.0	9.0	8.0	8.7	6.7	7.3	6.7	6.3
IS-TF 289	8.0	7.0	6.0	6.0	7.0	7.7	7.7	8.7	8.7	8.0	9.0	7.3	7.3	7.0	6.3
IS-TF 307 SEL	7.7	7.0	5.7	5.7	7.3	8.0	7.0	8.7	8.7	8.3	8.3	6.7	6.7	6.3	6.3
IS-TF 308 SEL	8.0	7.0	6.0	6.0	7.7	8.3	7.0	9.0	9.0	8.3	9.0	7.0	6.3	6.0	6.3
IS-TF 310 SEL	8.3	7.0	6.0	6.0	7.0	7.3	7.7	9.0	9.0	8.0	9.0	6.7	6.7	6.7	6.3
IS-TF 311	8.3	6.7	5.7	5.7	7.3	8.0	7.0	8.3	8.3	8.7	8.7	7.0	6.7	6.3	6.3
K12-MCD	6.7	6.7	5.3	5.3	7.3	7.0	7.0	8.3	8.3	8.3	8.3	6.3	6.7	6.0	6.3
LEONARDO (LTP-FSD)	7.7	6.3	5.3	5.7	7.3	7.7	7.0	8.3	8.3	8.0	9.0	6.3	6.3	6.3	6.3
MET 1	8.0	5.7	5.0	5.0	7.0	6.7	6.7	9.0	9.0	8.0	8.7	6.3	6.7	6.3	6.3
PICK-W43	8.7	6.3	5.3	5.7	7.3	7.7	7.0	9.0	9.0	8.3	9.0	6.7	7.0	6.7	6.3
XTENDER (PPG-TF-139)	7.3	6.3	5.3	5.3	5.7	6.7	7.3	9.0	9.0	8.3	8.7	6.7	6.7	6.7	6.3
DYNAMITE LS (PPG-TF-145)	7.7	7.0	6.0	5.7	6.3	7.3	7.0	8.7	8.7	8.0	9.0	7.3	7.0	6.3	6.3
SCREAMER LS (PPG-TF-148)	7.3	6.7	5.7	5.7	7.0	8.0	7.0	9.0	9.0	8.3	8.3	6.7	6.3	6.3	6.3
PPG-TF-151	7.3	6.3	5.3	5.3	7.7	8.3	7.0	9.0	9.0	8.3	9.0	7.0	7.0	7.0	6.3
PSG-P01	8.3	7.0	6.0	5.7	7.3	8.3	7.0	8.7	8.7	8.0	8.7	7.0	6.7	6.7	6.3
RAD-TF-92	7.3	6.7	5.7	5.7	7.7	8.0	7.0	8.7	8.7	8.3	9.0	6.7	6.7	6.7	6.3
RHAMBLER 2 SRP (LSD)	8.3	6.3	5.7	5.7	7.0	7.7	7.0	8.3	8.3	8.3	9.0	6.3	6.7	6.3	6.3
SALTILLO (PST-5SALT)	6.0	7.0	5.7	6.0	6.3	7.3	7.0	8.7	8.7	8.3	8.7	7.3	6.7	6.3	6.3
ROWDY (SRX-TPC)	7.3	7.0	6.0	6.0	7.7	7.7	7.0	9.0	9.0	8.3	8.7	7.3	7.3	6.3	6.3
TERRANO	7.3	6.3	5.3	5.7	7.0	7.3	7.0	8.7	9.0	8.0	9.0	7.0	6.3	6.3	6.3
REFLECTION (U45)	8.0	6.0	5.3	5.3	7.3	7.7	7.0	8.3	8.3	8.0	9.0	7.3	7.7	6.3	6.3
W41	7.3	6.7	5.0	5.7	6.3	7.0	7.0	9.0	9.0	8.3	8.7	6.7	6.7	6.3	6.3
ANNIHILATOR	8.0	6.0	5.0	5.0	6.3	7.0	7.0	8.3	8.3	8.3	7.3	5.3	6.0	5.7	6.0
HOVER (BURL TF-69)	6.3	6.7	5.7	5.7	7.3	7.7	7.0	9.0	9.0	8.0	8.0	6.7	6.3	6.0	6.0
CAESAR (TY 10)	8.0	5.7	5.0	5.3	6.7	6.7	7.0	8.3	8.3	7.7	8.7	6.0	5.7	6.7	6.0
CCR2	7.3	6.7	5.7	5.7	7.3	8.0	7.0	9.0	9.0	8.0	9.0	6.7	6.3	5.7	6.0
DZ1	7.3	6.3	5.3	5.3	6.0	6.0	6.0	8.3	8.3	7.3	8.7	6.0	6.3	6.3	6.0
F711	7.7	5.3	5.0	5.3	6.3	6.3	6.7	8.7	8.7	7.7	8.7	6.3	6.7	6.3	6.0
FAITH	7.7	6.7	5.7	5.7	7.3	8.0	7.0	8.7	8.7	8.7	9.0	7.7	6.7	6.3	6.0
IS-TF 269 SEL	7.7	6.7	5.7	5.7	7.3	7.7	7.0	9.0	9.0	8.3	9.0	7.0	6.7	6.3	6.0
TURFWAY (IS-TF 282 M2)	8.0	6.7	5.7	5.7	8.0	7.7	7.0	9.0	9.0	8.0	9.0	7.0	7.0	6.0	6.0
IS-TF-287	7.7	6.3	5.3	5.7	7.3	7.3	7.0	8.7	8.7	8.0	8.3	6.7	6.3	6.3	6.0
ROCKWELL (LTP-TWUU)	9.0	6.0	5.0	5.0	7.0	8.0	7.0	9.0	9.0	8.3	8.7	7.0	7.0	7.0	6.0
MARAUDER	7.3	5.3	5.0	5.3	6.0	7.0	7.0	8.3	8.3	8.3	7.3	6.3	6.0	5.7	6.0
MET 6 SEL	7.3	6.0	5.0	5.0	5.3	6.7	7.0	8.7	8.7	8.7	9.0	6.3	6.0	5.3	6.0
MET-3	7.3	6.7	5.7	6.0	7.3	8.3	7.0	9.0	9.0	8.0	9.0	7.0	7.0	6.7	6.0
PPG-TF-135	7.3	6.3	5.3	5.7	6.0	6.7	7.0	8.7	8.7	8.0	9.0	6.0	6.3	5.7	6.0
PPG-TF-138	7.3	6.3	5.3	5.3	6.3	6.3	6.7	8.7	8.7	8.0	8.7	6.3	6.7	6.0	6.0
TITANIUM 2LS (PPG-TF-152)	7.3	6.7	5.7	5.7	7.3	7.7	7.0	8.7	8.7	8.7	8.3	6.7	7.0	6.7	6.0
THOR (PPG-TF-157)	8.3	6.7	5.7	5.7	7.3	7.7	7.3	9.0	9.0	8.7	9.0	7.0	7.0	6.7	6.0
PPG-TF-170	8.0	6.3	5.3	5.3	6.7	6.7	7.0	9.0	9.0	8.7	8.7	6.3	6.7	6.3	6.0
PSG-8BP2	6.7	7.0	6.0	6.0	7.0	8.3	6.3	8.3	8.3	7.7	8.7	7.0	7.0	6.3	6.0
PSG-GSD	7.7	6.0	5.0	5.3	6.7	7.0	7.0	8.0	8.0	8.0	8.3	6.3	6.7	6.0	6.0
PST-5BPO	7.3	6.3	3.7	5.3	6.7	7.7	7.0	9.0	9.0	8.0	8.7	6.7	6.7	6.3	6.0

TABLE 23. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT KNOXVILLE (TRAFFIC STUDY), TN 1/
2014 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	QUALITY RATINGS								QUALITY RATINGS				
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	PRETRAFFIC SEP 12	AFTER TRAFFIC OCT 17 10 GAME	RECOVERY NOV 10 20 GAME	FROM TRAFFIC NOV 24 2-WEEKS	DEC 8 1-MONTH
PST-5MVD	7.3	6.3	5.3	5.0	6.3	7.3	7.3	9.0	9.0	8.3	8.7	6.7	6.0	5.7	6.0
RAD-TF-83	7.3	6.7	5.7	5.3	7.3	7.3	7.0	8.7	8.7	8.0	8.3	7.0	6.3	6.0	6.0
RAIN DANCE (PST-5SDT)	6.7	7.0	6.0	5.3	7.3	8.0	7.0	8.3	8.3	8.3	8.0	6.7	6.0	5.3	6.0
TECHNIQUE (RZ2)	7.0	6.0	5.3	5.3	6.7	7.3	7.0	9.0	9.0	8.3	8.7	6.0	6.3	5.7	6.0
4TH MILLENNIUM SRP (U43)	8.3	6.3	5.3	5.3	6.7	7.0	6.3	7.3	7.3	7.7	8.7	6.0	6.3	6.3	6.0
B23	8.3	6.7	5.7	5.7	7.7	8.0	7.7	9.0	9.0	8.3	9.0	5.7	6.0	6.0	5.7
BAR FA 120878	5.7	7.0	5.7	6.0	6.7	7.3	6.7	8.0	8.0	8.3	8.0	6.3	6.0	5.7	5.7
BIZEM	7.7	6.3	5.3	5.3	6.3	7.0	7.0	9.0	9.0	8.3	9.0	7.0	6.7	6.3	5.7
JS 809	8.3	6.3	5.3	5.3	7.0	7.0	7.0	9.0	9.0	8.0	8.7	6.0	6.3	6.0	5.7
JS 818	7.3	6.0	5.3	5.3	5.7	6.0	6.7	8.0	8.0	8.0	8.3	6.0	6.0	5.7	5.7
JS 819	7.7	6.3	5.7	5.7	7.0	7.0	6.7	8.3	8.3	8.3	8.7	6.0	6.7	6.3	5.7
JS 825	8.3	6.3	5.7	5.7	6.3	6.7	7.0	8.3	8.3	8.0	8.0	6.0	6.0	5.3	5.7
JS 916	7.0	6.0	5.3	5.3	5.3	6.0	6.7	8.3	8.3	8.0	9.0	5.7	6.0	6.0	5.7
K12-13	7.0	6.3	5.3	5.3	7.0	7.7	7.3	9.0	9.0	8.0	8.7	6.7	6.7	6.7	5.7
MICHELANGELO (LTP-F5DPDR)	7.3	6.3	5.3	5.7	7.0	7.0	7.0	8.3	8.3	8.0	8.7	6.0	6.3	5.7	5.7
PPG-TF-137	7.7	6.7	5.7	5.7	7.0	7.3	7.0	9.0	9.0	8.3	8.3	6.7	6.7	6.3	5.7
PSG-TT4	6.3	6.3	5.3	5.7	6.7	8.3	7.0	8.3	8.3	8.0	8.0	6.3	6.7	5.7	5.7
PST-5BRK	7.3	6.7	5.3	5.3	5.7	6.3	7.0	8.7	8.7	8.3	8.0	5.7	6.3	5.7	5.7
PST-5EV2	8.0	6.3	5.3	5.0	6.3	6.7	7.3	8.7	8.7	8.0	8.7	6.7	6.3	6.0	5.7
MERIDIAN (PST-5GRB)	7.0	6.7	5.7	5.7	6.7	8.0	7.7	9.0	9.0	8.7	8.7	7.0	7.0	6.7	5.7
RAD-TF-88	7.0	6.3	5.3	5.3	7.0	7.7	7.0	9.0	9.0	8.0	9.0	6.0	6.7	6.3	5.7
BLACK TAIL (PPG-TF-150)	7.3	6.7	5.7	5.7	7.0	7.3	7.0	8.7	8.7	8.3	8.7	6.0	6.3	5.7	5.3
PST-5EX2	5.7	6.0	5.0	5.0	6.0	7.0	5.7	8.0	8.0	7.7	8.3	5.3	6.0	5.3	5.3
REGENERATE	7.7	6.3	5.7	5.7	5.7	6.7	7.3	8.7	8.7	8.7	8.7	5.7	5.0	5.3	5.3
KINGDOM (DB1)	8.0	6.0	5.0	5.3	5.7	6.3	7.0	9.0	9.0	8.0	9.0	6.0	5.7	6.0	5.0
KY-31	3.7	6.0	5.0	5.3	6.3	7.3	5.7	7.0	5.0	5.0	5.3	5.0	4.7	4.7	5.0
LSD VALUE	1.4	1.5	.	.	.	.	.	.	.	.	0.8	2.4	2.7	2.6	3.3
C.V. (%)	9.9	8.7	.	.	.	.	.	.	.	.	5.7	12.0	11.6	12.3	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 23. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) IN THE 2012 NATIONAL TALL FESCUE TEST AT KNOXVILLE (TRAFFIC STUDY), TN 1/
2014 DATA

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

NAME	APRIL	PERCENT LIVING GROUND COVER RATINGS				
		PRETRAFFIC SEP 12	AFTER TRAFFIC OCT 17 10 GAME	NOV 10 20 GAME	RECOVERY FROM TRAFFIC NOV 24 2-WEEKS	DEC 8 1-MONTH
ATF 1736	95.3	96.3	86.7	67.0	38.0	54.3
GRANDE 3	94.3	96.7	84.0	60.3	31.0	44.3
HEMI	94.7	96.0	82.0	63.0	36.7	53.0
PPG-TF-115	92.7	97.7	88.3	63.3	36.7	53.0
ARES (PPG-TF-142)	93.0	97.0	82.3	58.3	39.3	51.0
RAD-TF-89	87.0	96.3	77.0	56.3	33.7	49.3
TRAVERSE 2 SRP (W45)	95.3	96.0	78.7	59.3	34.3	48.7
WARHAWK	93.0	95.0	86.0	60.0	33.7	50.7
ATF 1704	93.7	96.3	81.0	58.0	30.0	47.0
BAR FA 121091	85.3	97.0	82.3	56.7	37.0	49.0
CATALYST	88.7	96.0	74.0	49.7	25.0	37.3
FALCON IV	95.0	96.7	85.7	59.0	32.7	47.0
FIREBIRD 2	82.7	96.7	69.7	43.3	25.3	45.3
FRONTLINE (EXP TF-09)	92.3	97.0	74.7	48.0	27.3	48.7
HOT ROD (BURL TF-136)	93.3	96.0	78.7	56.0	31.0	48.0
FOXHOUND (IS-TF 284 M2)	95.3	97.0	81.7	62.3	39.0	52.0
IS-TF 285	85.0	97.3	79.0	53.0	29.3	42.0
FAYETTE (IS-TF 291)	89.7	97.3	77.0	54.0	31.7	45.3
IS-TF 305 SEL	95.0	96.7	79.7	56.3	33.0	47.7
DIABLO (IS-TF 330)	90.3	96.7	83.0	57.3	33.3	47.7
K12-05	89.0	97.0	81.0	52.7	32.7	46.0
FIRECRACKER SLS (PPG-TF-105)	90.3	97.7	82.7	54.7	31.7	51.3
AVENGER II (PPG-TF-156)	95.0	97.0	79.0	57.7	30.7	45.7
PPG-TF-169	93.3	96.0	79.0	57.7	34.3	51.0
PPG-TF-172	92.3	96.3	81.7	56.3	28.7	45.0
FIREWALL (PSG-WE1)	95.3	97.0	82.0	62.0	34.7	51.7
PST-5DZP	95.0	97.0	87.0	61.3	33.0	50.0
SWAGGER (PST-5R05)	93.3	96.7	84.0	52.0	31.7	46.7
MAESTRO (T31)	92.0	96.3	81.3	56.7	29.3	47.3
THUNDERSTRUCK (TD1)	92.0	96.7	80.7	56.3	33.0	49.0
TEMPTATION (OR-21)	93.0	97.0	82.3	57.3	34.3	48.7
RAPTOR III (ZW 44)	95.0	97.0	73.0	50.7	29.3	43.3
204 RES. BLK4	79.3	92.7	70.7	43.7	23.7	40.7
AQUADUCT	91.3	95.7	80.7	53.0	23.7	40.3
ATF 1612	94.3	96.7	79.3	54.0	29.7	45.7
ATF 1754	95.3	96.3	80.3	56.7	33.3	50.7
BAR FA 121089	93.0	96.3	81.3	60.3	36.0	52.0
BAR FA 121095	81.0	96.3	77.7	48.7	26.7	41.3
BULLSEYE	92.7	97.3	77.7	52.0	29.0	39.7
COMP. RES. SST	85.0	94.7	71.7	41.3	23.0	36.3
FALCON V	94.3	96.3	81.7	54.7	30.3	49.0
FESNOVA	91.0	97.3	73.7	44.3	25.0	38.3
GO-DFR	92.7	96.3	80.7	55.0	32.0	45.3
GTO (BURL TF-2)	92.3	96.3	84.0	55.7	29.0	44.7
INSPIRATION (PST-R5NW)	91.0	96.7	82.3	53.3	27.3	44.0

TABLE 23. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) IN THE 2012 NATIONAL TALL FESCUE TEST AT KNOXVILLE (TRAFFIC STUDY), TN 1/
2014 DATA

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

NAME	APRIL	PERCENT LIVING GROUND COVER RATINGS				
		PRETRAFFIC SEP 12	AFTER TRAFFIC OCT 17 10 GAME	NOV 10 20 GAME	RECOVERY FROM TRAFFIC NOV 24 2-WEEKS	DEC 8 1-MONTH
IS-TF 272	92.0	97.0	82.0	53.3	27.7	44.3
IS-TF 276 M2	90.3	96.7	80.3	57.7	33.0	45.3
IS-TF 289	91.3	97.3	86.3	59.3	34.7	47.7
IS-TF 307 SEL	93.0	96.3	78.7	49.3	25.3	36.0
IS-TF 308 SEL	94.7	96.7	81.3	48.7	24.7	42.3
IS-TF 310 SEL	90.7	96.3	79.0	49.7	30.3	43.7
IS-TF 311	94.3	97.0	83.3	54.0	27.0	44.3
K12-MCD	89.0	96.3	70.7	50.3	28.3	38.7
LEONARDO (LTP-FSD)	89.3	96.7	76.7	51.3	26.3	48.7
MET 1	87.0	96.0	77.7	49.7	30.3	42.0
PICK-W43	91.3	97.0	76.0	55.7	30.7	45.0
XTENDER (PPG-TF-139)	84.7	96.3	79.3	53.7	32.0	44.3
DYNAMITE LS (PPG-TF-145)	90.0	97.0	81.0	52.7	29.7	44.0
SCREAMER LS (PPG-TF-148)	92.7	96.3	79.7	56.0	30.0	45.7
PPG-TF-151	93.7	96.3	81.3	58.7	33.7	46.7
PSG-P01	94.0	96.7	78.3	54.3	31.3	45.3
RAD-TF-92	94.0	97.0	77.7	50.7	28.0	43.7
RHAMBLER 2 SRP (LSD)	92.3	96.7	75.3	47.3	26.7	42.0
SALTILLO (PST-5SALT)	87.7	96.7	86.7	55.7	28.0	46.0
ROWDY (SRX-TPC)	91.7	96.7	85.7	57.7	28.3	41.7
TERRANO	90.3	95.7	78.3	47.3	27.3	40.7
REFLECTION (U45)	92.7	96.3	82.0	60.3	31.0	48.3
W41	85.0	96.7	75.7	54.0	31.3	42.3
ANNIHILATOR	81.7	93.0	68.0	42.3	22.3	38.3
HOVER (BURL TF-69)	93.0	97.0	77.7	49.7	30.0	39.7
CAESAR (TY 10)	85.7	97.3	66.3	35.0	24.0	37.3
CCR2	91.0	96.7	80.7	48.3	25.3	42.0
DZ1	76.7	96.3	69.3	40.7	25.3	37.7
F711	84.0	96.7	77.3	46.7	24.7	36.7
FAITH	93.3	97.0	84.3	53.0	29.3	45.3
IS-TF 269 SEL	92.3	97.0	79.0	45.7	25.0	39.3
TURFWAY (IS-TF 282 M2)	93.0	96.7	78.7	49.7	29.3	46.7
IS-TF-287	91.7	95.3	79.0	52.3	30.0	42.3
ROCKWELL (LTP-TWUU)	92.0	95.7	81.0	52.3	30.3	45.0
MARAUDER	87.3	93.3	72.3	43.3	25.0	38.7
MET 6 SEL	84.3	96.3	76.0	39.7	23.7	38.3
MET-3	93.3	96.3	84.0	57.3	34.7	42.3
PPG-TF-135	85.0	96.7	72.7	42.0	23.3	42.3
PPG-TF-138	80.3	97.3	77.3	46.3	24.3	40.7
TITANIUM 2LS (PPG-TF-152)	92.3	97.0	79.3	59.0	32.7	43.7
THOR (PPG-TF-157)	90.7	97.0	79.7	51.0	29.7	44.3
PPG-TF-170	86.0	96.7	79.7	53.0	32.7	45.7
PSG-8BP2	94.7	96.0	78.0	53.3	30.0	39.0
PSG-GSD	87.0	96.3	75.7	45.7	25.3	38.3
PST-5BP0	91.0	96.3	83.0	56.3	30.7	46.3

TABLE 23. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) IN THE 2012 NATIONAL TALL FESCUE TEST AT KNOXVILLE (TRAFFIC STUDY), TN 1/
2014 DATA

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

NAME	APRIL	PERCENT LIVING GROUND COVER RATINGS				
		PRETRAFFIC SEP 12	AFTER TRAFFIC OCT 17 10 GAME	NOV 10 20 GAME	RECOVERY FROM TRAFFIC NOV 24 2-WEEKS	DEC 8 1-MONTH
PST-5MVD	88.3	96.3	78.3	43.0	22.0	36.3
RAD-TF-83	91.3	95.7	78.7	48.7	26.0	40.0
RAIN DANCE (PST-5SDT)	93.3	96.7	83.0	42.3	22.0	35.3
TECHNIQUE (RZ2)	90.0	96.0	65.0	45.7	26.7	37.3
4TH MILLENNIUM SRP (U43)	80.0	97.0	65.3	40.7	23.3	35.7
B23	93.0	96.7	66.3	43.3	27.3	38.0
BAR FA 120878	91.3	96.3	79.7	46.7	25.7	39.0
BIZEM	90.0	96.7	82.0	56.3	29.3	42.7
JS 809	86.7	97.0	69.3	40.0	24.0	32.7
JS 818	76.7	96.3	69.0	35.0	20.0	30.0
JS 819	86.3	96.7	70.3	47.3	24.7	36.0
JS 825	84.0	95.0	67.3	36.0	22.7	33.0
JS 916	76.0	96.3	65.7	36.0	20.7	33.7
K12-13	91.3	96.7	82.3	51.3	32.3	42.7
MICHELANGELO (LTP-F5DPDR)	89.0	97.3	73.0	39.0	20.3	35.3
PPG-TF-137	89.0	96.3	80.7	49.7	27.3	34.3
PSG-TT4	93.3	96.3	82.3	56.0	29.7	44.0
PST-5BRK	81.3	97.0	72.7	40.7	20.7	37.7
PST-5EV2	85.7	96.7	82.0	47.7	24.7	37.7
MERIDIAN (PST-5GRB)	90.3	96.0	85.3	58.0	31.0	41.7
RAD-TF-88	91.0	97.0	69.7	44.7	25.0	35.3
BLACK TAIL (PPG-TF-150)	90.7	96.3	73.3	46.0	23.7	32.3
PST-5EX2	84.3	97.0	67.0	35.0	16.3	30.0
REGENERATE	88.3	96.7	57.3	23.0	13.0	23.7
KINGDOM (DB1)	80.7	96.0	69.7	35.0	19.3	26.3
KY-31	88.3	90.7	65.3	25.7	16.0	27.0
LSD VALUE	16.9	2.4	37.7	49.3	38.7	33.1
C.V. (%)	7.2	1.2	12.4	25.4	29.8	22.4

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 23. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT KNOXVILLE (TRAFFIC STUDY), TN 1/
2014 DATA

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

NAME	TDR MOISTURE PROBE RATINGS AFTER TRAFFIC					CLEGG (GMAX) RATINGS AFTER TRAFFIC				
	PRETRAFFIC SEP 12	5 GAME SEP 25	10 GAME OCT 10	15 GAME OCT 30	20 GAME NOV 10	PRETRAFFIC SEP 12	5 GAME SEP 25	10 GAME OCT 10	15 GAME OCT 30	20 GAME NOV 10
ATF 1736	33.3	36.3	34.3	35.3	29.7	46.3	68.0	32.7	49.0	40.0
GRANDE 3	34.7	37.3	36.0	34.3	31.7	52.3	69.3	29.3	53.0	46.3
HEMI	35.0	39.0	33.7	33.3	29.7	43.3	71.7	31.7	48.3	50.0
PPG-TF-115	33.3	36.7	35.0	35.0	31.0	44.0	60.3	27.3	40.3	50.7
ARES (PPG-TF-142)	33.7	36.0	32.7	34.3	30.3	53.3	70.3	35.0	47.0	56.0
RAD-TF-89	32.7	36.7	34.3	34.7	30.0	47.3	65.3	32.3	53.0	53.3
TRAVERSE 2 SRP (W45)	33.7	37.0	36.7	35.3	30.3	43.3	73.0	31.3	44.7	49.0
WARHAWK	31.7	37.7	32.0	32.7	29.0	47.7	73.7	38.3	47.0	55.7
ATF 1704	35.7	37.0	35.0	35.7	33.7	46.0	64.7	27.0	40.3	37.7
BAR FA 121091	35.0	36.7	36.0	35.3	31.7	45.3	69.3	31.3	43.0	45.7
CATALYST	32.3	33.7	35.0	33.3	30.7	56.0	74.3	31.7	45.7	40.7
FALCON IV	36.0	38.7	35.7	37.0	33.3	45.7	64.3	31.3	46.3	43.3
FIREBIRD 2	36.0	37.7	34.3	32.7	29.3	53.0	63.7	34.3	49.3	57.3
FRONTLINE (EXP TF-09)	32.3	35.3	34.0	34.0	30.7	47.3	69.3	28.3	45.0	54.7
HOT ROD (BURL TF-136)	35.3	36.3	35.0	37.0	33.7	42.7	69.7	24.7	44.3	49.3
FOXHOUND (IS-TF 284 M2)	31.3	35.0	35.7	34.7	31.0	52.3	77.3	27.7	48.7	42.0
IS-TF 285	34.3	36.7	34.0	32.7	32.3	46.0	70.3	28.3	43.3	48.3
FAYETTE (IS-TF 291)	31.3	39.0	34.7	32.7	30.3	48.0	73.3	34.7	49.0	47.0
IS-TF 305 SEL	33.0	35.3	35.0	35.3	32.3	50.7	73.0	34.0	45.7	41.7
DIABLO (IS-TF 330)	35.3	38.0	35.7	37.7	34.3	50.0	65.3	32.3	44.3	39.7
K12-05	35.0	35.7	35.0	34.0	31.7	57.7	74.7	34.7	43.7	63.0
FIRECRACKER SLS (PPG-TF-105)	35.3	36.7	34.3	33.7	32.3	48.7	75.7	38.3	44.3	64.7
AVENGER II (PPG-TF-156)	34.3	39.0	36.0	35.3	32.3	52.0	67.7	31.7	43.7	51.7
PPG-TF-169	36.7	40.7	34.0	35.7	33.0	46.3	64.0	28.3	42.7	48.3
PPG-TF-172	35.7	36.0	33.0	36.7	31.3	46.0	79.0	39.7	43.7	53.3
FIREWALL (PSG-WE1)	36.3	38.0	34.7	36.3	32.0	41.7	58.7	28.3	44.7	41.3
PST-5DZP	36.3	36.0	33.7	35.0	31.7	44.0	73.0	32.3	48.7	40.3
SWAGGER (PST-5R05)	34.0	39.0	36.3	34.0	30.7	51.0	72.7	28.3	46.0	60.7
MAESTRO (T31)	37.0	37.7	33.7	36.3	31.7	51.0	66.7	30.7	48.7	54.0
THUNDERSTRUCK (TD1)	35.3	38.0	33.3	35.0	32.7	44.0	67.3	30.3	47.7	45.3
TEMPTATION (OR-21)	31.7	34.7	35.0	35.3	31.7	49.7	77.3	37.0	54.0	49.0
RAPTOR III (ZW 44)	34.3	38.7	35.0	36.0	31.7	50.7	70.0	34.7	43.3	61.0
204 RES. BLK4	29.7	33.0	33.3	32.7	30.7	60.7	85.0	42.3	52.3	60.7
AQUADUCT	32.0	36.0	34.7	33.7	33.7	55.3	80.7	38.0	44.3	38.0
ATF 1612	35.0	36.3	35.7	35.0	30.7	53.3	70.3	36.0	43.7	56.0
ATF 1754	35.3	36.7	34.7	34.0	30.0	51.0	77.7	30.0	45.0	43.3
BAR FA 121089	35.0	37.0	35.3	33.0	30.0	44.0	72.0	32.0	45.0	51.3
BAR FA 121095	36.3	35.7	36.0	36.3	33.0	40.0	67.3	33.3	41.3	52.3
BULLSEYE	35.7	37.3	36.7	34.3	32.0	44.3	70.0	34.0	44.0	54.3
COMP. RES. SST	32.7	35.7	34.0	33.7	31.7	49.0	71.0	37.0	46.3	42.0
FALCON V	35.0	40.0	36.0	36.7	32.0	45.3	65.3	32.0	49.0	55.3
FESNOVA	33.3	35.7	34.0	35.7	32.0	48.7	65.3	29.7	54.3	56.3
GO-DFR	32.7	34.0	33.7	36.3	30.3	45.3	74.3	35.0	49.3	46.3
GTO (BURL TF-2)	34.3	36.7	35.0	36.0	31.7	47.3	68.3	28.0	48.0	49.7
INSPIRATION (PST-R5NW)	37.3	40.0	36.0	39.7	33.0	41.7	64.0	31.0	42.3	41.0

TABLE 23. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT KNOXVILLE (TRAFFIC STUDY), TN 1/
2014 DATA

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

NAME	TDR MOISTURE PROBE RATINGS AFTER TRAFFIC					CLEGG (GMAX) RATINGS AFTER TRAFFIC				
	PRETRAFFIC SEP 12	5 GAME SEP 25	10 GAME OCT 10	15 GAME OCT 30	20 GAME NOV 10	PRETRAFFIC SEP 12	5 GAME SEP 25	10 GAME OCT 10	15 GAME OCT 30	20 GAME NOV 10
IS-TF 272	34.3	34.3	33.7	35.0	28.7	50.7	67.7	32.7	48.7	58.3
IS-TF 276 M2	33.3	33.7	34.7	35.7	32.3	55.3	73.3	34.7	46.0	40.3
IS-TF 289	34.7	35.0	33.0	32.3	30.7	47.3	66.3	32.0	47.0	56.7
IS-TF 307 SEL	35.0	35.0	36.0	35.3	31.7	48.0	64.7	27.0	41.7	49.3
IS-TF 308 SEL	35.0	37.3	34.7	35.7	31.7	48.0	71.7	31.7	43.3	53.7
IS-TF 310 SEL	38.3	37.3	37.0	36.3	33.3	43.7	64.7	31.0	48.0	59.0
IS-TF 311	35.3	36.0	34.7	34.7	32.7	45.0	69.3	29.0	41.3	41.0
K12-MCD	36.0	36.3	36.3	33.7	34.0	44.3	68.0	29.0	45.7	44.7
LEONARDO (LTP-FSD)	32.7	36.7	35.0	34.7	30.3	55.3	82.3	38.0	52.3	48.0
MET 1	36.0	36.7	36.3	36.3	32.7	49.3	74.0	33.0	48.7	58.7
PICK-W43	35.0	36.0	34.7	36.0	33.3	42.3	63.0	28.3	50.7	47.0
XTENDER (PPG-TF-139)	36.0	38.3	35.7	34.3	31.0	51.3	74.7	29.0	45.0	58.7
DYNAMITE LS (PPG-TF-145)	35.3	36.0	35.0	36.0	31.7	48.3	71.0	30.3	47.3	42.7
SCREAMER LS (PPG-TF-148)	35.0	37.3	36.0	34.7	31.7	47.3	75.3	35.0	49.3	59.7
PPG-TF-151	34.0	38.0	34.7	32.7	30.0	48.7	67.3	29.0	47.0	45.7
PSG-P01	33.0	35.3	34.0	33.7	31.7	45.0	68.0	25.7	53.0	59.0
RAD-TF-92	34.3	36.3	31.3	34.7	29.0	50.7	74.0	34.3	43.0	53.7
RHAMBLER 2 SRP (LSD)	32.3	38.3	36.0	32.7	30.7	54.0	73.3	35.3	45.0	50.0
SALTILLO (PST-5SALT)	34.7	35.3	34.7	36.3	32.3	46.3	65.3	31.7	48.3	44.0
ROWDY (SRX-TPC)	36.7	38.0	36.0	36.3	32.7	43.3	61.7	29.3	45.7	46.7
TERRANO	34.0	32.7	34.0	33.7	29.3	49.7	79.7	31.0	47.7	57.0
REFLECTION (U45)	34.3	34.0	35.7	37.3	31.3	46.0	64.0	28.0	44.3	45.0
W41	35.0	37.0	34.7	34.7	33.3	47.0	71.3	30.0	42.0	43.7
ANNIHILATOR	32.3	33.3	34.0	34.0	31.3	49.7	80.0	37.0	48.0	57.3
HOVER (BURL TF-69)	36.7	37.3	36.3	35.0	31.3	42.7	70.0	29.3	42.3	52.7
CAESAR (TY 10)	33.3	37.0	32.3	33.3	29.3	58.7	69.3	32.7	47.7	56.7
CCR2	36.3	37.7	36.0	34.3	31.3	47.0	70.0	28.3	43.0	54.3
DZ1	34.0	37.0	33.0	33.3	29.3	59.7	74.7	39.3	52.0	62.7
F711	35.0	35.3	35.7	37.0	33.0	58.3	77.3	38.0	51.3	51.3
FAITH	36.0	38.7	36.0	35.3	31.3	53.0	66.3	27.0	45.7	52.3
IS-TF 269 SEL	33.0	34.7	33.0	34.7	31.7	48.3	80.7	30.3	50.0	43.7
TURFWAY (IS-TF 282 M2)	32.0	34.7	32.7	34.7	31.7	49.0	78.7	39.3	52.3	54.7
IS-TF-287	35.0	34.7	35.0	34.0	30.7	45.3	71.3	31.7	47.7	43.0
ROCKWELL (LTP-TWUU)	34.7	37.0	35.0	36.3	30.0	45.0	65.3	30.3	51.0	47.0
MARAUDER	32.3	33.7	34.7	32.3	31.0	56.0	73.3	33.7	54.0	49.3
MET 6 SEL	35.3	37.0	35.7	34.0	31.3	49.3	62.3	29.0	49.3	59.3
MET-3	37.0	39.3	36.7	38.0	35.3	51.3	79.0	33.3	43.3	47.0
PPG-TF-135	33.0	35.7	36.0	37.0	32.3	50.0	68.3	37.0	48.3	46.3
PPG-TF-138	36.7	36.7	34.3	35.0	27.7	45.3	71.0	37.0	47.3	54.3
TITANIUM 2LS (PPG-TF-152)	34.7	38.0	34.7	35.0	32.3	54.0	72.0	31.7	47.3	64.7
THOR (PPG-TF-157)	35.3	39.7	36.0	33.7	31.3	48.0	71.0	25.0	47.3	53.3
PPG-TF-170	35.3	37.0	35.3	35.0	32.0	44.3	63.0	29.3	46.0	43.3
PSG-8BP2	32.7	36.7	33.3	33.7	30.7	52.0	65.3	31.3	46.3	39.7
PSG-GSD	33.0	38.3	35.0	34.7	31.3	53.0	72.0	35.7	50.3	56.3
PST-5BPO	35.7	33.0	34.7	36.3	33.7	43.7	68.3	28.0	50.3	50.7

TABLE 23. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT KNOXVILLE (TRAFFIC STUDY), TN 1/
2014 DATA

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

NAME	TDR MOISTURE PROBE RATINGS AFTER TRAFFIC					CLEGG (GMAX) RATINGS AFTER TRAFFIC				
	PRETRAFFIC SEP 12	5 GAME SEP 25	10 GAME OCT 10	15 GAME OCT 30	20 GAME NOV 10	PRETRAFFIC SEP 12	5 GAME SEP 25	10 GAME OCT 10	15 GAME OCT 30	20 GAME NOV 10
PST-5MVD	35.0	34.3	38.3	36.7	33.0	39.7	64.3	30.7	49.0	60.7
RAD-TF-83	35.0	36.3	35.0	36.0	32.3	44.0	60.3	27.7	47.3	52.0
RAIN DANCE (PST-5SDT)	35.7	38.0	37.0	33.3	31.0	42.7	66.3	24.3	43.0	57.0
TECHNIQUE (RZ2)	35.0	34.3	35.0	37.3	33.7	51.3	73.3	32.7	44.0	40.0
4TH MILLENNIUM SRP (U43)	34.3	38.0	36.3	33.3	28.7	59.0	77.0	36.0	48.3	55.0
B23	35.7	39.3	35.3	33.3	30.0	46.7	73.0	34.3	46.0	65.0
BAR FA 120878	34.7	36.0	35.7	34.0	31.7	43.0	64.0	31.3	50.3	47.7
BIZEM	34.3	36.7	36.7	37.0	33.0	51.0	64.0	27.0	51.3	53.7
JS 809	33.3	37.0	35.3	36.7	31.7	51.3	68.0	25.3	46.0	61.7
JS 818	33.7	36.3	34.3	34.7	32.0	56.7	70.3	33.0	51.0	51.0
JS 819	32.0	32.7	33.3	34.0	28.3	55.0	72.3	38.7	50.0	59.7
JS 825	32.7	35.7	33.7	34.7	31.3	43.3	74.0	29.3	48.7	58.7
JS 916	33.0	33.7	34.3	33.7	30.0	53.3	72.7	30.0	54.3	54.7
K12-13	35.3	35.7	36.0	38.0	33.0	44.0	64.0	29.7	46.3	46.7
MICHELANGELO (LTP-F5DPDR)	33.3	38.0	37.7	32.3	31.0	55.0	62.3	33.7	46.7	64.0
PPG-TF-137	34.7	35.7	35.3	36.3	33.0	50.7	72.7	33.7	45.0	48.7
PSG-TT4	34.7	35.3	35.0	34.3	32.0	47.7	64.3	30.0	45.3	55.0
PST-5BRK	32.7	35.7	35.0	34.0	30.7	45.0	74.0	35.7	46.3	50.0
PST-5EV2	33.7	37.3	36.7	36.0	32.3	43.0	70.0	29.7	42.3	52.3
MERIDIAN (PST-5GRB)	34.0	37.0	36.0	37.3	33.7	44.0	67.0	33.0	40.0	45.7
RAD-TF-88	35.7	37.7	36.3	35.3	29.0	49.3	70.0	30.0	42.7	51.7
BLACK TAIL (PPG-TF-150)	37.3	35.7	37.3	36.0	32.3	45.3	72.3	27.0	44.3	43.3
PST-5EX2	35.7	37.7	34.7	31.0	30.7	58.3	69.7	40.3	54.7	51.7
REGENERATE	33.7	35.0	36.3	35.0	31.7	46.7	66.3	29.0	52.7	45.7
KINGDOM (DB1)	34.7	37.3	37.3	37.0	31.7	46.7	66.0	34.0	43.3	55.7
KY-31	33.0	33.7	34.3	33.0	30.0	52.7	64.7	38.3	49.7	44.0
LSD VALUE	7.8	9.5	6.8	9.2	7.7	39.6	29.5	25.5	24.3	57.0
C.V. (%)	6.9	7.3	5.6	7.0	7.0	17.0	11.8	19.7	12.4	23.8

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 24.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT LOGAN (DROUGHT), UT 1/
2014 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	QUALITY RATINGS							MEAN
				MAY	JUN	JUL	AUG	SEP	OCT		
IS-TF 272	6.3	6.7	6.3	9.0	8.3	7.0	6.7	7.0	6.0	7.3	
TURFWAY (IS-TF 282 M2)	5.7	7.7	6.3	9.0	8.7	7.3	6.3	7.0	5.7	7.3	
KINGDOM (DB1)	5.7	7.3	5.7	9.0	8.0	7.0	6.3	6.7	6.0	7.2	
FOXHOUND (IS-TF 284 M2)	6.3	7.3	6.7	8.7	8.0	7.0	6.7	6.7	6.0	7.2	
IS-TF 289	6.0	7.3	6.3	9.0	7.7	7.3	6.7	6.3	6.0	7.2	
K12-13	5.0	6.0	6.0	9.0	8.0	7.7	6.7	7.0	5.0	7.2	
PICK-W43	6.0	7.7	6.7	9.0	7.3	7.0	7.0	7.0	6.0	7.2	
FIREWALL (PSG-WE1)	5.7	8.0	6.0	8.7	7.0	7.0	7.0	7.0	6.3	7.2	
RAD-TF-89	6.3	7.0	6.0	9.0	7.3	8.0	6.0	7.0	6.0	7.2	
REGENERATE	6.0	7.7	6.0	9.0	7.7	7.7	6.3	7.0	5.7	7.2	
4TH MILLENNIUM SRP (U43)	6.0	7.7	6.3	9.0	7.3	7.3	7.0	6.3	6.0	7.2	
TRAVERSE 2 SRP (W45)	5.3	7.7	6.0	9.0	7.0	7.3	6.7	7.0	6.3	7.2	
CAESAR (TY 10)	6.0	7.3	5.7	9.0	7.3	7.0	6.3	7.0	5.7	7.1	
CCR2	5.0	8.0	6.0	8.7	7.0	6.3	6.7	7.7	6.3	7.1	
GO-DFR	6.0	7.0	6.3	9.0	7.7	6.7	6.3	7.0	6.0	7.1	
IS-TF 269 SEL	5.3	7.3	6.0	9.0	7.7	6.7	6.3	6.3	6.3	7.1	
MET 1	5.7	8.0	5.7	9.0	7.3	7.7	6.3	6.3	6.0	7.1	
PPG-TF-137	6.0	7.3	6.0	9.0	7.0	7.0	6.3	6.7	6.3	7.1	
ARES (PPG-TF-142)	5.7	7.3	6.0	8.7	8.0	7.3	6.3	6.7	5.7	7.1	
RAD-TF-92	5.7	7.3	6.0	9.0	7.0	7.7	6.3	6.3	6.0	7.1	
BULLSEYE	5.7	8.0	6.0	9.0	7.3	6.3	6.3	6.7	6.3	7.0	
IS-TF 285	5.7	8.0	6.0	9.0	7.7	6.7	5.7	7.3	5.7	7.0	
FAYETTE (IS-TF 291)	6.0	7.7	6.0	9.0	7.3	7.0	7.0	6.3	5.3	7.0	
IS-TF 307 SEL	6.0	7.7	6.7	8.7	7.3	6.3	6.3	7.3	6.0	7.0	
THUNDERSTRUCK (TD1)	5.3	7.3	6.0	9.0	7.3	6.7	6.3	6.7	6.0	7.0	
BIZEM	5.3	8.0	6.0	9.0	7.0	6.7	6.7	6.3	6.0	6.9	
CATALYST	5.3	7.7	6.0	9.0	6.7	6.7	6.3	7.0	6.0	6.9	
F711	5.3	7.3	5.7	9.0	7.0	7.0	6.0	6.7	5.7	6.9	
GRANDE 3	4.7	8.3	6.0	9.0	6.7	6.3	6.7	6.7	6.0	6.9	
HOT ROD (BURL TF-136)	5.7	7.7	5.7	9.0	7.0	6.7	6.3	6.7	6.0	6.9	
IS-TF 308 SEL	5.3	8.0	5.3	9.0	7.3	7.0	5.7	6.3	6.0	6.9	
IS-TF 310 SEL	5.7	7.7	6.0	9.0	7.0	6.3	6.3	6.7	6.0	6.9	
IS-TF 311	5.7	8.0	6.0	9.0	7.0	7.0	6.0	6.3	6.0	6.9	
K12-05	5.7	6.7	6.0	9.0	7.7	6.3	6.3	6.3	6.0	6.9	
K12-MCD	5.3	7.7	5.7	9.0	7.0	6.7	6.3	6.3	6.0	6.9	
ROCKWELL (LTP-TWUU)	5.7	8.0	6.3	9.0	7.3	6.7	6.0	6.3	6.0	6.9	
DYNAMITE LS (PPG-TF-145)	6.0	8.0	6.0	9.0	7.7	6.0	6.7	6.3	5.7	6.9	
THOR (PPG-TF-157)	5.7	7.7	5.0	9.0	7.3	6.0	6.3	6.7	6.3	6.9	
ROWDY (SRX-TPC)	5.3	7.3	5.7	9.0	7.0	7.3	6.0	6.3	6.0	6.9	
TEMPTATION (OR-21)	6.3	7.7	6.0	9.0	7.3	7.0	6.3	6.0	6.0	6.9	
W41	5.7	7.7	6.0	9.0	7.0	7.0	6.3	6.0	6.0	6.9	
B23	5.0	7.7	6.0	9.0	7.3	6.3	5.7	6.7	5.7	6.8	
COMP. RES. SST	5.3	7.3	6.0	9.0	6.3	6.7	5.7	7.0	6.0	6.8	
FAITH	5.7	8.0	6.0	9.0	7.0	6.7	6.3	7.0	5.0	6.8	
FESNOVA	5.3	8.0	5.7	9.0	7.0	6.0	6.0	6.7	6.0	6.8	

TABLE 24.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT LOGAN (DROUGHT), UT 1/
2014 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	QUALITY RATINGS							MEAN
				MAY	JUN	JUL	AUG	SEP	OCT		
FIREBIRD 2	5.3	7.7	6.3	9.0	7.0	6.7	6.0	6.3	6.0	6.8	
MICHELANGELO (LTP-F5DPDR)	4.7	6.7	5.3	9.0	7.0	7.0	6.0	6.7	5.0	6.8	
MET-3	5.3	8.0	6.0	9.0	7.0	6.3	6.3	6.0	6.3	6.8	
PST-5DZP	5.7	7.3	5.3	9.0	7.0	6.7	6.0	6.0	6.0	6.8	
RAD-TF-83	5.7	8.0	6.0	9.0	7.0	6.3	6.3	6.7	5.7	6.8	
REFLECTION (U45)	4.7	7.7	5.3	9.0	7.0	6.0	6.3	7.0	5.7	6.8	
RAPTOR III (ZW 44)	5.7	7.7	6.3	9.0	7.0	7.0	6.0	6.3	5.7	6.8	
BAR FA 121095	5.0	7.0	6.0	9.0	7.0	6.7	6.3	5.7	5.7	6.7	
HOVER (BURL TF-69)	5.7	7.7	6.3	9.0	6.7	6.3	6.0	6.3	6.0	6.7	
GTO (BURL TF-2)	5.7	8.0	6.0	9.0	6.7	6.3	5.7	6.3	6.0	6.7	
IS-TF 276 M2	5.0	7.7	6.0	9.0	7.0	6.3	6.3	6.0	5.3	6.7	
DIABLO (IS-TF 330)	5.3	7.3	6.3	9.0	7.7	6.0	5.7	6.3	5.7	6.7	
LEONARDO (LTP-FSD)	5.0	7.3	5.7	9.0	6.3	6.3	6.3	6.0	6.3	6.7	
FIRECRACKER SLS (PPG-TF-105)	6.0	7.3	5.7	9.0	7.0	6.3	6.0	6.0	6.0	6.7	
PPG-TF-115	5.3	7.3	5.7	9.0	7.0	6.7	6.0	6.0	5.7	6.7	
PPG-TF-138	4.3	8.0	6.0	9.0	6.7	6.3	6.0	6.3	6.0	6.7	
XTENDER (PPG-TF-139)	5.3	7.0	6.0	9.0	7.0	6.7	6.0	6.0	5.7	6.7	
SCREAMER LS (PPG-TF-148)	5.7	8.3	6.3	9.0	7.0	6.0	6.0	6.0	6.3	6.7	
AVENGER II (PPG-TF-156)	5.0	8.0	6.0	8.7	6.3	6.3	6.3	6.3	6.0	6.7	
PPG-TF-170	5.7	8.3	6.0	9.0	6.7	5.7	6.0	6.7	6.0	6.7	
PPG-TF-172	5.7	7.3	6.3	9.0	7.0	6.3	6.0	6.0	6.0	6.7	
PST-5BRK	5.3	8.3	5.3	9.0	6.7	6.7	6.3	6.0	5.7	6.7	
RAD-TF-88	5.0	7.3	6.7	9.0	7.0	6.7	5.3	6.0	6.0	6.7	
ATF 1736	4.7	7.0	5.7	9.0	6.3	6.7	6.0	5.7	5.7	6.6	
FRONTLINE (EXP TF-09)	5.7	7.3	5.7	8.7	7.0	6.3	5.3	6.3	5.7	6.6	
HEMI	5.3	8.3	6.3	9.0	6.7	5.7	5.3	6.7	6.0	6.6	
IS-TF 305 SEL	5.0	8.0	5.7	8.7	7.0	5.7	5.7	6.7	5.7	6.6	
IS-TF-287	5.3	8.0	5.7	8.7	7.0	5.3	6.0	6.3	6.0	6.6	
JS 916	5.3	8.0	5.7	9.0	6.7	5.7	5.7	6.7	5.7	6.6	
PPG-TF-135	6.0	7.7	6.0	9.0	6.0	5.7	6.0	6.3	6.3	6.6	
BLACK TAIL (PPG-TF-150)	4.7	8.0	6.0	9.0	6.3	5.7	5.7	6.7	6.0	6.6	
PPG-TF-151	4.7	7.0	6.0	9.0	7.0	6.0	5.7	6.0	5.7	6.6	
PSG-PO1	5.7	7.7	6.0	9.0	7.0	6.3	6.0	6.0	5.3	6.6	
RHAMBLER 2 SRP (LSD)	6.0	7.0	6.0	9.0	7.0	6.3	5.0	6.7	5.7	6.6	
TERRANO	5.3	7.7	6.0	9.0	7.0	6.3	5.7	5.7	5.7	6.6	
WARHAWK	5.3	8.0	6.0	9.0	6.3	6.0	6.3	6.3	5.7	6.6	
ATF 1612	5.7	8.0	6.3	8.7	6.7	6.0	5.7	6.0	6.0	6.5	
FALCON V	5.7	7.7	6.0	9.0	6.7	5.7	6.0	6.0	5.7	6.5	
PPG-TF-169	4.7	8.0	5.3	9.0	6.0	6.3	6.0	6.0	5.7	6.5	
PST-5BP0	5.0	7.3	5.0	9.0	6.7	6.7	5.0	6.0	5.7	6.5	
MAESTRO (T31)	5.7	8.0	6.0	9.0	6.7	6.3	5.3	6.0	5.7	6.5	
204 RES. BLK4	5.0	7.7	6.7	9.0	5.3	6.0	6.0	6.3	6.0	6.4	
ATF 1704	5.0	8.0	5.3	9.0	6.0	6.0	5.3	6.0	6.3	6.4	
JS 809	5.3	6.7	5.7	9.0	6.3	6.3	5.3	5.7	6.0	6.4	
JS 818	5.3	7.7	5.7	9.0	6.7	6.3	5.3	6.0	5.3	6.4	

TABLE 24.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT LOGAN (DROUGHT), UT 1/
2014 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	QUALITY RATINGS						MEAN
				MAY	JUN	JUL	AUG	SEP	OCT	
JS 819	4.7	7.0	5.7	9.0	7.3	6.0	5.7	5.7	4.7	6.4
MET 6 SEL	5.3	7.7	6.0	9.0	6.7	6.3	5.3	5.7	5.3	6.4
TITANIUM 2LS (PPG-TF-152)	4.7	7.3	6.0	9.0	7.0	5.7	5.3	5.7	6.0	6.4
PSG-TT4	4.7	8.0	5.7	9.0	7.0	6.0	5.3	5.7	5.3	6.4
MERIDIAN (PST-5GRB)	5.3	7.3	6.0	9.0	7.0	5.7	5.0	6.0	5.7	6.4
PST-5MVD	5.3	8.0	5.7	9.0	7.0	6.0	5.7	6.0	5.0	6.4
SWAGGER (PST-5R05)	5.3	7.3	5.7	9.0	6.7	6.3	5.0	6.0	5.7	6.4
ATF 1754	5.0	7.7	5.7	9.0	6.0	5.7	6.0	5.7	5.3	6.3
MARAUDER	5.0	7.0	6.0	9.0	6.0	6.0	5.3	5.7	5.7	6.3
PSG-8BP2	5.3	7.7	6.0	9.0	6.7	5.0	5.7	5.7	5.7	6.3
RAIN DANCE (PST-5SDT)	5.3	7.7	5.0	9.0	6.3	6.0	5.0	5.7	5.7	6.3
BAR FA 121091	4.7	7.0	5.3	9.0	6.7	5.0	5.7	5.3	5.3	6.2
INSPIRATION (PST-R5NW)	5.3	8.0	4.7	9.0	6.7	5.0	5.7	5.3	5.7	6.2
PSG-GSD	5.0	7.0	5.7	9.0	6.7	5.7	4.3	6.0	5.3	6.2
PST-5EV2	4.3	7.7	5.7	8.3	6.7	5.7	5.7	5.3	5.7	6.2
TECHNIQUE (RZ2)	5.0	7.7	6.0	8.7	6.7	5.0	5.0	5.7	6.0	6.2
SALTILLO (PST-5SALT)	5.3	7.0	6.0	9.0	6.3	5.3	5.0	6.0	5.7	6.2
ANNIHILATOR	4.7	7.7	6.0	9.0	6.3	5.7	5.0	6.3	4.3	6.1
BAR FA 121089	5.0	7.7	5.0	9.0	6.3	5.7	4.7	5.3	5.3	6.1
DZ1	5.3	8.0	5.7	8.0	7.0	4.7	5.3	6.0	5.7	6.1
FALCON IV	5.3	7.7	5.0	9.0	6.0	6.0	4.7	4.7	6.0	6.1
JS 825	5.0	7.0	5.7	9.0	6.7	4.7	5.3	6.0	5.0	6.1
PST-5EX2	5.3	8.3	5.7	8.7	6.0	5.0	5.0	5.3	6.0	6.0
AQUADUCT	5.0	7.3	6.0	9.0	5.7	4.7	5.3	5.7	5.0	5.9
BAR FA 120878	4.0	7.7	4.7	9.0	4.3	3.7	4.3	4.7	4.3	5.1
KY-31	2.7	8.3	3.3	9.0	2.3	2.0	2.0	3.0	2.7	3.5
LSD VALUE	1.2	1.1	1.1	0.6	0.8	1.6	1.8	1.1	1.1	0.5
C.V. (%)	11.4	7.1	9.2	2.4	7.4	13.9	14.4	10.1	9.7	5.2

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

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

TABLE 25. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
 IN THE 2012 NATIONAL TALL FESCUE TEST AT LOGAN (SPREAD STUDY), UT 1/
 2014 DATA

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

NAME	RHIZOME COUNTS	AVERAGE DIAMETER 1	AVERAGE DIAMETER 2
CATALYST	1.0	15.0	16.0
GTO (BURL TF-2)	3.7	15.3	16.0
HEMI	1.7	12.3	16.0
DYNAMITE LS (PPG-TF-145)	4.0	15.0	16.0
W41	1.0	14.7	16.0
BAR FA 121091	0.3	15.3	15.7
JS 818	2.0	14.7	15.7
KY-31	3.3	14.0	15.7
PST-5DZP	7.0	15.0	15.7
B23	2.7	15.0	15.3
COMP. RES. SST	3.3	15.0	15.3
F711	1.7	14.0	15.3
IS-TF 276 M2	4.0	15.0	15.3
MARAUDER	2.0	14.3	15.3
SCREAMER LS (PPG-TF-148)	2.0	15.0	15.3
BLACK TAIL (PPG-TF-150)	1.3	15.0	15.3
FIREWALL (PSG-WE1)	0.7	14.0	15.3
BAR FA 120878	2.0	13.3	15.0
BAR FA 121095	3.0	14.7	15.0
DZ1	5.0	13.7	15.0
FALCON IV	5.0	14.7	15.0
FIREBIRD 2	1.7	13.3	15.0
IS-TF 289	3.0	13.7	15.0
JS 916	0.3	14.7	15.0
ROCKWELL (LTP-TWUU)	2.0	13.7	15.0
PICK-W43	2.7	14.7	15.0
AVENGER II (PPG-TF-156)	1.7	15.0	15.0
MERIDIAN (PST-5GRB)	0.7	14.0	15.0
PST-5MVD	2.7	14.3	15.0
TERRANO	2.0	14.7	15.0
TRAVERSE 2 SRP (W45)	1.7	15.0	15.0
RAPTOR III (ZW 44)	5.0	14.0	15.0
FAITH	2.7	13.7	14.7
FESNOVA	1.7	15.0	14.7
IS-TF 272	2.3	13.7	14.7
IS-TF 284 M2	2.3	14.3	14.7
IS-TF 305 SEL	2.7	13.7	14.7
IS-TF 311	2.7	13.7	14.7
JS 825	4.0	14.3	14.7
K12-05	5.0	14.3	14.7
MET 6 SEL	3.7	14.7	14.7
FIRECRACKER SLS (PPG-TF-105)	2.7	14.0	14.7
PPG-TF-135	4.0	14.0	14.7
ARES (PPG-TF-142)	4.3	16.0	14.7
PPG-TF-169	4.0	14.3	14.7

TABLE 25. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
 (CONT'D) IN THE 2012 NATIONAL TALL FESCUE TEST AT LOGAN (SPREAD STUDY), UT 1/
 2014 DATA

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

NAME	RHIZOME COUNTS	AVERAGE DIAMETER 1	AVERAGE DIAMETER 2
PPG-TF-172	2.3	14.0	14.7
PSG-GSD	1.3	14.0	14.7
RAD-TF-88	3.0	15.3	14.7
REGENERATE	2.7	14.0	14.7
REFLECTION (U45)	1.3	13.0	14.7
AQUADUCT	6.7	14.3	14.3
ATF 1704	2.7	14.7	14.3
BIZEM	3.3	14.3	14.3
KINGDOM (DB1)	6.0	13.7	14.3
FRONTLINE (EXP TF-09)	7.0	14.3	14.3
IS-TF 269 SEL	2.3	14.3	14.3
TURFWAY (IS-TF 282 M2)	6.0	14.0	14.3
IS-TF 285	5.7	14.3	14.3
FAYETTE (IS-TF 291)	2.3	15.0	14.3
MET-3	3.7	13.7	14.3
PPG-TF-115	4.0	13.0	14.3
TITANIUM 2LS (PPG-TF-152)	1.7	13.0	14.3
PPG-TF-170	2.3	13.3	14.3
RAD-TF-83	2.0	14.0	14.3
RAIN DANCE (PST-5SDT)	5.0	14.3	14.3
RHAMBLER 2 SRP (LSD)	3.3	15.0	14.3
ROWDY (SRX-TPC)	2.7	12.7	14.3
MAESTRO (T31)	2.7	14.0	14.3
WARHAWK	4.7	14.0	14.3
ANNIHILATOR	2.7	15.3	14.0
ATF 1736	4.0	14.0	14.0
CCR2	5.0	13.3	14.0
FALCON V	2.0	14.0	14.0
GRANDE 3	6.0	13.7	14.0
MET 1	2.0	14.3	14.0
PPG-TF-138	1.3	13.3	14.0
PSG-8BP2	3.7	14.7	14.0
PST-5BRK	2.3	14.0	14.0
PST-5EV2	2.7	13.7	14.0
PST-5EX2	2.7	13.3	14.0
SALTILLO (PST-5SALT)	3.3	14.0	14.0
TEMPTATION (OR-21)	3.3	13.7	14.0
ATF 1612	5.3	14.3	13.7
ATF 1754	2.0	14.3	13.7
BAR FA 121089	5.0	14.7	13.7
BULLSEYE	3.3	14.7	13.7
CAESAR (TY 10)	5.7	14.0	13.7
GO-DFR	5.3	15.0	13.7
IS-TF 307 SEL	1.0	14.3	13.7
IS-TF 308 SEL	1.3	14.3	13.7

TABLE 25. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
 (CONT'D) IN THE 2012 NATIONAL TALL FESCUE TEST AT LOGAN (SPREAD STUDY), UT 1/
 2014 DATA

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

NAME	RHIZOME COUNTS	AVERAGE DIAMETER 1	AVERAGE DIAMETER 2
JS 809	5.0	14.0	13.7
JS 819	2.7	14.0	13.7
K12-MCD	2.0	13.0	13.7
LEONARDO (LTP-FSD)	2.3	12.7	13.7
PPG-TF-137	2.3	14.3	13.7
XTENDER (PPG-TF-139)	0.3	14.0	13.7
PPG-TF-151	2.7	14.0	13.7
PSG-P01	5.0	14.3	13.7
SWAGGER (PST-5R05)	1.7	13.0	13.7
RAD-TF-92	3.0	14.7	13.7
TECHNIQUE (RZ2)	2.0	15.3	13.7
204 RES. BLK4	3.0	14.7	13.3
INSPIRATION (PST-R5NW)	3.0	13.7	13.3
IS-TF-287	3.0	12.7	13.3
K12-13	4.7	13.7	13.3
PST-5BPO	4.0	13.7	13.3
RAD-TF-89	3.7	14.0	13.3
THUNDERSTRUCK (TD1)	6.0	13.7	13.3
4TH MILLENNIUM SRP (U43)	3.0	12.7	13.3
IS-TF 310 SEL	1.0	13.7	13.0
MICHELANGELO (LTP-F5DPDR)	5.0	13.3	13.0
THOR (PPG-TF-157)	2.7	14.0	13.0
HOVER (BURL TF-69)	3.0	12.7	12.7
DIABLO (IS-TF 330)	1.3	14.0	12.7
PSG-TT4	4.7	14.0	12.7
HOT ROD (BURL TF-136)	2.0	13.7	12.3
LSD VALUE	8.1	6.5	5.8
C.V. (%)	77.8	9.0	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 26. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT BLACKSBURG, VA 1/
2014 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/							MEAN
	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
IS-TF 307 SEL	6.7	7.3	8.0	8.3	8.3	7.7	7.7	7.7
CCR2	6.0	8.0	8.0	7.7	7.7	8.3	7.0	7.5
MET 1	4.7	7.7	8.0	8.7	7.3	7.7	7.7	7.4
PPG-TF-172	5.7	6.7	8.3	7.7	8.0	7.3	6.7	7.2
HOVER (BURL TF-69)	5.3	6.7	6.7	8.3	7.0	8.3	7.7	7.1
FAITH	4.3	6.7	8.3	7.7	8.0	7.3	7.3	7.1
FALCON V	6.0	6.0	7.0	6.7	8.3	8.7	7.3	7.1
MET 6 SEL	6.3	6.7	7.3	7.3	7.3	7.3	7.3	7.1
BLACK TAIL (PPG-TF-150)	6.3	6.7	7.0	7.3	7.0	8.0	7.3	7.1
4TH MILLENNIUM SRP (U43)	5.3	6.7	7.0	6.7	7.7	8.3	8.3	7.1
CATALYST	4.7	6.3	7.3	7.3	7.7	7.3	8.0	7.0
FAYETTE (IS-TF 291)	6.3	7.0	7.3	7.0	6.3	7.3	8.0	7.0
SCREAMER LS (PPG-TF-148)	5.7	5.7	7.3	7.0	7.3	8.3	7.3	7.0
TITANIUM 2LS (PPG-TF-152)	5.3	6.3	6.7	7.0	7.7	8.7	7.7	7.0
SWAGGER (PST-5R05)	7.3	7.7	6.0	6.0	7.7	7.3	7.3	7.0
RAD-TF-89	6.0	6.7	6.7	6.3	7.0	8.7	8.0	7.0
ROWDY (SRX-TPC)	6.3	6.7	6.7	6.7	7.0	8.0	8.0	7.0
W41	6.3	7.0	6.7	7.3	7.3	7.0	7.0	7.0
TRAVERSE 2 SRP (W45)	5.3	7.0	6.0	7.0	8.3	7.7	7.7	7.0
RAPTOR III (ZW 44)	5.3	5.7	7.3	8.3	7.7	7.0	8.0	7.0
IS-TF 308 SEL	5.7	6.3	6.0	6.3	8.0	8.3	7.7	6.9
PPG-TF-169	6.0	6.7	5.7	7.0	8.0	8.7	6.3	6.9
PPG-TF-170	6.7	7.3	6.7	7.0	6.3	7.3	6.7	6.9
PSG-P01	4.7	6.3	7.0	7.7	8.3	7.3	7.0	6.9
FIREWALL (PSG-WE1)	5.3	6.7	7.3	6.7	8.0	7.3	7.0	6.9
PST-5EV2	6.0	7.7	7.3	7.3	6.7	6.7	6.3	6.9
REGENERATE	5.0	6.7	7.3	7.0	7.3	8.0	6.7	6.9
ATF 1612	4.3	6.3	8.0	7.0	7.0	7.0	7.7	6.8
F711	6.0	6.3	7.7	6.7	6.3	7.0	7.3	6.8
FESNOVA	6.0	6.0	6.0	7.7	7.0	7.7	7.0	6.8
FIREBIRD 2	5.7	6.0	6.7	6.7	7.3	8.3	6.7	6.8
IS-TF 305 SEL	5.3	6.0	6.7	6.0	8.0	7.7	8.0	6.8
JS 916	5.0	7.0	6.0	6.7	8.0	7.7	7.0	6.8
MET-3	5.0	6.3	6.7	6.3	8.0	7.0	8.0	6.8
AVENGER II (PPG-TF-156)	5.7	7.3	7.7	7.0	7.3	7.0	5.7	6.8
RHAMBLER 2 SRP (LSD)	4.7	5.7	8.0	7.3	6.3	8.0	7.7	6.8
ATF 1754	6.3	6.7	6.7	6.0	7.3	7.0	6.7	6.7
B23	5.3	7.3	7.0	6.3	6.7	7.7	6.7	6.7
HEMI	4.3	5.0	7.7	6.7	7.0	8.0	8.0	6.7
IS-TF 310 SEL	5.7	6.0	6.3	6.3	8.0	8.3	6.0	6.7
LEONARDO (LTP-FSD)	5.3	7.7	7.7	6.7	6.7	6.7	6.0	6.7
PPG-TF-137	5.0	6.3	7.7	5.7	7.7	7.7	6.7	6.7
TECHNIQUE (RZ2)	6.3	7.0	6.7	6.0	6.3	7.7	7.0	6.7
ATF 1736	6.7	7.3	7.0	5.3	6.7	7.3	5.7	6.6
GTO (BURL TF-2)	5.0	6.7	7.0	5.7	7.3	7.7	7.0	6.6

TABLE 26. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
 (CONT'D) IN THE 2012 NATIONAL TALL FESCUE TEST AT BLACKSBURG, VA 1/
 2014 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/							
	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
HOT ROD (BURL TF-136)	5.0	5.7	8.0	6.7	7.0	7.7	6.3	6.6
TURFWAY (IS-TF 282 M2)	4.7	6.0	6.3	6.7	7.0	7.7	8.0	6.6
IS-TF-287	5.7	6.3	5.7	7.0	7.7	7.0	6.7	6.6
K12-MCD	5.7	7.3	5.7	6.0	8.0	6.7	6.7	6.6
PICK-W43	5.0	7.0	6.3	8.3	6.7	6.7	6.3	6.6
PPG-TF-135	5.3	6.3	6.0	7.0	7.3	8.0	6.3	6.6
PPG-TF-138	5.3	6.0	5.7	6.3	7.3	7.7	7.7	6.6
XTENDER (PPG-TF-139)	5.3	5.0	6.0	6.7	7.0	8.3	8.0	6.6
PPG-TF-151	6.0	6.7	7.0	7.3	7.0	6.7	5.7	6.6
PSG-TT4	6.0	6.7	6.3	5.7	6.7	8.3	6.3	6.6
SALTILLO (PST-5SALT)	5.0	6.0	5.7	7.3	7.0	8.3	7.0	6.6
TERRANO	5.3	6.0	7.3	6.3	6.7	7.7	7.0	6.6
ATF 1704	4.3	6.3	7.3	6.3	7.0	7.3	6.7	6.5
IS-TF 276 M2	5.0	5.7	5.7	6.3	7.7	7.7	7.3	6.5
THOR (PPG-TF-157)	5.0	6.3	7.7	6.7	6.3	6.7	7.0	6.5
PST-5BRK	4.7	6.0	7.7	6.7	7.7	6.7	6.3	6.5
PST-5DZP	4.7	6.0	7.0	6.3	6.3	7.7	7.7	6.5
REFLECTION (U45)	4.0	7.0	7.0	5.7	7.0	8.0	7.0	6.5
DZ1	4.7	5.7	7.0	7.0	6.7	7.3	6.3	6.4
FIRECRACKER SLS (PPG-TF-105)	5.3	6.7	7.0	7.3	6.3	6.7	5.7	6.4
MERIDIAN (PST-5GRB)	5.7	6.0	5.3	5.7	8.3	7.3	6.3	6.4
TEMPTATION (OR-21)	6.0	6.0	5.0	5.7	7.0	8.0	7.3	6.4
INSPIRATION (PST-R5NW)	5.0	6.0	5.0	6.7	7.7	7.0	6.7	6.3
ROCKWELL (LTP-TWUU)	4.3	6.7	6.7	5.7	7.0	7.0	6.7	6.3
PST-5EX2	6.0	6.7	5.7	4.3	7.0	7.0	7.3	6.3
PST-5MVD	6.7	6.3	6.0	6.3	6.0	7.0	6.0	6.3
MAESTRO (T31)	5.0	5.7	5.3	6.0	6.3	8.3	7.7	6.3
AQUADUCT	5.0	4.7	5.7	5.7	7.7	7.3	7.3	6.2
BULLSEYE	5.3	5.3	6.7	5.7	6.3	7.3	7.0	6.2
CAESAR (TY 10)	6.0	5.3	5.7	7.3	5.3	6.7	7.0	6.2
PPG-TF-115	5.0	5.3	7.0	6.3	7.0	7.0	6.0	6.2
PST-5BPO	6.3	6.7	5.3	6.3	7.0	6.0	6.0	6.2
RAIN DANCE (PST-5SDT)	4.7	5.3	6.0	5.3	7.7	7.3	7.3	6.2
204 RES. BLK4	4.7	5.7	5.0	6.0	6.7	7.3	7.3	6.1
BIZEM	5.3	5.7	7.0	5.7	5.7	7.0	6.3	6.1
GRANDE 3	3.7	5.3	6.0	7.0	6.7	7.0	7.0	6.1
MICHELANGELO (LTP-F5DPDR)	5.0	5.7	5.7	5.7	6.7	7.7	6.7	6.1
RAD-TF-88	4.7	6.3	6.7	5.3	6.7	6.3	7.0	6.1
WARHAWK	4.0	5.0	6.0	6.7	7.0	7.3	6.7	6.1
ANNIHILATOR	3.7	5.0	6.0	6.0	6.7	8.0	6.3	6.0
FALCON IV	4.7	5.0	5.3	6.7	6.3	7.0	7.0	6.0
FOXHOUND (IS-TF 284 M2)	5.0	6.0	4.3	5.7	7.3	7.0	7.0	6.0
JS 819	4.7	5.3	5.7	5.7	6.7	7.7	6.3	6.0
ARES (PPG-TF-142)	4.3	5.3	5.3	6.7	6.0	7.7	6.3	6.0
DYNAMITE LS (PPG-TF-145)	4.0	5.3	5.3	6.0	7.0	6.7	7.7	6.0

TABLE 26. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
 (CONT'D) IN THE 2012 NATIONAL TALL FESCUE TEST AT BLACKSBURG, VA 1/
 2014 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/								
NAME	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
RAD-TF-92	3.3	4.7	6.3	6.3	7.0	7.0	7.3	6.0
IS-TF 285	5.0	5.0	4.7	6.0	7.0	6.7	7.0	5.9
IS-TF 289	4.3	5.0	6.0	5.7	6.0	7.3	7.0	5.9
IS-TF 311	5.0	4.7	6.7	5.7	6.3	6.0	7.0	5.9
COMP. RES. SST	4.3	5.0	5.3	6.7	5.7	6.0	7.7	5.8
KINGDOM (DB1)	3.3	5.0	6.3	5.7	7.0	7.3	6.0	5.8
FRONTLINE (EXP TF-09)	4.3	5.0	4.0	5.7	7.7	6.7	7.3	5.8
DIABLO (IS-TF 330)	4.7	5.3	6.0	4.7	6.7	7.0	6.0	5.8
MARAUDER	5.0	4.7	4.0	5.7	6.3	7.0	7.7	5.8
IS-TF 269 SEL	3.0	4.7	6.0	5.7	6.3	6.7	7.3	5.7
IS-TF 272	4.0	4.3	6.3	5.3	6.0	6.7	7.0	5.7
JS 825	4.3	4.7	5.3	6.3	6.7	6.0	6.7	5.7
K12-05	4.0	5.0	5.0	6.3	6.7	7.0	6.0	5.7
PSG-8BP2	3.3	4.7	5.7	6.3	6.7	7.0	6.3	5.7
BAR FA 121091	4.0	4.7	4.3	6.7	5.7	7.3	6.7	5.6
GO-DFR	3.7	4.7	5.7	6.0	5.7	6.7	6.7	5.6
JS 818	4.3	5.3	6.0	4.0	6.3	6.7	6.7	5.6
PSG-GSD	4.3	4.7	6.7	4.7	6.3	6.3	6.3	5.6
RAD-TF-83	3.7	4.0	5.3	5.3	7.3	7.0	6.7	5.6
BAR FA 121095	4.0	3.7	5.0	5.3	5.7	7.7	7.0	5.5
THUNDERSTRUCK (TD1)	4.3	4.7	3.7	6.3	7.0	6.7	6.0	5.5
JS 809	5.0	3.3	4.7	5.0	5.3	7.3	6.7	5.3
KY-31	4.7	5.0	4.3	5.3	5.3	6.0	5.7	5.2
BAR FA 120878	5.0	4.7	5.0	5.7	5.7	4.7	5.3	5.1
BAR FA 121089	3.7	4.3	4.0	5.7	5.7	6.3	6.0	5.1
K12-13	4.0	4.3	5.3	5.0	5.0	5.0	5.0	4.8
LSD VALUE	2.1	1.6	2.2	3.2	3.2	3.0	1.8	0.9
C.V. (%)	20.4	15.8	18.4	19.1	16.0	14.5	12.4	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 27.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT BLACKSBURG (TRAFFIC), VA 1/
2014 DATA

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

NAME	BEFORE TRAFFIC IN SEPTMBER		TRAFFIC IN OCTOBER		TRAFFIC IN EARLY NOVEMBER		TRAFFIC IN MIDDLE NOVEMBER		MAY	JUN	JUL	QUALITY RATINGS					MEAN
	% GREEN	% STRAW	% GREEN	% BARE	% GREEN	% BARE	% GREEN	% BARE				AUG	SEP	OCT	NOV	DEC	
MET 1	99	0	73.3	26.7	73.3	26.7	65.0	35.0	4.7	7.7	8.0	8.7	7.7	6.3	6.7	7.0	7.1
IS-TF 307 SEL	99	0	50.0	50.0	50.0	50.0	43.3	56.7	6.7	7.3	8.0	8.3	8.7	5.0	5.7	6.7	7.0
FAYETTE (IS-TF 291)	99	0	70.0	30.0	70.0	30.0	65.0	35.0	6.3	7.0	7.3	7.0	6.7	6.0	7.3	7.7	6.9
FIREWALL (PSG-WE1)	99	0	66.7	33.3	66.7	33.3	58.3	41.7	5.3	6.7	7.3	6.7	8.0	6.3	7.3	7.7	6.9
RAPTOR III (ZW 44)	99	0	88.3	11.7	88.3	11.7	80.0	20.0	5.3	5.7	7.3	8.3	8.0	5.7	7.3	7.3	6.9
HOVER (BURL TF-69)	99	0	73.3	26.7	73.3	26.7	63.3	36.7	5.3	6.7	6.7	8.3	7.3	5.3	7.3	7.3	6.8
CATALYST	99	0	65.0	35.0	65.0	35.0	66.7	33.3	4.7	6.3	7.3	7.3	7.7	6.7	7.3	7.3	6.8
CCR2	99	0	70.0	30.0	70.0	30.0	61.7	38.3	6.0	8.0	8.0	7.7	7.7	4.3	5.3	7.0	6.8
FAITH	99	0	63.3	36.7	63.3	36.7	58.3	41.7	4.3	6.7	8.3	7.7	7.7	5.0	7.0	7.7	6.8
MET 6 SEL	99	0	71.7	28.3	71.7	28.3	71.7	28.3	6.3	6.7	7.3	7.3	7.3	5.3	6.3	7.7	6.8
PSG-P01	99	0	70.0	30.0	70.0	30.0	60.0	40.0	4.7	6.3	7.0	7.7	8.3	6.7	7.3	6.7	6.8
SWAGGER (PST-5R05)	99	0	73.3	26.7	73.3	26.7	60.0	40.0	7.3	7.7	6.0	6.0	7.3	5.0	7.3	7.3	6.8
ROWDY (SRX-TPC)	99	0	71.7	28.3	71.7	28.3	66.7	33.3	6.3	6.7	6.7	6.7	7.3	6.3	7.0	7.3	6.8
4TH MILLENNIUM SRP (U43)	99	0	76.7	23.3	76.7	23.3	68.3	31.7	5.3	6.7	7.0	6.7	7.7	7.0	7.0	7.3	6.8
BLACK TAIL (PPG-TF-150)	99	0	75.0	25.0	75.0	25.0	70.0	30.0	6.3	6.7	7.0	7.3	7.0	5.0	6.7	7.3	6.7
RHAMBLER 2 SRP (LSD)	99	0	80.0	20.0	80.0	20.0	71.7	28.3	4.7	5.7	8.0	7.3	7.0	6.0	6.7	8.0	6.7
MET-3	99	0	75.0	25.0	75.0	25.0	75.0	25.0	5.0	6.3	6.7	6.3	8.0	6.3	7.3	7.0	6.6
PPG-TF-172	99	0	66.7	33.3	66.7	33.3	63.3	36.7	5.7	6.7	8.3	7.7	7.7	4.3	5.7	6.7	6.6
W41	99	0	63.3	36.7	63.3	36.7	50.0	50.0	6.3	7.0	6.7	7.3	7.3	5.0	6.3	7.0	6.6
TRAVERSE 2 SRP (W45)	99	0	65.0	35.0	65.0	35.0	55.0	45.0	5.3	7.0	6.0	7.0	7.7	6.0	6.7	7.3	6.6
ATF 1612	99	0	70.0	30.0	70.0	30.0	60.0	40.0	4.3	6.3	8.0	7.0	7.0	4.7	7.0	7.7	6.5
FESNOVA	99	0	60.0	40.0	60.0	40.0	55.0	45.0	6.0	6.0	6.0	7.7	7.3	5.3	6.3	7.0	6.5
XTENDER (PPG-TF-139)	99	0	68.3	31.7	68.3	31.7	63.3	36.7	5.3	5.0	6.0	6.7	7.3	6.3	7.7	7.3	6.5
SCREAMER LS (PPG-TF-148)	99	0	66.7	33.3	66.7	33.3	56.7	43.3	5.7	5.7	7.3	7.0	7.3	5.7	6.3	7.0	6.5
TITANIUM 2LS (PPG-TF-152)	99	0	53.3	46.7	53.3	46.7	48.3	51.7	5.3	6.3	6.7	7.0	8.0	5.3	6.7	7.0	6.5
PST-5EV2	99	0	68.3	31.7	68.3	31.7	68.3	31.7	6.0	7.7	7.3	7.3	6.7	4.7	5.0	7.0	6.5
TERRANO	99	0	68.3	31.7	68.3	31.7	63.3	36.7	5.3	6.0	7.3	6.3	6.3	6.0	7.0	7.7	6.5
B23	99	0	85.0	15.0	85.0	15.0	76.7	23.3	5.3	7.3	7.0	6.3	6.7	5.3	6.0	7.3	6.4
FALCON V	99	0	65.0	35.0	65.0	35.0	61.7	38.3	6.0	6.0	7.0	6.7	8.0	4.3	5.7	7.3	6.4
IS-TF 305 SEL	99	0	73.3	26.7	73.3	26.7	68.3	31.7	5.3	6.0	6.7	6.0	7.7	5.0	6.3	8.0	6.4
K12-MCD	99	0	75.0	25.0	75.0	25.0	70.0	30.0	5.7	7.3	5.7	6.0	7.7	5.0	6.7	7.0	6.4
PPG-TF-170	99	0	61.7	38.3	61.7	38.3	51.7	48.3	6.7	7.3	6.7	7.0	6.7	5.0	6.0	6.0	6.4
RAD-TF-89	99	0	65.0	35.0	65.0	35.0	55.0	45.0	6.0	6.7	6.7	6.3	7.0	4.7	5.7	8.0	6.4
TECHNIQUE (RZ2)	99	0	73.3	26.7	73.3	26.7	65.0	35.0	6.3	7.0	6.7	6.0	6.7	5.0	6.3	7.0	6.4
F711	99	0	60.0	40.0	60.0	40.0	55.0	45.0	6.0	6.3	7.7	6.7	7.0	4.3	5.7	6.7	6.3
FIREBIRD 2	99	0	63.3	36.7	63.3	36.7	60.0	40.0	5.7	6.0	6.7	6.7	7.0	5.7	6.3	6.7	6.3
GTO (BURL TF-2)	99	0	73.3	26.7	73.3	26.7	58.3	41.7	5.0	6.7	7.0	5.7	7.0	5.7	6.3	7.0	6.3
HEMI	99	0	56.7	43.3	56.7	43.3	53.3	46.7	4.3	5.0	7.7	6.7	7.3	5.7	7.7	6.3	6.3
TURFWAY (IS-TF 282 M2)	99	0	68.3	31.7	68.3	31.7	68.3	31.7	4.7	6.0	6.3	6.7	7.0	5.7	6.7	7.0	6.3
IS-TF-287	99	0	73.3	26.7	73.3	26.7	63.3	36.7	5.7	6.3	5.7	7.0	7.3	5.3	6.7	6.3	6.3
LEONARDO (LTP-FSD)	99	0	73.3	26.7	73.3	26.7	60.0	40.0	5.3	7.7	7.7	6.7	6.7	5.0	4.7	6.3	6.3
PICK-W43	99	0	66.7	33.3	66.7	33.3	61.7	38.3	5.0	7.0	6.3	8.3	7.0	4.7	5.3	6.3	6.3
AVENGER II (PPG-TF-156)	99	0	76.7	23.3	76.7	23.3	61.7	38.3	5.7	7.3	7.7	7.0	6.7	4.7	5.3	6.0	6.3
THOR (PPG-TF-157)	99	0	71.7	28.3	71.7	28.3	61.7	38.3	5.0	6.3	7.7	6.7	6.7	4.7	6.3	6.7	6.3
PPG-TF-169	99	0	76.7	23.3	76.7	23.3	66.7	33.3	6.0	6.7	5.7	7.0	7.7	5.0	6.0	6.7	6.3

TABLE 27. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT BLACKSBURG (TRAFFIC), VA 1/
2014 DATA

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

NAME	BEFORE TRAFFIC IN SEPTWMBER		TRAFFIC IN OCTOBER		TRAFFIC IN EARLY NOVEMBER		TRAFFIC IN MIDDLE NOVEMBER		MAY	JUN	JUL	QUALITY RATINGS					MEAN
	% GREEN	% STRAW	% GREEN	% BARE	% GREEN	% BARE	% GREEN	% BARE				AUG	SEP	OCT	NOV	DEC	
PST-5DZP	99	0	61.7	38.3	61.7	38.3	53.3	46.7	4.7	6.0	7.0	6.3	6.3	5.7	6.7	7.3	6.3
REGENERATE	99	0	63.3	36.7	63.3	36.7	60.0	40.0	5.0	6.7	7.3	7.0	6.7	5.0	6.0	6.7	6.3
REFLECTION (U45)	99	0	65.0	35.0	65.0	35.0	56.7	43.3	4.0	7.0	7.0	5.7	7.3	6.0	6.0	7.0	6.3
ATF 1754	99	0	73.3	26.7	73.3	26.7	63.3	36.7	6.3	6.7	6.7	6.0	7.3	4.3	5.7	6.7	6.2
JS 916	99	0	68.3	31.7	68.3	31.7	58.3	41.7	5.0	7.0	6.0	6.7	7.3	5.0	6.0	6.7	6.2
PPG-TF-137	99	0	70.0	30.0	70.0	30.0	70.0	30.0	5.0	6.3	7.7	5.7	7.0	5.0	6.3	6.7	6.2
PPG-TF-138	99	0	76.7	23.3	76.7	23.3	63.3	36.7	5.3	6.0	5.7	6.3	7.0	5.0	6.3	7.7	6.2
PPG-TF-151	99	0	81.7	18.3	81.7	18.3	81.7	18.3	6.0	6.7	7.0	7.3	7.3	4.3	5.0	5.7	6.2
MAESTRO (T31)	99	0	63.3	36.7	63.3	36.7	58.3	41.7	5.0	5.7	5.3	6.0	6.3	6.7	7.7	7.0	6.2
ATF 1704	99	0	66.7	33.3	66.7	33.3	53.3	46.7	4.3	6.3	7.3	6.3	7.0	5.0	5.7	7.0	6.1
CAESAR (TY 10)	99	0	58.3	41.7	58.3	41.7	48.3	51.7	6.0	5.3	5.7	7.3	6.0	5.3	5.7	7.3	6.1
HOT ROD (BURL TF-136)	99	0	56.7	43.3	56.7	43.3	51.7	48.3	5.0	5.7	8.0	6.7	6.7	5.0	5.0	6.7	6.1
IS-TF 308 SEL	99	0	76.7	23.3	76.7	23.3	71.7	28.3	5.7	6.3	6.0	6.3	8.0	4.7	5.0	6.7	6.1
ROCKWELL (LTP-TWUU)	99	0	75.0	25.0	75.0	25.0	66.7	33.3	4.3	6.7	6.7	5.7	6.7	5.0	6.7	7.3	6.1
PST-5BPO	99	0	63.3	36.7	63.3	36.7	53.3	46.7	6.3	6.7	5.3	6.3	6.7	5.0	6.0	6.3	6.1
PST-5BRK	99	0	68.3	31.7	68.3	31.7	53.3	46.7	4.7	6.0	7.7	6.7	7.3	4.3	6.0	6.0	6.1
PST-5EX2	99	0	71.7	28.3	71.7	28.3	56.7	43.3	6.0	6.7	5.7	4.3	6.7	5.0	7.3	7.3	6.1
RAD-TF-88	99	0	65.0	35.0	65.0	35.0	61.7	38.3	4.7	6.3	6.7	5.3	6.3	5.7	6.3	7.3	6.1
SALTILLO (PST-5SALT)	99	0	65.0	35.0	65.0	35.0	60.0	40.0	5.0	6.0	5.7	7.3	7.0	5.0	6.0	6.7	6.1
ATF 1736	99	0	68.3	31.7	68.3	31.7	55.0	45.0	6.7	7.3	7.0	5.3	6.3	4.7	4.7	5.7	6.0
BULLSEYE	99	0	65.0	35.0	65.0	35.0	60.0	40.0	5.3	5.3	6.7	5.7	6.3	5.0	7.0	6.7	6.0
COMP. RES. SST	99	0	73.3	26.7	73.3	26.7	73.3	26.7	4.3	5.0	5.3	6.7	6.3	5.7	6.7	7.7	6.0
DZ1	99	0	81.7	18.3	81.7	18.3	73.3	26.7	4.7	5.7	7.0	7.0	6.7	5.0	5.0	6.7	6.0
INSPIRATION (PST-R5NW)	99	0	65.0	35.0	65.0	35.0	50.0	50.0	5.0	6.0	5.0	6.7	7.0	5.0	6.0	7.0	6.0
IS-TF 276 M2	99	0	86.7	13.3	86.7	13.3	76.7	23.3	5.0	5.7	5.7	6.3	7.3	4.7	6.0	7.7	6.0
FIRECRACKER SLS (PPG-TF-105)	99	0	76.7	23.3	76.7	23.3	66.7	33.3	5.3	6.7	7.0	7.3	6.0	4.0	5.3	6.0	6.0
DYNAMITE LS (PPG-TF-145)	99	0	76.7	23.3	76.7	23.3	76.7	23.3	4.0	5.3	5.3	6.0	7.0	6.3	7.0	7.0	6.0
MERIDIAN (PST-5GRB)	99	0	60.0	40.0	60.0	40.0	50.0	50.0	5.7	6.0	5.3	5.7	7.7	5.3	6.3	6.0	6.0
PST-5MVD	99	0	80.0	20.0	80.0	20.0	75.0	25.0	6.7	6.3	6.0	6.3	6.0	4.7	5.0	7.0	6.0
TEMPTATION (OR-21)	99	0	80.0	20.0	80.0	20.0	71.7	28.3	6.0	6.0	5.0	5.7	7.0	5.3	5.7	7.0	6.0
AQUADUCT	99	0	73.3	26.7	73.3	26.7	68.3	31.7	5.0	4.7	5.7	5.7	7.7	4.7	6.0	7.7	5.9
FALCON IV	99	0	60.0	40.0	60.0	40.0	50.0	50.0	4.7	5.0	5.3	6.7	6.3	5.3	7.0	7.0	5.9
MICHELANGELO (LTP-F5DPDR)	99	0	71.7	28.3	71.7	28.3	61.7	38.3	5.0	5.7	5.7	5.7	6.3	6.0	6.3	6.7	5.9
PPG-TF-115	99	0	73.3	26.7	73.3	26.7	65.0	35.0	5.0	5.3	7.0	6.3	6.7	5.3	5.3	6.3	5.9
PSG-TT4	99	0	70.0	30.0	70.0	30.0	70.0	30.0	6.0	6.7	6.3	5.7	6.3	4.7	5.0	6.7	5.9
BIZEM	99	0	78.3	21.7	78.3	21.7	73.3	26.7	5.3	5.7	7.0	5.7	5.7	4.7	5.0	7.0	5.8
IS-TF 285	99	0	63.3	36.7	63.3	36.7	48.3	51.7	5.0	5.0	4.7	6.0	6.7	5.0	7.0	7.0	5.8
IS-TF 289	99	0	70.0	30.0	70.0	30.0	61.7	38.3	4.3	5.0	6.0	5.7	5.7	6.0	6.0	8.0	5.8
IS-TF 310 SEL	99	0	58.3	41.7	58.3	41.7	45.0	55.0	5.7	6.0	6.3	6.3	7.3	4.3	4.3	6.0	5.8
IS-TF 311	99	0	61.7	38.3	61.7	38.3	56.7	43.3	5.0	4.7	6.7	5.7	6.3	4.7	5.7	7.7	5.8
JS 818	99	0	71.7	28.3	71.7	28.3	63.3	36.7	4.3	5.3	6.0	4.0	6.3	6.3	6.7	7.3	5.8
PPG-TF-135	99	0	65.0	35.0	65.0	35.0	61.7	38.3	5.3	6.3	6.0	7.0	7.3	4.7	4.0	5.7	5.8
RAIN DANCE (PST-5SDT)	99	0	53.3	46.7	53.3	46.7	48.3	51.7	4.7	5.3	6.0	5.3	7.3	5.0	6.0	6.7	5.8
WARHAWK	99	0	58.3	41.7	58.3	41.7	50.0	50.0	4.0	5.0	6.0	6.7	7.0	4.7	5.3	7.3	5.8
FOXHOUND (IS-TF 284 M2)	99	0	71.7	28.3	71.7	28.3	58.3	41.7	5.0	6.0	4.3	5.7	7.3	5.0	5.3	6.7	5.7

TABLE 27. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT BLACKSBURG (TRAFFIC), VA 1/
2014 DATA

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

NAME	BEFORE TRAFFIC IN SEPTWMBER		TRAFFIC IN OCTOBER		TRAFFIC IN EARLY NOVEMBER		TRAFFIC IN MIDDLE NOVEMBER		MAY	JUN	JUL	QUALITY RATINGS					MEAN
	% GREEN	% STRAW	% GREEN	% BARE	% GREEN	% BARE	% GREEN	% BARE				AUG	SEP	OCT	NOV	DEC	
JS 819	99	0	71.7	28.3	71.7	28.3	61.7	38.3	4.7	5.3	5.7	5.7	6.7	5.0	5.0	7.3	5.7
204 RES. BLK4	99	0	63.3	36.7	63.3	36.7	55.0	45.0	4.7	5.7	5.0	6.0	7.0	4.7	5.3	6.3	5.6
GO-DFR	99	0	63.3	36.7	63.3	36.7	53.3	46.7	3.7	4.7	5.7	6.0	5.7	5.3	6.3	7.3	5.6
IS-TF 269 SEL	99	0	70.0	30.0	70.0	30.0	55.0	45.0	3.0	4.7	6.0	5.7	6.3	5.7	6.0	7.7	5.6
MARAUDER	99	0	60.0	40.0	60.0	40.0	45.0	55.0	5.0	4.7	4.0	5.7	6.3	5.7	6.7	7.0	5.6
ARES (PPG-TF-142)	99	0	68.3	31.7	68.3	31.7	58.3	41.7	4.3	5.3	5.3	6.7	6.3	5.3	5.0	6.7	5.6
ANNIHILATOR	99	0	70.0	30.0	70.0	30.0	65.0	35.0	3.7	5.0	6.0	6.0	6.7	5.3	5.7	6.0	5.5
FRONTLINE (EXP TF-09)	99	0	68.3	31.7	68.3	31.7	53.3	46.7	4.3	5.0	4.0	5.7	7.0	5.7	6.3	6.3	5.5
GRANDE 3	99	0	66.7	33.3	66.7	33.3	51.7	48.3	3.7	5.3	6.0	7.0	6.7	4.3	4.7	6.7	5.5
IS-TF 272	99	0	73.3	26.7	73.3	26.7	63.3	36.7	4.0	4.3	6.3	5.3	6.0	5.0	6.3	7.0	5.5
JS 825	99	0	66.7	33.3	66.7	33.3	56.7	43.3	4.3	4.7	5.3	6.3	6.0	4.7	5.7	7.3	5.5
PSG-8BP2	99	0	68.3	31.7	68.3	31.7	61.7	38.3	3.3	4.7	5.7	6.3	6.3	5.0	6.0	6.7	5.5
RAD-TF-92	99	0	56.7	43.3	56.7	43.3	43.3	56.7	3.3	4.7	6.3	6.3	6.7	4.0	6.0	7.0	5.5
BAR FA 120878	99	0	71.7	28.3	71.7	28.3	68.3	31.7	5.0	4.7	5.0	5.7	5.3	5.0	5.3	7.0	5.4
DIABLO (IS-TF 330)	99	0	76.7	23.3	76.7	23.3	61.7	38.3	4.7	5.3	6.0	4.7	6.0	4.7	4.7	7.3	5.4
PSG-GSD	99	0	70.0	30.0	70.0	30.0	60.0	40.0	4.3	4.7	6.7	4.7	5.7	4.7	6.0	6.7	5.4
THUNDERSTRUCK (TD1)	99	0	71.7	28.3	71.7	28.3	66.7	33.3	4.3	4.7	3.7	6.3	6.7	5.3	5.7	6.7	5.4
BAR FA 121091	99	0	55.0	45.0	55.0	45.0	41.7	58.3	4.0	4.7	4.3	6.7	5.7	5.0	5.7	6.7	5.3
BAR FA 121095	99	0	75.0	25.0	75.0	25.0	65.0	35.0	4.0	3.7	5.0	5.3	5.7	5.3	6.3	6.7	5.3
KINGDOM (DB1)	99	0	61.7	38.3	61.7	38.3	53.3	46.7	3.3	5.0	6.3	5.7	6.7	4.7	4.7	6.0	5.3
RAD-TF-83	99	0	78.3	21.7	78.3	21.7	63.3	36.7	3.7	4.0	5.3	5.3	6.7	5.0	5.3	6.7	5.3
BAR FA 121089	99	0	68.3	31.7	68.3	31.7	63.3	36.7	3.7	4.3	4.0	5.7	5.7	5.0	5.7	6.3	5.0
JS 809	99	0	70.0	30.0	70.0	30.0	61.7	38.3	5.0	3.3	4.7	5.0	5.3	4.7	5.0	6.7	5.0
K12-05	99	0	76.7	23.3	76.7	23.3	71.7	28.3	4.0	5.0	5.0	6.3	6.3	3.3	4.0	6.0	5.0
KY-31	99	0	70.0	30.0	70.0	30.0	55.0	45.0	4.7	5.0	4.3	5.3	5.7	3.7	4.7	5.7	4.9
K12-13	99	0	55.0	45.0	55.0	45.0	55.0	45.0	4.0	4.3	5.3	5.0	5.0	5.0	4.3	5.3	4.8
LSD VALUE	0	0	63.1	63.1	63.1	63.1	65.9	65.9	2.1	1.6	2.2	3.2	2.0	2.0	3.1	2.8	0.9
C.V. (%)	0	.	18.8	41.6	18.8	41.6	23.7	37.0	20.4	15.8	18.4	19.1	13.3	17.0	19.9	12.7	8.3

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

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