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NATIONAL TALL FESCUE TEST, 2012

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DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	AR1	IN1	NC1	OK1	MEAN
PPG-TF-142	7.7	7.3	5.0	5.3	6.3
PPG-TF-150	6.7	6.7	5.7	6.3	6.3
T31	6.7	6.3	6.0	6.3	6.3
U43	6.7	7.3	6.0	5.3	6.3
IS-TF 308 SEL	6.7	6.7	6.0	5.7	6.3
W41	7.0	6.7	4.7	6.7	6.3
B23	7.3	6.7	5.7	5.3	6.3
BULLSEYE	7.7	6.7	4.3	6.3	6.3
GRANDE 3	7.0	6.3	5.7	6.0	6.3
IS-TF 272	7.3	5.7	5.3	6.7	6.3
IS-TF 284 M2	7.0	6.0	5.0	7.0	6.3
JS 818	6.3	6.7	5.3	6.7	6.3
K12-13	7.0	7.7	4.3	6.0	6.3
TD1	7.3	6.7	5.0	6.0	6.3
TEMPTATION (OR-21)	6.3	5.3	6.3	7.0	6.3
U45	7.0	6.0	5.3	6.7	6.3
DB1	7.0	7.3	5.3	5.3	6.3
DZ1	7.3	7.0	5.3	5.3	6.3
IS-TF 307 SEL	7.0	6.3	5.3	6.3	6.3
LTP-TWUU	7.3	5.3	6.0	6.3	6.3
PPG-TF-138	7.0	6.3	5.3	6.3	6.3
IS-TF 282 M2	6.7	6.0	4.7	7.3	6.2
JS 916	7.0	6.0	5.0	6.7	6.2
PPG-TF-139	7.0	6.7	5.3	5.7	6.2
PSG-P01	7.0	6.7	5.0	6.0	6.2
PST-5BRK	6.7	5.7	5.7	6.7	6.2
RAD-TF-92	7.0	7.7	4.7	5.3	6.2
PPG-TF-115	6.3	6.3	5.7	6.3	6.2
PPG-TF-170	6.7	7.3	5.3	5.3	6.2
PSG-WE1	7.0	6.3	5.3	6.0	6.2
CATALYST	7.0	6.0	6.3	5.0	6.1
FAITH	6.7	6.3	5.3	6.0	6.1
GTO (BURL TF-2)	6.3	6.0	6.0	6.0	6.1
HEMI	7.3	7.0	4.7	5.3	6.1
HOT ROD (BURL TF-136)	7.3	5.7	6.0	5.3	6.1
IS-TF 285	7.3	6.3	5.3	5.3	6.1
PSG-TT4	6.3	5.3	6.0	6.7	6.1
PST-5MVD	6.7	6.3	5.0	6.3	6.1
REGENERATE	7.0	7.0	5.3	5.0	6.1
ATF 1612	6.7	5.7	5.0	6.7	6.0
ATF 1754	6.0	6.7	5.7	5.7	6.0
IS-TF-287	6.7	6.7	5.0	5.7	6.0



DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	AR1	IN1	NC1	OK1	MEAN
PPG-TF-148	6.7	6.0	5.7	5.7	6.0
PSG-8BP2	6.7	5.7	5.0	6.7	6.0
204 RES. BLK4	6.3	6.7	5.3	5.7	6.0
BIZEM	7.0	6.0	5.3	5.7	6.0
IS-TF 291	6.7	6.7	4.7	6.0	6.0
JS 819	6.7	5.3	5.0	7.0	6.0
PST-5BP0	6.7	6.0	5.0	6.3	6.0
PST-5DZP	6.3	6.0	5.0	6.7	6.0
RAD-TF-89	8.0	6.3	5.0	4.7	6.0
RAIN DANCE (PST-5SDT)	6.3	5.3	5.3	7.0	6.0
ATF 1736	6.7	6.0	5.0	6.0	5.9
FALCON IV	7.0	6.0	5.0	5.7	5.9
FRONTLINE (EXP TF-09)	6.7	5.7	5.3	6.0	5.9
IS-TF 330	7.0	6.7	5.0	5.0	5.9
JS 809	6.7	6.0	4.7	6.3	5.9
JS 825	6.0	5.7	5.3	6.7	5.9
INSPIRATION (PST-R5NW)	6.3	6.0	5.3	6.0	5.9
MET 6 SEL	6.0	6.3	5.3	6.0	5.9
PST-5R05	6.3	5.3	5.0	7.0	5.9
RAD-TF-88	7.0	7.3	5.0	4.3	5.9
BAR FA 121095	6.7	6.0	4.7	6.0	5.8
BAR FA 121089	6.0	5.3	5.3	6.7	5.8
BURL TF-69	6.7	7.3	5.0	4.3	5.8
CAESAR (TY 10)	6.7	5.7	5.0	5.7	5.8
AQUADUCT	6.7	5.7	5.3	5.3	5.8
PPG-TF-156	6.7	6.0	5.3	5.0	5.8
WARHAWK	6.3	5.7	5.3	5.7	5.8
BAR FA 121091	6.7	5.7	4.7	5.7	5.7
BAR FA 120878	6.0	5.3	4.7	6.3	5.6
COMP. RES. SST	6.7	6.0	5.3	4.0	5.5
ANNIHILATOR LEDEBOER	6.3	6.0	4.7	4.0	5.3
MARAUDER	6.0	6.0	5.0	4.0	5.3
KY-31	5.3	4.0	4.0	5.7	4.8
LSD VALUE	1.0	1.2	1.4	1.3	0.6
C.V. (%)	9.3	11.7	16.0	13.0	12.4

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

TABLE 20.

FALL DENSITY RATINGS OF TALL FESCUE CULTIVARS 1/  
2013 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	NC1	OK1	MEAN	NAME	NC1	OK1	MEAN
IS-TF 269 SEL	8.0	7.0	7.5	TEMPTATION (OR-21)	7.7	6.3	7.0
PST-5GRB	8.0	7.0	7.5	U45	8.0	6.0	7.0
RZ2	8.0	7.0	7.5	ATF 1736	8.0	5.7	6.8
CCR2	8.0	6.7	7.3	CAESAR (TY 10)	7.0	6.7	6.8
IS-TF 272	8.0	6.7	7.3	FALCON V	8.0	5.7	6.8
IS-TF 282 M2	8.0	6.7	7.3	GTO (BURL TF-2)	7.7	6.0	6.8
IS-TF 284 M2	7.7	7.0	7.3	HOT ROD (BURL TF-136)	8.0	5.7	6.8
JS 916	7.7	7.0	7.3	IS-TF 291	8.0	5.7	6.8
K12-05	8.0	6.7	7.3	IS-TF 305 SEL	7.7	6.0	6.8
PICK-W43	8.0	6.7	7.3	IS-TF 307 SEL	8.0	5.7	6.8
BAR FA 121089	7.7	6.7	7.2	IS-TF 308 SEL	8.0	5.7	6.8
IS-TF 276 M2	7.7	6.7	7.2	IS-TF 330	8.0	5.7	6.8
PSG-TT4	7.7	6.7	7.2	LTP-TWUU	8.0	5.7	6.8
TERRANO	7.7	6.7	7.2	MET 1	8.0	5.7	6.8
ATF 1704	8.0	6.3	7.2	PPG-TF-105	8.0	5.7	6.8
IS-TF 310 SEL	8.0	6.3	7.2	PPG-TF-115	7.7	6.0	6.8
LTP-FSD	8.0	6.3	7.2	PPG-TF-135	8.0	5.7	6.8
MET-3	8.0	6.3	7.2	PPG-TF-137	8.0	5.7	6.8
PPG-TF-152	8.0	6.3	7.2	PPG-TF-138	8.0	5.7	6.8
PPG-TF-169	8.0	6.3	7.2	PPG-TF-139	7.7	6.0	6.8
PST-5BPO	8.0	6.3	7.2	PPG-TF-170	8.0	5.7	6.8
PST-5EV2	8.0	6.3	7.2	PST-5BRK	7.7	6.0	6.8
RAIN DANCE (PST-5SDT)	7.3	7.0	7.2	RHAMBLER 2 SRP (LSD)	8.0	5.7	6.8
ZW 44	8.0	6.3	7.2	T31	8.0	5.7	6.8
ATF 1612	7.7	6.3	7.0	U43	8.0	5.7	6.8
BAR FA 121091	7.7	6.3	7.0	W41	7.7	6.0	6.8
F711	8.0	6.0	7.0	BAR FA 121095	7.3	6.3	6.8
FESNOVA	7.7	6.3	7.0	BULLSEYE	7.3	6.3	6.8
INSPIRATION (PST-R5NW)	7.3	6.7	7.0	GO-DFR	7.3	6.3	6.8
IS-TF 289	7.7	6.3	7.0	JS 825	7.3	6.3	6.8
IS-TF 311	7.3	6.7	7.0	PPG-TF-145	7.3	6.3	6.8
K12-MCD	7.7	6.3	7.0	AQUADUCT	6.7	6.7	6.7
MET 6 SEL	8.0	6.0	7.0	DZ1	7.7	5.7	6.7
PPG-TF-157	7.7	6.3	7.0	FAITH	7.7	5.7	6.7
PPG-TF-172	8.0	6.0	7.0	FIREBIRD 2	7.7	5.7	6.7
PSG-8BP2	7.0	7.0	7.0	GRANDE 3	7.7	5.7	6.7
PSG-GSD	7.7	6.3	7.0	JS 818	7.7	5.7	6.7
PSG-WE1	8.0	6.0	7.0	PSG-PO1	7.7	5.7	6.7
PST-5DZP	7.3	6.7	7.0	W45	7.7	5.7	6.7
PST-5EX2	7.3	6.7	7.0	BIZEM	8.0	5.3	6.7
TD1	7.7	6.3	7.0	FALCON IV	7.3	6.0	6.7
				IS-TF-287	8.0	5.3	6.7

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	NC1	OK1	MEAN
PPG-TF-148	8.0	5.3	6.7
PPG-TF-150	8.0	5.3	6.7
PPG-TF-151	8.0	5.3	6.7
SALTILLO (PST-5SALT)	7.3	6.0	6.7
ATF 1754	7.7	5.3	6.5
B23	8.0	5.0	6.5
BAR FA 120878	6.7	6.3	6.5
IS-TF 285	7.7	5.3	6.5
JS 809	7.3	5.7	6.5
K12-13	7.3	5.7	6.5
LTP-F5DPDR	7.3	5.7	6.5
PPG-TF-142	7.3	5.7	6.5
PPG-TF-156	7.7	5.3	6.5
PST-5MVD	7.7	5.3	6.5
PST-5R05	7.0	6.0	6.5
DB1	7.7	5.0	6.3
WARHAWK	7.0	5.7	6.3
SRX-TPC	7.3	5.3	6.3
204 RES. BLK4	7.7	4.7	6.2
ANNIHILATOR LEDEBOER	7.7	4.7	6.2
FRONTLINE (EXP TF-09)	6.7	5.7	6.2
HEMI	7.7	4.7	6.2
RAD-TF-83	7.7	4.7	6.2
RAD-TF-92	7.7	4.7	6.2
CATALYST	7.3	5.0	6.2
JS 819	7.0	5.3	6.2
REGENERATE	8.0	4.3	6.2
BURL TF-69	8.0	4.0	6.0
RAD-TF-88	8.0	3.7	5.8
COMP. RES. SST	7.7	3.7	5.7
RAD-TF-89	7.7	3.7	5.7
MARAUDER	7.3	4.0	5.7
KY-31	5.0	6.0	5.5
LSD VALUE	0.7	1.3	0.7
C.V. (%)	5.5	13.8	9.6

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

TABLE 21. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF TALL FESCUE CULTIVARS 1/  
2013 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	AR1	M01	NC1	TN1	MEAN
MET 1	92.3	85.0	97.0	96.3	92.7
F711	91.7	81.7	96.0	96.7	91.5
LTP-FSD	91.0	86.7	89.7	97.3	91.2
PPG-TF-169	88.3	81.7	98.3	95.7	91.0
PST-5BRK	89.0	85.0	92.7	96.3	90.8
B23	89.0	83.3	94.3	96.3	90.8
CATALYST	89.7	80.0	96.0	96.3	90.5
FALCON V	92.7	78.3	94.7	96.0	90.4
LTP-TWUU	93.0	76.7	95.3	96.7	90.4
PST-5R05	89.0	85.0	90.0	97.7	90.4
CAESAR (TY 10)	87.3	81.7	95.3	96.7	90.3
PICK-W43	90.7	76.7	96.0	97.3	90.2
PST-5EX2	92.0	76.7	94.3	96.7	89.9
PPG-TF-105	88.0	78.3	96.0	97.0	89.8
PST-5EV2	90.3	76.7	95.0	97.0	89.8
SRX-TPC	88.0	80.0	93.3	97.3	89.7
KY-31	85.0	85.0	92.7	95.3	89.5
PPG-TF-170	86.7	85.0	90.0	96.3	89.5
MET-3	88.7	75.0	97.3	96.7	89.4
204 RES. BLK4	86.0	78.3	97.0	95.7	89.3
FALCON IV	90.3	78.3	91.7	96.0	89.1
U43	85.7	80.0	94.3	96.3	89.1
W45	84.0	83.3	91.7	97.0	89.0
FAITH	89.0	76.7	93.3	96.7	88.9
PST-5GRB	89.3	76.7	92.7	96.3	88.8
ATF 1704	88.7	75.0	94.7	96.3	88.7
PPG-TF-152	90.7	71.7	96.0	96.3	88.7
FESNOVA	85.7	78.3	94.3	96.3	88.7
GRANDE 3	89.7	73.3	96.0	95.3	88.6
K12-MCD	88.0	76.7	92.7	96.7	88.5
TERRANO	87.0	76.7	93.3	97.0	88.5
ZW 44	90.0	78.3	89.3	96.3	88.5
PPG-TF-172	87.7	73.3	96.3	96.3	88.4
LTP-F5DPDR	87.0	76.7	93.3	96.3	88.3
PSG-PO1	85.7	80.0	91.0	96.3	88.3
REGENERATE	85.0	83.3	88.3	96.3	88.3
PSG-GSD	83.7	80.0	92.7	96.3	88.2
PPG-TF-150	89.3	78.3	90.0	95.0	88.2
AQUADUCT	83.7	75.0	97.7	96.0	88.1
BAR FA 120878	82.7	76.7	97.3	95.7	88.1
IS-TF 269 SEL	87.0	76.7	91.3	97.3	88.1
PPG-TF-148	87.3	78.3	90.0	96.7	88.1

TABLE 21. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2013 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	AR1	M01	NC1	TN1	MEAN
T31	88.0	73.3	94.3	96.7	88.1
IS-TF 276 M2	83.0	76.7	95.7	96.7	88.0
PPG-TF-151	88.3	70.0	97.3	96.3	88.0
CCR2	90.0	75.0	90.0	96.3	87.8
FIREBIRD 2	89.0	76.7	90.0	95.3	87.8
IS-TF 308 SEL	88.7	71.7	94.3	96.0	87.7
PPG-TF-139	90.0	71.7	91.7	97.3	87.7
PST-5MVD	89.7	76.7	88.3	96.0	87.7
GTO (BURL TF-2)	90.3	70.0	94.3	96.0	87.7
ATF 1736	89.3	76.7	88.3	96.0	87.6
ATF 1754	90.0	68.3	96.3	95.7	87.6
PSG-TT4	87.0	71.7	95.3	96.3	87.6
MARAUDER	87.0	75.0	91.0	97.0	87.5
PST-5BPO	89.0	75.0	90.0	96.0	87.5
BIZEM	92.0	68.3	93.3	96.3	87.5
IS-TF 310 SEL	88.7	73.3	91.7	96.0	87.4
RAIN DANCE (PST-5SDT)	88.0	68.3	96.0	97.0	87.3
PPG-TF-115	87.0	78.3	86.7	96.7	87.2
PPG-TF-137	85.7	76.7	90.0	96.3	87.2
RAD-TF-89	83.0	78.3	91.0	95.7	87.0
PPG-TF-156	86.7	73.3	91.7	96.0	86.9
RHAMBLER 2 SRP (LSD)	82.7	78.3	89.7	96.7	86.8
ANNIHILATOR LEDEBOER	80.3	78.3	91.7	96.3	86.7
RZ2	90.3	65.0	95.0	96.3	86.7
IS-TF 291	82.7	83.3	83.3	96.7	86.5
BURL TF-69	82.3	75.0	91.7	96.7	86.4
PSG-WE1	88.7	70.0	90.0	97.0	86.4
RAD-TF-83	85.0	75.0	89.3	96.3	86.4
U45	86.0	73.3	90.0	96.3	86.4
IS-TF 289	83.3	76.7	90.0	95.3	86.3
RAD-TF-88	85.7	73.3	90.0	96.3	86.3
ATF 1612	87.3	71.7	90.0	96.0	86.3
HEMI	83.7	73.3	91.7	96.0	86.2
IS-TF 285	81.7	75.0	91.7	96.3	86.2
IS-TF-287	79.7	76.7	91.7	96.7	86.2
K12-05	85.7	71.7	91.7	95.7	86.2
WARHAWK	81.3	70.0	95.7	97.3	86.1
JS 819	82.0	75.0	92.7	94.3	86.0
HOT ROD (BURL TF-136)	84.7	71.7	94.0	93.3	85.9
COMP. RES. SST	76.7	78.3	93.3	95.3	85.9
SALTILLO (PST-5SALT)	84.0	76.7	86.7	96.0	85.8
BAR FA 121091	83.3	73.3	90.0	96.3	85.8

TABLE 21. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2013 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	AR1	M01	NC1	TN1	MEAN
FRONTLINE (EXP TF-09)	82.7	68.3	96.0	96.0	85.8
PPG-TF-138	87.0	68.3	90.0	96.7	85.5
MET 6 SEL	86.0	70.0	90.0	95.7	85.4
TEMPTATION (OR-21)	81.7	70.0	93.0	97.0	85.4
PPG-TF-135	88.0	65.0	93.3	95.3	85.4
IS-TF 282 M2	83.7	75.0	85.0	97.0	85.2
JS 809	78.3	75.0	90.0	96.7	85.0
BULLSEYE	84.3	71.7	86.7	97.0	84.9
IS-TF 330	82.7	75.0	85.0	97.0	84.9
JS 825	80.7	75.0	88.3	95.7	84.9
PPG-TF-157	86.3	66.7	90.0	96.7	84.9
DB1	85.3	70.0	88.3	96.0	84.9
PST-5DZP	87.7	66.7	88.3	96.7	84.8
INSPIRATION (PST-R5NW)	87.3	65.0	90.0	97.0	84.8
GO-DFR	83.3	68.3	90.0	97.3	84.8
IS-TF 311	90.0	65.0	87.7	96.0	84.7
PSG-8BP2	84.3	68.3	90.0	96.0	84.7
JS 916	84.7	73.3	85.0	95.3	84.6
W41	87.3	71.7	81.7	96.3	84.3
BAR FA 121089	87.3	68.3	85.0	95.0	83.9
DZ1	76.3	71.7	91.7	95.7	83.8
IS-TF 284 M2	86.3	65.0	90.0	94.0	83.8
IS-TF 307 SEL	85.7	65.0	86.7	97.3	83.7
JS 818	78.7	68.3	91.7	96.0	83.7
IS-TF 272	89.0	61.7	88.3	94.7	83.4
TD1	78.0	73.3	86.7	95.7	83.4
IS-TF 305 SEL	79.7	70.0	88.3	94.7	83.2
RAD-TF-92	79.3	71.7	85.0	95.3	82.8
PPG-TF-142	79.3	66.7	86.7	96.7	82.3
K12-13	81.7	66.7	90.0	90.0	82.1
BAR FA 121095	79.7	66.7	85.0	95.0	81.6
PPG-TF-145	73.0	61.7	88.3	96.0	79.8
LSD VALUE	7.2	11.8	8.1	1.9	4.0
C.V. (%)	5.2	9.8	5.5	1.3	5.7

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

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

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	AR1	M01	NC1	TN1	MEAN
B23	83.7	95.7	96.3	97.3	93.3
F711	79.3	96.0	98.7	97.7	92.9
PST-5BRK	83.0	95.0	96.3	96.7	92.8
PPG-TF-105	79.7	94.3	98.3	97.3	92.4
GRANDE 3	79.7	96.7	96.0	96.3	92.2
RHAMBLER 2 SRP (LSD)	77.7	95.0	97.7	97.7	92.0
PICK-W43	80.7	93.3	97.0	97.0	92.0
PPG-TF-172	81.3	91.7	98.7	96.0	91.9
MET 6 SEL	81.3	91.7	96.3	98.0	91.8
PPG-TF-152	77.7	94.0	98.3	97.0	91.8
BIZEM	79.0	93.3	98.3	96.0	91.7
ATF 1704	80.3	91.7	97.7	96.3	91.5
PPG-TF-170	78.3	95.7	95.0	97.0	91.5
U45	80.3	91.7	97.3	96.7	91.5
PSG-PO1	81.0	91.7	95.7	97.3	91.4
FESNOVA	78.7	93.3	97.3	96.3	91.4
W45	76.3	96.0	95.7	97.3	91.3
PPG-TF-148	79.7	95.0	93.3	97.0	91.3
PSG-GSD	78.0	96.0	94.3	96.3	91.2
CCR2	84.0	89.3	94.3	96.7	91.1
MET-3	75.3	93.3	98.7	97.0	91.1
PPG-TF-157	78.0	92.3	96.0	98.0	91.1
MET 1	76.0	95.7	95.7	96.7	91.0
ATF 1612	81.7	90.0	95.0	97.3	91.0
CATALYST	75.7	93.3	98.7	96.3	91.0
LTP-FSD	78.0	96.0	93.0	97.0	91.0
BURL TF-69	78.7	92.3	95.3	97.3	90.9
PST-5R05	76.0	96.3	94.3	97.0	90.9
IS-TF 276 M2	76.3	91.7	97.7	97.7	90.8
IS-TF-287	76.7	95.0	95.0	96.7	90.8
FALCON V	78.3	92.7	96.3	96.0	90.8
LTP-TWUU	77.0	91.7	97.3	97.0	90.8
PSG-WE1	77.3	91.7	96.0	98.0	90.8
PST-5EV2	77.3	93.3	98.3	94.0	90.8
PPG-TF-150	77.7	94.3	95.3	95.3	90.7
PPG-TF-151	77.7	93.3	97.7	93.7	90.6
PPG-TF-169	80.0	95.7	94.7	92.0	90.6
TERRANO	75.0	95.0	98.3	94.0	90.6
HEMI	76.3	91.7	97.0	97.0	90.5
LTP-F5DPDR	76.3	94.0	98.0	93.7	90.5
COMP. RES. SST	76.7	94.0	94.3	96.7	90.4
PPG-TF-135	76.0	91.7	97.7	96.3	90.4

TABLE 22. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2013 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	AR1	M01	NC1	TN1	MEAN
RZ2	75.7	93.3	98.7	94.0	90.4
U43	75.7	93.7	97.3	94.7	90.3
DZ1	76.7	93.3	96.0	95.3	90.3
HOT ROD (BURL TF-136)	76.0	91.7	97.3	96.3	90.3
JS 916	78.3	93.3	94.7	94.7	90.3
GTO (BURL TF-2)	74.7	91.7	97.3	97.0	90.2
PST-5BP0	79.7	90.7	96.0	94.3	90.2
ATF 1754	76.0	91.7	96.3	96.3	90.1
FALCON IV	77.3	93.3	94.7	95.0	90.1
REGENERATE	79.7	96.0	88.3	96.3	90.1
IS-TF 289	78.3	91.0	96.0	94.7	90.0
IS-TF 291	77.0	93.3	92.7	97.0	90.0
SALTILLO (PST-5SALT)	77.7	95.0	93.0	94.3	90.0
PPG-TF-145	78.0	90.7	93.3	97.3	89.8
RAD-TF-88	73.7	93.3	95.0	97.3	89.8
TD1	77.3	90.0	95.3	96.7	89.8
PPG-TF-156	73.0	93.3	96.0	96.7	89.8
PST-5EX2	75.0	94.0	95.3	94.7	89.8
204 RES. BLK4	73.0	94.0	96.3	95.3	89.7
IS-TF 330	75.7	91.7	94.3	96.3	89.5
PPG-TF-115	75.3	94.0	91.3	97.0	89.4
ZW 44	71.0	94.3	94.3	98.0	89.4
IS-TF 269 SEL	70.7	94.3	94.7	97.7	89.3
PPG-TF-142	74.7	91.7	93.3	97.7	89.3
DB1	75.3	93.3	94.3	94.3	89.3
RAD-TF-92	76.0	91.7	94.7	94.7	89.3
ATF 1736	78.3	91.7	90.0	97.0	89.3
IS-TF 284 M2	75.0	90.0	95.3	96.7	89.3
IS-TF 305 SEL	73.7	90.0	96.0	97.3	89.3
RAIN DANCE (PST-5SDT)	79.0	88.3	97.0	92.7	89.3
MARAUDER	75.0	93.3	93.3	95.0	89.2
PST-5MVD	77.7	93.3	91.7	93.7	89.1
SRX-TPC	68.7	92.3	97.3	97.7	89.0
T31	75.3	88.3	96.3	96.0	89.0
IS-TF 282 M2	79.0	91.7	88.3	96.7	88.9
K12-MCD	73.0	92.7	94.7	95.0	88.8
PPG-TF-138	75.0	91.7	94.3	94.3	88.8
WARHAWK	74.0	90.0	96.0	95.3	88.8
IS-TF 272	77.3	86.7	94.3	96.7	88.8
IS-TF 308 SEL	68.7	91.7	97.3	97.3	88.8
CAESAR (TY 10)	71.0	94.3	95.0	93.7	88.5
PPG-TF-139	71.3	93.3	91.7	97.7	88.5



TABLE 22. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2013 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	AR1	M01	NC1	TN1	MEAN
PST-5GRB	72.3	91.7	97.0	92.7	88.4
TEMPTATION (OR-21)	69.7	91.7	97.3	94.7	88.3
BAR FA 121089	77.3	90.0	90.0	96.0	88.3
BAR FA 121095	76.7	90.0	91.7	94.7	88.3
PST-5DZP	76.0	91.0	95.0	90.3	88.1
FIREBIRD 2	68.3	93.3	93.3	97.0	88.0
IS-TF 285	63.7	95.0	96.3	97.0	88.0
IS-TF 307 SEL	70.7	91.7	93.3	96.3	88.0
JS 825	73.3	94.0	91.7	93.0	88.0
BAR FA 120878	75.7	93.3	90.0	92.3	87.8
JS 819	73.3	93.3	96.3	88.3	87.8
FAITH	65.7	93.3	96.0	95.7	87.7
ANNIHILATOR LEDEBOER	70.3	92.3	91.7	96.3	87.7
JS 818	75.0	90.0	93.0	92.0	87.5
RAD-TF-83	70.3	90.0	93.3	96.0	87.4
PPG-TF-137	62.7	93.3	97.3	96.0	87.3
INSPIRATION (PST-R5NW)	71.0	91.7	93.3	93.0	87.3
RAD-TF-89	64.3	94.7	94.7	94.7	87.1
GO-DFR	71.0	92.7	93.3	91.3	87.1
BULLSEYE	70.0	91.7	90.0	96.3	87.0
IS-TF 310 SEL	60.7	93.3	97.0	97.0	87.0
K12-05	71.0	91.7	95.0	89.7	86.8
FRONTLINE (EXP TF-09)	68.3	91.0	93.3	93.0	86.4
AQUADUCT	61.3	95.0	93.3	95.7	86.3
PSG-TT4	66.7	91.7	92.7	92.0	85.8
JS 809	69.0	95.0	93.0	85.7	85.7
IS-TF 311	64.3	88.3	93.0	97.0	85.7
W41	62.7	93.3	90.0	95.3	85.3
K12-13	66.0	90.0	93.3	91.7	85.3
PSG-8BP2	64.7	86.7	93.3	95.3	85.0
BAR FA 121091	71.3	90.0	88.3	87.3	84.3
KY-31	71.7	95.0	81.7	84.0	83.1
LSD VALUE	12.0	5.2	5.9	5.2	3.8
C.V. (%)	10.0	3.5	3.9	3.4	5.3

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.

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	GA1	NC1	OK1	TN1	MEAN
PICK-W43	70.0	99.0	91.7	95.3	89.0
K12-05	70.0	98.3	90.0	95.0	88.3
ATF 1736	73.3	96.3	86.7	96.0	88.1
CAESAR (TY 10)	70.0	98.3	88.3	94.3	87.8
IS-TF-287	80.0	97.3	78.3	95.3	87.8
RAIN DANCE (PST-5SDT)	63.3	98.7	92.7	96.0	87.7
PPG-TF-151	63.3	98.7	91.7	95.7	87.3
PST-5BRK	66.7	98.3	86.7	97.0	87.2
PPG-TF-152	66.7	99.0	86.7	96.0	87.1
TERRANO	65.0	99.0	90.0	94.0	87.0
ZW 44	70.0	98.7	83.3	95.0	86.8
PPG-TF-169	66.7	98.7	86.7	94.3	86.6
BIZEM	66.7	98.7	85.0	95.7	86.5
RHAMBLER 2 SRP (LSD)	66.7	98.7	85.0	95.7	86.5
PST-5GRB	60.0	97.7	91.7	96.3	86.4
SRX-TPC	66.7	98.7	85.0	95.0	86.3
GRANDE 3	63.3	99.0	86.7	95.7	86.2
INSPIRATION (PST-R5NW)	63.3	96.3	88.3	95.7	85.9
LTP-F5DPDR	60.0	99.0	88.3	95.7	85.8
IS-TF 310 SEL	60.0	99.0	88.3	95.0	85.6
IS-TF 276 M2	60.0	99.0	87.7	95.0	85.4
MET 1	70.0	99.0	76.7	95.7	85.3
IS-TF 308 SEL	65.0	99.0	81.7	95.0	85.2
W45	66.7	97.7	81.7	94.7	85.2
FRONTLINE (EXP TF-09)	60.0	97.0	88.3	95.0	85.1
K12-13	66.7	93.3	85.0	95.3	85.1
PPG-TF-156	66.7	99.0	78.3	95.7	84.9
GTO (BURL TF-2)	60.0	99.0	85.0	95.3	84.8
MET-3	60.0	99.0	85.0	95.3	84.8
JS 809	70.0	96.3	81.7	90.7	84.7
ATF 1612	56.7	97.7	88.3	95.3	84.5
PPG-TF-170	70.0	98.7	73.3	95.7	84.4
F711	60.0	99.0	83.3	95.3	84.4
BAR FA 120878	53.3	96.0	91.7	96.3	84.3
K12-MCD	55.0	97.7	88.3	96.3	84.3
IS-TF 305 SEL	53.3	98.3	90.0	95.3	84.3
AQUADUCT	55.0	95.0	91.7	95.0	84.2
TD1	53.3	98.7	90.0	94.7	84.2
PST-5MVD	56.7	97.3	86.7	95.7	84.1
CCR2	56.7	97.7	86.7	95.3	84.1
LTP-FSD	56.7	97.7	86.7	95.3	84.1
IS-TF 284 M2	53.3	97.0	90.0	95.0	83.8

TABLE 23. PERCENT LIVING GROUND COVER (FALL) RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2013 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	GA1	NC1	OK1	TN1	MEAN
IS-TF 285	56.7	97.7	85.0	95.7	83.8
RZ2	50.0	99.0	90.0	96.0	83.8
PPG-TF-105	53.3	99.0	86.7	95.7	83.7
PST-5DZP	56.7	96.0	86.0	95.3	83.5
IS-TF 282 M2	53.3	94.7	90.0	95.7	83.4
IS-TF 330	53.3	96.3	88.7	95.3	83.4
IS-TF 272	50.0	97.7	90.0	95.7	83.3
IS-TF 269 SEL	53.3	96.3	88.3	95.0	83.3
IS-TF 311	50.0	97.7	90.0	95.3	83.3
FIREBIRD 2	56.7	97.3	83.3	95.3	83.2
BAR FA 121089	50.0	95.3	91.7	95.3	83.1
IS-TF 289	46.7	97.3	93.3	95.0	83.1
DZ1	56.7	98.3	81.7	95.3	83.0
PST-5EX2	46.7	98.7	90.0	96.7	83.0
U45	53.3	99.0	83.3	95.7	82.8
JS 825	50.0	96.0	90.0	95.3	82.8
KY-31	55.0	91.7	88.3	96.3	82.8
PPG-TF-138	56.7	98.3	80.0	96.3	82.8
FAITH	53.3	98.7	83.3	95.3	82.7
PSG-WE1	53.3	98.3	83.3	95.0	82.5
PPG-TF-137	50.0	99.0	85.0	95.7	82.4
FALCON IV	50.0	97.7	86.7	95.0	82.3
PSG-GSD	50.0	96.3	86.7	96.0	82.3
IS-TF 291	53.3	96.0	83.3	95.3	82.0
PSG-TT4	50.0	98.3	83.3	96.3	82.0
PPG-TF-115	46.7	94.7	90.0	96.3	81.9
W41	50.0	94.3	88.3	95.0	81.9
PPG-TF-150	50.0	98.7	82.7	95.7	81.8
PST-5EV2	43.3	97.7	90.0	96.0	81.8
PST-5R05	46.7	97.3	86.7	96.3	81.8
HOT ROD (BURL TF-136)	50.0	98.7	81.7	96.3	81.7
PPG-TF-139	45.0	98.7	86.7	96.0	81.6
TEMPTATION (OR-21)	43.3	98.7	90.0	94.3	81.6
FESNOVA	46.7	97.7	86.7	95.0	81.5
MET 6 SEL	50.0	98.7	81.7	95.3	81.4
PST-5BPO	43.3	97.3	88.3	96.7	81.4
DB1	56.7	96.0	76.7	95.0	81.1
GO-DFR	46.7	96.0	86.7	95.0	81.1
ATF 1754	53.3	97.7	76.7	96.0	80.9
RAD-TF-92	66.7	98.7	65.0	93.3	80.9
BAR FA 121091	46.7	94.3	87.7	94.3	80.8
IS-TF 307 SEL	40.0	97.3	90.0	95.0	80.6

TABLE 23. PERCENT LIVING GROUND COVER (FALL) RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2013 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	GA1	NC1	OK1	TN1	MEAN
BAR FA 121095	43.3	95.0	87.7	95.3	80.3
PPG-TF-145	40.0	96.3	89.3	95.7	80.3
SALTILLO (PST-5SALT)	36.7	95.7	92.7	96.3	80.3
B23	60.0	98.0	66.7	95.7	80.1
BULLSEYE	50.0	96.3	78.3	95.7	80.1
PPG-TF-135	43.3	99.0	82.7	95.3	80.1
RAD-TF-83	60.0	96.0	71.7	92.3	80.0
REGENERATE	60.0	99.0	66.7	94.3	80.0
FALCON V	43.3	97.3	83.3	95.3	79.8
U43	53.3	99.0	71.7	94.3	79.6
ATF 1704	33.3	99.0	90.0	95.7	79.5
T31	40.0	98.3	85.0	94.7	79.5
PPG-TF-172	36.7	99.0	86.0	95.7	79.3
PSG-8BP2	36.7	92.7	91.0	95.7	79.0
HEMI	50.0	98.3	71.7	95.7	78.9
LTP-TWUU	35.0	99.0	86.7	95.0	78.9
PPG-TF-142	36.7	97.0	86.7	95.0	78.8
WARHAWK	46.7	96.0	78.3	93.3	78.6
PSG-PO1	43.3	97.7	76.7	96.0	78.4
PPG-TF-157	33.3	98.7	86.0	95.3	78.3
JS 916	36.7	97.3	83.3	95.3	78.2
JS 819	46.7	96.3	76.7	92.7	78.1
JS 818	40.0	97.3	80.0	94.3	77.9
BURL TF-69	53.3	98.7	66.7	91.3	77.5
PPG-TF-148	45.0	98.7	70.0	96.0	77.4
RAD-TF-89	63.3	98.7	51.7	92.7	76.6
204 RES. BLK4	55.0	94.7	58.3	93.7	75.4
CATALYST	35.0	99.0	68.3	95.7	74.5
MARAUDER	56.7	97.0	53.3	78.3	71.3
RAD-TF-88	53.3	98.7	40.0	91.3	70.8
ANNIHILATOR LEDEBOER	53.3	94.7	60.0	71.3	69.8
COMP. RES. SST	53.3	97.7	40.0	77.3	67.1
LSD VALUE	28.9	3.1	12.6	4.9	7.7
C.V. (%)	32.2	2.0	9.5	3.2	11.6

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

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

WINTER COLOR RATINGS OF TALL FESCUE CULTIVARS 1/  
 2013 DATA

WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	MS1	TN1	MEAN	NAME	MS1	TN1	MEAN
PPG-TF-139	7.3	8.3	7.8	RHAMBLER 2 SRP (LSD)	7.0	7.3	7.2
TEMPTATION (OR-21)	7.3	8.3	7.8	SRX-TPC	7.0	7.3	7.2
PPG-TF-151	7.0	8.3	7.7	U45	7.0	7.3	7.2
PPG-TF-157	7.0	8.3	7.7	AQUADUCT	7.3	6.7	7.0
RAD-TF-83	7.3	8.0	7.7	ATF 1704	7.0	7.0	7.0
BURL TF-69	7.0	8.0	7.5	ATF 1754	7.0	7.0	7.0
IS-TF 282 M2	7.0	8.0	7.5	B23	7.0	7.0	7.0
IS-TF 291	7.3	7.7	7.5	CATALYST	7.0	7.0	7.0
PPG-TF-172	7.0	8.0	7.5	COMP. RES. SST	7.0	7.0	7.0
T31	7.0	8.0	7.5	DZ1	7.0	7.0	7.0
W41	7.0	8.0	7.5	FALCON V	7.0	7.0	7.0
ANNIHILATOR LEDEBOER	7.0	7.7	7.3	FRONTLINE (EXP TF-09)	7.3	6.7	7.0
BAR FA 121091	7.0	7.7	7.3	GTO (BURL TF-2)	7.0	7.0	7.0
DB1	7.0	7.7	7.3	INSPIRATION (PST-R5NW)	7.0	7.0	7.0
GRANDE 3	7.0	7.7	7.3	IS-TF 307 SEL	7.0	7.0	7.0
HEMI	7.0	7.7	7.3	LTP-TWUU	7.0	7.0	7.0
IS-TF 269 SEL	7.0	7.7	7.3	PPG-TF-142	7.3	6.7	7.0
IS-TF 276 M2	7.0	7.7	7.3	PSG-P01	7.0	7.0	7.0
IS-TF 310 SEL	7.0	7.7	7.3	PSG-WE1	7.0	7.0	7.0
MET 1	7.0	7.7	7.3	PST-5BRK	7.0	7.0	7.0
PPG-TF-138	7.0	7.7	7.3	RAD-TF-88	7.0	7.0	7.0
PPG-TF-148	7.0	7.7	7.3	RAD-TF-89	7.0	7.0	7.0
PST-5BPO	7.0	7.7	7.3	W45	7.0	7.0	7.0
TD1	7.0	7.7	7.3	ZW 44	7.0	7.0	7.0
U43	7.0	7.7	7.3	204 RES. BLK4	7.0	6.7	6.8
IS-TF 308 SEL	7.3	7.3	7.3	ATF 1736	7.0	6.7	6.8
PPG-TF-115	7.3	7.3	7.3	F711	7.0	6.7	6.8
CAESAR (TY 10)	7.7	6.7	7.2	FALCON IV	7.0	6.7	6.8
WARHAWK	6.7	7.7	7.2	GO-DFR	7.0	6.7	6.8
ATF 1612	7.0	7.3	7.2	IS-TF 305 SEL	7.0	6.7	6.8
CCR2	7.0	7.3	7.2	PICK-W43	7.0	6.7	6.8
FIREBIRD 2	7.0	7.3	7.2	PPG-TF-105	7.0	6.7	6.8
IS-TF 311	7.0	7.3	7.2	PPG-TF-135	7.0	6.7	6.8
K12-MCD	7.0	7.3	7.2	PST-5EV2	7.0	6.7	6.8
LTP-FSD	7.0	7.3	7.2	REGENERATE	7.0	6.7	6.8
MARAUDER	7.0	7.3	7.2	BAR FA 121095	7.0	6.3	6.7
PPG-TF-145	7.0	7.3	7.2	FAITH	7.0	6.3	6.7
PPG-TF-156	7.0	7.3	7.2	IS-TF 272	7.0	6.3	6.7
PPG-TF-169	7.0	7.3	7.2	IS-TF 289	7.0	6.3	6.7
PPG-TF-170	7.3	7.0	7.2	IS-TF 330	7.3	6.0	6.7
PSG-GSD	7.0	7.3	7.2	JS 809	7.0	6.3	6.7
				JS 825	7.0	6.3	6.7

WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	MS1	TN1	MEAN
LTP-F5DPDR	7.0	6.3	6.7
MET-3	7.0	6.3	6.7
PPG-TF-137	7.0	6.3	6.7
PPG-TF-150	7.0	6.3	6.7
PSG-8BP2	7.0	6.3	6.7
PST-5MVD	7.0	6.3	6.7
PST-5R05	7.0	6.3	6.7
RZ2	7.0	6.3	6.7
TERRANO	7.0	6.3	6.7
BAR FA 120878	7.0	6.0	6.5
BAR FA 121089	7.0	6.0	6.5
BIZEM	7.0	6.0	6.5
FESNOVA	7.0	6.0	6.5
IS-TF 285	7.0	6.0	6.5
JS 916	7.0	6.0	6.5
MET 6 SEL	7.0	6.0	6.5
PSG-TT4	7.0	6.0	6.5
PST-5GRB	7.0	6.0	6.5
RAIN DANCE (PST-5SDT)	7.0	6.0	6.5
SALTILLO (PST-5SALT)	7.0	6.0	6.5
IS-TF 284 M2	7.0	5.7	6.3
IS-TF-287	7.0	5.7	6.3
PPG-TF-152	6.7	6.0	6.3
PST-5DZP	7.0	5.7	6.3
RAD-TF-92	7.0	5.7	6.3
BULLSEYE	7.0	5.3	6.2
HOT ROD (BURL TF-136)	7.0	5.3	6.2
JS 818	7.0	5.3	6.2
JS 819	7.0	5.3	6.2
K12-05	7.0	5.3	6.2
PST-5EX2	7.0	5.3	6.2
K12-13	7.0	4.0	5.5
KY-31	5.3	5.3	5.3
LSD VALUE	0.3	1.9	1.0
C.V. (%)	3.0	17.6	12.5

- 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 25.

TYPHULA BLIGHT RATINGS OF TALL FESCUE CULTIVARS 1/  
2013 DATA

TYPHULA BLIGHT RATINGS 1-9; 9=NO DISEASE 2/

NAME	CT1	NAME	CT1
IS-TF 308 SEL	6.7	PST-5R05	5.3
JS 916	6.7	REGENERATE	5.3
MET-3	6.7	SRX-TPC	5.3
F711	6.3	T31	5.3
GTO (BURL TF-2)	6.3	ATF 1612	5.0
IS-TF 282 M2	6.3	CATALYST	5.0
IS-TF 291	6.3	INSPIRATION (PST-R5NW)	5.0
IS-TF 307 SEL	6.3	IS-TF 272	5.0
PPG-TF-148	6.3	IS-TF 285	5.0
PPG-TF-156	6.3	MET 1	5.0
BIZEM	6.0	PPG-TF-115	5.0
FIREBIRD 2	6.0	PPG-TF-135	5.0
LTP-F5DPDR	6.0	PPG-TF-150	5.0
PPG-TF-137	6.0	PSG-P01	5.0
PPG-TF-152	6.0	PST-5DZP	5.0
U45	6.0	TERRANO	5.0
ZW 44	6.0	U43	5.0
ATF 1704	5.7	W45	5.0
ATF 1754	5.7	AQUADUCT	4.7
CCR2	5.7	BAR FA 120878	4.7
DZ1	5.7	BULLSEYE	4.7
FALCON V	5.7	FESNOVA	4.7
HEMI	5.7	IS-TF 284 M2	4.7
IS-TF 330	5.7	IS-TF 289	4.7
IS-TF-287	5.7	LTP-FSD	4.7
PST-5EV2	5.7	PPG-TF-139	4.7
PST-5GRB	5.7	PPG-TF-157	4.7
RZ2	5.7	PPG-TF-172	4.7
ATF 1736	5.3	PSG-TT4	4.7
HOT ROD (BURL TF-136)	5.3	PST-5BPO	4.7
IS-TF 311	5.3	PST-5EX2	4.7
KY-31	5.3	W41	4.7
LTP-TWUU	5.3	FALCON IV	4.3
MET 6 SEL	5.3	FRONTLINE (EXP TF-09)	4.3
PPG-TF-105	5.3	GRANDE 3	4.3
PPG-TF-138	5.3	IS-TF 269 SEL	4.3
PPG-TF-145	5.3	IS-TF 305 SEL	4.3
PPG-TF-151	5.3	JS 809	4.3
PPG-TF-170	5.3	JS 825	4.3
PSG-8BP2	5.3	K12-MCD	4.3
PSG-WE1	5.3	PICK-W43	4.3
		PPG-TF-142	4.3

TABLE 25.  
(CONT'D)

TYPHULA BLIGHT RATINGS OF TALL FESCUE CULTIVARS 1/  
2013 DATA

TYPHULA BLIGHT RATINGS 1-9; 9=NO DISEASE 2/

NAME	CT1
PPG-TF-169	4.3
PSG-GSD	4.3
PST-5BRK	4.3
RHAMBLER 2 SRP (LSD)	4.3
TD1	4.3
B23	4.0
BAR FA 121091	4.0
CAESAR (TY 10)	4.0
COMP. RES. SST	4.0
GO-DFR	4.0
JS 818	4.0
JS 819	4.0
PST-5MVD	4.0
RAD-TF-92	4.0
BURL TF-69	3.7
DB1	3.7
FAITH	3.7
IS-TF 276 M2	3.7
RAD-TF-83	3.7
RAD-TF-88	3.7
RAIN DANCE (PST-5SDT)	3.7
SALTILLO (PST-5SALT)	3.7
TEMPTATION (OR-21)	3.7
BAR FA 121089	3.3
BAR FA 121095	3.3
IS-TF 310 SEL	3.3
K12-05	3.3
MARAUDER	3.3
RAD-TF-89	3.3
ANNIHILATOR LEDEBOER	3.0
204 RES. BLK4	2.3
K12-13	2.3
WARHAWK	2.3
LSD VALUE	1.7
C.V. (%)	22.3

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



TABLE 26. BROWN PATCH (WARM TEMPERATURE) RATINGS OF TALL FESCUE CULTIVARS 1/  
2013 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/

NAME	AR1	MD1	NC1	NJ2	TN1	MEAN
W45	9.0	8.3	8.0	7.7	8.7	8.3
F711	8.7	8.3	8.7	5.7	9.0	8.1
RZ2	8.3	7.7	8.7	6.7	8.7	8.0
ZW 44	7.7	8.7	8.0	7.0	8.7	8.0
U43	7.7	8.7	8.0	7.0	8.3	7.9
PPG-TF-156	9.0	7.7	7.7	6.3	8.7	7.9
MET 6 SEL	8.3	7.7	8.0	6.3	8.7	7.8
MET-3	8.7	6.7	8.7	6.3	8.7	7.8
PICK-W43	8.7	8.7	8.0	5.7	8.0	7.8
PPG-TF-137	8.0	8.3	8.0	6.0	8.7	7.8
RHAMBLER 2 SRP (LSD)	8.3	7.7	8.3	5.7	9.0	7.8
B23	7.0	8.0	8.0	7.0	8.7	7.7
CCR2	8.7	7.0	8.0	7.0	8.0	7.7
LTP-TWUU	7.3	8.0	7.7	7.3	8.3	7.7
IS-TF 285	9.0	7.3	7.7	5.7	8.7	7.7
IS-TF 291	8.3	8.3	7.7	5.3	8.7	7.7
SRX-TPC	9.0	8.0	7.7	5.3	8.3	7.7
ATF 1704	8.7	7.0	8.7	5.7	8.0	7.6
FESNOVA	8.0	8.0	8.0	6.0	8.0	7.6
IS-TF-287	9.0	8.0	7.7	5.0	8.3	7.6
PPG-TF-150	8.0	7.7	8.3	5.7	8.3	7.6
HEMI	8.0	7.0	8.0	5.7	9.0	7.5
PPG-TF-105	5.3	8.3	8.3	6.7	9.0	7.5
PST-5EV2	8.3	7.3	7.7	6.0	8.3	7.5
ATF 1736	8.7	7.7	8.3	4.3	8.7	7.5
IS-TF 311	8.3	7.3	8.0	5.3	8.7	7.5
U45	7.3	8.0	7.7	6.0	8.7	7.5
IS-TF 330	9.0	6.0	8.3	5.7	8.3	7.5
PST-5EX2	8.0	7.0	8.3	5.7	8.3	7.5
IS-TF 305 SEL	8.7	6.7	8.0	5.0	9.0	7.5
REGENERATE	7.0	8.3	7.7	6.3	8.0	7.5
HOT ROD (BURL TF-136)	7.0	7.0	8.0	6.3	8.7	7.4
LTP-F5DPDR	8.0	7.0	8.3	5.7	8.0	7.4
MET 1	6.0	8.7	8.0	5.7	8.7	7.4
PPG-TF-135	7.3	8.0	7.7	5.3	8.7	7.4
BIZEM	8.0	7.7	7.7	5.3	8.0	7.3
LTP-FSD	7.7	7.7	8.0	4.7	8.7	7.3
PPG-TF-152	5.3	7.7	8.3	6.3	9.0	7.3
PSG-P01	6.7	8.0	7.7	5.7	8.7	7.3
FIREBIRD 2	7.3	7.0	8.0	6.0	8.3	7.3
PPG-TF-139	8.7	7.0	7.7	5.0	8.3	7.3

TABLE 26. BROWN PATCH (WARM TEMPERATURE) RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2013 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/

NAME	AR1	MD1	NC1	NJ2	TN1	MEAN
PPG-TF-157	6.7	7.0	8.0	6.3	8.7	7.3
PST-5MVD	8.0	7.3	7.7	5.3	8.3	7.3
FALCON V	6.7	7.0	8.0	5.7	9.0	7.3
GTO (BURL TF-2)	6.7	7.7	7.7	5.7	8.7	7.3
FAITH	7.0	7.3	7.3	6.0	8.7	7.3
CATALYST	6.0	7.7	8.0	5.7	8.7	7.2
GRANDE 3	7.3	7.7	7.3	5.0	8.7	7.2
PPG-TF-172	6.3	7.3	8.0	5.7	8.7	7.2
T31	7.0	7.7	7.7	5.3	8.3	7.2
PPG-TF-170	5.3	7.7	8.3	6.3	8.0	7.1
BULLSEYE	8.0	7.3	7.3	4.7	8.3	7.1
K12-MCD	8.7	6.7	7.7	4.0	8.7	7.1
PSG-WE1	6.7	7.3	8.0	5.0	8.7	7.1
PPG-TF-115	7.0	7.3	8.7	3.7	8.7	7.1
PST-5GRB	7.3	6.7	7.7	5.3	8.3	7.1
ATF 1612	5.3	7.0	8.0	5.7	9.0	7.0
ATF 1754	7.3	7.3	7.0	4.7	8.7	7.0
IS-TF 289	6.7	7.7	7.3	5.0	8.3	7.0
IS-TF 307 SEL	6.7	7.0	8.0	4.7	8.7	7.0
IS-TF 308 SEL	6.3	7.7	7.7	4.7	8.7	7.0
IS-TF 310 SEL	6.7	6.7	7.3	5.7	8.7	7.0
JS 916	6.7	7.3	7.7	5.3	8.0	7.0
PPG-TF-148	3.3	7.7	8.3	6.7	9.0	7.0
PST-5BPO	7.3	7.3	8.0	4.3	8.0	7.0
TERRANO	7.3	7.7	8.0	4.3	7.7	7.0
IS-TF 284 M2	7.0	7.0	7.7	4.7	8.3	6.9
IS-TF 282 M2	8.7	7.0	7.7	3.3	8.0	6.9
PST-5BRK	6.0	7.3	8.0	5.3	8.0	6.9
PSG-GSD	7.0	7.0	7.7	4.3	8.3	6.9
CAESAR (TY 10)	9.0	6.7	7.0	3.7	7.7	6.8
PPG-TF-169	6.0	7.0	7.7	5.7	7.7	6.8
W41	6.3	7.0	7.3	5.0	8.3	6.8
RAD-TF-89	6.7	6.7	6.7	5.7	8.0	6.7
SALTILLO (PST-5SALT)	5.3	7.7	8.0	4.3	8.3	6.7
FALCON IV	7.7	6.3	7.3	3.7	8.3	6.7
PPG-TF-145	7.3	6.3	7.3	4.0	8.3	6.7
BAR FA 121095	7.3	6.0	7.3	4.3	8.3	6.7
KY-31	9.0	6.3	7.3	3.7	7.0	6.7
FRONTLINE (EXP TF-09)	7.7	7.0	6.7	3.7	8.0	6.6
IS-TF 269 SEL	5.7	7.0	7.7	4.3	8.3	6.6
PPG-TF-151	4.3	7.7	8.0	5.0	8.0	6.6
DZ1	6.0	6.0	8.0	4.3	8.3	6.5

TABLE 26. BROWN PATCH (WARM TEMPERATURE) RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2013 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/

NAME	AR1	MD1	NC1	NJ2	TN1	MEAN
INSPIRATION (PST-R5NW)	6.3	7.0	7.3	3.7	8.3	6.5
IS-TF 272	4.0	7.3	7.7	5.0	8.7	6.5
PST-5R05	6.7	7.3	7.3	3.0	8.3	6.5
RAD-TF-92	6.3	6.0	7.0	5.0	8.3	6.5
PSG-8BP2	6.3	6.3	7.3	3.3	9.0	6.5
RAD-TF-88	3.7	7.3	7.7	5.3	8.0	6.4
TD1	5.0	5.3	7.3	5.7	8.7	6.4
BAR FA 121089	6.3	5.7	7.3	4.7	7.7	6.3
PPG-TF-138	4.7	7.0	7.7	4.7	7.7	6.3
PPG-TF-142	5.7	6.3	7.0	4.7	8.0	6.3
TEMPTATION (OR-21)	5.3	5.7	8.0	4.3	8.3	6.3
IS-TF 276 M2	4.7	6.3	7.7	4.0	8.7	6.3
JS 825	6.7	5.7	7.7	3.7	7.7	6.3
RAD-TF-83	5.7	5.0	7.7	4.7	8.3	6.3
PSG-TT4	5.0	7.0	7.3	3.7	8.0	6.2
BURL TF-69	3.0	6.7	7.7	5.0	8.3	6.1
AQUADUCT	5.7	7.3	6.7	3.0	8.0	6.1
K12-13	6.0	6.3	7.7	3.0	7.7	6.1
PST-5DZP	4.3	7.0	7.7	3.3	8.3	6.1
JS 819	4.7	6.0	6.7	4.0	8.3	5.9
BAR FA 120878	6.7	6.7	6.0	2.7	7.3	5.9
RAIN DANCE (PST-5SDT)	3.7	6.3	7.3	4.3	7.7	5.9
DB1	3.7	5.3	7.3	4.3	8.3	5.8
GO-DFR	2.7	5.7	7.7	4.0	8.3	5.7
JS 818	2.3	7.0	7.3	3.7	8.0	5.7
JS 809	2.0	6.3	8.0	4.0	7.3	5.5
K12-05	3.3	4.3	7.7	4.3	8.0	5.5
WARHAWK	4.0	5.0	7.0	2.3	8.3	5.3
ANNIHILATOR LEDEBOER	5.0	4.7	6.3	2.3	8.0	5.3
BAR FA 121091	2.7	6.0	6.3	2.3	7.7	5.0
COMP. RES. SST	2.0	5.0	6.7	3.3	8.0	5.0
MARAUDER	3.0	3.7	6.7	2.7	8.3	4.9
204 RES. BLK4	0.7	6.0	6.0	3.0	8.3	4.8
LSD VALUE	3.9	1.4	1.1	1.8	0.8	0.9
C.V. (%)	36.9	12.7	8.7	22.2	6.1	18.9

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

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

TABLE 27.

PYTHIUM BLIGHT RATINGS OF TALL FESCUE CULTIVARS 1/  
2013 DATA

PYTHIUM BLIGHT RATINGS 1-9; 9=NO DISEASE 2/

NAME	OK1	TN1	MEAN	NAME	OK1	TN1	MEAN
IS-TF 289	8.7	9.0	8.8	GO-DFR	7.0	9.0	8.0
RZ2	8.7	9.0	8.8	IS-TF 272	7.3	8.7	8.0
ATF 1704	8.3	9.0	8.7	IS-TF 305 SEL	7.0	9.0	8.0
GTO (BURL TF-2)	9.0	8.3	8.7	IS-TF 310 SEL	7.0	9.0	8.0
PST-5R05	8.3	9.0	8.7	MET 1	8.0	8.0	8.0
SALTILLO (PST-5SALT)	8.3	9.0	8.7	PPG-TF-152	7.0	9.0	8.0
PPG-TF-148	8.7	8.7	8.7	PSG-P01	7.7	8.3	8.0
ATF 1736	8.3	8.7	8.5	PST-5BRK	7.0	9.0	8.0
BULLSEYE	8.3	8.7	8.5	TERRANO	7.7	8.3	8.0
IS-TF 282 M2	8.3	8.7	8.5	ATF 1754	7.3	8.3	7.8
PPG-TF-137	8.0	9.0	8.5	F711	7.7	8.0	7.8
PST-5BP0	8.0	9.0	8.5	IS-TF 285	6.7	9.0	7.8
PST-5EV2	8.0	9.0	8.5	KY-31	7.3	8.3	7.8
PST-5GRB	8.0	9.0	8.5	PPG-TF-138	6.7	9.0	7.8
REGENERATE	8.3	8.7	8.5	PST-5MVD	6.7	9.0	7.8
SRX-TPC	8.3	8.7	8.5	RAIN DANCE (PST-5SDT)	6.7	9.0	7.8
ATF 1612	7.7	9.0	8.3	TEMPTATION (OR-21)	7.3	8.3	7.8
IS-TF 284 M2	7.7	9.0	8.3	W41	7.7	8.0	7.8
IS-TF 307 SEL	7.7	9.0	8.3	BAR FA 120878	7.0	8.7	7.8
IS-TF-287	8.3	8.3	8.3	IS-TF 269 SEL	7.0	8.7	7.8
PPG-TF-135	7.7	9.0	8.3	IS-TF 308 SEL	7.0	8.7	7.8
PST-5EX2	7.7	9.0	8.3	LTP-FSD	7.0	8.7	7.8
RHAMBLER 2 SRP (LSD)	7.7	9.0	8.3	PICK-W43	7.0	8.7	7.8
CATALYST	8.0	8.7	8.3	PPG-TF-156	7.0	8.7	7.8
INSPIRATION (PST-R5NW)	8.0	8.7	8.3	T31	7.0	8.7	7.8
IS-TF 330	8.0	8.7	8.3	FALCON V	7.0	8.3	7.7
LTP-TWUU	8.0	8.7	8.3	BAR FA 121089	6.7	8.7	7.7
PSG-GSD	8.0	8.7	8.3	CCR2	6.3	9.0	7.7
ZW 44	8.0	8.7	8.3	IS-TF 291	6.7	8.7	7.7
FESNOVA	8.0	8.3	8.2	LTP-F5DPDR	6.7	8.7	7.7
U43	8.3	8.0	8.2	PPG-TF-105	6.7	8.7	7.7
FAITH	7.7	8.7	8.2	PPG-TF-170	6.7	8.7	7.7
FIREBIRD 2	7.7	8.7	8.2	AQUADUCT	6.7	8.3	7.5
GRANDE 3	7.7	8.7	8.2	HOT ROD (BURL TF-136)	6.7	8.3	7.5
IS-TF 311	7.3	9.0	8.2	JS 809	6.7	8.3	7.5
JS 916	7.3	9.0	8.2	K12-05	6.0	9.0	7.5
K12-MCD	7.7	8.7	8.2	PPG-TF-151	6.7	8.3	7.5
PPG-TF-157	7.3	9.0	8.2	B23	6.3	8.3	7.3
PSG-8BP2	7.7	8.7	8.2	IS-TF 276 M2	6.3	8.3	7.3
BIZEM	7.0	9.0	8.0	MET 6 SEL	5.7	9.0	7.3
CAESAR (TY 10)	7.7	8.3	8.0	PPG-TF-172	6.3	8.3	7.3
				FRONTLINE (EXP TF-09)	6.0	8.7	7.3

PYTHIUM BLIGHT RATINGS 1-9; 9=NO DISEASE 2/

NAME	OK1	TN1	MEAN
PPG-TF-139	6.0	8.7	7.3
PPG-TF-169	6.7	7.7	7.2
PST-5DZP	6.0	8.3	7.2
W45	6.0	8.3	7.2
JS 818	6.3	8.0	7.2
K12-13	5.7	8.7	7.2
MET-3	5.7	8.7	7.2
PPG-TF-145	5.3	9.0	7.2
PPG-TF-150	5.3	9.0	7.2
JS 825	5.7	8.3	7.0
PSG-TT4	5.3	8.7	7.0
FALCON IV	5.7	8.0	6.8
PPG-TF-115	5.3	8.3	6.8
PPG-TF-142	4.7	9.0	6.8
U45	5.7	8.0	6.8
RAD-TF-89	6.3	7.3	6.8
PSG-WE1	5.0	8.3	6.7
DB1	5.3	8.0	6.7
JS 819	5.3	8.0	6.7
BAR FA 121091	4.7	8.3	6.5
TD1	5.0	8.0	6.5
BURL TF-69	5.7	7.0	6.3
HEMI	4.7	8.0	6.3
DZ1	4.3	8.0	6.2
BAR FA 121095	4.0	8.0	6.0
RAD-TF-88	5.3	6.7	6.0
RAD-TF-92	4.7	7.3	6.0
WARHAWK	4.0	7.3	5.7
204 RES. BLK4	4.0	7.0	5.5
RAD-TF-83	3.3	7.3	5.3
ANNIHILATOR LEDEBOER	5.0	4.7	4.8
MARAUDER	3.7	5.0	4.3
COMP. RES. SST	3.3	3.7	3.5
LSD VALUE	2.7	1.0	1.4
C.V. (%)	24.9	7.4	16.7

- 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.

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	IL1	NE1	MEAN	NAME	IL1	NE1	MEAN
TD1	7.0	6.0	6.5	CCR2	6.0	5.7	5.8
PPG-TF-105	7.0	5.7	6.3	F711	6.0	5.7	5.8
PPG-TF-157	6.7	6.0	6.3	FRONTLINE (EXP TF-09)	6.0	5.7	5.8
PPG-TF-170	6.7	6.0	6.3	GRANDE 3	6.0	5.7	5.8
TEMPTATION (OR-21)	6.7	6.0	6.3	HOT ROD (BURL TF-136)	6.0	5.7	5.8
BIZEM	6.3	6.3	6.3	IS-TF 276 M2	5.7	6.0	5.8
IS-TF 284 M2	6.3	6.3	6.3	IS-TF 310 SEL	5.7	6.0	5.8
PPG-TF-115	6.7	5.7	6.2	LTP-FSD	6.0	5.7	5.8
PST-5DZP	6.7	5.7	6.2	PICK-W43	5.7	6.0	5.8
B23	6.3	6.0	6.2	PPG-TF-135	6.0	5.7	5.8
DB1	6.3	6.0	6.2	PSG-PO1	5.7	6.0	5.8
K12-13	6.3	6.0	6.2	PST-5GRB	6.0	5.7	5.8
PPG-TF-138	6.3	6.0	6.2	PST-5MVD	6.0	5.7	5.8
PPG-TF-142	6.3	6.0	6.2	RAD-TF-83	5.7	6.0	5.8
PPG-TF-150	6.3	6.0	6.2	RAD-TF-89	5.7	6.0	5.8
PPG-TF-152	6.3	6.0	6.2	W45	6.0	5.7	5.8
PPG-TF-169	6.3	6.0	6.2	DZ1	6.3	5.3	5.8
PPG-TF-172	6.3	6.0	6.2	FIREBIRD 2	6.3	5.3	5.8
ATF 1612	6.0	6.0	6.0	PPG-TF-137	6.3	5.3	5.8
ATF 1736	5.7	6.3	6.0	PPG-TF-145	6.3	5.3	5.8
FALCON V	6.0	6.0	6.0	PPG-TF-151	6.3	5.3	5.8
FESNOVA	6.3	5.7	6.0	SALTILLO (PST-5SALT)	6.3	5.3	5.8
HEMI	6.0	6.0	6.0	T31	6.3	5.3	5.8
IS-TF 289	6.7	5.3	6.0	W41	6.3	5.3	5.8
IS-TF 291	6.3	5.7	6.0	204 RES. BLK4	5.7	5.7	5.7
IS-TF 330	6.3	5.7	6.0	IS-TF 269 SEL	5.7	5.7	5.7
JS 818	6.3	5.7	6.0	K12-MCD	5.7	5.7	5.7
JS 916	6.0	6.0	6.0	PPG-TF-148	5.7	5.7	5.7
K12-05	6.0	6.0	6.0	PSG-GSD	5.7	5.7	5.7
MET 1	5.7	6.3	6.0	PSG-TT4	5.7	5.7	5.7
MET-3	6.0	6.0	6.0	SRX-TPC	5.7	5.7	5.7
PPG-TF-139	6.0	6.0	6.0	U43	5.7	5.7	5.7
PPG-TF-156	6.0	6.0	6.0	ANNIHILATOR LEDEBOER	6.3	5.0	5.7
PSG-WE1	6.3	5.7	6.0	FAITH	6.0	5.3	5.7
RAD-TF-88	6.0	6.0	6.0	FALCON IV	6.0	5.3	5.7
RAD-TF-92	6.0	6.0	6.0	GO-DFR	6.0	5.3	5.7
REGENERATE	6.0	6.0	6.0	INSPIRATION (PST-R5NW)	6.0	5.3	5.7
RHAMBLER 2 SRP (LSD)	6.3	5.7	6.0	IS-TF 282 M2	6.0	5.3	5.7
BULLSEYE	6.0	5.7	5.8	IS-TF 285	6.0	5.3	5.7
BURL TF-69	5.7	6.0	5.8	IS-TF 307 SEL	6.0	5.3	5.7
CATALYST	6.0	5.7	5.8	IS-TF 308 SEL	6.0	5.3	5.7
				IS-TF-287	5.3	6.0	5.7

TABLE 28. FALL COLOR (OCTOBER) RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2013 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	IL1	NE1	MEAN
JS 809	6.0	5.3	5.7
LTP-TWUU	5.3	6.0	5.7
MARAUDER	6.0	5.3	5.7
PSG-8BP2	6.0	5.3	5.7
PST-5BRK	6.0	5.3	5.7
PST-5R05	6.0	5.3	5.7
RAIN DANCE (PST-5SDT)	6.0	5.3	5.7
RZ2	6.3	5.0	5.7
TERRANO	5.3	6.0	5.7
U45	5.3	6.0	5.7
ZW 44	5.3	6.0	5.7
ATF 1754	5.7	5.3	5.5
BAR FA 121089	5.7	5.3	5.5
BAR FA 121091	6.0	5.0	5.5
BAR FA 121095	6.0	5.0	5.5
COMP. RES. SST	5.3	5.7	5.5
GTO (BURL TF-2)	5.7	5.3	5.5
IS-TF 272	5.7	5.3	5.5
IS-TF 305 SEL	5.7	5.3	5.5
IS-TF 311	6.0	5.0	5.5
PST-5BP0	5.3	5.7	5.5
PST-5EV2	6.0	5.0	5.5
WARHAWK	5.7	5.3	5.5
PST-5EX2	5.7	5.0	5.3
CAESAR (TY 10)	5.3	5.3	5.3
LTP-F5DPDR	5.3	5.3	5.3
JS 819	5.7	4.7	5.2
JS 825	5.7	4.7	5.2
MET 6 SEL	4.7	5.7	5.2
AQUADUCT	6.0	4.3	5.2
ATF 1704	5.3	5.0	5.2
BAR FA 120878	6.0	4.3	5.2
KY-31	3.0	4.0	3.5
LSD VALUE	1.1	1.0	0.8
C.V. (%)	11.6	11.6	11.6

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

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

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	AR1	NAME	AR1
TERRANO	8.0	HEMI	6.7
IS-TF 269 SEL	7.7	IS-TF 276 M2	6.7
FIREBIRD 2	7.3	IS-TF 305 SEL	6.7
INSPIRATION (PST-R5NW)	7.3	IS-TF 308 SEL	6.7
JS 818	7.3	IS-TF 311	6.7
PPG-TF-138	7.3	PPG-TF-150	6.7
PPG-TF-139	7.3	PPG-TF-151	6.7
PPG-TF-142	7.3	PPG-TF-152	6.7
PST-5EX2	7.3	PPG-TF-157	6.7
RAD-TF-92	7.3	PPG-TF-170	6.7
RHAMBLER 2 SRP (LSD)	7.3	PPG-TF-172	6.7
ATF 1754	7.0	PSG-P01	6.7
COMP. RES. SST	7.0	PST-5BP0	6.7
FESNOVA	7.0	PST-5EV2	6.7
FRONTLINE (EXP TF-09)	7.0	PST-5GRB	6.7
HOT ROD (BURL TF-136)	7.0	PST-5MVD	6.7
IS-TF 272	7.0	RAD-TF-89	6.7
IS-TF 282 M2	7.0	RAIN DANCE (PST-5SDT)	6.7
IS-TF 284 M2	7.0	REGENERATE	6.7
K12-05	7.0	RZ2	6.7
MET 1	7.0	SALTILLO (PST-5SALT)	6.7
PPG-TF-105	7.0	SRX-TPC	6.7
PPG-TF-115	7.0	TD1	6.7
PPG-TF-169	7.0	U45	6.7
PSG-8BP2	7.0	W45	6.7
PST-5DZP	7.0	204 RES. BLK4	6.3
RAD-TF-83	7.0	ANNIHILATOR LEDEBOER	6.3
RAD-TF-88	7.0	ATF 1704	6.3
W41	7.0	ATF 1736	6.3
WARHAWK	7.0	BAR FA 120878	6.3
AQUADUCT	6.7	BIZEM	6.3
ATF 1612	6.7	BULLSEYE	6.3
B23	6.7	BURL TF-69	6.3
BAR FA 121089	6.7	CATALYST	6.3
BAR FA 121091	6.7	CCR2	6.3
BAR FA 121095	6.7	FAITH	6.3
CAESAR (TY 10)	6.7	GRANDE 3	6.3
DB1	6.7	GTO (BURL TF-2)	6.3
F711	6.7	IS-TF 285	6.3
FALCON V	6.7	IS-TF 330	6.3
GO-DFR	6.7	IS-TF-287	6.3
		JS 819	6.3



FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	AR1
JS 825	6.3
JS 916	6.3
K12-13	6.3
LTP-TWUU	6.3
MARAUDER	6.3
MET 6 SEL	6.3
MET-3	6.3
PPG-TF-135	6.3
PPG-TF-137	6.3
PPG-TF-145	6.3
PPG-TF-148	6.3
PPG-TF-156	6.3
PSG-GSD	6.3
PSG-TT4	6.3
PST-5BRK	6.3
PST-5R05	6.3
T31	6.3
TEMPTATION (OR-21)	6.3
U43	6.3
ZW 44	6.3
IS-TF 289	6.0
IS-TF 291	6.0
IS-TF 307 SEL	6.0
IS-TF 310 SEL	6.0
LTP-F5DPDR	6.0
LTP-FSD	6.0
PICK-W43	6.0
PSG-WE1	6.0
DZ1	5.7
JS 809	5.7
K12-MCD	5.7
FALCON IV	5.3
KY-31	4.7
LSD VALUE	1.3
C.V. (%)	12.1

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

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	GA1	MS1	MEAN	NAME	GA1	MS1	MEAN
RAD-TF-88	7.0	6.7	6.8	PPG-TF-169	5.5	7.0	6.3
MET-3	6.5	7.0	6.8	RZ2	5.5	7.0	6.3
JS 818	.	6.7	6.7	W45	5.5	7.0	6.3
T31	6.3	7.0	6.7	ATF 1612	5.7	6.7	6.2
REGENERATE	6.5	6.7	6.6	ATF 1704	5.7	6.7	6.2
B23	6.0	7.0	6.5	DB1	5.7	6.7	6.2
BIZEM	6.0	7.0	6.5	IS-TF 276 M2	5.7	6.7	6.2
CAESAR (TY 10)	6.0	7.0	6.5	IS-TF 282 M2	5.7	6.7	6.2
CATALYST	6.0	7.0	6.5	IS-TF 289	5.7	6.7	6.2
CCR2	6.0	7.0	6.5	JS 916	5.7	6.7	6.2
COMP. RES. SST	7.0	6.0	6.5	LTP-F5DPDR	5.7	6.7	6.2
FAITH	6.0	7.0	6.5	PPG-TF-151	5.7	6.7	6.2
GTO (BURL TF-2)	6.3	6.7	6.5	PPG-TF-156	5.7	6.7	6.2
PPG-TF-137	6.0	7.0	6.5	FALCON V	6.0	6.3	6.2
PPG-TF-152	6.0	7.0	6.5	GO-DFR	6.0	6.3	6.2
RAD-TF-89	6.0	7.0	6.5	INSPIRATION (PST-R5NW)	6.0	6.3	6.2
ZW 44	6.0	7.0	6.5	IS-TF 269 SEL	6.0	6.3	6.2
ANNIHILATOR LEDEBOER	6.5	6.3	6.4	IS-TF 291	5.3	7.0	6.2
ATF 1736	5.7	7.0	6.3	LTP-FSD	5.3	7.0	6.2
BULLSEYE	6.0	6.7	6.3	MARAUDER	6.0	6.3	6.2
BURL TF-69	6.0	6.7	6.3	PPG-TF-142	6.0	6.3	6.2
DZ1	6.0	6.7	6.3	PST-5MVD	6.0	6.3	6.2
FRONTLINE (EXP TF-09)	6.0	6.7	6.3	RAD-TF-83	6.0	6.3	6.2
GRANDE 3	6.0	6.7	6.3	TD1	6.0	6.3	6.2
IS-TF 310 SEL	6.0	6.7	6.3	W41	6.0	6.3	6.2
PICK-W43	6.0	6.7	6.3	FESNOVA	5.5	6.7	6.1
PPG-TF-135	6.0	6.7	6.3	HOT ROD (BURL TF-136)	5.5	6.7	6.1
PPG-TF-150	6.0	6.7	6.3	LTP-TWUU	5.5	6.7	6.1
PPG-TF-172	6.0	6.7	6.3	PPG-TF-105	5.5	6.7	6.1
PSG-GSD	6.0	6.7	6.3	PPG-TF-139	5.5	6.7	6.1
PSG-P01	6.0	6.7	6.3	PST-5R05	5.5	6.7	6.1
PST-5DZP	6.0	6.7	6.3	AQUADUCT	6.0	6.0	6.0
PST-5EX2	5.7	7.0	6.3	F711	5.0	7.0	6.0
RHAMBLER 2 SRP (LSD)	6.0	6.7	6.3	FALCON IV	6.0	6.0	6.0
TERRANO	6.0	6.7	6.3	FIREBIRD 2	5.0	7.0	6.0
U43	6.0	6.7	6.3	IS-TF 305 SEL	5.7	6.3	6.0
U45	6.0	6.7	6.3	IS-TF 307 SEL	5.0	7.0	6.0
204 RES. BLK4	.	6.3	6.3	IS-TF 308 SEL	5.3	6.7	6.0
IS-TF 272	5.5	7.0	6.3	IS-TF 330	5.7	6.3	6.0
MET 1	5.5	7.0	6.3	K12-05	5.3	6.7	6.0
PPG-TF-148	5.5	7.0	6.3	K12-MCD	6.0	6.0	6.0
				PPG-TF-115	5.7	6.3	6.0

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	GA1	MS1	MEAN
PPG-TF-145	.	6.0	6.0
PPG-TF-157	5.7	6.3	6.0
PPG-TF-170	5.3	6.7	6.0
PSG-TT4	5.3	6.7	6.0
PSG-WE1	5.0	7.0	6.0
PST-5BP0	5.7	6.3	6.0
PST-5EV2	5.3	6.7	6.0
RAD-TF-92	6.0	6.0	6.0
RAIN DANCE (PST-5SDT)	5.7	6.3	6.0
SALTILLO (PST-5SALT)	5.3	6.7	6.0
SRX-TPC	5.0	7.0	6.0
TEMPTATION (OR-21)	5.0	7.0	6.0
JS 819	5.5	6.3	5.9
PPG-TF-138	5.5	6.3	5.9
ATF 1754	5.7	6.0	5.8
IS-TF 285	5.0	6.7	5.8
IS-TF 311	5.7	6.0	5.8
K12-13	6.0	5.7	5.8
MET 6 SEL	5.0	6.7	5.8
WARHAWK	5.7	6.0	5.8
HEMI	5.3	6.3	5.8
IS-TF 284 M2	5.3	6.3	5.8
JS 825	5.5	6.0	5.8
BAR FA 120878	5.3	6.0	5.7
BAR FA 121095	5.3	6.0	5.7
PST-5BRK	5.0	6.3	5.7
BAR FA 121089	5.0	6.0	5.5
BAR FA 121091	5.0	6.0	5.5
IS-TF-287	5.0	6.0	5.5
JS 809	5.0	6.0	5.5
PSG-8BP2	4.7	6.3	5.5
PST-5GRB	4.0	6.3	5.2
KY-31	4.0	5.3	4.7
LSD VALUE	1.3	0.7	0.7
C.V. (%)	11.2	6.9	8.7

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

TABLE 31. PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/  
2013 DATA 2/

NAME	CT1	IL1	M01	MS1	NE1	OK1	UT1	MEAN
LTP-FSD	68.3	68.3	83.3	90.0	43.3	81.7	60.0	70.7
W45	61.7	80.0	81.7	93.3	50.0	81.7	46.7	70.7
KY-31	73.3	80.0	75.0	94.3	40.0	65.0	63.3	70.1
LTP-F5DPDR	61.7	63.3	73.3	86.7	46.7	88.3	66.7	69.5
PICK-W43	61.7	75.0	78.3	90.0	43.3	80.0	53.3	68.8
PST-5BRK	68.3	71.7	76.7	88.3	36.7	81.7	56.7	68.6
CATALYST	63.3	80.0	75.0	86.7	33.3	80.0	60.0	68.3
U43	65.0	73.3	75.0	91.7	46.7	78.3	46.7	68.1
FAITH	58.3	83.3	81.7	90.0	33.3	81.7	46.7	67.9
PPG-TF-170	68.3	70.0	81.7	91.7	26.7	76.7	60.0	67.9
PST-5R05	56.7	70.0	81.7	86.7	36.7	80.0	63.3	67.9
PST-5EX2	65.0	83.3	75.0	88.3	33.3	66.7	63.3	67.9
RAD-TF-92	58.3	81.7	75.0	88.3	30.0	83.3	56.7	67.6
RAIN DANCE (PST-5SDT)	63.3	78.3	78.3	91.7	36.7	68.3	56.7	67.6
B23	66.7	70.0	83.3	91.7	30.0	83.3	46.7	67.4
F711	68.3	76.7	76.7	91.7	33.3	65.0	60.0	67.4
SRX-TPC	60.0	60.0	73.3	90.0	50.0	78.3	60.0	67.4
FALCON IV	65.0	83.3	78.3	86.7	26.7	76.7	53.3	67.1
ZW 44	61.7	71.7	75.0	88.3	40.0	70.0	63.3	67.1
PPG-TF-105	61.7	76.7	73.3	90.0	30.0	83.3	53.3	66.9
PST-5MVD	60.0	80.0	76.7	90.0	33.3	75.0	53.3	66.9
WARHAWK	61.7	71.7	72.5	86.7	36.7	78.7	60.0	66.8
RAD-TF-89	63.3	75.0	81.7	90.0	30.0	86.7	40.0	66.7
IS-TF-287	63.3	80.0	76.7	90.0	40.0	63.3	53.3	66.7
HOT ROD (BURL TF-136)	62.7	66.7	78.3	88.3	30.0	80.0	60.0	66.6
PST-5BPO	55.0	81.7	80.0	86.7	36.7	75.0	50.0	66.4
K12-MCD	61.7	68.3	76.7	88.3	33.3	83.3	53.3	66.4
BAR FA 120878	58.3	86.7	76.7	90.0	30.0	58.3	63.3	66.2
GRANDE 3	63.3	60.0	80.0	88.3	36.7	81.7	53.3	66.2
MET 1	66.7	75.0	78.3	91.7	30.0	58.3	63.3	66.2
PSG-TT4	58.3	81.7	75.0	88.3	26.7	70.0	63.3	66.2
ANNIHILATOR LEDEBOER	63.3	81.7	70.0	90.0	43.3	56.7	56.7	66.0
FESNOVA	58.3	73.3	76.7	88.3	36.7	73.3	53.3	65.7
IS-TF 305 SEL	63.3	63.3	75.0	88.3	36.7	80.0	53.3	65.7
PPG-TF-156	60.0	78.3	80.0	88.3	26.7	76.7	50.0	65.7
PST-5EV2	55.0	70.0	78.3	90.0	26.7	86.7	53.3	65.7
ATF 1612	64.3	75.0	78.3	90.0	30.0	68.3	53.3	65.6
IS-TF 285	56.7	71.7	76.7	90.0	33.3	76.7	53.3	65.5
GTO (BURL TF-2)	55.0	70.0	70.0	91.7	30.0	83.3	56.7	65.2
IS-TF 310 SEL	65.0	60.0	73.3	88.3	36.7	76.7	56.7	65.2
PPG-TF-135	60.0	76.7	75.0	86.7	30.0	75.0	53.3	65.2
BULLSEYE	61.7	80.0	76.7	88.3	26.7	73.3	50.0	65.2
RAD-TF-88	63.3	75.0	71.7	88.3	30.0	78.3	50.0	65.2
RZ2	60.0	73.3	75.0	88.3	26.7	83.3	50.0	65.2

TABLE 31. PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2013 DATA 2/

NAME	CT1	IL1	M01	MS1	NE1	OK1	UT1	MEAN
PPG-TF-152	65.0	70.0	76.7	90.0	26.7	76.7	50.0	65.0
PPG-TF-139	53.3	71.7	78.3	88.3	20.0	86.7	56.7	65.0
IS-TF 291	55.0	66.7	75.0	91.7	40.0	81.7	43.3	64.8
PSG-WE1	58.3	66.7	71.7	86.7	40.0	76.7	53.3	64.8
PPG-TF-157	60.0	75.0	70.0	90.0	30.0	78.3	50.0	64.8
DB1	56.7	73.3	76.7	90.0	33.3	71.7	50.0	64.5
IS-TF 282 M2	55.0	70.0	73.3	85.0	36.7	85.0	46.7	64.5
JS 819	61.7	68.3	71.7	88.3	30.0	81.7	50.0	64.5
PPG-TF-115	58.3	68.3	78.3	85.0	33.3	81.7	46.7	64.5
REGENERATE	61.7	71.7	75.0	90.0	33.3	60.0	60.0	64.5
SALTILLO (PST-5SALT)	63.3	80.0	73.3	90.0	36.7	61.7	46.7	64.5
PPG-TF-169	71.7	63.3	83.3	90.0	23.3	66.7	53.3	64.5
PPG-TF-137	60.0	63.3	75.0	86.7	23.3	81.7	60.0	64.3
PPG-TF-138	56.7	70.0	76.7	90.0	20.0	76.7	60.0	64.3
PST-5GRB	70.0	68.3	76.7	90.0	33.3	65.0	46.7	64.3
JS 818	60.0	66.7	71.7	86.7	33.3	78.3	53.3	64.3
204 RES. BLK4	58.3	60.0	75.0	85.0	40.0	80.0	50.0	64.0
HEMI	60.0	63.3	75.0	88.3	26.7	81.7	53.3	64.0
INSPIRATION (PST-R5NW)	56.7	68.3	66.7	90.0	26.7	80.0	60.0	64.0
PPG-TF-150	65.0	65.0	76.7	88.3	23.3	73.3	56.7	64.0
COMP. RES. SST	56.7	73.3	75.0	81.7	30.0	73.3	56.7	63.8
K12-05	60.0	70.0	80.0	88.3	30.0	75.0	43.3	63.8
BIZEM	56.7	78.3	73.3	86.7	26.7	76.7	46.7	63.6
MET 6 SEL	55.0	60.0	78.3	86.7	40.0	78.3	46.7	63.6
RHAMBLER 2 SRP (LSD)	60.0	81.7	78.3	90.0	26.7	58.3	50.0	63.6
TEMPTATION (OR-21)	55.0	73.3	71.7	88.3	30.0	76.7	50.0	63.6
IS-TF 307 SEL	53.3	65.0	76.7	88.3	26.7	80.0	53.3	63.3
RAD-TF-83	55.0	73.3	81.7	85.0	26.7	78.3	43.3	63.3
MARAUDER	53.3	70.0	73.3	88.3	36.7	63.3	56.7	63.1
TD1	56.7	70.0	76.7	90.0	36.7	61.7	50.0	63.1
ATF 1736	56.7	75.0	78.3	88.3	23.3	61.7	56.7	62.9
FRONTLINE (EXP TF-09)	56.7	71.7	73.3	88.3	30.0	80.0	40.0	62.9
IS-TF 330	56.7	56.7	78.3	90.0	33.3	81.7	43.3	62.9
PPG-TF-151	60.0	66.7	76.7	90.0	26.7	78.3	40.0	62.6
AQUADUCT	58.3	70.0	78.3	88.3	30.0	63.3	50.0	62.6
FIREBIRD 2	53.3	63.3	75.0	90.0	23.3	83.3	50.0	62.6
IS-TF 311	56.7	55.0	71.7	81.7	43.3	86.7	43.3	62.6
LTP-TWUU	55.0	53.3	81.7	85.0	36.7	73.3	53.3	62.6
IS-TF 289	61.7	66.7	76.7	91.7	40.0	50.0	50.0	62.4
W41	63.3	73.3	70.0	90.0	23.3	73.3	43.3	62.4
DZ1	51.7	66.7	75.0	88.3	30.0	73.3	50.0	62.1
JS 809	56.7	66.7	78.3	90.0	30.0	65.0	46.7	61.9
BAR FA 121089	53.3	70.0	78.3	90.0	33.3	65.0	43.3	61.9
BURL TF-69	53.3	73.3	73.3	88.3	30.0	75.0	40.0	61.9

TABLE 31. PERCENT ESTABLISHMENT RATINGS OF TALL FESCUE CULTIVARS 1/  
(CONT'D) 2013 DATA 2/

NAME	CT1	IL1	M01	MS1	NE1	OK1	UT1	MEAN
PSG-GSD	58.3	63.3	73.3	90.0	33.3	71.7	43.3	61.9
TERRANO	53.3	71.7	75.0	88.3	26.7	78.3	40.0	61.9
PPG-TF-148	58.3	63.3	70.0	88.3	26.7	75.0	50.0	61.7
IS-TF 308 SEL	50.0	83.3	75.0	83.3	30.0	70.0	40.0	61.7
PSG-P01	58.3	56.7	76.7	88.3	33.3	75.0	43.3	61.7
GO-DFR	56.7	73.3	76.7	90.0	23.3	63.3	46.7	61.4
IS-TF 276 M2	55.0	76.7	73.3	88.3	40.0	46.7	50.0	61.4
PPG-TF-172	56.7	60.0	78.3	90.0	33.3	65.0	46.7	61.4
T31	56.7	70.0	78.3	88.3	30.0	70.0	36.7	61.4
MET-3	56.7	63.3	76.7	86.7	23.3	75.0	46.7	61.2
IS-TF 272	51.7	68.3	73.3	85.0	30.0	76.7	43.3	61.2
CCR2	56.7	66.7	76.7	86.7	26.7	63.3	50.0	61.0
PSG-8BP2	56.7	63.3	76.7	88.3	30.0	66.7	43.3	60.7
CAESAR (TY 10)	53.3	56.7	75.0	88.3	33.3	75.0	43.3	60.7
ATF 1704	56.7	80.0	71.7	86.7	33.3	48.3	46.7	60.5
BAR FA 121091	51.7	75.0	73.3	88.3	30.0	58.3	46.7	60.5
BAR FA 121095	51.7	60.0	68.3	88.3	30.0	71.7	53.3	60.5
U45	53.3	63.3	71.7	86.7	33.3	68.3	46.7	60.5
IS-TF 269 SEL	58.3	73.3	75.0	85.0	36.7	50.0	43.3	60.2
FALCON V	53.3	75.0	75.0	86.7	23.3	60.0	46.7	60.0
PPG-TF-142	53.3	60.0	71.7	88.3	30.0	65.0	50.0	59.8
JS 825	56.7	60.0	70.0	86.7	30.0	66.7	46.7	59.5
K12-13	50.0	65.0	75.0	85.0	30.0	71.7	40.0	59.5
IS-TF 284 M2	51.7	60.0	70.0	86.7	36.7	66.7	40.0	58.8
PPG-TF-145	43.3	71.7	70.0	86.7	16.7	73.3	50.0	58.8
ATF 1754	53.3	63.3	75.0	88.3	26.7	60.0	43.3	58.6
PST-5DZP	53.3	61.7	71.7	86.7	30.0	46.7	50.0	57.1
JS 916	53.3	53.3	75.0	83.3	23.3	66.7	40.0	56.4
LSD VALUE	9.2	16.5	9.2	4.4	11.9	26.4	14.0	5.5
C.V. (%)	9.7	14.6	7.5	3.1	23.1	22.6	17.1	14.2

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

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

TABLE 32.

RELATIVE GROWTH RATE OF TALL FESCUE CULTIVARS 1/  
2013 DATA

RELATIVE GROWTH RATE 1-4; 4=FAST GROWING 2/

NAME	IN1	NAME	IN1
AQUADUCT	4.0	ATF 1736	2.7
KY-31	4.0	B23	2.7
PSG-TT4	4.0	BIZEM	2.7
IS-TF 285	3.7	CATALYST	2.7
T31	3.7	DZ1	2.7
TD1	3.7	FAITH	2.7
ATF 1704	3.3	FIREBIRD 2	2.7
BAR FA 120878	3.3	FRONTLINE (EXP TF-09)	2.7
CAESAR (TY 10)	3.3	GO-DFR	2.7
F711	3.3	GRANDE 3	2.7
JS 825	3.3	HEMI	2.7
LTP-FSD	3.3	IS-TF 269 SEL	2.7
PPG-TF-115	3.3	IS-TF 282 M2	2.7
PPG-TF-148	3.3	IS-TF 310 SEL	2.7
PSG-8BP2	3.3	JS 809	2.7
PSG-GSD	3.3	JS 818	2.7
PST-5R05	3.3	JS 819	2.7
RAIN DANCE (PST-5SDT)	3.3	JS 916	2.7
RZ2	3.3	LTP-TWUU	2.7
SALTILLO (PST-5SALT)	3.3	MET 6 SEL	2.7
SRX-TPC	3.3	MET-3	2.7
TEMPTATION (OR-21)	3.3	PPG-TF-105	2.7
ANNIHILATOR LEDEBOER	3.0	PPG-TF-135	2.7
ATF 1612	3.0	PPG-TF-137	2.7
BULLSEYE	3.0	PPG-TF-138	2.7
COMP. RES. SST	3.0	PPG-TF-150	2.7
FALCON IV	3.0	PPG-TF-170	2.7
GTO (BURL TF-2)	3.0	PSG-P01	2.7
INSPIRATION (PST-R5NW)	3.0	PSG-WE1	2.7
IS-TF 276 M2	3.0	PST-5BPO	2.7
IS-TF 291	3.0	WARHAWK	2.7
IS-TF 311	3.0	ATF 1754	2.3
K12-MCD	3.0	BURL TF-69	2.3
MET 1	3.0	CCR2	2.3
PPG-TF-156	3.0	DB1	2.3
PST-5DZP	3.0	FESNOVA	2.3
PST-5EV2	3.0	HOT ROD (BURL TF-136)	2.3
PST-5EX2	3.0	IS-TF 272	2.3
PST-5MVD	3.0	IS-TF 289	2.3
U43	3.0	IS-TF 305 SEL	2.3
U45	3.0	IS-TF 308 SEL	2.3
		IS-TF 330	2.3

RELATIVE GROWTH RATE 1-4; 4=FAST GROWING 2/

NAME	IN1
IS-TF-287	2.3
LTP-F5DPDR	2.3
MARAUDER	2.3
PPG-TF-152	2.3
PPG-TF-157	2.3
PPG-TF-169	2.3
PST-5BRK	2.3
PST-5GRB	2.3
RAD-TF-88	2.3
REGENERATE	2.3
W41	2.3
W45	2.3
204 RES. BLK4	2.0
BAR FA 121091	2.0
BAR FA 121095	2.0
FALCON V	2.0
IS-TF 284 M2	2.0
IS-TF 307 SEL	2.0
PICK-W43	2.0
PPG-TF-151	2.0
PPG-TF-172	2.0
RAD-TF-89	2.0
RHAMBLER 2 SRP (LSD)	2.0
ZW 44	2.0
BAR FA 121089	1.7
PPG-TF-142	1.7
PPG-TF-145	1.7
RAD-TF-83	1.7
RAD-TF-92	1.7
TERRANO	1.7
PPG-TF-139	1.3
K12-05	1.0
K12-13	1.0
LSD VALUE	1.4
C.V. (%)	33.0

- 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.



NET BLOTCH RATINGS OF TALL FESCUE CULTIVARS 1/  
2013 DATA

NET BLOTCH RATINGS 1-9; 9=LEAST DISEASE 2/

NAME	NJ2	NAME	NJ2
TD1	7.3	PSG-WE1	5.7
IS-TF 289	7.0	RAD-TF-88	5.7
RHAMBLER 2 SRP (LSD)	7.0	SALTILLO (PST-5SALT)	5.7
IS-TF 269 SEL	6.7	TEMPTATION (OR-21)	5.7
IS-TF 285	6.7	TERRANO	5.7
IS-TF 330	6.7	ZW 44	5.7
JS 818	6.7	B23	5.3
PPG-TF-115	6.7	CCR2	5.3
PPG-TF-157	6.7	COMP. RES. SST	5.3
DB1	6.3	IS-TF 272	5.3
FIREBIRD 2	6.3	IS-TF 276 M2	5.3
IS-TF 284 M2	6.3	IS-TF 308 SEL	5.3
IS-TF 291	6.3	IS-TF 311	5.3
PPG-TF-105	6.3	LTP-FSD	5.3
PPG-TF-145	6.3	LTP-TWUU	5.3
PPG-TF-150	6.3	MARAUDER	5.3
PPG-TF-152	6.3	PICK-W43	5.3
SRX-TPC	6.3	PPG-TF-170	5.3
BULLSEYE	6.0	PPG-TF-172	5.3
DZ1	6.0	PSG-8BP2	5.3
FRONTLINE (EXP TF-09)	6.0	RAD-TF-83	5.3
IS-TF 282 M2	6.0	RAD-TF-89	5.3
IS-TF 307 SEL	6.0	RAD-TF-92	5.3
IS-TF 310 SEL	6.0	REGENERATE	5.3
JS 809	6.0	RZ2	5.3
JS 819	6.0	U45	5.3
K12-05	6.0	BAR FA 121089	5.0
K12-MCD	6.0	BURL TF-69	5.0
PPG-TF-139	6.0	F711	5.0
PST-5DZP	6.0	FALCON IV	5.0
W45	6.0	HEMI	5.0
BAR FA 121095	5.7	INSPIRATION (PST-R5NW)	5.0
FESNOVA	5.7	JS 916	5.0
GO-DFR	5.7	MET-3	5.0
HOT ROD (BURL TF-136)	5.7	PPG-TF-151	5.0
IS-TF 305 SEL	5.7	PST-5BRK	5.0
IS-TF-287	5.7	W41	5.0
JS 825	5.7	CAESAR (TY 10)	4.7
K12-13	5.7	GTO (BURL TF-2)	4.7
PPG-TF-138	5.7	PPG-TF-156	4.7
PPG-TF-142	5.7	PSG-GSD	4.7
		PST-5GRB	4.7

NET BLOTCH RATINGS 1-9; 9=LEAST DISEASE 2/

NAME	NJ2
U43	4.7
ANNIHILATOR LEDEBOER	4.3
BIZEM	4.3
FAITH	4.3
LTP-F5DPDR	4.3
MET 6 SEL	4.3
PPG-TF-135	4.3
PPG-TF-137	4.3
PPG-TF-148	4.3
PSG-P01	4.3
PST-5EV2	4.3
PST-5R05	4.3
WARHAWK	4.3
204 RES. BLK4	4.0
ATF 1612	4.0
BAR FA 121091	4.0
MET 1	4.0
PST-5MVD	4.0
T31	4.0
ATF 1736	3.7
ATF 1754	3.7
PSG-TT4	3.7
PST-5BPO	3.7
ATF 1704	3.3
FALCON V	3.3
PPG-TF-169	3.3
PST-5EX2	3.3
AQUADUCT	3.0
BAR FA 120878	3.0
GRANDE 3	3.0
CATALYST	2.7
RAIN DANCE (PST-5SDT)	2.7
KY-31	1.0
LSD VALUE	1.3
C.V. (%)	15.3

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

TABLE 34. BROWN PATCH (WARM TEMPERATURE) RATINGS OF TALL FESCUE CULTIVARS  
 Taken from the 2012 Tall Fescue test - 13 data report with permission from NTEP  
 AT WEST LAFAYETTE, IN 1/  
 2013 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/

NAME	JUL	AUG	MEAN	NAME	JUL	AUG	MEAN
ATF 1754	9.0	9.0	9.0	BURL TF-69	9.0	8.3	8.7
BIZEM	9.0	9.0	9.0	CATALYST	8.3	9.0	8.7
GRANDE 3	9.0	9.0	9.0	FALCON V	8.7	8.7	8.7
HEMI	9.0	9.0	9.0	IS-TF 269 SEL	8.7	8.7	8.7
IS-TF 305 SEL	9.0	9.0	9.0	IS-TF 307 SEL	9.0	8.3	8.7
KY-31	9.0	9.0	9.0	IS-TF 310 SEL	9.0	8.3	8.7
LTP-F5DPDR	9.0	9.0	9.0	PPG-TF-135	9.0	8.3	8.7
LTP-FSD	9.0	9.0	9.0	PPG-TF-138	9.0	8.3	8.7
MET-3	9.0	9.0	9.0	PPG-TF-142	9.0	8.3	8.7
PPG-TF-139	9.0	9.0	9.0	PPG-TF-151	9.0	8.3	8.7
PPG-TF-148	9.0	9.0	9.0	PPG-TF-170	8.7	8.7	8.7
PPG-TF-152	9.0	9.0	9.0	PSG-GSD	9.0	8.3	8.7
PPG-TF-156	9.0	9.0	9.0	PSG-TT4	8.7	8.7	8.7
PSG-WE1	9.0	9.0	9.0	PST-5MVD	9.0	8.3	8.7
RAD-TF-89	9.0	9.0	9.0	SRX-TPC	9.0	8.3	8.7
RHAMBLER 2 SRP (LSD)	9.0	9.0	9.0	T31	9.0	8.3	8.7
RZ2	9.0	9.0	9.0	TERRANO	9.0	8.3	8.7
ATF 1736	9.0	8.7	8.8	W41	9.0	8.3	8.7
F711	9.0	8.7	8.8	ATF 1612	9.0	8.0	8.5
INSPIRATION (PST-R5NW)	9.0	8.7	8.8	BULLSEYE	8.7	8.3	8.5
IS-TF 285	9.0	8.7	8.8	CCR2	9.0	8.0	8.5
IS-TF 291	9.0	8.7	8.8	DZ1	8.7	8.3	8.5
IS-TF 330	9.0	8.7	8.8	FAITH	9.0	8.0	8.5
IS-TF-287	9.0	8.7	8.8	FALCON IV	9.0	8.0	8.5
JS 916	9.0	8.7	8.8	HOT ROD (BURL TF-136)	9.0	8.0	8.5
PICK-W43	8.7	9.0	8.8	IS-TF 276 M2	9.0	8.0	8.5
PPG-TF-105	9.0	8.7	8.8	LTP-TWUU	9.0	8.0	8.5
PPG-TF-115	9.0	8.7	8.8	MET 1	8.7	8.3	8.5
PPG-TF-137	8.7	9.0	8.8	MET 6 SEL	8.7	8.3	8.5
PPG-TF-145	8.7	9.0	8.8	PST-5EV2	9.0	8.0	8.5
PPG-TF-150	9.0	8.7	8.8	PST-5GRB	9.0	8.0	8.5
PPG-TF-157	9.0	8.7	8.8	REGENERATE	8.7	8.3	8.5
PPG-TF-169	9.0	8.7	8.8	SALTILLO (PST-5SALT)	9.0	8.0	8.5
PPG-TF-172	8.7	9.0	8.8	ZW 44	9.0	8.0	8.5
PSG-8BP2	9.0	8.7	8.8	BAR FA 120878	9.0	7.7	8.3
PSG-P01	9.0	8.7	8.8	BAR FA 121095	9.0	7.7	8.3
PST-5BPO	9.0	8.7	8.8	IS-TF 272	9.0	7.7	8.3
PST-5BRK	9.0	8.7	8.8	K12-05	8.7	8.0	8.3
PST-5EX2	9.0	8.7	8.8	PST-5DZP	9.0	7.7	8.3
PST-5R05	9.0	8.7	8.8	RAD-TF-83	9.0	7.7	8.3
RAD-TF-88	9.0	8.7	8.8	W45	8.7	8.0	8.3
RAD-TF-92	9.0	8.7	8.8	FIREBIRD 2	9.0	7.3	8.2
U43	9.0	8.7	8.8	GO-DFR	9.0	7.3	8.2
U45	9.0	8.7	8.8	GTO (BURL TF-2)	8.7	7.7	8.2
B23	9.0	8.3	8.7	IS-TF 289	9.0	7.3	8.2

Taken from the 2012 Tall Fescue test - 13 data report with permission from NTEP

TABLE 34. BROWN PATCH (WARM TEMPERATURE) RATINGS OF TALL FESCUE CULTIVARS  
(CONT'D) AT WEST LAFAYETTE, IN 1/  
2013 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/

NAME	JUL	AUG	MEAN
IS-TF 308 SEL	9.0	7.3	8.2
JS 818	9.0	7.3	8.2
K12-MCD	9.0	7.3	8.2
RAIN DANCE (PST-5SDT)	8.3	8.0	8.2
WARHAWK	9.0	7.3	8.2
ATF 1704	8.7	7.3	8.0
BAR FA 121089	8.3	7.7	8.0
FESNOVA	9.0	7.0	8.0
IS-TF 311	8.7	7.3	8.0
IS-TF 282 M2	9.0	6.7	7.8
AQUADUCT	9.0	6.3	7.7
IS-TF 284 M2	9.0	6.3	7.7
TD1	8.3	7.0	7.7
CAESAR (TY 10)	7.7	7.3	7.5
JS 825	8.0	7.0	7.5
DB1	8.7	6.0	7.3
FRONTLINE (EXP TF-09)	7.3	7.3	7.3
JS 809	8.7	6.0	7.3
JS 819	8.0	6.7	7.3
ANNIHILATOR LEDEBOER	8.3	6.0	7.2
COMP. RES. SST	8.7	5.7	7.2
MARAUDER	8.0	6.3	7.2
BAR FA 121091	7.7	6.0	6.8
K12-13	7.7	5.3	6.5
204 RES. BLK4	7.0	5.7	6.3
TEMPTATION (OR-21)	6.7	6.0	6.3
LSD VALUE	1.5	2.1	1.4
C.V. (%)	6.8	13.2	8.3

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

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

TABLE 35 BROWN PATCH (WARM TEMPERATURE) RATINGS OF TALL FESCUE CULTIVARS  
 Taken from the 2012 Tall Fescue test - 13 data report with permission from NTEP  
 AT NORTH BRUNSWICK, NJ 1/  
 2013 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/

NAME	JUL_3	JUL_25	MEAN	NAME	JUL_3	JUL_25	MEAN
MET 6 SEL	8.3	7.0	7.7	U43	7.7	4.3	6.0
PPG-TF-150	8.0	7.3	7.7	ZW 44	7.7	4.3	6.0
PPG-TF-172	8.7	6.7	7.7	IS-TF 284 M2	7.3	4.3	5.8
PSG-WE1	8.3	7.0	7.7	IS-TF 305 SEL	7.7	4.0	5.8
BULLSEYE	8.7	6.3	7.5	PPG-TF-151	7.0	4.7	5.8
ATF 1612	8.0	6.7	7.3	TERRANO	8.0	3.7	5.8
BIZEM	8.7	6.0	7.3	ATF 1704	7.3	4.0	5.7
CCR2	8.3	6.3	7.3	GRANDE 3	7.3	4.0	5.7
IS-TF 307 SEL	8.7	6.0	7.3	JS 916	7.7	3.7	5.7
PPG-TF-105	7.7	7.0	7.3	LTP-FSD	7.3	4.0	5.7
PSG-GSD	8.0	6.7	7.3	PPG-TF-135	7.0	4.3	5.7
RHAMBLER 2 SRP (LSD)	8.0	6.7	7.3	PPG-TF-170	8.0	3.3	5.7
RZ2	8.3	6.3	7.3	ATF 1736	7.7	3.3	5.5
FALCON V	8.3	6.0	7.2	FALCON IV	8.0	3.0	5.5
IS-TF 289	8.7	5.7	7.2	KY-31	6.0	5.0	5.5
MET-3	8.0	6.3	7.2	PPG-TF-169	7.0	4.0	5.5
REGENERATE	8.3	6.0	7.2	PST-5DZP	7.7	3.3	5.5
IS-TF 311	8.0	6.0	7.0	RAIN DANCE (PST-5SDT)	7.3	3.7	5.5
LTP-TWUU	8.3	5.7	7.0	ATF 1754	7.0	3.7	5.3
MET 1	8.0	6.0	7.0	CAESAR (TY 10)	6.7	4.0	5.3
PST-5EV2	8.7	5.3	7.0	IS-TF 282 M2	7.0	3.7	5.3
SRX-TPC	8.3	5.7	7.0	PPG-TF-148	7.3	3.3	5.3
HEMI	8.0	5.7	6.8	PST-5MVD	6.7	4.0	5.3
F711	8.0	5.3	6.7	RAD-TF-92	7.7	3.0	5.3
LTP-F5DPDR	7.7	5.7	6.7	BURL TF-69	7.3	3.0	5.2
PPG-TF-142	7.3	6.0	6.7	CATALYST	6.7	3.7	5.2
PPG-TF-156	8.3	5.0	6.7	PSG-TT4	6.7	3.7	5.2
U45	8.3	5.0	6.7	DZ1	7.0	3.0	5.0
FIREBIRD 2	8.3	4.7	6.5	GO-DFR	6.7	3.3	5.0
GTO (BURL TF-2)	8.0	5.0	6.5	IS-TF 285	7.3	2.7	5.0
RAD-TF-89	7.7	5.3	6.5	IS-TF 308 SEL	7.3	2.7	5.0
W41	8.3	4.7	6.5	PST-5BRK	6.7	3.3	5.0
PICK-W43	8.7	4.0	6.3	ANNIHILATOR LEDEBOER	7.0	2.7	4.8
B23	7.7	4.7	6.2	BAR FA 121095	6.7	3.0	4.8
FAITH	7.0	5.3	6.2	IS-TF 269 SEL	6.7	3.0	4.8
FESNOVA	7.3	5.0	6.2	IS-TF 330	7.3	2.3	4.8
PPG-TF-152	8.0	4.3	6.2	JS 825	6.3	3.3	4.8
W45	7.3	5.0	6.2	PST-5BP0	6.0	3.7	4.8
HOT ROD (BURL TF-136)	8.0	4.0	6.0	PST-5R05	6.7	3.0	4.8
IS-TF 291	8.0	4.0	6.0	BAR FA 121089	6.3	3.0	4.7
PPG-TF-137	7.7	4.3	6.0	FRONTLINE (EXP TF-09)	6.0	3.3	4.7
PPG-TF-139	8.0	4.0	6.0	T31	6.3	3.0	4.7
PPG-TF-157	8.0	4.0	6.0	IS-TF 310 SEL	6.3	2.7	4.5
PST-5EX2	7.3	4.7	6.0	IS-TF-287	7.0	2.0	4.5
SALTILLO (PST-5SALT)	7.7	4.3	6.0	PPG-TF-145	7.0	2.0	4.5

TABLE 35. BROWN PATCH (WARM TEMPERATURE) RATINGS OF TALL FESCUE CULTIVARS  
(CONT'D) AT NORTH BRUNSWICK, NJ 1/  
2013 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/

NAME	JUL_3	JUL_25	MEAN
PST-5GRB	5.7	3.3	4.5
TEMPTATION (OR-21)	5.3	3.7	4.5
AQUADUCT	5.3	3.3	4.3
INSPIRATION (PST-R5NW)	5.7	3.0	4.3
K12-MCD	6.0	2.7	4.3
MARAUDER	6.3	2.3	4.3
PSG-P01	6.3	2.3	4.3
BAR FA 120878	5.7	2.7	4.2
JS 809	5.7	2.7	4.2
JS 818	5.3	3.0	4.2
PPG-TF-115	6.3	2.0	4.2
PSG-8BP2	6.3	2.0	4.2
RAD-TF-88	6.3	2.0	4.2
BAR FA 121091	6.3	1.7	4.0
DB1	6.0	2.0	4.0
IS-TF 276 M2	6.3	1.3	3.8
COMP. RES. SST	5.3	2.0	3.7
PPG-TF-138	6.0	1.3	3.7
TD1	5.7	1.7	3.7
204 RES. BLK4	5.0	2.0	3.5
JS 819	5.3	1.3	3.3
RAD-TF-83	5.3	1.3	3.3
IS-TF 272	5.3	1.0	3.2
WARHAWK	5.3	1.0	3.2
K12-05	3.3	1.0	2.2
K12-13	3.0	1.0	2.0
LSD VALUE	3.0	5.0	3.3
C.V. (%)	19.8	54.5	28.5

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 36. BROWN PATCH (WARM TEMPERATURE) RATINGS OF TALL FESCUE CULTIVARS  
 Taken from the 2012 Tall Fescue test -13 data report with permission from NTEP  
 AT STILLWATER, OK 1/  
 2013 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/

NAME	AUG_13	AUG_29	SEP_10	MEAN
BAR FA 120878	7.7	7.3	7.3	7.4
BAR FA 121089	7.7	7.0	7.7	7.4
KY-31	7.7	7.0	7.7	7.4
TERRANO	7.7	6.7	7.7	7.3
K12-MCD	8.0	6.7	7.0	7.2
RAIN DANCE (PST-5SDT)	8.0	6.7	7.0	7.2
AQUADUCT	7.3	6.3	7.3	7.0
PPG-TF-145	7.3	6.7	7.0	7.0
SALTILLO (PST-5SALT)	8.0	6.3	6.7	7.0
IS-TF 282 M2	8.0	6.0	6.7	6.9
PPG-TF-115	7.3	6.7	6.7	6.9
PST-5BPO	8.0	6.0	6.7	6.9
PST-5DZP	7.3	6.7	6.7	6.9
FRONTLINE (EXP TF-09)	7.7	6.3	6.3	6.8
INSPIRATION (PST-R5NW)	6.7	6.7	7.0	6.8
PSG-8BP2	6.0	6.7	7.7	6.8
IS-TF 276 M2	7.7	6.0	6.3	6.7
IS-TF 311	7.0	6.3	6.7	6.7
JS 825	7.0	6.0	7.0	6.7
PST-5GRB	7.0	6.3	6.7	6.7
PST-5R05	7.3	6.0	6.7	6.7
TEMPTATION (OR-21)	7.3	6.3	6.3	6.7
GO-DFR	7.3	6.0	6.3	6.6
IS-TF 284 M2	7.0	6.0	6.7	6.6
IS-TF 305 SEL	7.0	6.0	6.7	6.6
PPG-TF-138	7.3	6.0	6.3	6.6
PST-5EV2	6.7	6.3	6.7	6.6
BIZEM	7.3	5.3	6.7	6.4
CCR2	7.0	6.0	6.3	6.4
PPG-TF-157	7.3	5.7	6.3	6.4
PST-5EX2	7.0	6.0	6.3	6.4
SRX-TPC	7.3	5.7	6.3	6.4
W41	7.0	5.7	6.7	6.4
CAESAR (TY 10)	6.3	6.0	6.7	6.3
IS-TF 285	7.7	6.0	5.3	6.3
LTP-FSD	8.0	5.7	5.3	6.3
PPG-TF-151	6.0	6.0	7.0	6.3
PSG-TT4	6.0	6.3	6.7	6.3
PST-5BRK	6.7	6.0	6.3	6.3
BAR FA 121095	5.7	5.7	7.3	6.2
IS-TF 289	7.0	5.7	6.0	6.2
IS-TF 307 SEL	7.0	5.3	6.3	6.2
PPG-TF-142	7.3	5.7	5.7	6.2
PSG-GSD	7.0	5.7	6.0	6.2
RHAMBLER 2 SRP (LSD)	7.3	5.3	6.0	6.2

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/

NAME	AUG_13	AUG_29	SEP_10	MEAN
ATF 1704	6.7	5.7	6.0	6.1
BAR FA 121091	5.7	6.0	6.7	6.1
FALCON IV	6.7	5.3	6.3	6.1
PPG-TF-139	6.7	6.0	5.7	6.1
PPG-TF-152	6.3	6.0	6.0	6.1
IS-TF 330	6.7	5.3	6.0	6.0
JS 916	6.3	5.3	6.3	6.0
LTP-F5DPDR	6.7	5.7	5.7	6.0
PICK-W43	6.3	5.7	6.0	6.0
K12-05	5.7	5.7	6.3	5.9
PPG-TF-172	6.3	5.3	6.0	5.9
FAITH	6.7	5.0	5.7	5.8
GTO (BURL TF-2)	6.7	5.3	5.3	5.8
IS-TF 269 SEL	6.3	5.0	6.0	5.8
IS-TF 310 SEL	6.0	5.3	6.0	5.8
MET-3	5.3	6.0	6.0	5.8
RZ2	6.3	5.0	6.0	5.8
F711	6.3	5.3	5.3	5.7
FESNOVA	6.0	5.0	6.0	5.7
JS 809	6.3	5.3	5.3	5.7
JS 818	6.7	5.0	5.3	5.7
LTP-TWUU	6.0	5.0	6.0	5.7
MET 1	6.7	5.0	5.3	5.7
PPG-TF-150	6.0	5.3	5.7	5.7
WARHAWK	6.3	4.7	6.0	5.7
ATF 1612	5.7	5.3	5.7	5.6
DZ1	6.7	5.0	5.0	5.6
PPG-TF-105	6.7	5.0	5.0	5.6
TD1	4.7	5.7	6.3	5.6
FALCON V	6.3	5.0	5.0	5.4
GRANDE 3	6.0	4.7	5.7	5.4
JS 819	6.7	5.0	4.7	5.4
IS-TF 272	5.0	5.3	5.7	5.3
IS-TF 308 SEL	5.7	5.0	5.3	5.3
PPG-TF-170	6.7	5.0	4.3	5.3
T31	6.0	5.0	5.0	5.3
W45	5.7	4.7	5.7	5.3
FIREBIRD 2	6.3	4.3	5.0	5.2
IS-TF-287	5.7	4.7	5.3	5.2
U45	5.3	5.0	5.3	5.2
IS-TF 291	6.0	5.0	4.3	5.1
PPG-TF-137	6.0	5.0	4.3	5.1
PST-5MVD	5.3	5.0	5.0	5.1
ATF 1754	5.7	4.7	4.7	5.0
PPG-TF-169	5.7	4.7	4.7	5.0



TABLE 36. BROWN PATCH (WARM TEMPERATURE) RATINGS OF TALL FESCUE CULTIVARS  
(CONT'D) AT STILLWATER, OK 1/  
2013 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/

NAME	AUG_13	AUG_29	SEP_10	MEAN
ATF 1736	5.7	4.3	4.7	4.9
HOT ROD (BURL TF-136)	6.0	4.3	4.3	4.9
K12-13	3.7	5.3	5.7	4.9
ZW 44	5.0	4.7	5.0	4.9
MET 6 SEL	5.7	4.3	4.3	4.8
PSG-WE1	5.0	4.3	5.0	4.8
B23	5.7	4.3	4.0	4.7
PPG-TF-156	5.7	4.0	4.3	4.7
BULLSEYE	5.0	4.3	4.3	4.6
DB1	4.0	4.7	5.0	4.6
HEMI	5.0	4.0	4.3	4.4
PPG-TF-148	5.0	4.0	4.3	4.4
PPG-TF-135	4.7	4.3	4.0	4.3
PSG-P01	4.7	3.7	4.7	4.3
REGENERATE	4.7	4.3	4.0	4.3
U43	4.3	3.7	4.3	4.1
CATALYST	4.0	3.7	3.7	3.8
RAD-TF-92	4.3	2.7	4.3	3.8
RAD-TF-83	3.7	3.3	3.7	3.6
BURL TF-69	3.7	3.0	3.3	3.3
ANNIHILATOR LEDEBOER	4.3	3.0	2.3	3.2
COMP. RES. SST	4.0	3.7	2.0	3.2
RAD-TF-89	3.3	2.7	2.3	2.8
204 RES. BLK4	3.3	2.3	2.3	2.7
MARAUDER	3.3	2.3	2.3	2.7
RAD-TF-88	2.3	2.3	2.0	2.2
LSD VALUE	1.9	1.2	1.6	1.2
C.V. (%)	18.3	15.0	18.0	13.8

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

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

EARLY SPRING GROUND COVER RATINGS 1-9; 9=100% COVER, 1=NONE 2/

NAME	MD1	NAME	MD1
BAR FA 120878	8.3	DZ1	7.0
KY-31	8.3	K12-MCD	7.0
PPG-TF-169	8.3	MET 6 SEL	7.0
B23	8.0	PPG-TF-105	7.0
INSPIRATION (PST-R5NW)	8.0	PPG-TF-137	7.0
LTP-FSD	8.0	PPG-TF-148	7.0
PPG-TF-135	8.0	PPG-TF-151	7.0
PST-5BRK	8.0	PPG-TF-156	7.0
RAIN DANCE (PST-5SDT)	8.0	PPG-TF-157	7.0
REGENERATE	8.0	T31	7.0
F711	7.7	ATF 1754	6.7
FESNOVA	7.7	BURL TF-69	6.7
JS 818	7.7	CCR2	6.7
LTP-F5DPDR	7.7	COMP. RES. SST	6.7
MET 1	7.7	DB1	6.7
MET-3	7.7	FAITH	6.7
PICK-W43	7.7	FALCON IV	6.7
PST-5EV2	7.7	FIREBIRD 2	6.7
PST-5EX2	7.7	FRONTLINE (EXP TF-09)	6.7
PST-5GRB	7.7	GRANDE 3	6.7
RHAMBLER 2 SRP (LSD)	7.7	GTO (BURL TF-2)	6.7
U43	7.7	HEMI	6.7
ZW 44	7.7	IS-TF 276 M2	6.7
AQUADUCT	7.3	IS-TF 285	6.7
ATF 1704	7.3	IS-TF 291	6.7
BULLSEYE	7.3	IS-TF 308 SEL	6.7
CATALYST	7.3	IS-TF-287	6.7
FALCON V	7.3	JS 809	6.7
PPG-TF-170	7.3	K12-05	6.7
PSG-GSD	7.3	LTP-TWUU	6.7
PSG-TT4	7.3	PPG-TF-139	6.7
PSG-WE1	7.3	PPG-TF-172	6.7
PST-5BPO	7.3	PST-5MVD	6.7
RZ2	7.3	PST-5RO5	6.7
SRX-TPC	7.3	RAD-TF-89	6.7
W45	7.3	SALTILLO (PST-5SALT)	6.7
ANNIHILATOR LEDEBOER	7.0	TEMPTATION (OR-21)	6.7
ATF 1736	7.0	TERRANO	6.7
BAR FA 121089	7.0	W41	6.7
BIZEM	7.0	WARHAWK	6.7
CAESAR (TY 10)	7.0	204 RES. BLK4	6.3
		ATF 1612	6.3

TABLE 37.  
(CONT'D)

EARLY SPRING GROUND COVER RATINGS OF TALL FESCUE CULTIVARS 1/  
2013 DATA

EARLY SPRING GROUND COVER RATINGS 1-9; 9=100% COVER, 1=NONE 2/

NAME	MD1
BAR FA 121095	6.3
GO-DFR	6.3
HOT ROD (BURL TF-136)	6.3
IS-TF 269 SEL	6.3
IS-TF 284 M2	6.3
JS 819	6.3
JS 825	6.3
MARAUDER	6.3
PPG-TF-138	6.3
PPG-TF-150	6.3
PPG-TF-152	6.3
RAD-TF-83	6.3
U45	6.3
BAR FA 121091	6.0
IS-TF 272	6.0
IS-TF 282 M2	6.0
IS-TF 289	6.0
IS-TF 305 SEL	6.0
IS-TF 330	6.0
PPG-TF-115	6.0
PPG-TF-142	6.0
PPG-TF-145	6.0
PSG-8BP2	6.0
PSG-P01	6.0
RAD-TF-88	6.0
RAD-TF-92	6.0
TD1	6.0
IS-TF 307 SEL	5.7
IS-TF 310 SEL	5.7
IS-TF 311	5.7
JS 916	5.7
PST-5DZP	5.7
K12-13	5.0
LSD VALUE	1.0
C.V. (%)	8.7

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

SUMMARY OF TURFGRASS QUALITY RATINGS FOR TALL FESCUE CULTIVARS \*/  
 2013 DATA  
 TURFGRASS QUALITY RATINGS 1 9; 9=IDEAL TURF \*\*/

NAME	QUALITY MEAN 1/	MAXIMUM IN TOP 25% 2/	NAME	QUALITY MEAN 1/	MAXIMUM IN TOP 25% 2/
204 RES. BLK4	5.6	11.1	IS-TF 310 SEL	6.2	38.9
ANNIHILATOR LEDEBOER	5.4	0.0	IS-TF 311	6.1	0.0
AQUADUCT	5.6	5.6	IS-TF 330	6.2	44.4
ATF 1612	6.3	11.1	IS-TF-287	6.2	22.2
ATF 1704	6.1	16.7	JS 809	5.7	5.6
ATF 1736	6.1	11.1	JS 818	6.0	5.6
ATF 1754	6.1	22.2	JS 819	5.7	0.0
B23	6.5	61.1	JS 825	5.6	5.6
BAR FA 120878	5.1	5.6	JS 916	6.0	5.6
BAR FA 121089	5.6	5.6	K12-05	5.9	5.6
BAR FA 121091	5.5	0.0	K12-13	5.4	0.0
BAR FA 121095	5.8	5.6	K12-MCD	6.2	33.3
BIZEM	6.3	38.9	KY-31	4.0	5.6
BULLSEYE	6.2	16.7	LTP-F5DPDR	6.3	38.9
BURL TF-69	6.0	11.1	LTP-FSD	6.2	16.7
CAESAR (TY 10)	6.0	22.2	LTP-TWUU	6.3	38.9
CATALYST	6.2	38.9	MARAUDER	5.3	0.0
CCR2	6.5	61.1	MET 1	6.5	61.1
COMP. RES. SST	5.5	0.0	MET 6 SEL	6.1	27.8
DB1	6.1	22.2	MET-3	6.4	33.3
DZ1	6.2	11.1	PICK-W43	6.5	61.1
F711	6.4	44.4	PPG-TF-105	6.5	61.1
FAITH	6.2	11.1	PPG-TF-115	6.0	5.6
FALCON IV	6.0	5.6	PPG-TF-135	6.3	33.3
FALCON V	6.2	16.7	PPG-TF-137	6.5	66.7
FESNOVA	6.4	50.0	PPG-TF-138	6.2	22.2
FIREBIRD 2	6.2	16.7	PPG-TF-139	6.1	16.7
FRONTLINE (EXP TF-09)	5.9	16.7	PPG-TF-142	5.9	16.7
GO-DFR	6.0	5.6	PPG-TF-145	6.0	22.2
GRANDE 3	6.2	27.8	PPG-TF-148	6.1	22.2
GTO (BURL TF-2)	6.3	27.8	PPG-TF-150	6.5	50.0
HEMI	6.3	22.2	PPG-TF-151	6.3	22.2
HOT ROD (BURL TF-136)	6.3	33.3	PPG-TF-152	6.5	66.7
INSPIRATION (PST-R5NW)	5.8	5.6	PPG-TF-156	6.4	61.1
IS-TF 269 SEL	6.1	16.7	PPG-TF-157	6.4	44.4
IS-TF 272	6.1	33.3	PPG-TF-169	6.2	27.8
IS-TF 276 M2	6.0	16.7	PPG-TF-170	6.3	33.3
IS-TF 282 M2	6.1	33.3	PPG-TF-172	6.4	33.3
IS-TF 284 M2	6.1	16.7	PSG-8BP2	5.8	11.1
IS-TF 285	6.2	27.8	PSG-GSD	6.0	11.1
IS-TF 289	6.3	27.8	PSG-P01	6.2	38.9
IS-TF 291	6.4	50.0	PSG-TT4	5.7	0.0
IS-TF 305 SEL	6.1	11.1	PSG-WE1	6.3	27.8
IS-TF 307 SEL	6.3	44.4	PST-5BPO	6.0	11.1
IS-TF 308 SEL	6.1	27.8	PST-5BRK	6.1	16.7

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	QUALITY	MAXIMUM
	MEAN 1/	IN TOP 25% 2/
PST-5DZP	5.9	11.1
PST-5EV2	6.2	16.7
PST-5EX2	5.8	5.6
PST-5GRB	6.2	22.2
PST-5MVD	6.0	5.6
PST-5R05	6.0	22.2
RAD-TF-83	5.8	0.0
RAD-TF-88	6.0	33.3
RAD-TF-89	6.1	22.2
RAD-TF-92	5.9	11.1
RAIN DANCE (PST-5SDT)	5.9	16.7
REGENERATE	6.6	55.6
RHAMBLER 2 SRP (LSD)	6.4	61.1
RZ2	6.3	38.9
SALTILLO (PST-5SALT)	6.0	16.7
SRX-TPC	6.4	61.1
T31	6.1	27.8
TD1	6.1	22.2
TEMPTATION (OR-21)	6.1	27.8
TERRANO	6.2	27.8
U43	6.6	72.2
U45	6.3	27.8
W41	6.2	27.8
W45	6.5	50.0
WARHAWK	5.4	0.0
ZW 44	6.6	61.1
LSD VALUE	0.2	
C.V. (%)	8.0	

\*/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).  
 \*\*/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.  
 1/ MEAN AN AVERAGE OF ALL THE TURFGRASS QUALITY RATINGS FROM ALL LOCATIONS.  
 2/ MAXIMUM IN TOP 25% THE PERCENTAGE OF LOCATIONS WHERE THAT ENTRY FINISHED IN THE TOP 25% OF ALL ENTRIES.