

TABLE 1.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT RIVERSIDE, CA 1/
2015 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | DENSITY SUMMER | WINTER COLOR | QUALITY RATINGS | | | | | | | | | | | | MEAN |
|------------------------------|------------------|-------------------|-----------------|-------------------|-----------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | | | | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| 4TH MILLENNIUM SRP (U43) | 7.7 | 6.0 | 6.0 | 7.3 | 7.7 | 6.7 | 7.0 | 6.7 | 6.7 | 7.0 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.7 | 7.7 | 7.2 |
| TECHNIQUE (RZ2) | 8.0 | 6.7 | 6.0 | 7.0 | 7.7 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.3 | 7.3 | 7.3 | 7.3 | 7.7 | 7.7 | 7.2 |
| FALCON V | 7.7 | 6.3 | 5.7 | 6.7 | 7.3 | 7.0 | 7.3 | 7.0 | 6.7 | 7.0 | 6.7 | 7.0 | 7.0 | 7.0 | 7.3 | 7.3 | 7.3 | 7.1 |
| REBOUNDER (PICK-W43) | 7.7 | 6.0 | 5.7 | 6.0 | 7.3 | 7.7 | 7.7 | 7.3 | 6.7 | 6.7 | 6.7 | 6.3 | 6.7 | 7.0 | 7.0 | 8.0 | 8.0 | 7.1 |
| IS-TF 311 | 7.7 | 6.0 | 6.0 | 7.3 | 7.3 | 7.0 | 7.3 | 7.3 | 7.0 | 6.7 | 6.7 | 7.0 | 6.7 | 7.0 | 6.7 | 7.0 | 7.3 | 7.0 |
| MAESTRO (T31) | 7.7 | 6.0 | 6.0 | 6.7 | 7.7 | 7.7 | 8.0 | 7.7 | 7.7 | 6.7 | 6.3 | 6.7 | 6.3 | 7.0 | 7.0 | 6.7 | 6.7 | 7.0 |
| SCREAMER LS (PPG-TF-148) | 7.7 | 6.0 | 6.0 | 7.0 | 7.7 | 7.0 | 7.3 | 7.0 | 6.7 | 7.0 | 6.3 | 6.7 | 6.7 | 7.0 | 7.0 | 7.7 | 7.7 | 7.0 |
| ATF 1612 | 7.3 | 4.7 | 5.7 | 5.7 | 7.7 | 6.7 | 7.3 | 6.7 | 7.0 | 6.3 | 6.3 | 6.3 | 7.0 | 7.0 | 7.0 | 7.3 | 7.3 | 6.9 |
| BLACK TAIL (PPG-TF-150) | 7.3 | 5.3 | 6.3 | 7.0 | 7.3 | 6.7 | 7.0 | 6.7 | 6.7 | 6.7 | 7.0 | 7.0 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 6.9 |
| PSG-P01 | 7.7 | 5.3 | 6.0 | 6.7 | 7.7 | 6.7 | 7.7 | 7.0 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 6.9 |
| TEMPLE (DZ1) | 8.0 | 6.0 | 6.3 | 7.0 | 7.0 | 6.7 | 6.3 | 6.3 | 6.3 | 6.7 | 6.7 | 6.7 | 7.0 | 7.0 | 7.3 | 7.7 | 7.7 | 6.9 |
| 204 RES. BLK4 | 7.0 | 5.7 | 6.3 | 7.0 | 7.3 | 6.7 | 6.3 | 6.3 | 6.7 | 6.3 | 6.7 | 7.0 | 6.7 | 7.0 | 7.3 | 7.3 | 7.0 | 6.8 |
| FIREWALL (PSG-WE1) | 8.0 | 5.3 | 6.0 | 7.7 | 7.3 | 7.0 | 7.3 | 7.0 | 7.0 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.8 |
| HOVER (BURL TF-69) | 7.3 | 6.3 | 5.3 | 6.3 | 7.3 | 6.7 | 6.7 | 6.3 | 6.7 | 6.7 | 6.7 | 6.7 | 7.0 | 7.0 | 7.0 | 7.3 | 7.3 | 6.8 |
| MET 1 | 7.7 | 5.0 | 6.0 | 6.7 | 7.3 | 6.7 | 7.3 | 7.0 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 7.0 | 7.0 | 7.0 | 6.7 | 6.8 |
| MET-3 | 7.7 | 6.7 | 5.7 | 7.0 | 7.7 | 6.7 | 7.3 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 6.7 | 6.7 | 6.3 | 6.3 | 6.3 | 6.8 |
| ROCKWELL (LTP-TWUU) | 7.7 | 6.3 | 5.3 | 7.0 | 7.3 | 7.0 | 7.3 | 7.0 | 7.0 | 6.7 | 6.7 | 6.3 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.8 |
| GTO (BURL TF-2) | 8.0 | 4.7 | 5.7 | 6.7 | 7.7 | 6.7 | 7.0 | 6.7 | 6.7 | 6.0 | 6.0 | 6.7 | 6.0 | 7.0 | 6.7 | 7.3 | 7.3 | 6.7 |
| REFLECTION (U45) | 7.3 | 5.7 | 5.7 | 7.7 | 7.7 | 6.7 | 7.0 | 7.0 | 7.0 | 6.3 | 6.7 | 7.0 | 6.3 | 6.7 | 6.3 | 6.7 | 6.7 | 6.7 |
| REGENERATE | 8.0 | 6.3 | 6.3 | 7.0 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.3 | 6.7 | 6.7 | 6.7 | 7.0 | 7.0 | 6.7 |
| ATF 1704 | 7.0 | 5.0 | 5.7 | 6.7 | 7.0 | 6.7 | 7.0 | 6.7 | 6.7 | 6.3 | 6.3 | 6.3 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.6 |
| AMITY (CCR2) | 7.3 | 5.3 | 6.0 | 7.0 | 6.7 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 7.0 | 6.3 | 7.0 | 6.7 | 7.0 | 7.0 | 6.6 |
| HOT ROD (BURL TF-136) | 8.0 | 5.3 | 5.3 | 7.3 | 8.0 | 6.3 | 7.0 | 6.7 | 6.7 | 7.0 | 7.3 | 6.7 | 6.7 | 6.0 | 6.7 | 6.0 | 6.0 | 6.6 |
| PARAMOUNT (PPG-TF-137) | 7.7 | 5.0 | 6.0 | 6.7 | 7.3 | 6.7 | 6.3 | 6.7 | 6.3 | 6.3 | 6.7 | 6.3 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.6 |
| 'COMMANDER (PPG-TF-170) | 7.7 | 5.7 | 6.0 | 5.7 | 7.3 | 6.7 | 6.7 | 6.7 | 6.3 | 6.0 | 6.0 | 6.3 | 6.7 | 6.3 | 6.7 | 7.3 | 7.3 | 6.6 |
| OLYMPUS (RAD-TF-88) | 7.7 | 5.3 | 6.3 | 7.0 | 6.7 | 6.3 | 7.0 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.3 | 6.7 | 6.7 | 6.3 | 6.3 | 6.6 |
| XTENDER (PPG-TF-139) | 7.3 | 6.0 | 5.7 | 6.0 | 7.7 | 6.7 | 7.0 | 7.0 | 6.3 | 6.0 | 6.0 | 6.0 | 7.0 | 6.0 | 7.0 | 7.0 | 7.0 | 6.6 |
| FAITH | 7.3 | 5.7 | 6.0 | 6.3 | 7.0 | 7.0 | 7.3 | 7.0 | 6.7 | 6.3 | 5.7 | 5.7 | 6.3 | 6.0 | 6.7 | 6.7 | 6.7 | 6.5 |
| FIRECRACKER SLS (PPG-TF-105) | 8.0 | 6.3 | 5.7 | 7.0 | 7.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.3 | 6.3 | 6.3 | 6.7 | 6.3 | 6.7 | 6.7 | 6.7 | 6.5 |
| JS 819 | 7.7 | 5.0 | 5.7 | 5.7 | 7.0 | 6.3 | 6.3 | 6.3 | 6.3 | 6.0 | 6.0 | 6.0 | 7.0 | 6.7 | 7.0 | 7.0 | 7.0 | 6.5 |
| K12-05 | 8.0 | 5.3 | 5.7 | 6.7 | 8.0 | 6.7 | 7.0 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.7 | 6.3 | 6.3 | 6.7 | 6.7 | 6.5 |
| TERRANO | 7.3 | 6.7 | 5.3 | 6.0 | 7.7 | 6.7 | 7.3 | 6.7 | 6.7 | 6.0 | 6.0 | 6.0 | 6.7 | 6.7 | 6.3 | 6.7 | 6.7 | 6.5 |
| THOR (PPG-TF-157) | 7.7 | 5.7 | 5.7 | 6.0 | 8.0 | 6.7 | 6.7 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.7 | 6.7 | 6.7 | 6.5 |
| TITANIUM 2LS (PPG-TF-152) | 8.0 | 6.7 | 6.0 | 6.3 | 7.7 | 7.0 | 8.0 | 7.0 | 6.3 | 6.0 | 5.7 | 5.7 | 6.3 | 6.7 | 6.3 | 6.7 | 6.7 | 6.5 |
| W41 | 7.7 | 5.7 | 6.0 | 6.0 | 7.0 | 6.3 | 6.7 | 6.3 | 6.3 | 6.0 | 6.0 | 6.3 | 6.7 | 6.3 | 7.0 | 7.0 | 7.0 | 6.5 |
| B23 | 7.7 | 5.7 | 5.7 | 5.7 | 7.0 | 6.7 | 7.0 | 6.7 | 6.7 | 5.7 | 5.3 | 6.0 | 6.0 | 6.3 | 6.3 | 7.0 | 7.0 | 6.4 |
| BIZEM | 7.7 | 6.3 | 5.7 | 7.0 | 7.3 | 6.7 | 7.0 | 7.0 | 6.7 | 6.0 | 6.0 | 6.0 | 6.3 | 6.0 | 6.3 | 6.3 | 6.3 | 6.4 |
| F711 | 7.7 | 5.3 | 5.7 | 7.0 | 7.7 | 6.7 | 6.3 | 6.3 | 6.0 | 6.3 | 6.7 | 6.7 | 6.7 | 6.0 | 6.7 | 6.0 | 6.0 | 6.4 |
| FALCON IV | 8.0 | 5.7 | 4.7 | 6.3 | 7.0 | 6.3 | 6.7 | 6.3 | 6.3 | 6.0 | 5.7 | 6.3 | 6.0 | 6.7 | 6.3 | 7.0 | 7.0 | 6.4 |
| FAYETTE (IS-TF 291) | 8.0 | 5.0 | 5.7 | 6.0 | 8.0 | 6.7 | 6.0 | 5.7 | 6.0 | 6.0 | 5.7 | 5.7 | 6.3 | 6.3 | 7.3 | 7.7 | 7.7 | 6.4 |
| GRANDE 3 | 7.3 | 4.7 | 5.7 | 6.7 | 6.7 | 6.7 | 7.0 | 6.3 | 6.3 | 6.0 | 6.0 | 6.0 | 6.3 | 6.7 | 6.3 | 6.7 | 6.7 | 6.4 |
| HEMI | 8.0 | 5.3 | 5.3 | 6.7 | 6.7 | 6.3 | 7.0 | 6.7 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.4 |
| RHIZING MOON (IS-TF 305 SEL) | 8.0 | 5.3 | 5.7 | 6.0 | 7.3 | 6.7 | 6.7 | 6.7 | 6.7 | 5.7 | 5.7 | 5.7 | 6.3 | 6.7 | 6.3 | 6.7 | 6.7 | 6.4 |
| CROSSFIRE 4 (IS-TF 310 SEL) | 8.0 | 5.7 | 5.7 | 6.0 | 7.0 | 6.7 | 7.0 | 6.7 | 6.7 | 6.3 | 6.0 | 6.3 | 6.0 | 6.3 | 6.0 | 6.3 | 6.3 | 6.4 |
| JS 916 | 8.0 | 6.7 | 5.0 | 6.3 | 6.7 | 6.3 | 6.7 | 6.3 | 6.3 | 6.3 | 6.3 | 6.0 | 6.7 | 6.3 | 6.7 | 6.7 | 6.7 | 6.4 |

TABLE 1. (CONT'D)

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| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | DENSITY SUMMER | WINTER COLOR | QUALITY RATINGS | | | | | | | | | | | | MEAN |
|---------------------------|------------------|-------------------|-----------------|-------------------|-----------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | | | | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| PPG-TF-169 | 7.7 | 5.3 | 5.3 | 6.7 | 7.0 | 7.0 | 6.7 | 6.7 | 6.3 | 5.7 | 5.0 | 6.0 | 6.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.4 |
| RAD-TF-89 | 7.7 | 5.3 | 5.7 | 6.7 | 7.3 | 6.7 | 7.0 | 6.7 | 6.3 | 6.0 | 5.7 | 5.7 | 6.3 | 6.3 | 6.3 | 6.7 | 6.7 | 6.4 |
| RAD-TF-92 | 7.7 | 5.3 | 5.0 | 6.3 | 7.3 | 6.3 | 7.0 | 6.7 | 6.0 | 6.3 | 5.7 | 6.7 | 6.0 | 6.7 | 6.0 | 6.7 | 6.7 | 6.4 |
| ROWDY (SRX-TPC) | 8.0 | 5.7 | 5.7 | 6.3 | 7.3 | 6.3 | 7.3 | 6.7 | 6.3 | 5.7 | 6.0 | 6.0 | 6.3 | 6.3 | 6.7 | 6.7 | 6.7 | 6.4 |
| CATALYST | 8.0 | 5.7 | 5.3 | 6.7 | 7.3 | 6.3 | 6.7 | 6.3 | 6.3 | 6.0 | 6.0 | 6.0 | 6.7 | 6.0 | 6.3 | 6.7 | 6.7 | 6.3 |
| DYNAMITE LS (PPG-TF-145) | 7.7 | 6.3 | 5.7 | 6.3 | 7.0 | 6.3 | 7.0 | 6.3 | 6.3 | 6.3 | 6.3 | 6.0 | 6.3 | 6.0 | 6.3 | 6.3 | 6.3 | 6.3 |
| EMBRACE (PST-5EV2) | 7.7 | 6.0 | 5.0 | 6.7 | 7.3 | 6.7 | 6.7 | 6.3 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.7 | 6.7 | 6.7 | 6.3 | 6.3 |
| LEONARDO (LTP-FSD) | 7.7 | 6.0 | 5.0 | 6.3 | 7.0 | 6.7 | 7.0 | 6.7 | 6.7 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.3 | 6.0 | 6.0 | 6.3 |
| BLOODHOUND (MET 6 SEL) | 7.3 | 5.0 | 5.7 | 6.3 | 7.3 | 6.3 | 6.0 | 6.0 | 5.7 | 6.0 | 5.7 | 6.3 | 6.3 | 7.0 | 6.7 | 7.0 | 7.0 | 6.3 |
| PPG-TF-135 | 7.7 | 5.0 | 6.0 | 7.0 | 7.3 | 6.3 | 6.7 | 6.3 | 6.0 | 6.0 | 6.0 | 6.3 | 6.0 | 6.7 | 6.3 | 6.7 | 6.7 | 6.3 |
| WICHITA (PPG-TF-151) | 7.3 | 6.0 | 5.7 | 6.3 | 7.7 | 6.7 | 6.3 | 6.3 | 6.0 | 6.0 | 5.7 | 6.0 | 6.0 | 6.3 | 6.3 | 6.7 | 6.7 | 6.3 |
| THUNDERSTRUCK (TD1) | 8.0 | 5.7 | 6.0 | 7.0 | 6.7 | 6.0 | 6.0 | 6.0 | 6.0 | 6.3 | 6.3 | 6.3 | 6.0 | 6.7 | 6.7 | 6.7 | 6.7 | 6.3 |
| ANNIHILATOR | 8.0 | 6.0 | 5.0 | 6.3 | 6.7 | 6.3 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.7 | 6.3 | 6.7 | 6.7 | 6.2 |
| DIABLO (IS-TF 330) | 8.0 | 5.7 | 5.3 | 7.0 | 6.7 | 6.3 | 6.7 | 6.3 | 6.3 | 5.7 | 5.7 | 5.7 | 6.3 | 6.3 | 6.3 | 6.3 | 6.0 | 6.2 |
| FIREBIRD 2 | 8.0 | 6.0 | 5.3 | 6.7 | 7.3 | 6.0 | 6.7 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.0 | 6.3 | 6.3 | 5.7 | 5.7 | 6.2 |
| IS-TF 272 | 8.0 | 5.7 | 5.3 | 6.3 | 7.0 | 6.0 | 6.7 | 6.3 | 6.3 | 5.7 | 5.3 | 5.7 | 6.0 | 6.3 | 6.3 | 6.7 | 6.7 | 6.2 |
| IS-TF 276 M2 | 7.7 | 5.0 | 5.3 | 6.3 | 7.3 | 6.7 | 5.3 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.7 | 6.7 | 6.7 | 6.7 | 6.2 |
| IS-TF-287 | 8.0 | 5.3 | 5.3 | 6.0 | 6.7 | 6.0 | 6.7 | 6.0 | 6.0 | 5.7 | 5.7 | 5.7 | 6.3 | 6.0 | 6.7 | 6.7 | 6.7 | 6.2 |
| JS 818 | 8.0 | 6.7 | 5.0 | 6.3 | 7.3 | 6.3 | 6.0 | 5.7 | 5.7 | 5.7 | 5.7 | 6.0 | 6.0 | 6.7 | 6.3 | 7.0 | 7.0 | 6.2 |
| K12-MCD | 8.0 | 6.0 | 5.0 | 7.0 | 7.7 | 6.3 | 6.7 | 6.3 | 6.3 | 6.3 | 6.3 | 6.0 | 6.3 | 5.7 | 6.3 | 6.0 | 6.0 | 6.2 |
| KINGDOM (DB1) | 8.0 | 6.3 | 5.3 | 6.7 | 7.0 | 6.0 | 5.7 | 6.0 | 6.0 | 6.7 | 6.7 | 6.0 | 6.0 | 6.3 | 6.0 | 6.3 | 6.3 | 6.2 |
| MERIDIAN (PST-5GRB) | 7.3 | 5.7 | 5.3 | 6.7 | 6.3 | 6.3 | 7.0 | 6.3 | 6.7 | 6.3 | 6.0 | 6.0 | 6.0 | 5.7 | 5.7 | 6.0 | 6.0 | 6.2 |
| PPG-TF-115 | 7.7 | 6.3 | 5.3 | 7.0 | 7.0 | 6.0 | 6.7 | 6.3 | 6.3 | 6.0 | 6.3 | 6.3 | 6.0 | 6.3 | 5.7 | 6.0 | 6.0 | 6.2 |
| PPG-TF-172 | 7.7 | 6.0 | 6.0 | 7.0 | 7.3 | 6.0 | 6.3 | 6.3 | 6.3 | 6.0 | 6.0 | 5.7 | 6.3 | 6.0 | 6.3 | 6.3 | 6.3 | 6.2 |
| RAPTOR III (ZW 44) | 8.0 | 5.7 | 5.0 | 5.7 | 6.7 | 6.3 | 6.7 | 6.3 | 6.0 | 5.7 | 5.7 | 6.0 | 6.0 | 6.3 | 6.3 | 6.3 | 6.3 | 6.2 |
| TRAVERSE 2 SRP (W45) | 7.3 | 5.3 | 5.7 | 6.0 | 7.7 | 6.3 | 7.0 | 6.3 | 6.0 | 5.7 | 5.7 | 5.7 | 6.3 | 6.0 | 6.3 | 6.3 | 6.3 | 6.2 |
| ARES (PPG-TF-142) | 8.0 | 5.7 | 4.7 | 5.7 | 6.7 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 5.7 | 6.0 | 6.0 | 6.3 | 6.3 | 6.3 | 6.3 | 6.1 |
| ATF 1736 | 7.3 | 5.3 | 4.7 | 6.3 | 6.7 | 6.3 | 6.7 | 6.3 | 6.3 | 5.7 | 5.0 | 6.0 | 5.7 | 5.7 | 6.7 | 6.7 | 6.7 | 6.1 |
| BULLSEYE | 7.3 | 6.0 | 5.7 | 6.3 | 7.0 | 6.0 | 7.0 | 6.3 | 6.0 | 6.0 | 5.7 | 5.7 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.1 |
| IS-TF 269 SEL | 7.7 | 5.3 | 5.7 | 6.3 | 7.0 | 6.0 | 6.3 | 6.0 | 6.0 | 6.0 | 5.7 | 5.7 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.1 |
| MICHELANGELO (LTP-F5DPDR) | 7.7 | 6.0 | 5.3 | 6.0 | 7.3 | 6.0 | 6.0 | 5.7 | 6.0 | 5.7 | 5.7 | 6.0 | 6.3 | 6.3 | 6.3 | 6.7 | 6.7 | 6.1 |
| PST-5EX2 | 7.7 | 5.3 | 4.3 | 5.7 | 7.3 | 6.0 | 6.7 | 6.3 | 6.0 | 5.7 | 6.0 | 6.0 | 6.3 | 6.0 | 6.0 | 6.0 | 6.3 | 6.1 |
| RHAMBLER 2 SRP (LSD) | 7.3 | 6.0 | 6.0 | 5.7 | 7.0 | 6.3 | 5.7 | 5.7 | 6.0 | 5.7 | 5.7 | 5.7 | 6.0 | 6.3 | 6.3 | 6.7 | 6.7 | 6.1 |
| WARHAWK | 7.7 | 6.3 | 4.7 | 5.3 | 7.0 | 6.0 | 6.3 | 6.0 | 6.0 | 6.3 | 6.0 | 6.3 | 5.7 | 6.3 | 5.7 | 6.3 | 6.3 | 6.1 |
| AVENGER II (PPG-TF-156) | 7.3 | 5.0 | 6.3 | 5.7 | 7.3 | 6.0 | 6.7 | 6.0 | 6.0 | 5.7 | 5.7 | 6.0 | 6.3 | 6.0 | 6.3 | 6.0 | 6.3 | 6.0 |
| BAR FA 121095 | 7.7 | 6.3 | 5.0 | 6.7 | 7.0 | 6.3 | 6.0 | 6.0 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 6.3 | 6.0 | 6.3 | 6.3 | 6.0 |
| FESNOVA | 8.0 | 6.0 | 5.0 | 6.7 | 7.0 | 6.3 | 6.0 | 6.0 | 6.0 | 5.7 | 5.7 | 5.7 | 6.0 | 6.3 | 6.0 | 6.3 | 6.0 | 6.0 |
| UNITUS (IS-TF 289) | 8.0 | 5.3 | 4.3 | 5.7 | 6.7 | 6.0 | 6.0 | 6.0 | 5.7 | 5.7 | 5.3 | 5.7 | 6.0 | 6.3 | 6.3 | 6.7 | 6.7 | 6.0 |
| JS 809 | 8.0 | 6.3 | 5.7 | 6.3 | 7.0 | 6.0 | 6.3 | 5.7 | 6.0 | 5.7 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 |
| K12-13 | 8.0 | 5.0 | 6.0 | 6.3 | 7.0 | 6.3 | 6.3 | 6.0 | 6.0 | 5.7 | 5.3 | 5.7 | 6.0 | 6.0 | 6.3 | 6.3 | 6.3 | 6.0 |
| MARAUDER | 7.7 | 5.7 | 5.7 | 6.0 | 7.0 | 6.0 | 5.7 | 6.0 | 5.7 | 5.7 | 6.0 | 6.0 | 6.0 | 6.3 | 6.3 | 6.3 | 6.3 | 6.0 |
| PPG-TF-138 | 8.0 | 5.7 | 5.0 | 6.3 | 7.0 | 6.0 | 6.3 | 6.0 | 6.0 | 6.0 | 5.7 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 |
| PSG-8BP2 | 8.0 | 5.3 | 4.7 | 6.0 | 6.7 | 6.3 | 6.7 | 6.3 | 6.0 | 6.0 | 5.3 | 5.7 | 5.7 | 6.0 | 6.0 | 6.0 | 6.3 | 6.0 |
| PST-5MVD | 8.0 | 5.7 | 5.0 | 5.7 | 6.7 | 6.3 | 5.7 | 5.7 | 6.0 | 6.0 | 6.0 | 6.0 | 6.3 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 |
| TURFWAY (IS-TF 282 M2) | 8.0 | 6.0 | 5.3 | 6.0 | 6.7 | 6.0 | 6.0 | 5.7 | 6.0 | 5.7 | 5.7 | 6.0 | 5.7 | 6.3 | 6.0 | 6.3 | 6.3 | 6.0 |

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|--------------------------|------------------|-------------------|-----------------|-------------------|-----------------|-----------------|------|------|-----|------|------|------|------|------|------|------|------|------|
| | | | | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| AQUADUCT | 8.0 | 5.0 | 4.7 | 5.0 | 7.0 | 6.0 | 6.3 | 6.0 | 6.0 | 5.3 | 5.3 | 5.3 | 6.0 | 5.7 | 6.3 | 6.0 | 6.0 | 5.9 |
| ATF 1754 | 7.7 | 5.3 | 5.7 | 6.3 | 7.3 | 6.0 | 7.0 | 6.0 | 6.3 | 6.0 | 5.7 | 5.3 | 6.0 | 5.7 | 6.0 | 5.7 | 5.7 | 5.9 |
| BAR FA 121091 | 8.0 | 5.7 | 5.0 | 6.0 | 6.3 | 6.0 | 6.0 | 6.0 | 5.7 | 5.7 | 5.7 | 5.7 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 5.9 |
| MEMPHIS (GO-DFR) | 8.0 | 6.3 | 5.3 | 6.0 | 7.3 | 6.0 | 6.3 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 5.7 | 6.0 | 5.7 | 5.7 | 5.7 | 5.9 |
| HOUNDG8 (IS-TF 307 SEL) | 7.7 | 5.0 | 6.0 | 6.7 | 6.7 | 6.0 | 6.3 | 6.0 | 6.0 | 5.7 | 5.7 | 5.7 | 5.7 | 6.3 | 6.0 | 6.0 | 6.0 | 5.9 |
| PSG-GSD | 8.0 | 5.7 | 5.7 | 6.0 | 7.0 | 6.0 | 6.7 | 6.3 | 6.0 | 5.7 | 5.0 | 5.7 | 6.0 | 5.7 | 5.7 | 6.0 | 6.0 | 5.9 |
| PST-5BPO | 7.7 | 6.3 | 4.7 | 6.0 | 7.3 | 6.0 | 6.0 | 6.0 | 5.7 | 5.7 | 5.7 | 6.0 | 5.7 | 6.0 | 5.7 | 6.0 | 6.0 | 5.9 |
| PST-5DZP | 7.7 | 5.3 | 5.3 | 6.7 | 7.0 | 6.0 | 6.3 | 6.0 | 5.7 | 5.7 | 5.3 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 5.9 |
| CAESAR (TY 10) | 7.7 | 5.7 | 5.0 | 6.0 | 7.0 | 5.7 | 6.0 | 5.7 | 5.7 | 5.7 | 5.0 | 5.7 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 5.8 |
| COMP. RES. SST | 7.3 | 5.3 | 6.7 | 6.7 | 7.0 | 5.7 | 6.0 | 6.0 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 6.0 | 5.8 |
| FOXHOUND (IS-TF 284 M2) | 7.7 | 6.3 | 5.3 | 6.7 | 6.7 | 5.7 | 6.0 | 5.7 | 6.0 | 5.3 | 5.3 | 5.7 | 5.3 | 6.0 | 6.0 | 6.0 | 6.0 | 5.8 |
| INSPIRATION (PST-R5NW) | 8.0 | 5.7 | 4.3 | 6.3 | 6.3 | 6.0 | 6.0 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 6.0 | 5.7 | 6.0 | 6.0 | 6.0 | 5.8 |
| IS-TF 308 SEL | 8.0 | 5.7 | 5.3 | 7.0 | 7.0 | 6.0 | 6.3 | 6.0 | 5.7 | 5.3 | 5.3 | 5.7 | 5.7 | 6.0 | 6.0 | 6.0 | 6.0 | 5.8 |
| PSG-TT4 | 8.0 | 6.3 | 4.7 | 5.0 | 6.7 | 5.7 | 6.3 | 6.0 | 5.3 | 5.7 | 5.0 | 5.0 | 5.7 | 6.0 | 6.3 | 6.3 | 6.3 | 5.8 |
| RAD-TF-83 | 8.0 | 5.3 | 4.7 | 5.7 | 7.3 | 5.7 | 5.7 | 5.7 | 5.7 | 5.3 | 5.3 | 5.3 | 5.3 | 6.0 | 5.7 | 5.7 | 5.7 | 5.6 |
| RAIN DANCE (PST-5SDT) | 7.3 | 5.3 | 4.7 | 6.0 | 6.7 | 5.7 | 5.3 | 5.7 | 5.7 | 5.7 | 5.3 | 5.3 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.6 |
| SALTILLO (PST-5SALT) | 7.0 | 6.0 | 4.3 | 6.7 | 7.0 | 5.3 | 5.7 | 5.3 | 5.7 | 6.0 | 6.0 | 6.0 | 5.7 | 5.7 | 5.3 | 5.3 | 5.3 | 5.6 |
| SWAGGER (PST-5R05) | 7.7 | 5.7 | 4.7 | 6.0 | 6.3 | 5.7 | 5.7 | 5.7 | 5.7 | 5.0 | 5.0 | 5.0 | 6.0 | 5.3 | 6.0 | 6.0 | 6.0 | 5.6 |
| BAR FA 121089 | 8.0 | 5.0 | 4.7 | 5.7 | 6.3 | 5.3 | 5.3 | 5.7 | 5.7 | 5.3 | 5.7 | 5.3 | 5.7 | 5.3 | 5.7 | 5.3 | 5.3 | 5.5 |
| NIGHTCRAWLER (IS-TF 285) | 8.0 | 6.3 | 4.7 | 6.3 | 7.0 | 5.3 | 5.7 | 5.3 | 5.7 | 5.3 | 5.0 | 6.0 | 5.3 | 6.0 | 5.3 | 5.7 | 5.7 | 5.5 |
| FRONTLINE (EXP TF-09) | 8.0 | 5.7 | 5.3 | 5.7 | 7.0 | 6.0 | 6.0 | 5.7 | 6.0 | 5.3 | 4.7 | 5.0 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.4 |
| TEMPTATION (OR-21) | 8.0 | 5.0 | 4.7 | 6.3 | 6.7 | 5.7 | 6.0 | 5.7 | 5.7 | 5.0 | 4.3 | 4.7 | 5.0 | 5.3 | 5.7 | 5.7 | 5.7 | 5.4 |
| JS 825 | 7.7 | 5.7 | 3.7 | 4.7 | 6.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.0 | 5.0 | 5.0 | 5.3 | 5.0 | 5.3 | 5.0 | 5.3 | 5.3 |
| PST-5BRK | 7.7 | 5.7 | 4.7 | 5.0 | 6.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.0 | 4.7 | 5.0 | 5.0 | 5.0 | 5.3 | 5.3 | 5.3 | 5.2 |
| BAR FA 120878 | 8.0 | 6.7 | 3.7 | 5.3 | 5.7 | 5.0 | 5.0 | 5.0 | 5.3 | 4.7 | 4.3 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.8 |
| KY-31 | 5.7 | 6.0 | 2.0 | 3.0 | 5.0 | 3.7 | 3.3 | 3.7 | 3.7 | 3.7 | 3.0 | 3.3 | 3.3 | 3.7 | 4.0 | 3.7 | 3.7 | 3.6 |
| LSD VALUE | 0.9 | 2.2 | 1.0 | 1.4 | 1.7 | 1.4 | 1.6 | 1.3 | 1.1 | 1.3 | 1.6 | 1.2 | 1.2 | 1.2 | 1.5 | 1.8 | 1.9 | 0.9 |
| C.V. (%) | 5.4 | 13.1 | 11.3 | 11.5 | 9.3 | 10.5 | 12.3 | 10.3 | 9.3 | 10.8 | 13.5 | 10.9 | 10.1 | 10.2 | 11.1 | 12.9 | 13.0 | 8.2 |

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

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

TABLE 2.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT STORRS, CT 1/
2015 DATA

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

| NAME | QUALITY RATINGS | | | | | | | | | |
|------------------------------|------------------|-------------------|-----------------|-----|-----|-----|-----|-----|-----|------|
| | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | MAY | JUN | JUL | AUG | SEP | OCT | MEAN |
| B23 | 7.7 | 5.0 | 6.3 | 6.3 | 7.0 | 7.0 | 6.3 | 7.7 | 8.0 | 7.1 |
| PPG-TF-135 | 6.7 | 4.3 | 6.3 | 6.3 | 7.0 | 7.0 | 6.3 | 7.7 | 8.0 | 7.1 |
| 'COMMANDER (PPG-TF-170) | 7.3 | 5.0 | 6.3 | 5.7 | 7.0 | 7.3 | 7.0 | 7.3 | 8.0 | 7.1 |
| TITANIUM 2LS (PPG-TF-152) | 7.0 | 5.3 | 7.0 | 6.3 | 7.3 | 7.3 | 7.0 | 7.0 | 7.7 | 7.1 |
| RHIZING MOON (IS-TF 305 SEL) | 7.7 | 4.3 | 7.0 | 7.0 | 8.0 | 6.7 | 6.0 | 7.0 | 7.3 | 7.0 |
| REBOUNDER (PICK-W43) | 7.3 | 5.7 | 6.7 | 6.3 | 7.7 | 6.3 | 6.0 | 8.0 | 7.7 | 7.0 |
| IS-TF 311 | 7.0 | 4.7 | 7.0 | 5.7 | 7.3 | 7.7 | 6.0 | 7.0 | 7.7 | 6.9 |
| ARES (PPG-TF-142) | 8.7 | 5.0 | 6.3 | 7.0 | 7.0 | 7.3 | 5.3 | 6.7 | 7.3 | 6.8 |
| FAYETTE (IS-TF 291) | 7.7 | 5.3 | 7.0 | 6.0 | 7.3 | 6.7 | 6.3 | 7.0 | 7.7 | 6.8 |
| NIGHTCRAWLER (IS-TF 285) | 8.0 | 5.0 | 7.3 | 6.7 | 7.3 | 7.3 | 6.0 | 6.7 | 7.0 | 6.8 |
| CROSSFIRE 4 (IS-TF 310 SEL) | 8.0 | 4.0 | 7.3 | 6.0 | 7.3 | 6.3 | 5.7 | 7.0 | 8.3 | 6.8 |
| MAESTRO (T31) | 6.7 | 5.3 | 6.7 | 6.3 | 7.0 | 6.7 | 6.7 | 7.0 | 7.0 | 6.8 |
| PSG-PO1 | 7.0 | 4.7 | 6.7 | 6.3 | 6.3 | 7.0 | 6.3 | 7.3 | 7.7 | 6.8 |
| REFLECTION (U45) | 7.7 | 4.7 | 6.0 | 6.3 | 7.0 | 6.7 | 6.0 | 7.7 | 7.3 | 6.8 |
| W41 | 7.3 | 5.0 | 6.7 | 6.0 | 7.0 | 7.3 | 5.7 | 7.3 | 7.3 | 6.8 |
| 4TH MILLENNIUM SRP (U43) | 7.3 | 5.3 | 6.3 | 5.3 | 6.3 | 6.3 | 6.3 | 8.3 | 7.7 | 6.7 |
| AVENGER II (PPG-TF-156) | 7.0 | 4.7 | 6.7 | 5.3 | 6.3 | 7.0 | 6.0 | 7.7 | 7.7 | 6.7 |
| FIRECRACKER SLS (PPG-TF-105) | 7.3 | 4.7 | 7.0 | 5.3 | 7.3 | 7.0 | 6.3 | 7.3 | 7.0 | 6.7 |
| MET 1 | 6.0 | 5.7 | 6.7 | 5.7 | 6.3 | 7.0 | 6.0 | 7.7 | 7.3 | 6.7 |
| WICHITA (PPG-TF-151) | 7.0 | 4.7 | 6.3 | 6.3 | 7.3 | 6.7 | 6.0 | 6.7 | 7.0 | 6.7 |
| THOR (PPG-TF-157) | 7.7 | 4.7 | 7.0 | 5.7 | 7.3 | 7.0 | 6.0 | 6.3 | 8.0 | 6.7 |
| BLACK TAIL (PPG-TF-150) | 7.0 | 4.3 | 6.7 | 6.3 | 6.7 | 6.3 | 5.7 | 7.0 | 7.7 | 6.6 |
| F711 | 7.3 | 4.7 | 6.0 | 6.0 | 6.7 | 6.0 | 6.0 | 6.7 | 8.0 | 6.6 |
| FESNOVA | 6.7 | 4.7 | 6.0 | 6.0 | 7.0 | 6.7 | 5.3 | 6.7 | 7.7 | 6.6 |
| FIREWALL (PSG-WE1) | 7.0 | 5.3 | 6.7 | 6.0 | 6.3 | 7.0 | 6.0 | 7.7 | 6.7 | 6.6 |
| HEMI | 6.7 | 4.3 | 6.7 | 5.7 | 6.7 | 6.7 | 6.3 | 6.7 | 7.3 | 6.6 |
| HOUNDOG8 (IS-TF 307 SEL) | 7.7 | 5.0 | 7.0 | 5.7 | 7.0 | 6.7 | 6.0 | 6.3 | 7.7 | 6.6 |
| MICHELANGELO (LTP-F5DPDR) | 7.3 | 5.3 | 6.3 | 6.0 | 6.7 | 5.7 | 6.3 | 7.3 | 7.3 | 6.6 |
| RAPTOR III (ZW 44) | 6.0 | 3.7 | 7.0 | 6.0 | 6.7 | 6.3 | 6.0 | 7.3 | 7.0 | 6.6 |
| REGENERATE | 7.0 | 5.0 | 7.0 | 6.0 | 6.3 | 6.7 | 5.7 | 7.3 | 7.7 | 6.6 |
| ROCKWELL (LTP-TWUU) | 6.3 | 5.3 | 6.3 | 6.0 | 6.7 | 6.3 | 6.0 | 7.0 | 7.7 | 6.6 |
| UNITUS (IS-TF 289) | 8.0 | 4.7 | 6.7 | 6.0 | 7.0 | 7.0 | 5.7 | 7.0 | 6.3 | 6.5 |
| BIZEM | 7.0 | 4.0 | 6.7 | 5.7 | 6.0 | 6.3 | 6.3 | 7.3 | 6.7 | 6.4 |
| AMITY (CCR2) | 7.3 | 5.3 | 6.3 | 5.3 | 6.3 | 6.3 | 5.7 | 7.0 | 7.7 | 6.4 |
| DIABLO (IS-TF 330) | 7.7 | 4.7 | 6.3 | 6.3 | 7.3 | 6.3 | 5.7 | 6.0 | 7.0 | 6.4 |
| FAITH | 7.3 | 5.0 | 5.7 | 5.3 | 7.0 | 7.0 | 5.7 | 6.0 | 7.3 | 6.4 |
| FALCON IV | 6.3 | 5.0 | 6.0 | 6.3 | 6.7 | 6.7 | 5.7 | 6.7 | 6.7 | 6.4 |
| FOXHOUND (IS-TF 284 M2) | 8.0 | 4.3 | 7.0 | 5.7 | 6.7 | 6.7 | 5.3 | 6.3 | 7.7 | 6.4 |
| GTO (BURL TF-2) | 5.7 | 5.7 | 6.3 | 5.7 | 6.0 | 5.7 | 6.3 | 7.3 | 7.3 | 6.4 |
| K12-MCD | 7.0 | 5.0 | 6.3 | 5.3 | 5.7 | 7.0 | 5.7 | 7.0 | 8.0 | 6.4 |
| PARAMOUNT (PPG-TF-137) | 7.0 | 5.7 | 6.3 | 6.0 | 6.3 | 6.3 | 5.7 | 7.3 | 7.0 | 6.4 |
| PST-5BRK | 6.7 | 5.0 | 5.3 | 6.0 | 6.0 | 6.3 | 5.7 | 7.0 | 7.3 | 6.4 |
| TECHNIQUE (RZ2) | 6.0 | 5.0 | 7.0 | 5.7 | 6.7 | 6.7 | 6.0 | 6.7 | 6.7 | 6.4 |
| CATALYST | 6.0 | 5.7 | 6.7 | 5.7 | 6.3 | 6.3 | 6.0 | 6.3 | 7.0 | 6.3 |
| FIREBIRD 2 | 7.0 | 4.7 | 6.7 | 5.3 | 7.0 | 6.3 | 5.3 | 6.3 | 7.3 | 6.3 |

TABLE 2.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT STORRS, CT 1/
2015 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | MAY | JUN | QUALITY RATINGS | | | | MEAN |
|--------------------------|------------------|-------------------|-----------------|-----|-----|-----------------|-----|-----|-----|------|
| | | | | | | JUL | AUG | SEP | OCT | |
| IS-TF 308 SEL | 6.7 | 4.3 | 6.3 | 5.0 | 6.7 | 6.7 | 5.7 | 6.7 | 7.0 | 6.3 |
| IS-TF-287 | 7.0 | 5.0 | 7.0 | 6.0 | 7.0 | 5.7 | 5.7 | 6.3 | 7.0 | 6.3 |
| KINGDOM (DB1) | 7.7 | 3.7 | 6.3 | 6.3 | 7.3 | 5.7 | 4.7 | 6.7 | 7.3 | 6.3 |
| BLOODHOUND (MET 6 SEL) | 6.3 | 4.3 | 5.7 | 5.7 | 6.3 | 6.3 | 6.0 | 6.7 | 7.0 | 6.3 |
| MET-3 | 6.7 | 5.0 | 7.0 | 5.7 | 7.0 | 6.0 | 5.7 | 6.3 | 7.3 | 6.3 |
| PPG-TF-115 | 7.7 | 4.3 | 5.7 | 5.7 | 6.3 | 6.7 | 6.0 | 6.0 | 7.0 | 6.3 |
| PPG-TF-138 | 7.0 | 5.3 | 6.3 | 6.0 | 6.7 | 6.3 | 5.3 | 6.3 | 7.0 | 6.3 |
| RHAMBLER 2 SRP (LSD) | 6.3 | 4.0 | 6.3 | 5.0 | 6.7 | 6.0 | 6.0 | 7.0 | 7.0 | 6.3 |
| SCREAMER LS (PPG-TF-148) | 6.3 | 5.0 | 6.7 | 5.3 | 6.3 | 6.3 | 6.0 | 7.3 | 6.7 | 6.3 |
| THUNDERSTRUCK (TD1) | 7.7 | 3.7 | 7.0 | 5.7 | 7.7 | 6.7 | 5.0 | 5.7 | 7.0 | 6.3 |
| ATF 1612 | 6.7 | 5.3 | 6.0 | 5.3 | 6.3 | 6.0 | 5.3 | 7.0 | 7.0 | 6.2 |
| ATF 1704 | 6.0 | 5.0 | 5.7 | 5.3 | 5.3 | 7.0 | 6.3 | 6.3 | 6.7 | 6.2 |
| GRANDE 3 | 7.3 | 4.7 | 6.0 | 5.0 | 6.3 | 6.0 | 6.0 | 6.7 | 7.3 | 6.2 |
| HOVER (BURL TF-69) | 7.3 | 3.7 | 7.0 | 5.7 | 6.7 | 5.7 | 5.0 | 6.3 | 7.7 | 6.2 |
| IS-TF 269 SEL | 7.3 | 4.7 | 6.3 | 6.0 | 6.7 | 6.0 | 6.0 | 5.7 | 6.7 | 6.2 |
| LEONARDO (LTP-FSD) | 6.7 | 4.0 | 6.0 | 5.7 | 6.0 | 6.0 | 6.3 | 6.3 | 6.7 | 6.2 |
| ROWDY (SRX-TPC) | 6.7 | 4.3 | 6.7 | 5.3 | 6.7 | 6.7 | 5.3 | 6.3 | 6.7 | 6.2 |
| BULLSEYE | 7.3 | 5.3 | 6.0 | 5.7 | 6.0 | 6.3 | 5.7 | 6.3 | 6.7 | 6.1 |
| EMBRACE (PST-5EV2) | 7.0 | 4.7 | 5.7 | 5.7 | 6.0 | 6.0 | 5.7 | 6.3 | 7.0 | 6.1 |
| FALCON V | 5.7 | 4.7 | 7.0 | 5.3 | 6.7 | 5.7 | 5.3 | 6.3 | 7.3 | 6.1 |
| HOT ROD (BURL TF-136) | 6.3 | 5.3 | 7.0 | 5.7 | 6.0 | 5.3 | 5.3 | 6.7 | 7.3 | 6.1 |
| PPG-TF-169 | 6.0 | 5.3 | 6.3 | 5.3 | 6.0 | 6.0 | 5.3 | 7.3 | 6.7 | 6.1 |
| PPG-TF-172 | 6.7 | 4.3 | 6.3 | 5.7 | 6.3 | 5.7 | 5.0 | 6.7 | 7.3 | 6.1 |
| PST-5MVD | 6.0 | 4.7 | 6.0 | 5.3 | 6.0 | 6.7 | 5.3 | 6.3 | 7.0 | 6.1 |
| OLYMPUS (RAD-TF-88) | 7.7 | 3.3 | 7.0 | 4.7 | 7.0 | 6.3 | 5.0 | 6.3 | 7.0 | 6.1 |
| TRAVERSE 2 SRP (W45) | 6.7 | 4.7 | 7.3 | 5.7 | 6.0 | 5.7 | 5.3 | 6.7 | 7.3 | 6.1 |
| TURFWAY (IS-TF 282 M2) | 7.3 | 5.0 | 6.3 | 6.0 | 6.3 | 6.0 | 5.7 | 6.0 | 6.3 | 6.1 |
| PSG-TT4 | 7.0 | 5.0 | 5.3 | 5.3 | 6.0 | 5.3 | 5.7 | 6.7 | 7.0 | 6.0 |
| PST-5BP0 | 5.7 | 5.0 | 5.7 | 5.7 | 6.0 | 6.0 | 5.3 | 6.3 | 6.7 | 6.0 |
| CAESAR (TY 10) | 7.7 | 6.3 | 6.3 | 6.0 | 6.3 | 6.3 | 5.0 | 5.7 | 6.0 | 5.9 |
| DYNAMITE LS (PPG-TF-145) | 7.3 | 4.7 | 6.0 | 5.3 | 6.3 | 5.7 | 5.0 | 6.3 | 6.7 | 5.9 |
| IS-TF 276 M2 | 6.7 | 5.3 | 5.7 | 5.0 | 6.7 | 6.3 | 4.7 | 6.7 | 6.3 | 5.9 |
| PSG-8BP2 | 7.0 | 5.3 | 5.7 | 5.3 | 6.0 | 6.7 | 5.7 | 6.0 | 6.0 | 5.9 |
| PSG-GSD | 6.7 | 5.0 | 5.0 | 5.7 | 6.0 | 6.0 | 5.7 | 6.0 | 6.3 | 5.9 |
| PST-5EX2 | 5.0 | 4.3 | 5.0 | 5.0 | 5.7 | 6.0 | 6.0 | 6.3 | 6.7 | 5.9 |
| SALTILLO (PST-5SALT) | 6.3 | 4.7 | 6.3 | 5.7 | 6.0 | 6.0 | 5.3 | 6.3 | 6.3 | 5.9 |
| ATF 1736 | 6.3 | 5.7 | 6.0 | 5.3 | 6.3 | 5.0 | 5.3 | 6.3 | 6.7 | 5.8 |
| MEMPHIS (GO-DFR) | 7.7 | 4.7 | 6.0 | 5.3 | 7.0 | 6.0 | 5.0 | 5.3 | 6.3 | 5.8 |
| IS-TF 272 | 8.0 | 3.7 | 7.3 | 5.0 | 6.0 | 5.0 | 5.3 | 6.3 | 7.3 | 5.8 |
| JS 818 | 7.7 | 5.3 | 7.0 | 6.0 | 6.3 | 6.0 | 5.0 | 5.7 | 6.0 | 5.8 |
| JS 916 | 7.3 | 4.7 | 6.3 | 5.0 | 5.3 | 5.3 | 5.3 | 6.3 | 7.3 | 5.8 |
| K12-05 | 7.7 | 3.7 | 6.7 | 5.3 | 7.0 | 6.0 | 5.0 | 5.0 | 6.7 | 5.8 |
| PST-5DZP | 7.0 | 5.0 | 6.3 | 5.3 | 5.7 | 5.7 | 5.0 | 6.7 | 6.3 | 5.8 |
| RAIN DANCE (PST-5SDT) | 6.0 | 4.3 | 5.7 | 5.0 | 5.0 | 7.0 | 5.3 | 5.7 | 6.7 | 5.8 |
| SWAGGER (PST-5R05) | 7.0 | 5.0 | 5.7 | 5.3 | 5.7 | 5.7 | 5.7 | 6.0 | 6.7 | 5.8 |

TABLE 2.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT STORRS, CT 1/
2015 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | MAY | JUN | QUALITY JUL | RATINGS AUG | SEP | OCT | MEAN |
|------------------------|------------------|-------------------|-----------------|------|------|----------------|----------------|------|-----|------|
| TEMPLE (DZ1) | 7.3 | 3.7 | 6.0 | 5.0 | 6.0 | 6.0 | 5.0 | 6.3 | 6.3 | 5.8 |
| ATF 1754 | 5.3 | 3.7 | 5.3 | 5.0 | 5.7 | 5.3 | 5.3 | 6.0 | 6.7 | 5.7 |
| TERRANO | 7.3 | 4.3 | 6.0 | 5.3 | 5.7 | 6.0 | 5.3 | 5.3 | 6.3 | 5.7 |
| XTENDER (PPG-TF-139) | 6.3 | 3.7 | 6.3 | 5.0 | 6.3 | 5.0 | 5.0 | 6.0 | 7.0 | 5.7 |
| ANNIHILATOR | 6.7 | 5.0 | 7.3 | 5.7 | 5.7 | 5.3 | 4.3 | 5.7 | 7.0 | 5.6 |
| JS 819 | 7.0 | 4.0 | 6.0 | 5.3 | 5.7 | 5.7 | 5.0 | 5.3 | 6.3 | 5.6 |
| RAD-TF-83 | 7.7 | 4.7 | 7.0 | 4.7 | 6.0 | 4.7 | 5.0 | 6.0 | 7.0 | 5.6 |
| TEMPTATION (OR-21) | 8.3 | 4.3 | 6.0 | 5.3 | 6.3 | 5.7 | 5.0 | 5.3 | 6.0 | 5.6 |
| BAR FA 121095 | 7.7 | 2.7 | 6.0 | 5.0 | 6.7 | 5.3 | 5.0 | 5.0 | 6.0 | 5.5 |
| INSPIRATION (PST-R5NW) | 6.3 | 4.7 | 5.0 | 5.3 | 5.3 | 5.3 | 5.0 | 6.3 | 5.7 | 5.5 |
| RAD-TF-89 | 8.0 | 3.3 | 6.0 | 4.3 | 5.3 | 5.7 | 5.0 | 6.0 | 6.7 | 5.5 |
| 204 RES. BLK4 | 5.3 | 4.0 | 7.3 | 5.0 | 6.0 | 4.0 | 4.7 | 6.0 | 6.7 | 5.4 |
| BAR FA 121089 | 6.7 | 4.0 | 6.0 | 5.3 | 5.7 | 6.0 | 5.0 | 5.3 | 5.3 | 5.4 |
| BAR FA 121091 | 8.0 | 4.3 | 5.7 | 6.0 | 5.7 | 4.3 | 4.0 | 6.0 | 6.3 | 5.4 |
| MERIDIAN (PST-5GRB) | 5.7 | 5.3 | 7.0 | 5.0 | 5.7 | 5.0 | 5.0 | 5.7 | 6.3 | 5.4 |
| JS 809 | 6.7 | 4.7 | 6.7 | 5.3 | 5.7 | 5.3 | 4.7 | 5.0 | 5.7 | 5.3 |
| RAD-TF-92 | 7.3 | 3.0 | 6.7 | 4.7 | 5.7 | 5.3 | 4.7 | 5.3 | 6.3 | 5.3 |
| AQUADUCT | 6.0 | 5.3 | 6.0 | 4.7 | 5.0 | 5.7 | 4.7 | 4.7 | 6.3 | 5.2 |
| COMP. RES. SST | 6.0 | 3.7 | 7.0 | 4.7 | 6.0 | 4.7 | 3.7 | 5.7 | 6.3 | 5.2 |
| FRONTLINE (EXP TF-09) | 7.0 | 5.7 | 5.7 | 5.3 | 6.3 | 4.7 | 4.7 | 4.7 | 5.3 | 5.2 |
| JS 825 | 6.7 | 4.0 | 6.0 | 4.7 | 6.0 | 6.0 | 4.7 | 5.0 | 5.0 | 5.2 |
| WARHAWK | 7.0 | 4.7 | 7.0 | 6.0 | 5.7 | 4.3 | 4.3 | 5.3 | 5.7 | 5.2 |
| K12-13 | 7.3 | 2.7 | 7.3 | 4.7 | 6.3 | 5.3 | 4.0 | 4.3 | 5.3 | 5.0 |
| MARAUDER | 6.0 | 4.0 | 7.0 | 5.3 | 5.7 | 4.0 | 4.0 | 5.7 | 5.3 | 5.0 |
| BAR FA 120878 | 4.7 | 5.0 | 4.0 | 4.3 | 4.0 | 5.3 | 5.0 | 5.0 | 5.3 | 4.8 |
| KY-31 | 3.0 | 5.7 | 2.0 | 2.0 | 2.7 | 2.0 | 3.0 | 3.3 | 4.0 | 2.8 |
| LSD VALUE | 1.2 | 1.6 | 0.9 | 1.4 | 1.4 | 1.5 | 1.3 | 1.4 | 1.1 | 0.7 |
| C.V. (%) | 10.3 | 17.4 | 9.2 | 12.8 | 12.3 | 14.0 | 13.2 | 12.5 | 9.9 | 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 3.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT GRIFFIN, GA 1/
2015 DATA

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

| NAME | GENETIC COLOR | QUALITY RATINGS | | | | | | | | | | | | MEAN |
|------------------------------|------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| GTO (BURL TF-2) | 5.7 | 5.3 | 5.0 | 5.7 | 5.7 | 6.0 | 6.3 | 6.0 | 6.0 | 6.7 | 7.0 | 6.7 | 6.7 | 6.1 |
| TITANIUM 2LS (PPG-TF-152) | 6.3 | 5.0 | 5.7 | 5.7 | 6.0 | 6.3 | 6.3 | 6.3 | 6.3 | 5.7 | 6.0 | 6.7 | 7.0 | 6.1 |
| ATF 1704 | 5.7 | 5.7 | 5.7 | 5.3 | 5.7 | 6.0 | 5.7 | 6.0 | 6.0 | 5.7 | 6.3 | 6.7 | 6.7 | 5.9 |
| EMBRACE (PST-5EV2) | 5.7 | 4.7 | 5.3 | 6.0 | 6.0 | 5.7 | 6.0 | 6.0 | 5.3 | 6.3 | 5.7 | 6.7 | 6.7 | 5.9 |
| FIREBIRD 2 | 5.7 | 5.3 | 5.3 | 5.7 | 6.0 | 5.7 | 6.0 | 6.0 | 5.7 | 6.7 | 5.0 | 6.3 | 6.7 | 5.9 |
| MET 1 | 6.0 | 4.7 | 5.0 | 5.7 | 5.7 | 5.7 | 6.0 | 6.0 | 6.0 | 6.3 | 6.3 | 7.0 | 7.0 | 5.9 |
| 'COMMANDER (PPG-TF-170) | 6.0 | 5.3 | 5.3 | 5.7 | 5.7 | 5.7 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.3 | 6.7 | 5.9 |
| PST-5BPO | 6.3 | 5.3 | 5.3 | 5.7 | 6.3 | 6.0 | 6.0 | 5.7 | 5.7 | 5.3 | 6.3 | 6.3 | 6.3 | 5.9 |
| REFLECTION (U45) | 5.7 | 5.0 | 4.7 | 5.3 | 5.7 | 5.7 | 6.0 | 6.3 | 6.3 | 6.3 | 6.3 | 6.0 | 6.7 | 5.9 |
| AVENGER II (PPG-TF-156) | 6.0 | 5.0 | 5.0 | 5.3 | 5.7 | 5.7 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.3 | 6.7 | 5.8 |
| BIZEM | 6.0 | 5.0 | 4.7 | 5.3 | 5.7 | 6.3 | 6.0 | 6.3 | 6.0 | 5.3 | 5.3 | 6.3 | 6.7 | 5.8 |
| HEMI | 6.3 | 5.0 | 5.0 | 5.3 | 5.7 | 6.0 | 5.7 | 5.7 | 6.0 | 5.7 | 5.7 | 6.7 | 6.7 | 5.8 |
| RHIZING MOON (IS-TF 305 SEL) | 5.3 | 5.0 | 5.0 | 5.0 | 5.3 | 5.7 | 6.0 | 6.0 | 5.7 | 6.0 | 6.0 | 6.7 | 6.7 | 5.8 |
| IS-TF 308 SEL | 6.0 | 5.0 | 4.7 | 5.3 | 5.7 | 6.0 | 5.7 | 6.0 | 6.0 | 6.3 | 6.0 | 6.3 | 6.7 | 5.8 |
| WICHITA (PPG-TF-151) | 6.0 | 5.0 | 5.0 | 5.3 | 6.0 | 6.0 | 6.3 | 6.0 | 5.7 | 5.7 | 6.0 | 6.0 | 7.0 | 5.8 |
| PPG-TF-169 | 5.7 | 5.0 | 4.7 | 5.3 | 5.3 | 5.7 | 5.7 | 6.0 | 6.0 | 6.3 | 6.0 | 6.7 | 7.0 | 5.8 |
| PST-5BRK | 6.0 | 5.0 | 5.3 | 5.7 | 5.7 | 5.7 | 5.7 | 6.0 | 5.7 | 6.0 | 5.7 | 6.3 | 6.7 | 5.8 |
| PST-5EX2 | 5.7 | 5.0 | 5.0 | 5.7 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 5.7 | 6.0 | 6.0 | 5.8 |
| TURFWAY (IS-TF 282 M2) | 6.0 | 5.0 | 5.0 | 5.7 | 5.7 | 5.7 | 5.7 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.3 | 5.8 |
| XTENDER (PPG-TF-139) | 6.0 | 5.0 | 5.3 | 5.0 | 5.7 | 5.7 | 6.0 | 6.0 | 6.0 | 6.0 | 5.7 | 6.0 | 6.7 | 5.8 |
| UNITUS (IS-TF 289) | 6.0 | 4.3 | 4.7 | 5.3 | 5.7 | 6.0 | 6.0 | 6.0 | 5.7 | 6.3 | 6.0 | 6.3 | 6.3 | 5.7 |
| K12-05 | 6.0 | 5.0 | 5.0 | 5.3 | 5.3 | 6.0 | 5.3 | 5.3 | 5.3 | 5.7 | 6.0 | 6.7 | 7.0 | 5.7 |
| ATF 1754 | 5.3 | 5.0 | 5.0 | 5.0 | 5.7 | 5.7 | 5.7 | 6.0 | 5.3 | 5.7 | 5.3 | 6.0 | 6.7 | 5.6 |
| BAR FA 121095 | 6.0 | 4.0 | 4.3 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.3 | 5.3 | 5.7 | 6.7 | 7.0 | 5.6 |
| FAITH | 6.0 | 4.0 | 4.3 | 5.0 | 5.7 | 6.0 | 5.7 | 5.7 | 5.7 | 6.0 | 6.0 | 6.0 | 6.7 | 5.6 |
| CROSSFIRE 4 (IS-TF 310 SEL) | 5.7 | 5.0 | 4.7 | 5.3 | 6.0 | 5.7 | 5.7 | 5.7 | 5.3 | 5.3 | 5.3 | 6.3 | 6.3 | 5.6 |
| IS-TF 311 | 5.3 | 5.0 | 4.7 | 5.3 | 5.3 | 5.3 | 5.7 | 5.3 | 5.7 | 5.7 | 6.0 | 6.3 | 6.3 | 5.6 |
| MAESTRO (T31) | 5.0 | 4.0 | 4.7 | 5.0 | 5.3 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 5.7 | 6.0 | 6.7 | 5.6 |
| PST-5MVD | 5.3 | 4.7 | 5.0 | 5.0 | 5.3 | 5.7 | 5.7 | 6.0 | 5.7 | 5.7 | 6.0 | 6.0 | 6.0 | 5.6 |
| REGENERATE | 6.0 | 4.7 | 4.7 | 5.0 | 5.3 | 5.0 | 5.3 | 5.3 | 5.3 | 6.3 | 6.0 | 7.0 | 7.0 | 5.6 |
| TECHNIQUE (RZ2) | 6.0 | 4.3 | 4.3 | 4.7 | 5.3 | 6.0 | 5.3 | 5.7 | 5.7 | 6.0 | 6.3 | 6.7 | 7.0 | 5.6 |
| ATF 1612 | 5.3 | 4.7 | 3.7 | 5.3 | 5.7 | 5.7 | 5.3 | 6.0 | 5.7 | 6.0 | 5.7 | 6.3 | 6.3 | 5.5 |
| AMITY (CCR2) | 6.0 | 4.3 | 4.3 | 4.7 | 5.7 | 5.7 | 5.0 | 5.3 | 5.7 | 6.3 | 6.3 | 6.3 | 6.7 | 5.5 |
| K12-MCD | 6.0 | 4.7 | 4.7 | 5.0 | 5.7 | 5.7 | 5.3 | 5.3 | 6.0 | 5.7 | 5.7 | 6.3 | 6.3 | 5.5 |
| KINGDOM (DB1) | 6.0 | 4.0 | 4.0 | 4.7 | 5.7 | 5.7 | 5.3 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.3 | 5.5 |
| PPG-TF-135 | 6.0 | 5.3 | 4.7 | 5.3 | 5.7 | 5.3 | 5.7 | 6.0 | 6.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.5 |
| RAIN DANCE (PST-5SDT) | 6.0 | 4.7 | 4.3 | 5.7 | 5.7 | 5.3 | 5.7 | 6.0 | 5.3 | 5.7 | 5.3 | 6.0 | 6.3 | 5.5 |
| TRAVERSE 2 SRP (W45) | 6.0 | 4.7 | 4.7 | 5.0 | 5.3 | 5.7 | 5.0 | 5.0 | 5.7 | 6.0 | 5.7 | 6.7 | 6.7 | 5.5 |
| ARES (PPG-TF-142) | 6.3 | 4.3 | 4.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.0 | 5.7 | 5.7 | 6.0 | 6.3 | 6.0 | 5.4 |
| ATF 1736 | 5.7 | 4.3 | 4.3 | 5.0 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.3 | 5.7 | 6.3 | 6.0 | 5.4 |
| FAYETTE (IS-TF 291) | 6.0 | 4.0 | 4.0 | 5.0 | 5.7 | 5.3 | 5.7 | 5.7 | 5.7 | 6.0 | 6.0 | 6.0 | 6.0 | 5.4 |
| FOXHOUND (IS-TF 284 M2) | 6.0 | 5.3 | 4.7 | 5.3 | 5.3 | 6.0 | 5.7 | 5.3 | 5.3 | 5.0 | 5.0 | 5.7 | 6.0 | 5.4 |
| GRANDE 3 | 5.3 | 4.3 | 4.3 | 5.0 | 5.0 | 5.3 | 5.0 | 5.7 | 6.0 | 6.0 | 5.7 | 6.3 | 6.3 | 5.4 |
| IS-TF 276 M2 | 5.7 | 4.7 | 4.7 | 4.7 | 5.3 | 5.3 | 5.7 | 5.3 | 5.7 | 5.7 | 5.7 | 5.7 | 6.0 | 5.4 |
| NIGHTCRAWLER (IS-TF 285) | 5.3 | 4.3 | 4.0 | 5.0 | 5.3 | 5.7 | 5.7 | 5.7 | 5.7 | 6.0 | 5.7 | 5.7 | 6.3 | 5.4 |

TABLE 3. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT GRIFFIN, GA 1/
2015 DATA

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

| NAME | GENETIC COLOR | QUALITY RATINGS | | | | | | | | | | | | MEAN |
|------------------------------|------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| JS 916 | 6.0 | 4.7 | 4.3 | 5.0 | 5.7 | 5.7 | 5.7 | 5.7 | 5.3 | 5.7 | 5.3 | 6.0 | 6.0 | 5.4 |
| REBOUNDER (PICK-W43) | 5.7 | 4.3 | 4.3 | 5.0 | 5.0 | 5.3 | 5.3 | 5.3 | 5.3 | 5.7 | 5.7 | 6.3 | 6.7 | 5.4 |
| PARAMOUNT (PPG-TF-137) | 5.7 | 4.7 | 5.0 | 5.0 | 5.0 | 5.3 | 5.3 | 5.3 | 6.0 | 6.0 | 5.7 | 6.0 | 6.0 | 5.4 |
| PSG-PO1 | 5.3 | 4.3 | 4.3 | 5.0 | 5.0 | 5.3 | 5.3 | 5.7 | 5.7 | 6.0 | 5.7 | 6.3 | 6.7 | 5.4 |
| OLYMPUS (RAD-TF-88) | 5.7 | 4.7 | 4.3 | 4.7 | 5.0 | 5.7 | 5.7 | 5.0 | 5.0 | 5.3 | 6.0 | 6.3 | 6.7 | 5.4 |
| SCREAMER LS (PPG-TF-148) | 6.0 | 4.7 | 3.7 | 5.0 | 5.0 | 5.3 | 5.3 | 5.3 | 5.7 | 5.7 | 5.7 | 6.3 | 6.7 | 5.4 |
| W41 | 6.0 | 4.3 | 4.7 | 5.0 | 5.3 | 5.7 | 5.7 | 5.3 | 5.7 | 6.0 | 5.3 | 6.0 | 5.7 | 5.4 |
| FIRECRACKER SLS (PPG-TF-105) | 5.7 | 4.3 | 4.3 | 5.0 | 5.0 | 5.3 | 5.7 | 5.7 | 5.7 | 5.3 | 5.0 | 6.3 | 6.3 | 5.3 |
| IS-TF 269 SEL | 6.0 | 5.0 | 4.3 | 5.0 | 5.0 | 5.7 | 5.3 | 5.7 | 5.7 | 5.3 | 5.3 | 5.7 | 5.3 | 5.3 |
| K12-13 | 6.0 | 4.0 | 4.0 | 5.0 | 5.3 | 5.3 | 5.7 | 5.7 | 5.3 | 6.0 | 5.7 | 6.0 | 6.0 | 5.3 |
| LEONARDO (LTP-FSD) | 6.0 | 4.3 | 4.0 | 5.3 | 5.3 | 5.3 | 5.3 | 5.7 | 5.7 | 5.3 | 5.3 | 6.0 | 6.0 | 5.3 |
| BLOODHOUND (MET 6 SEL) | 5.0 | 4.3 | 4.7 | 5.0 | 4.7 | 5.0 | 5.3 | 5.3 | 5.7 | 5.7 | 5.7 | 6.0 | 6.3 | 5.3 |
| MET-3 | 6.0 | 4.3 | 4.0 | 4.7 | 5.0 | 5.3 | 5.3 | 5.3 | 5.7 | 5.7 | 5.7 | 6.0 | 6.3 | 5.3 |
| MICHELANGELO (LTP-F5DPDR) | 5.7 | 4.0 | 4.0 | 4.7 | 5.3 | 5.0 | 5.3 | 5.7 | 5.7 | 6.0 | 5.7 | 6.0 | 6.0 | 5.3 |
| PPG-TF-115 | 5.0 | 5.0 | 4.0 | 5.3 | 5.3 | 5.7 | 5.7 | 5.7 | 5.3 | 5.0 | 4.7 | 5.7 | 6.0 | 5.3 |
| PPG-TF-172 | 6.0 | 4.3 | 4.7 | 5.0 | 5.3 | 5.7 | 5.7 | 5.7 | 5.3 | 5.0 | 5.0 | 6.0 | 6.3 | 5.3 |
| ROCKWELL (LTP-TWUU) | 5.3 | 4.0 | 4.0 | 5.3 | 5.0 | 5.3 | 5.3 | 5.0 | 5.3 | 5.7 | 5.7 | 6.3 | 6.3 | 5.3 |
| TEMPLE (DZ1) | 6.0 | 4.0 | 4.0 | 4.7 | 5.7 | 5.3 | 5.0 | 5.3 | 5.3 | 6.0 | 5.3 | 6.0 | 6.7 | 5.3 |
| THOR (PPG-TF-157) | 6.0 | 5.0 | 4.3 | 4.7 | 5.3 | 5.3 | 5.3 | 5.0 | 5.7 | 5.3 | 5.3 | 6.3 | 6.3 | 5.3 |
| THUNDERSTRUCK (TD1) | 6.3 | 4.3 | 4.0 | 4.7 | 5.0 | 5.7 | 5.0 | 5.3 | 5.7 | 5.3 | 5.3 | 6.0 | 6.7 | 5.3 |
| BLACK TAIL (PPG-TF-150) | 5.7 | 4.0 | 3.7 | 5.0 | 5.0 | 5.0 | 5.0 | 5.7 | 5.7 | 6.0 | 5.7 | 5.7 | 6.0 | 5.2 |
| DIABLO (IS-TF 330) | 6.0 | 4.3 | 4.3 | 5.0 | 5.0 | 5.3 | 5.7 | 5.3 | 5.0 | 5.0 | 5.3 | 5.7 | 6.0 | 5.2 |
| FALCON V | 5.7 | 4.0 | 4.3 | 5.0 | 5.0 | 5.3 | 5.7 | 5.7 | 5.7 | 4.3 | 5.3 | 6.0 | 6.0 | 5.2 |
| FIREWALL (PSG-WE1) | 6.0 | 4.0 | 3.7 | 5.0 | 5.3 | 5.7 | 5.7 | 5.7 | 5.3 | 5.0 | 4.7 | 6.0 | 6.7 | 5.2 |
| MEMPHIS (GO-DFR) | 6.3 | 3.7 | 3.7 | 4.7 | 5.3 | 5.7 | 5.3 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.2 |
| HOUNDG8 (IS-TF 307 SEL) | 6.0 | 4.7 | 4.0 | 5.0 | 5.0 | 5.3 | 5.0 | 5.0 | 5.0 | 5.3 | 5.7 | 6.3 | 6.3 | 5.2 |
| PPG-TF-138 | 5.7 | 4.0 | 4.0 | 4.7 | 5.0 | 5.7 | 5.3 | 5.0 | 5.7 | 5.3 | 5.7 | 6.0 | 6.0 | 5.2 |
| CAESAR (TY 10) | 5.7 | 4.0 | 3.7 | 4.7 | 5.3 | 5.3 | 5.3 | 5.3 | 5.7 | 5.0 | 5.3 | 5.7 | 5.7 | 5.1 |
| COMP. RES. SST | 5.7 | 3.7 | 3.7 | 4.7 | 4.7 | 5.0 | 5.3 | 5.3 | 6.0 | 5.7 | 5.7 | 6.0 | 6.0 | 5.1 |
| DYNAMITE LS (PPG-TF-145) | 6.0 | 4.0 | 3.7 | 4.3 | 5.0 | 5.0 | 5.3 | 5.3 | 5.3 | 5.7 | 6.0 | 6.0 | 6.0 | 5.1 |
| F711 | 5.3 | 3.7 | 4.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.3 | 5.0 | 6.0 | 5.7 | 6.0 | 6.0 | 5.1 |
| IS-TF-287 | 5.7 | 4.0 | 4.7 | 4.3 | 4.7 | 5.3 | 5.3 | 5.3 | 5.0 | 5.3 | 5.0 | 6.0 | 5.7 | 5.1 |
| MERIDIAN (PST-5GRB) | 6.0 | 4.3 | 4.3 | 5.0 | 5.3 | 5.3 | 5.3 | 5.0 | 5.0 | 4.3 | 5.0 | 6.0 | 6.3 | 5.1 |
| PSG-TT4 | 5.7 | 4.3 | 4.0 | 5.0 | 5.3 | 5.3 | 5.0 | 5.3 | 5.0 | 5.3 | 5.3 | 5.7 | 6.0 | 5.1 |
| RAPTOR III (ZW 44) | 6.0 | 3.7 | 3.7 | 4.7 | 5.0 | 5.3 | 4.3 | 5.0 | 5.3 | 5.7 | 5.7 | 6.3 | 6.3 | 5.1 |
| ROWDY (SRX-TPC) | 6.0 | 3.7 | 3.7 | 4.7 | 5.0 | 5.7 | 5.3 | 5.7 | 5.3 | 5.3 | 4.7 | 6.0 | 6.0 | 5.1 |
| SALTILLO (PST-5SALT) | 5.7 | 4.7 | 4.3 | 5.3 | 5.3 | 5.3 | 5.0 | 5.0 | 5.3 | 4.7 | 5.0 | 5.7 | 6.0 | 5.1 |
| HOT ROD (BURL TF-136) | 6.0 | 3.7 | 4.0 | 5.0 | 5.0 | 5.3 | 5.3 | 5.0 | 5.0 | 5.0 | 4.7 | 6.0 | 5.7 | 5.0 |
| RHAMBLER 2 SRP (LSD) | 6.3 | 3.3 | 3.3 | 4.7 | 5.3 | 5.3 | 5.0 | 5.3 | 5.7 | 5.3 | 5.3 | 6.0 | 5.7 | 5.0 |
| SWAGGER (PST-5R05) | 5.7 | 3.7 | 4.0 | 5.0 | 4.7 | 5.0 | 5.3 | 5.0 | 5.3 | 5.3 | 5.3 | 5.3 | 5.7 | 5.0 |
| 4TH MILLENNIUM SRP (U43) | 6.0 | 4.0 | 3.7 | 4.7 | 4.7 | 5.0 | 5.0 | 5.0 | 5.3 | 4.7 | 5.0 | 6.5 | 6.3 | 4.9 |
| JS 809 | 6.0 | 3.7 | 3.7 | 4.7 | 5.0 | 4.7 | 4.7 | 5.3 | 5.0 | 5.0 | 5.0 | 6.0 | 6.0 | 4.9 |
| JS 825 | 6.0 | 3.7 | 3.0 | 5.0 | 5.0 | 5.3 | 5.7 | 5.3 | 5.0 | 5.0 | 5.0 | 5.3 | 5.7 | 4.9 |
| PSG-8BP2 | 5.3 | 3.3 | 3.7 | 4.3 | 5.0 | 5.3 | 5.0 | 5.0 | 5.3 | 5.3 | 4.7 | 5.7 | 5.7 | 4.9 |
| PST-5DZP | 5.7 | 4.3 | 4.0 | 4.7 | 4.7 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.3 | 6.0 | 4.9 |

TABLE 3. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT GRIFFIN, GA 1/
2015 DATA

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

| NAME | GENETIC COLOR | QUALITY RATINGS | | | | | | | | | | | MEAN | |
|------------------------|------------------|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | | DEC |
| RAD-TF-89 | 6.0 | 4.0 | 4.0 | 4.7 | 4.7 | 5.0 | 4.7 | 5.3 | 5.3 | 4.7 | 5.0 | 5.3 | 5.7 | 4.9 |
| TERRANO | 5.7 | 4.0 | 4.0 | 4.7 | 5.0 | 4.3 | 4.7 | 5.0 | 5.0 | 5.3 | 5.0 | 6.0 | 5.7 | 4.9 |
| BAR FA 121089 | 5.3 | 3.3 | 3.3 | 4.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.3 | 5.3 | 6.0 | 5.7 | 4.8 |
| BULLSEYE | 6.0 | 3.7 | 4.3 | 4.3 | 4.7 | 5.0 | 5.0 | 5.0 | 4.7 | 5.0 | 4.0 | 6.0 | 5.7 | 4.8 |
| FALCON IV | 5.7 | 3.3 | 3.7 | 4.3 | 4.3 | 5.0 | 5.0 | 5.3 | 5.3 | 5.0 | 5.0 | 5.3 | 5.3 | 4.8 |
| INSPIRATION (PST-R5NW) | 5.7 | 3.7 | 3.3 | 5.0 | 5.0 | 5.3 | 5.3 | 5.3 | 4.7 | 4.7 | 4.3 | 5.0 | 5.3 | 4.8 |
| JS 819 | 5.3 | 3.7 | 3.3 | 4.7 | 5.3 | 5.3 | 5.0 | 5.0 | 5.3 | 4.7 | 4.7 | 5.3 | 5.3 | 4.8 |
| PSG-GSD | 5.7 | 4.0 | 3.7 | 4.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.3 | 5.7 | 4.8 |
| FESNOVA | 5.3 | 3.7 | 3.7 | 4.3 | 4.3 | 4.3 | 4.7 | 4.7 | 4.7 | 5.3 | 5.0 | 5.7 | 6.0 | 4.7 |
| ANNIHILATOR | 5.7 | 3.3 | 3.3 | 4.3 | 4.3 | 4.7 | 4.7 | 4.3 | 4.7 | 5.3 | 5.7 | 5.3 | 5.3 | 4.6 |
| BAR FA 120878 | 5.0 | 3.7 | 4.0 | 4.0 | 4.7 | 4.7 | 5.0 | 4.7 | 4.7 | 4.7 | 4.7 | 6.0 | 5.5 | 4.6 |
| BAR FA 121091 | 4.7 | 3.3 | 3.3 | 4.3 | 4.3 | 4.7 | 4.3 | 4.3 | 5.0 | 5.0 | 5.0 | 6.0 | 5.7 | 4.6 |
| HOVER (BURL TF-69) | 5.7 | 3.7 | 3.7 | 4.3 | 4.3 | 4.3 | 4.7 | 5.0 | 5.0 | 5.0 | 4.7 | 6.0 | 6.5 | 4.6 |
| IS-TF 272 | 5.3 | 3.7 | 3.3 | 4.3 | 5.0 | 4.7 | 4.7 | 4.7 | 4.7 | 4.0 | 4.7 | 6.0 | 5.3 | 4.6 |
| RAD-TF-92 | 5.7 | 3.3 | 3.7 | 4.0 | 4.3 | 4.7 | 5.0 | 5.0 | 5.0 | 4.7 | 5.0 | 5.3 | 5.7 | 4.6 |
| WARHAWK | 5.7 | 3.3 | 3.3 | 3.7 | 5.0 | 4.7 | 4.7 | 4.3 | 4.7 | 5.7 | 5.0 | 6.0 | 5.3 | 4.6 |
| 204 RES. BLK4 | 5.7 | 3.3 | 3.3 | 4.3 | 4.3 | 4.3 | 4.7 | 4.3 | 4.7 | 5.3 | 4.3 | 5.3 | 5.3 | 4.5 |
| RAD-TF-83 | 5.7 | 3.7 | 4.0 | 3.7 | 4.7 | 5.3 | 5.0 | 4.3 | 4.7 | 4.0 | 4.7 | 5.5 | 5.5 | 4.5 |
| TEMPTATION (OR-21) | 5.7 | 3.7 | 3.3 | 4.7 | 4.7 | 5.0 | 4.7 | 5.0 | 4.5 | 4.3 | 4.7 | 5.0 | 5.0 | 4.5 |
| CATALYST | 4.3 | 3.0 | 3.7 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.7 | 5.3 | 5.3 | 4.4 |
| MARAUDER | 6.0 | 3.7 | 3.3 | 3.7 | 4.7 | 4.3 | 4.3 | 4.3 | 4.7 | 4.3 | 4.7 | 5.7 | 5.7 | 4.4 |
| FRONTLINE (EXP TF-09) | 6.0 | 3.0 | 3.3 | 3.7 | 4.3 | 4.3 | 4.0 | 4.7 | 4.3 | 4.3 | 4.0 | 5.7 | 5.7 | 4.3 |
| B23 | 5.3 | 2.7 | 3.0 | 3.3 | 3.3 | 4.0 | 4.0 | 4.0 | 4.7 | 5.0 | 4.7 | 5.7 | 6.0 | 4.2 |
| AQUADUCT | 5.0 | 3.3 | 3.0 | 3.3 | 4.0 | 4.0 | 4.3 | 4.3 | 4.3 | 4.0 | 4.0 | 4.7 | 5.3 | 4.1 |
| KY-31 | 4.3 | 3.0 | 3.3 | 4.0 | 4.3 | 4.3 | 4.3 | 4.0 | 4.3 | 4.0 | 3.7 | 5.0 | 4.7 | 4.1 |
| JS 818 | 5.0 | 3.0 | 2.7 | 3.7 | 4.0 | 4.3 | 4.3 | 4.0 | 4.0 | 4.0 | 3.3 | 5.0 | 5.0 | 3.9 |
| LSD VALUE | 1.6 | 1.9 | 2.1 | 2.1 | 1.9 | 2.8 | 2.5 | 1.9 | 2.7 | 2.1 | 1.7 | 1.5 | 1.7 | 1.3 |
| C.V. (%) | 9.8 | 20.1 | 20.8 | 16.0 | 14.2 | 14.9 | 14.7 | 14.2 | 14.4 | 15.8 | 14.5 | 10.1 | 11.6 | 11.3 |

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

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

TABLE 4.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT AMES, IA 1/
2015 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 | | |
| BIZEM | 8.0 | 6.0 | 7.7 | 7.3 | 8.3 | 8.0 | 8.3 | 7.7 | 7.0 | 7.8 | |
| REGENERATE | 8.0 | 6.0 | 7.3 | 7.0 | 7.3 | 8.0 | 8.3 | 8.3 | 7.7 | 7.8 | |
| TRAVERSE 2 SRP (W45) | 8.0 | 6.0 | 7.7 | 7.3 | 7.7 | 8.0 | 8.7 | 8.0 | 7.0 | 7.8 | |
| FAYETTE (IS-TF 291) | 7.7 | 6.0 | 8.0 | 7.3 | 8.0 | 8.0 | 7.7 | 8.0 | 7.3 | 7.7 | |
| THOR (PPG-TF-157) | 7.7 | 6.0 | 7.3 | 7.0 | 8.0 | 8.0 | 8.3 | 7.3 | 7.3 | 7.7 | |
| 4TH MILLENNIUM SRP (U43) | 7.7 | 5.7 | 7.7 | 6.3 | 7.0 | 7.7 | 8.3 | 8.3 | 7.7 | 7.6 | |
| B23 | 7.7 | 5.3 | 8.0 | 6.7 | 7.0 | 8.0 | 8.3 | 8.3 | 7.3 | 7.6 | |
| IS-TF 269 SEL | 7.3 | 5.7 | 7.0 | 6.7 | 8.0 | 8.3 | 8.0 | 7.7 | 7.0 | 7.6 | |
| REBOUNDER (PICK-W43) | 7.7 | 6.0 | 7.7 | 7.0 | 7.3 | 7.7 | 8.0 | 8.0 | 7.7 | 7.6 | |
| PPG-TF-135 | 7.7 | 6.0 | 7.7 | 7.0 | 7.3 | 8.0 | 8.0 | 7.7 | 7.3 | 7.6 | |
| RAD-TF-89 | 8.0 | 5.3 | 7.3 | 7.0 | 7.7 | 7.3 | 8.3 | 8.0 | 7.3 | 7.6 | |
| BULLSEYE | 7.7 | 5.7 | 7.3 | 7.0 | 7.3 | 8.0 | 8.0 | 7.7 | 7.0 | 7.5 | |
| AMITY (CCR2) | 7.7 | 5.7 | 7.7 | 6.7 | 7.3 | 8.3 | 8.0 | 7.7 | 7.0 | 7.5 | |
| HOT ROD (BURL TF-136) | 7.7 | 5.3 | 7.3 | 6.3 | 7.3 | 7.3 | 8.7 | 8.0 | 7.3 | 7.5 | |
| MET 1 | 7.3 | 5.7 | 7.7 | 7.0 | 7.3 | 8.0 | 8.3 | 7.3 | 7.0 | 7.5 | |
| MICHELANGELO (LTP-F5DPDR) | 7.3 | 6.0 | 6.7 | 7.3 | 7.3 | 8.0 | 8.0 | 7.3 | 7.0 | 7.5 | |
| RAPTOR III (ZW 44) | 7.7 | 5.7 | 7.7 | 7.0 | 7.0 | 7.7 | 8.7 | 7.7 | 7.0 | 7.5 | |
| ATF 1612 | 7.7 | 5.0 | 7.0 | 7.0 | 7.3 | 8.0 | 7.7 | 7.7 | 7.0 | 7.4 | |
| BLACK TAIL (PPG-TF-150) | 7.3 | 5.3 | 7.7 | 6.7 | 7.3 | 8.0 | 8.3 | 7.3 | 6.7 | 7.4 | |
| CATALYST | 7.3 | 5.7 | 7.3 | 6.7 | 7.3 | 8.0 | 7.7 | 7.3 | 7.3 | 7.4 | |
| DIABLO (IS-TF 330) | 7.7 | 5.3 | 7.7 | 6.3 | 7.0 | 7.7 | 8.3 | 8.0 | 7.3 | 7.4 | |
| DYNAMITE LS (PPG-TF-145) | 7.7 | 5.0 | 7.0 | 7.0 | 7.7 | 8.0 | 7.7 | 7.3 | 6.7 | 7.4 | |
| FALCON V | 7.3 | 5.7 | 7.0 | 6.7 | 7.0 | 8.0 | 8.0 | 7.7 | 7.0 | 7.4 | |
| FESNOVA | 7.7 | 5.7 | 7.0 | 6.7 | 7.3 | 7.3 | 8.3 | 7.7 | 7.3 | 7.4 | |
| FOXHOUND (IS-TF 284 M2) | 7.3 | 6.0 | 7.3 | 6.7 | 7.3 | 8.0 | 8.3 | 7.3 | 7.0 | 7.4 | |
| HEMI | 7.7 | 4.7 | 7.7 | 6.3 | 7.7 | 8.0 | 8.0 | 7.3 | 7.0 | 7.4 | |
| UNITUS (IS-TF 289) | 7.3 | 5.3 | 7.0 | 7.0 | 7.3 | 7.7 | 8.0 | 7.3 | 7.0 | 7.4 | |
| K12-05 | 7.3 | 5.3 | 7.3 | 6.7 | 7.0 | 7.7 | 8.3 | 7.7 | 7.0 | 7.4 | |
| PSG-P01 | 7.3 | 6.0 | 7.0 | 7.0 | 7.0 | 7.7 | 7.7 | 7.7 | 7.3 | 7.4 | |
| REFLECTION (U45) | 7.7 | 5.7 | 7.3 | 7.0 | 7.7 | 7.3 | 8.3 | 7.3 | 7.0 | 7.4 | |
| THUNDERSTRUCK (TD1) | 7.3 | 4.3 | 7.3 | 6.7 | 7.3 | 8.0 | 7.7 | 7.7 | 7.0 | 7.4 | |
| W41 | 7.3 | 6.0 | 7.3 | 7.0 | 7.0 | 7.7 | 8.0 | 7.7 | 7.0 | 7.4 | |
| ARES (PPG-TF-142) | 7.3 | 5.7 | 7.3 | 7.0 | 7.3 | 7.3 | 8.0 | 7.3 | 6.7 | 7.3 | |
| CAESAR (TY 10) | 7.3 | 6.0 | 7.0 | 7.0 | 7.3 | 7.0 | 8.0 | 7.3 | 7.3 | 7.3 | |
| F711 | 7.3 | 5.7 | 7.3 | 7.0 | 7.3 | 7.0 | 8.0 | 7.3 | 7.0 | 7.3 | |
| FIRECRACKER SLS (PPG-TF-105) | 7.7 | 5.7 | 7.3 | 7.0 | 7.0 | 7.7 | 8.3 | 7.3 | 6.7 | 7.3 | |
| GTO (BURL TF-2) | 7.3 | 5.3 | 7.7 | 7.3 | 7.0 | 7.3 | 7.7 | 7.7 | 7.0 | 7.3 | |
| IS-TF 272 | 7.7 | 5.3 | 7.7 | 6.7 | 7.3 | 7.7 | 7.7 | 7.7 | 7.0 | 7.3 | |
| IS-TF 276 M2 | 7.3 | 5.7 | 7.0 | 6.7 | 7.0 | 7.7 | 8.0 | 7.3 | 7.0 | 7.3 | |
| PPG-TF-138 | 7.3 | 5.3 | 7.0 | 6.7 | 7.0 | 8.0 | 8.0 | 7.7 | 6.7 | 7.3 | |
| PST-5BRK | 7.3 | 5.7 | 7.0 | 7.0 | 7.0 | 7.7 | 7.7 | 7.7 | 6.7 | 7.3 | |
| RHAMBLER 2 SRP (LSD) | 7.3 | 5.0 | 7.3 | 6.7 | 6.7 | 7.7 | 8.0 | 7.7 | 7.0 | 7.3 | |
| ROCKWELL (LTP-TWUU) | 7.7 | 6.0 | 7.3 | 6.7 | 7.0 | 7.7 | 8.0 | 7.3 | 7.0 | 7.3 | |
| TECHNIQUE (RZ2) | 7.3 | 6.0 | 7.3 | 6.3 | 7.3 | 8.0 | 8.0 | 7.3 | 7.0 | 7.3 | |
| TEMPLE (DZ1) | 7.7 | 5.7 | 7.0 | 7.0 | 7.7 | 7.3 | 8.0 | 7.0 | 7.0 | 7.3 | |

TABLE 4.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT AMES, IA 1/
2015 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 | | |
| TEMPTATION (OR-21) | 7.3 | 6.0 | 6.3 | 7.0 | 7.7 | 8.0 | 7.0 | 7.3 | 6.7 | 7.3 | |
| XTENDER (PPG-TF-139) | 7.7 | 5.7 | 7.7 | 6.7 | 7.7 | 7.3 | 7.7 | 7.7 | 7.0 | 7.3 | |
| ATF 1754 | 7.3 | 5.7 | 7.3 | 6.7 | 6.7 | 7.3 | 8.0 | 7.7 | 7.0 | 7.2 | |
| EMBRACE (PST-5EV2) | 7.0 | 5.0 | 7.3 | 6.3 | 7.0 | 7.7 | 7.7 | 7.7 | 6.7 | 7.2 | |
| FAITH | 7.0 | 5.7 | 7.0 | 6.7 | 7.0 | 8.0 | 7.7 | 7.0 | 6.7 | 7.2 | |
| RHIZING MOON (IS-TF 305 SEL) | 7.3 | 5.7 | 7.3 | 6.7 | 7.3 | 7.3 | 8.0 | 7.0 | 7.0 | 7.2 | |
| HOUND08 (IS-TF 307 SEL) | 7.3 | 6.0 | 7.0 | 7.0 | 7.3 | 7.0 | 7.3 | 7.7 | 6.7 | 7.2 | |
| JS 916 | 7.3 | 5.7 | 7.3 | 6.7 | 6.7 | 7.7 | 7.7 | 7.3 | 7.3 | 7.2 | |
| KINGDOM (DB1) | 7.7 | 5.3 | 6.7 | 6.7 | 7.0 | 7.7 | 7.7 | 7.7 | 6.7 | 7.2 | |
| MAESTRO (T31) | 7.3 | 5.3 | 7.7 | 6.7 | 6.7 | 7.7 | 8.0 | 7.3 | 6.7 | 7.2 | |
| PPG-TF-115 | 7.3 | 5.3 | 7.3 | 7.0 | 7.0 | 7.0 | 8.0 | 7.3 | 7.0 | 7.2 | |
| PPG-TF-169 | 7.3 | 5.3 | 7.3 | 6.7 | 7.0 | 7.3 | 7.3 | 7.7 | 7.3 | 7.2 | |
| PPG-TF-172 | 7.0 | 5.3 | 7.7 | 6.7 | 7.0 | 7.7 | 8.0 | 7.3 | 6.7 | 7.2 | |
| RAD-TF-83 | 7.0 | 5.7 | 7.3 | 6.7 | 7.0 | 7.7 | 8.0 | 7.0 | 6.7 | 7.2 | |
| AVENGER II (PPG-TF-156) | 7.0 | 6.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.3 | 7.3 | 7.0 | 7.1 | |
| INSPIRATION (PST-R5NW) | 7.3 | 5.3 | 7.0 | 6.7 | 7.3 | 7.3 | 7.7 | 7.0 | 6.7 | 7.1 | |
| NIGHTCRAWLER (IS-TF 285) | 7.0 | 5.3 | 6.7 | 6.7 | 7.0 | 7.3 | 7.3 | 7.3 | 6.7 | 7.1 | |
| MERIDIAN (PST-5GRB) | 7.3 | 5.3 | 7.0 | 6.3 | 7.0 | 7.3 | 7.7 | 7.3 | 7.0 | 7.1 | |
| BLOODHOUND (MET 6 SEL) | 7.3 | 5.7 | 7.3 | 6.7 | 6.7 | 7.7 | 7.7 | 7.3 | 6.7 | 7.1 | |
| MET-3 | 7.0 | 5.7 | 7.0 | 6.7 | 6.7 | 7.3 | 7.7 | 7.3 | 7.0 | 7.1 | |
| PARAMOUNT (PPG-TF-137) | 7.3 | 5.3 | 7.0 | 6.3 | 6.7 | 7.0 | 7.7 | 7.7 | 7.0 | 7.1 | |
| WICHITA (PPG-TF-151) | 7.3 | 5.7 | 7.0 | 6.7 | 6.7 | 7.7 | 7.3 | 7.3 | 7.0 | 7.1 | |
| SCREAMER LS (PPG-TF-148) | 7.3 | 6.0 | 7.0 | 6.7 | 6.7 | 7.7 | 7.7 | 7.3 | 6.7 | 7.1 | |
| TERRANO | 7.0 | 5.3 | 7.3 | 6.7 | 7.0 | 7.7 | 7.3 | 7.0 | 7.0 | 7.1 | |
| TITANIUM 2LS (PPG-TF-152) | 7.0 | 5.7 | 7.3 | 6.7 | 7.0 | 7.3 | 7.7 | 7.3 | 6.7 | 7.1 | |
| IS-TF 311 | 7.3 | 5.7 | 7.0 | 6.7 | 7.0 | 7.3 | 7.3 | 7.0 | 6.7 | 7.0 | |
| PST-5BPO | 7.0 | 5.7 | 7.0 | 7.0 | 7.0 | 7.0 | 7.3 | 6.7 | 7.0 | 7.0 | |
| PST-5MVD | 7.0 | 6.0 | 7.0 | 6.7 | 7.0 | 6.7 | 7.7 | 7.3 | 6.7 | 7.0 | |
| ATF 1736 | 7.0 | 5.3 | 6.3 | 6.3 | 7.0 | 7.0 | 7.3 | 7.3 | 6.3 | 6.9 | |
| BAR FA 121095 | 7.0 | 5.3 | 6.3 | 6.7 | 7.3 | 7.7 | 7.0 | 6.7 | 6.3 | 6.9 | |
| FALCON IV | 7.0 | 5.7 | 7.0 | 6.7 | 7.3 | 7.3 | 7.3 | 6.7 | 6.3 | 6.9 | |
| MEMPHIS (GO-DFR) | 7.0 | 5.0 | 6.7 | 6.7 | 6.7 | 7.3 | 7.0 | 7.3 | 6.7 | 6.9 | |
| IS-TF 308 SEL | 7.0 | 5.7 | 7.0 | 6.3 | 6.7 | 7.3 | 7.7 | 7.0 | 6.3 | 6.9 | |
| JS 809 | 7.3 | 5.3 | 6.7 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.9 | |
| JS 818 | 7.0 | 5.7 | 6.3 | 6.7 | 7.7 | 7.3 | 7.0 | 7.0 | 6.0 | 6.9 | |
| K12-13 | 7.3 | 5.3 | 6.3 | 6.3 | 6.3 | 7.3 | 7.3 | 7.3 | 6.7 | 6.9 | |
| LEONARDO (LTP-FSD) | 7.3 | 5.3 | 7.0 | 7.0 | 6.7 | 7.0 | 7.3 | 7.0 | 6.7 | 6.9 | |
| 'COMMANDER (PPG-TF-170) | 7.0 | 6.0 | 7.3 | 6.7 | 6.7 | 7.3 | 7.7 | 6.7 | 6.3 | 6.9 | |
| RAD-TF-92 | 7.0 | 5.7 | 6.7 | 6.0 | 6.7 | 7.3 | 7.7 | 7.3 | 6.3 | 6.9 | |
| RAIN DANCE (PST-5SDT) | 7.0 | 5.0 | 6.7 | 6.7 | 7.0 | 7.3 | 7.0 | 7.0 | 6.3 | 6.9 | |
| ROWDY (SRX-TPC) | 7.0 | 5.3 | 7.0 | 6.7 | 7.0 | 7.3 | 7.3 | 6.7 | 6.3 | 6.9 | |
| SALTILLO (PST-5SALT) | 7.3 | 5.7 | 7.3 | 6.7 | 7.0 | 7.0 | 7.3 | 7.3 | 6.3 | 6.9 | |
| SWAGGER (PST-5R05) | 7.0 | 6.0 | 7.0 | 6.7 | 7.0 | 7.3 | 7.0 | 7.0 | 6.3 | 6.9 | |
| TURFWAY (IS-TF 282 M2) | 7.0 | 5.3 | 7.0 | 7.0 | 7.0 | 7.7 | 7.0 | 6.7 | 6.3 | 6.9 | |
| FIREBIRD 2 | 6.7 | 5.3 | 7.3 | 6.3 | 7.0 | 6.7 | 7.3 | 7.0 | 6.7 | 6.8 | |

TABLE 4.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT AMES, IA 1/
2015 DATA

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

| NAME | QUALITY RATINGS | | | | | | | | | |
|-----------------------------|------------------|-------------------|-----------------|-----|-----|-----|-----|-----|-----|------|
| | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | MAY | JUN | JUL | AUG | SEP | OCT | MEAN |
| FIREWALL (PSG-WE1) | 6.7 | 5.3 | 7.3 | 6.3 | 6.3 | 7.0 | 7.7 | 7.0 | 6.7 | 6.8 |
| FRONTLINE (EXP TF-09) | 7.0 | 5.3 | 6.7 | 6.3 | 7.0 | 6.7 | 7.3 | 7.0 | 6.7 | 6.8 |
| JS 825 | 6.7 | 5.3 | 6.3 | 6.7 | 7.3 | 7.3 | 7.0 | 6.7 | 6.0 | 6.8 |
| PSG-GSD | 7.0 | 5.7 | 7.0 | 6.3 | 7.0 | 7.0 | 7.0 | 6.7 | 6.7 | 6.8 |
| PST-5DZP | 7.0 | 5.0 | 7.3 | 6.7 | 7.0 | 7.3 | 7.3 | 6.3 | 6.3 | 6.8 |
| CROSSFIRE 4 (IS-TF 310 SEL) | 7.0 | 4.7 | 6.7 | 5.7 | 6.7 | 7.0 | 7.3 | 7.0 | 6.3 | 6.7 |
| JS 819 | 7.0 | 5.7 | 6.3 | 6.3 | 7.0 | 7.0 | 7.0 | 6.7 | 6.3 | 6.7 |
| K12-MCD | 7.0 | 5.3 | 6.3 | 6.7 | 7.0 | 7.0 | 7.0 | 6.3 | 6.3 | 6.7 |
| PST-5EX2 | 6.7 | 5.0 | 6.7 | 6.3 | 6.3 | 6.7 | 7.3 | 7.0 | 6.3 | 6.7 |
| OLYMPUS (RAD-TF-88) | 7.0 | 5.3 | 6.3 | 6.3 | 6.3 | 7.0 | 7.0 | 7.0 | 6.3 | 6.7 |
| BAR FA 121089 | 6.7 | 5.0 | 6.0 | 6.3 | 6.7 | 6.3 | 7.0 | 7.0 | 6.0 | 6.6 |
| BAR FA 121091 | 7.0 | 5.3 | 6.3 | 6.3 | 6.7 | 7.0 | 7.0 | 6.3 | 6.3 | 6.6 |
| GRANDE 3 | 7.0 | 5.3 | 7.0 | 6.0 | 6.3 | 7.0 | 7.3 | 6.7 | 6.3 | 6.6 |
| HOVER (BURL TF-69) | 6.7 | 6.0 | 7.0 | 6.3 | 6.7 | 7.0 | 7.0 | 6.3 | 6.3 | 6.6 |
| COMP. RES. SST | 6.7 | 4.7 | 6.0 | 6.3 | 7.0 | 7.0 | 6.7 | 6.0 | 6.0 | 6.5 |
| ATF 1704 | 6.7 | 5.0 | 6.3 | 6.0 | 6.0 | 6.7 | 6.7 | 7.0 | 6.3 | 6.4 |
| IS-TF-287 | 6.7 | 4.7 | 6.3 | 6.0 | 6.7 | 7.0 | 6.7 | 6.3 | 6.0 | 6.4 |
| PSG-8BP2 | 6.3 | 5.7 | 6.3 | 6.0 | 6.7 | 6.7 | 6.3 | 6.7 | 6.3 | 6.4 |
| PSG-TT4 | 6.3 | 5.0 | 6.7 | 6.0 | 6.0 | 6.7 | 6.7 | 6.7 | 6.3 | 6.4 |
| WARHAWK | 6.3 | 5.7 | 6.3 | 6.3 | 6.3 | 6.3 | 6.7 | 6.3 | 6.3 | 6.4 |
| AQUADUCT | 6.3 | 5.0 | 6.0 | 6.3 | 6.3 | 6.3 | 6.7 | 6.0 | 6.3 | 6.3 |
| BAR FA 120878 | 6.0 | 5.0 | 6.0 | 6.0 | 5.7 | 6.0 | 6.3 | 6.3 | 6.0 | 6.1 |
| ANNIHILATOR | 6.0 | 4.7 | 5.7 | 6.0 | 5.3 | 5.7 | 6.3 | 6.3 | 5.7 | 5.9 |
| MARAUDER | 6.0 | 4.7 | 5.7 | 6.0 | 5.7 | 5.7 | 6.3 | 6.0 | 5.3 | 5.8 |
| 204 RES. BLK4 | 6.0 | 4.7 | 5.0 | 5.7 | 5.0 | 5.3 | 6.0 | 5.7 | 5.7 | 5.6 |
| KY-31 | 4.0 | 3.0 | 3.7 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| LSD VALUE | 0.9 | 1.3 | 1.0 | 1.0 | 1.0 | 1.2 | 1.2 | 1.2 | 1.2 | 0.7 |
| C.V. (%) | 7.3 | 10.8 | 8.3 | 7.6 | 8.4 | 9.0 | 9.1 | 9.2 | 9.0 | 6.1 |

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 5.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT URBANA, IL 1/
2015 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | FALL | QUALITY RATINGS | | | | | | | MEAN |
|------------------------------|------------------|-------------------|-----------------|-------------------|-----------------|-----|-----|-----|-----|-----|-----|------|
| | | | | COLOR NOVEMBER | APR | MAY | JUN | JUL | AUG | SEP | OCT | |
| PPG-TF-135 | 6.3 | 5.0 | 6.3 | 6.3 | 6.0 | 7.0 | 6.3 | 7.3 | 7.0 | 6.3 | 7.3 | 6.8 |
| AMITY (CCR2) | 6.3 | 5.7 | 6.3 | 6.3 | 6.7 | 6.7 | 6.3 | 7.0 | 6.7 | 6.7 | 6.7 | 6.7 |
| MAESTRO (T31) | 6.7 | 6.0 | 5.7 | 5.7 | 6.7 | 7.0 | 6.3 | 7.0 | 7.0 | 6.3 | 6.3 | 6.7 |
| REGENERATE | 5.7 | 5.3 | 6.7 | 6.7 | 6.0 | 7.3 | 6.0 | 7.0 | 6.3 | 6.7 | 7.3 | 6.7 |
| AVENGER II (PPG-TF-156) | 6.3 | 5.7 | 6.3 | 6.0 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.3 | 6.3 | 6.6 |
| HEMI | 6.3 | 4.7 | 7.0 | 6.3 | 5.3 | 7.0 | 6.0 | 7.7 | 6.3 | 7.0 | 6.7 | 6.6 |
| RAPTOR III (ZW 44) | 6.0 | 5.7 | 6.7 | 6.3 | 5.7 | 7.0 | 7.0 | 7.0 | 6.3 | 6.3 | 6.7 | 6.6 |
| W41 | 6.3 | 6.0 | 7.0 | 6.3 | 6.0 | 7.0 | 6.3 | 7.0 | 6.0 | 6.7 | 7.3 | 6.6 |
| F711 | 6.3 | 5.3 | 6.3 | 6.7 | 5.7 | 6.3 | 6.7 | 6.7 | 7.0 | 6.0 | 7.0 | 6.5 |
| FIREWALL (PSG-WE1) | 6.3 | 5.3 | 7.0 | 5.7 | 5.3 | 6.7 | 6.7 | 7.3 | 6.3 | 6.0 | 7.0 | 6.5 |
| BLOODHOUND (MET 6 SEL) | 5.7 | 5.3 | 6.7 | 6.3 | 5.3 | 6.3 | 6.0 | 7.3 | 7.0 | 7.0 | 6.3 | 6.5 |
| MET-3 | 6.0 | 5.3 | 7.0 | 6.7 | 6.3 | 6.7 | 6.0 | 6.0 | 7.0 | 6.7 | 6.7 | 6.5 |
| MICHELANGELO (LTP-F5DPDR) | 6.3 | 5.0 | 6.7 | 6.3 | 6.3 | 7.0 | 6.0 | 7.0 | 6.0 | 6.7 | 6.3 | 6.5 |
| 'COMMANDER (PPG-TF-170) | 6.7 | 5.7 | 7.0 | 6.3 | 5.7 | 6.3 | 6.3 | 6.7 | 7.0 | 6.7 | 7.0 | 6.5 |
| TEMPLE (DZ1) | 6.0 | 5.7 | 6.0 | 6.0 | 5.3 | 7.0 | 6.7 | 6.7 | 6.3 | 6.7 | 7.0 | 6.5 |
| TITANIUM 2LS (PPG-TF-152) | 6.0 | 5.3 | 6.3 | 6.3 | 5.3 | 6.7 | 7.0 | 7.0 | 7.0 | 5.7 | 7.0 | 6.5 |
| BLACK TAIL (PPG-TF-150) | 6.0 | 5.3 | 6.7 | 6.0 | 6.0 | 6.7 | 6.3 | 6.7 | 6.0 | 6.3 | 6.7 | 6.4 |
| GRANDE 3 | 5.3 | 6.3 | 6.0 | 6.7 | 6.3 | 6.3 | 6.0 | 6.7 | 6.3 | 6.3 | 7.0 | 6.4 |
| IS-TF 308 SEL | 6.7 | 5.0 | 6.0 | 6.7 | 6.0 | 6.7 | 6.3 | 7.0 | 6.7 | 5.7 | 6.7 | 6.4 |
| JS 916 | 6.0 | 4.3 | 7.0 | 6.3 | 5.3 | 6.7 | 6.0 | 7.7 | 6.3 | 6.7 | 6.3 | 6.4 |
| PPG-TF-172 | 6.3 | 4.7 | 6.7 | 6.3 | 5.3 | 6.7 | 6.3 | 7.0 | 6.3 | 6.3 | 6.7 | 6.4 |
| TRAVERSE 2 SRP (W45) | 6.0 | 5.3 | 6.3 | 6.7 | 5.0 | 7.0 | 6.7 | 7.0 | 6.7 | 6.3 | 6.3 | 6.4 |
| 4TH MILLENNIUM SRP (U43) | 6.0 | 5.0 | 6.0 | 6.0 | 6.3 | 6.3 | 6.3 | 6.3 | 6.0 | 6.7 | 6.0 | 6.3 |
| BIZEM | 6.3 | 5.7 | 6.0 | 6.0 | 5.3 | 6.7 | 6.3 | 7.0 | 6.0 | 6.7 | 6.3 | 6.3 |
| FAYETTE (IS-TF 291) | 6.7 | 5.3 | 6.3 | 6.3 | 5.3 | 6.3 | 7.0 | 7.0 | 6.3 | 6.0 | 6.3 | 6.3 |
| FIREBIRD 2 | 6.0 | 5.3 | 6.3 | 6.0 | 5.0 | 6.7 | 6.7 | 6.7 | 6.3 | 5.7 | 7.0 | 6.3 |
| GTO (BURL TF-2) | 6.7 | 6.3 | 6.0 | 6.0 | 7.0 | 6.7 | 5.7 | 7.0 | 6.0 | 5.3 | 6.3 | 6.3 |
| UNITUS (IS-TF 289) | 6.0 | 4.7 | 6.7 | 6.3 | 5.3 | 6.3 | 6.3 | 7.3 | 6.0 | 6.0 | 6.7 | 6.3 |
| RHIZING MOON (IS-TF 305 SEL) | 6.0 | 5.7 | 6.7 | 6.3 | 5.0 | 6.3 | 6.3 | 6.7 | 6.7 | 6.3 | 6.7 | 6.3 |
| REBOUNDER (PICK-W43) | 6.7 | 5.7 | 6.0 | 6.0 | 5.7 | 6.3 | 6.3 | 6.3 | 6.0 | 6.7 | 6.7 | 6.3 |
| PARAMOUNT (PPG-TF-137) | 6.3 | 4.7 | 7.0 | 6.0 | 5.7 | 6.7 | 5.7 | 7.0 | 6.3 | 7.0 | 6.0 | 6.3 |
| PST-5BPO | 5.7 | 5.3 | 5.3 | 5.0 | 6.0 | 6.7 | 5.7 | 6.3 | 5.7 | 7.0 | 7.0 | 6.3 |
| REFLECTION (U45) | 6.3 | 5.0 | 5.7 | 6.3 | 6.0 | 6.7 | 6.0 | 6.7 | 6.7 | 6.0 | 6.3 | 6.3 |
| ROWDY (SRX-TPC) | 5.3 | 5.0 | 6.0 | 6.3 | 5.3 | 6.7 | 6.0 | 7.0 | 6.7 | 6.0 | 6.7 | 6.3 |
| TERRANO | 6.0 | 4.3 | 5.7 | 6.3 | 5.3 | 7.0 | 6.3 | 7.0 | 6.3 | 5.7 | 6.3 | 6.3 |
| XTENDER (PPG-TF-139) | 6.7 | 5.3 | 6.0 | 6.3 | 6.0 | 6.7 | 5.7 | 6.3 | 6.7 | 6.0 | 7.0 | 6.3 |
| ATF 1612 | 6.3 | 5.7 | 6.0 | 6.7 | 5.7 | 5.7 | 5.7 | 6.7 | 7.0 | 6.0 | 7.0 | 6.2 |
| CATALYST | 5.3 | 6.0 | 6.0 | 6.0 | 5.3 | 7.0 | 6.0 | 6.0 | 6.3 | 6.3 | 6.3 | 6.2 |
| FAITH | 7.0 | 6.0 | 6.3 | 6.0 | 5.3 | 6.3 | 6.0 | 6.7 | 6.7 | 6.0 | 6.3 | 6.2 |
| MET 1 | 5.7 | 5.7 | 6.3 | 6.3 | 5.7 | 6.3 | 6.0 | 6.7 | 6.0 | 6.3 | 6.3 | 6.2 |
| WICHITA (PPG-TF-151) | 6.3 | 5.3 | 5.7 | 6.0 | 5.3 | 6.7 | 6.7 | 6.7 | 6.0 | 5.7 | 6.7 | 6.2 |
| PPG-TF-169 | 6.0 | 6.3 | 6.0 | 6.3 | 6.7 | 6.0 | 5.7 | 6.3 | 6.3 | 6.0 | 6.7 | 6.2 |
| THOR (PPG-TF-157) | 6.7 | 4.3 | 7.0 | 7.0 | 5.3 | 6.3 | 5.7 | 7.0 | 6.0 | 6.7 | 6.3 | 6.2 |
| ATF 1754 | 5.7 | 5.3 | 6.3 | 6.3 | 6.0 | 6.7 | 6.0 | 6.7 | 6.0 | 6.0 | 5.7 | 6.1 |
| BULLSEYE | 6.0 | 5.0 | 5.3 | 6.0 | 4.7 | 6.0 | 6.3 | 7.0 | 6.7 | 5.7 | 6.3 | 6.1 |

TABLE 5. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT URBANA, IL 1/
2015 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | FALL COLOR | QUALITY RATINGS | | | | | | | MEAN |
|------------------------------|------------------|-------------------|-----------------|---------------|-----------------|-----|-----|-----|-----|-----|-----|------|
| | | | | NOVEMBER | APR | MAY | JUN | JUL | AUG | SEP | OCT | |
| DIABLO (IS-TF 330) | 7.0 | 5.7 | 6.3 | 6.3 | 5.0 | 6.3 | 6.7 | 6.3 | 6.3 | 5.3 | 7.0 | 6.1 |
| FESNOVA | 7.3 | 4.7 | 5.7 | 6.3 | 5.0 | 6.7 | 5.7 | 7.0 | 5.7 | 5.7 | 7.3 | 6.1 |
| FIRECRACKER SLS (PPG-TF-105) | 7.0 | 4.7 | 5.3 | 5.7 | 4.3 | 6.3 | 7.0 | 6.3 | 7.0 | 5.3 | 6.7 | 6.1 |
| HOT ROD (BURL TF-136) | 6.3 | 5.0 | 6.0 | 5.7 | 5.7 | 6.0 | 6.0 | 6.7 | 6.0 | 5.7 | 6.7 | 6.1 |
| PPG-TF-115 | 6.3 | 5.7 | 5.0 | 6.3 | 5.0 | 6.3 | 6.7 | 6.3 | 6.3 | 5.3 | 6.7 | 6.1 |
| RAD-TF-89 | 7.0 | 4.3 | 6.3 | 6.0 | 5.7 | 6.3 | 6.7 | 5.3 | 5.3 | 7.0 | 6.7 | 6.1 |
| TECHNIQUE (RZ2) | 5.7 | 5.3 | 6.3 | 6.3 | 5.0 | 6.0 | 6.7 | 6.3 | 6.3 | 6.3 | 6.3 | 6.1 |
| THUNDERSTRUCK (TD1) | 6.7 | 4.7 | 6.3 | 6.3 | 4.3 | 6.7 | 5.7 | 6.7 | 6.3 | 6.3 | 7.0 | 6.1 |
| ATF 1736 | 7.0 | 5.3 | 6.0 | 6.3 | 5.3 | 6.0 | 6.7 | 6.3 | 6.0 | 5.7 | 6.0 | 6.0 |
| B23 | 6.0 | 6.0 | 5.3 | 6.7 | 5.3 | 7.0 | 6.3 | 5.7 | 6.3 | 5.0 | 6.0 | 6.0 |
| CAESAR (TY 10) | 7.0 | 5.3 | 6.3 | 6.7 | 5.3 | 6.0 | 6.0 | 6.3 | 6.3 | 5.7 | 6.0 | 6.0 |
| DYNAMITE LS (PPG-TF-145) | 6.7 | 4.7 | 5.7 | 6.3 | 5.0 | 6.0 | 6.0 | 6.0 | 5.7 | 6.3 | 6.7 | 6.0 |
| FALCON V | 6.3 | 6.3 | 6.0 | 6.3 | 5.7 | 6.0 | 6.0 | 6.3 | 6.0 | 5.7 | 6.7 | 6.0 |
| HOVER (BURL TF-69) | 6.0 | 4.7 | 6.7 | 6.0 | 4.7 | 6.0 | 6.0 | 6.7 | 6.0 | 6.7 | 6.0 | 6.0 |
| NIGHTCRAWLER (IS-TF 285) | 6.7 | 4.0 | 6.0 | 6.7 | 4.0 | 6.3 | 6.0 | 7.0 | 6.0 | 5.7 | 6.7 | 6.0 |
| HOUNDOG8 (IS-TF 307 SEL) | 6.3 | 5.3 | 6.7 | 7.0 | 4.7 | 6.3 | 6.0 | 6.7 | 6.7 | 5.7 | 6.3 | 6.0 |
| IS-TF 311 | 6.7 | 6.0 | 7.0 | 6.0 | 4.7 | 6.7 | 6.3 | 6.0 | 6.3 | 6.3 | 6.0 | 6.0 |
| KINGDOM (DB1) | 6.7 | 5.7 | 7.0 | 7.0 | 4.7 | 6.0 | 6.3 | 6.3 | 5.7 | 6.3 | 6.3 | 6.0 |
| LEONARDO (LTP-FSD) | 6.7 | 5.3 | 5.7 | 6.7 | 5.0 | 6.3 | 6.3 | 6.7 | 6.0 | 5.3 | 6.7 | 6.0 |
| PPG-TF-138 | 6.0 | 6.0 | 6.0 | 6.7 | 5.3 | 6.3 | 6.7 | 6.7 | 6.0 | 5.3 | 6.0 | 6.0 |
| PSG-P01 | 6.3 | 5.3 | 6.0 | 6.0 | 5.0 | 6.0 | 6.7 | 6.3 | 6.3 | 5.3 | 6.0 | 6.0 |
| OLYMPUS (RAD-TF-88) | 7.0 | 5.3 | 6.7 | 6.7 | 5.7 | 5.7 | 6.3 | 6.3 | 6.3 | 5.3 | 6.7 | 6.0 |
| ARES (PPG-TF-142) | 7.0 | 5.3 | 5.7 | 6.3 | 5.0 | 6.0 | 5.7 | 6.7 | 6.0 | 5.0 | 7.0 | 5.9 |
| EMBRACE (PST-5EV2) | 6.0 | 6.0 | 5.7 | 6.3 | 4.0 | 6.3 | 6.0 | 6.7 | 6.3 | 5.7 | 6.0 | 5.9 |
| FOXHOUND (IS-TF 284 M2) | 6.0 | 5.0 | 6.3 | 6.3 | 4.7 | 6.0 | 5.7 | 6.3 | 6.3 | 5.7 | 6.3 | 5.9 |
| IS-TF 269 SEL | 6.7 | 4.3 | 6.3 | 6.3 | 5.0 | 6.7 | 5.3 | 6.0 | 6.3 | 6.3 | 5.7 | 5.9 |
| CROSSFIRE 4 (IS-TF 310 SEL) | 6.7 | 4.3 | 6.3 | 6.3 | 4.7 | 6.7 | 5.3 | 7.0 | 6.0 | 5.3 | 6.3 | 5.9 |
| IS-TF-287 | 6.0 | 5.0 | 7.0 | 6.0 | 5.0 | 6.3 | 6.0 | 7.0 | 6.3 | 5.3 | 5.3 | 5.9 |
| K12-MCD | 5.7 | 5.7 | 6.3 | 6.3 | 5.3 | 6.0 | 5.7 | 6.3 | 6.0 | 6.0 | 6.0 | 5.9 |
| PST-5BRK | 6.0 | 5.0 | 5.0 | 6.0 | 5.0 | 5.7 | 6.0 | 6.0 | 6.0 | 6.0 | 6.3 | 5.9 |
| RAD-TF-92 | 6.3 | 5.3 | 6.0 | 6.7 | 4.7 | 6.7 | 6.3 | 6.0 | 5.3 | 6.0 | 6.3 | 5.9 |
| ROCKWELL (LTP-TWUJ) | 6.7 | 5.3 | 6.3 | 6.7 | 5.7 | 6.0 | 5.3 | 6.3 | 5.7 | 6.0 | 6.3 | 5.9 |
| SCREAMER LS (PPG-TF-148) | 6.3 | 6.3 | 6.0 | 6.3 | 5.0 | 6.0 | 5.7 | 6.3 | 6.0 | 5.7 | 6.7 | 5.9 |
| ATF 1704 | 5.7 | 4.3 | 5.7 | 6.0 | 5.3 | 6.0 | 5.7 | 6.0 | 6.0 | 5.3 | 6.3 | 5.8 |
| IS-TF 276 M2 | 6.3 | 4.3 | 6.3 | 6.7 | 4.7 | 6.3 | 5.3 | 6.3 | 5.7 | 6.0 | 6.3 | 5.8 |
| JS 818 | 6.7 | 3.7 | 5.7 | 6.3 | 5.3 | 6.3 | 5.3 | 6.3 | 5.7 | 5.3 | 6.0 | 5.8 |
| JS 819 | 6.0 | 5.0 | 6.3 | 6.7 | 5.3 | 5.7 | 5.7 | 6.7 | 5.7 | 5.7 | 5.7 | 5.8 |
| PSG-TT4 | 6.0 | 5.0 | 5.7 | 6.0 | 4.3 | 6.3 | 5.3 | 6.7 | 6.0 | 5.7 | 6.0 | 5.8 |
| PST-5MVD | 6.3 | 6.0 | 6.0 | 6.0 | 6.0 | 6.3 | 5.3 | 6.3 | 5.3 | 5.3 | 6.0 | 5.8 |
| SALTILLO (PST-5SALT) | 6.3 | 5.7 | 5.3 | 6.0 | 4.7 | 6.3 | 6.0 | 6.3 | 6.3 | 4.3 | 6.3 | 5.8 |
| MEMPHIS (GO-DFR) | 6.7 | 4.3 | 6.0 | 6.7 | 4.0 | 6.3 | 5.7 | 6.0 | 5.7 | 5.3 | 6.7 | 5.7 |
| IS-TF 272 | 5.7 | 5.0 | 6.7 | 6.0 | 4.7 | 6.7 | 6.0 | 6.0 | 6.0 | 5.0 | 5.3 | 5.7 |
| K12-05 | 7.3 | 4.3 | 6.3 | 6.0 | 4.3 | 5.7 | 5.3 | 6.3 | 6.3 | 5.7 | 6.3 | 5.7 |
| MARAUDER | 6.7 | 5.7 | 5.0 | 5.7 | 4.3 | 6.0 | 6.0 | 6.7 | 5.3 | 5.0 | 6.3 | 5.7 |
| PST-5DZP | 6.7 | 6.0 | 5.3 | 6.3 | 5.0 | 6.0 | 6.3 | 6.0 | 6.3 | 4.3 | 5.7 | 5.7 |

TABLE 5. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT URBANA, IL 1/
2015 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 | | | | OCT | MEAN |
|------------------------|------------------|-------------------|-----------------|---------------------------|------|------|-----------------|------|------|------|------|------|
| | | | | | | | JUN | JUL | AUG | SEP | | |
| PST-5EX2 | 5.7 | 6.3 | 5.7 | 6.0 | 4.7 | 5.7 | 5.7 | 6.3 | 5.7 | 5.7 | 6.3 | 5.7 |
| RAD-TF-83 | 6.3 | 5.0 | 6.0 | 6.3 | 5.0 | 6.0 | 5.3 | 6.3 | 5.7 | 5.7 | 6.0 | 5.7 |
| RHAMBLER 2 SRP (LSD) | 5.7 | 4.7 | 5.0 | 6.3 | 5.3 | 6.3 | 6.0 | 6.0 | 5.3 | 5.0 | 6.0 | 5.7 |
| TEMPTATION (OR-21) | 6.3 | 5.0 | 4.7 | 6.7 | 4.3 | 6.0 | 5.7 | 6.3 | 6.0 | 5.3 | 6.3 | 5.7 |
| TURFWAY (IS-TF 282 M2) | 7.0 | 5.0 | 6.0 | 7.3 | 4.7 | 5.7 | 5.3 | 6.0 | 6.3 | 5.7 | 6.3 | 5.7 |
| BAR FA 121091 | 6.0 | 5.3 | 4.7 | 6.0 | 4.3 | 6.0 | 5.3 | 6.0 | 5.7 | 5.7 | 6.0 | 5.6 |
| FALCON IV | 5.7 | 5.7 | 4.7 | 5.7 | 5.0 | 6.3 | 5.7 | 6.3 | 5.7 | 4.7 | 5.7 | 5.6 |
| JS 809 | 6.3 | 5.0 | 5.7 | 6.0 | 4.7 | 5.3 | 6.3 | 6.3 | 6.0 | 5.3 | 5.3 | 5.6 |
| MERIDIAN (PST-5GRB) | 5.7 | 4.7 | 6.3 | 6.0 | 4.7 | 6.0 | 5.7 | 6.3 | 6.3 | 5.0 | 5.0 | 5.6 |
| PSG-8BP2 | 6.0 | 5.0 | 6.7 | 6.3 | 5.3 | 6.0 | 5.7 | 5.7 | 5.3 | 5.3 | 6.0 | 5.6 |
| PSG-GSD | 6.3 | 5.3 | 4.7 | 6.0 | 4.7 | 6.0 | 6.0 | 6.3 | 5.3 | 5.0 | 5.7 | 5.6 |
| FRONTLINE (EXP TF-09) | 7.0 | 5.0 | 5.3 | 6.7 | 4.3 | 6.0 | 5.7 | 5.3 | 5.3 | 5.3 | 6.7 | 5.5 |
| INSPIRATION (PST-R5NW) | 6.0 | 5.7 | 4.3 | 6.0 | 5.0 | 5.7 | 5.7 | 6.0 | 5.3 | 4.3 | 6.3 | 5.5 |
| WARHAWK | 6.0 | 5.3 | 5.0 | 6.0 | 4.0 | 6.7 | 5.7 | 6.0 | 5.0 | 5.3 | 5.7 | 5.5 |
| BAR FA 121095 | 6.0 | 4.0 | 5.3 | 6.0 | 3.7 | 5.7 | 5.3 | 6.0 | 5.7 | 5.0 | 6.3 | 5.4 |
| BAR FA 121089 | 6.3 | 5.0 | 4.7 | 6.3 | 4.7 | 6.0 | 5.3 | 5.7 | 4.7 | 5.3 | 5.3 | 5.3 |
| COMP. RES. SST | 6.7 | 4.3 | 5.7 | 6.3 | 3.7 | 6.0 | 5.0 | 6.7 | 5.7 | 5.0 | 5.0 | 5.3 |
| JS 825 | 5.7 | 4.7 | 5.0 | 6.0 | 4.3 | 6.3 | 5.3 | 6.3 | 4.7 | 4.7 | 5.7 | 5.3 |
| K12-13 | 6.7 | 3.3 | 6.3 | 6.3 | 3.7 | 5.3 | 5.0 | 6.0 | 5.7 | 5.3 | 6.3 | 5.3 |
| ANNIHILATOR | 6.3 | 5.7 | 6.0 | 5.7 | 4.3 | 5.3 | 5.0 | 6.0 | 5.7 | 5.0 | 5.3 | 5.2 |
| RAIN DANCE (PST-5SDT) | 5.7 | 5.3 | 4.7 | 6.0 | 4.7 | 6.0 | 4.7 | 5.7 | 5.3 | 4.3 | 5.7 | 5.2 |
| 204 RES. BLK4 | 6.3 | 6.0 | 6.0 | 6.3 | 4.3 | 5.3 | 4.7 | 5.7 | 4.7 | 4.7 | 6.0 | 5.0 |
| AQUADUCT | 6.0 | 5.0 | 4.7 | 5.7 | 4.3 | 6.0 | 5.0 | 4.7 | 4.3 | 5.0 | 5.7 | 5.0 |
| SWAGGER (PST-5R05) | 6.0 | 4.0 | 4.7 | 6.3 | 4.0 | 5.3 | 4.7 | 5.0 | 5.3 | 4.7 | 5.3 | 4.9 |
| BAR FA 120878 | 5.3 | 5.7 | 3.3 | 5.3 | 4.0 | 4.7 | 4.0 | 4.7 | 4.0 | 3.7 | 5.0 | 4.3 |
| KY-31 | 4.0 | 5.7 | 2.0 | 4.0 | 3.0 | 3.3 | 3.0 | 3.3 | 3.0 | 3.0 | 4.0 | 3.2 |
| LSD VALUE | 1.3 | 2.0 | 1.4 | 1.5 | 1.6 | 1.4 | 1.5 | 1.8 | 1.4 | 1.3 | 1.4 | 0.6 |
| C.V. (%) | 10.0 | 16.1 | 13.4 | 9.3 | 16.6 | 10.7 | 12.5 | 12.4 | 12.1 | 12.8 | 10.8 | 6.1 |

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 6.

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/
2015 DATA

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

| NAME | SPRING GREENUP | PERCENT COVER SUMMER | PERCENT COVER FALL | APR | MAY | JUN | QUALITY RATINGS | | | | | MEAN |
|------------------------------|-------------------|----------------------------|--------------------------|-----|-----|-----|-----------------|-----|-----|-----|-----|------|
| | | | | | | | JUL | AUG | SEP | OCT | NOV | |
| ROWDY (SRX-TPC) | 5.0 | 78.7 | 76.3 | 6.7 | 5.3 | 6.7 | 7.7 | 8.7 | 8.0 | 7.3 | 7.3 | 7.2 |
| FIRECRACKER SLS (PPG-TF-105) | 4.0 | 77.3 | 64.3 | 6.7 | 6.0 | 5.0 | 6.7 | 6.7 | 7.0 | 6.7 | 6.3 | 6.4 |
| PPG-TF-172 | 4.7 | 69.7 | 64.0 | 7.3 | 5.7 | 6.3 | 6.0 | 6.3 | 6.7 | 6.7 | 6.3 | 6.4 |
| TRAVERSE 2 SRP (W45) | 5.7 | 64.7 | 62.7 | 7.3 | 7.3 | 6.7 | 6.0 | 5.3 | 6.7 | 6.3 | 5.7 | 6.4 |
| MERIDIAN (PST-5GRB) | 4.0 | 72.0 | 61.3 | 6.7 | 5.7 | 6.3 | 6.3 | 6.3 | 7.3 | 6.3 | 5.7 | 6.3 |
| PST-5BRK | 4.3 | 58.3 | 63.0 | 7.7 | 6.7 | 6.7 | 6.3 | 6.0 | 6.0 | 5.7 | 5.3 | 6.3 |
| PST-5EX2 | 3.3 | 72.0 | 65.3 | 6.0 | 5.7 | 6.3 | 7.0 | 7.0 | 6.7 | 6.0 | 6.0 | 6.3 |
| SCREAMER LS (PPG-TF-148) | 4.0 | 68.7 | 73.0 | 7.3 | 5.7 | 5.7 | 6.0 | 6.0 | 6.7 | 7.0 | 6.3 | 6.3 |
| MET 1 | 5.3 | 59.0 | 50.7 | 7.0 | 6.3 | 6.7 | 6.7 | 6.7 | 5.7 | 5.7 | 5.0 | 6.2 |
| ATF 1612 | 3.0 | 47.3 | 58.0 | 5.7 | 5.3 | 5.7 | 6.0 | 6.3 | 6.0 | 6.7 | 6.3 | 6.0 |
| ATF 1704 | 3.0 | 72.7 | 61.3 | 6.7 | 5.0 | 5.3 | 6.0 | 6.0 | 7.0 | 6.7 | 5.7 | 6.0 |
| B23 | 3.7 | 67.7 | 59.7 | 6.3 | 5.3 | 6.0 | 6.3 | 6.7 | 5.7 | 5.7 | 6.3 | 6.0 |
| BAR FA 121089 | 4.3 | 65.0 | 66.7 | 6.7 | 4.7 | 5.7 | 6.0 | 6.7 | 6.7 | 6.3 | 5.7 | 6.0 |
| BIZEM | 4.3 | 58.3 | 35.3 | 7.0 | 6.3 | 6.0 | 5.7 | 5.3 | 6.3 | 6.0 | 5.0 | 6.0 |
| FESNOVA | 4.7 | 64.7 | 50.3 | 6.7 | 5.7 | 5.7 | 6.0 | 6.0 | 6.3 | 6.3 | 5.3 | 6.0 |
| FIREWALL (PSG-WE1) | 4.0 | 61.3 | 48.3 | 6.3 | 5.3 | 6.3 | 6.3 | 7.0 | 5.7 | 5.7 | 5.0 | 6.0 |
| PPG-TF-138 | 3.3 | 51.0 | 52.3 | 6.0 | 6.0 | 6.7 | 6.3 | 6.3 | 5.7 | 5.7 | 5.0 | 6.0 |
| FAYETTE (IS-TF 291) | 4.0 | 39.0 | 46.3 | 6.0 | 5.3 | 5.7 | 6.0 | 6.3 | 7.0 | 5.7 | 5.3 | 5.9 |
| GTO (BURL TF-2) | 4.0 | 55.3 | 55.0 | 6.3 | 5.7 | 6.0 | 6.0 | 5.7 | 6.3 | 5.7 | 5.3 | 5.9 |
| K12-MCD | 4.0 | 59.7 | 43.3 | 6.3 | 5.3 | 5.7 | 6.0 | 6.0 | 7.0 | 6.0 | 5.0 | 5.9 |
| CAESAR (TY 10) | 3.3 | 59.3 | 48.7 | 6.0 | 5.0 | 5.7 | 5.7 | 6.3 | 5.7 | 6.3 | 5.3 | 5.8 |
| CATALYST | 3.7 | 38.7 | 55.0 | 6.7 | 5.7 | 6.0 | 5.3 | 5.7 | 6.0 | 5.7 | 5.0 | 5.8 |
| PST-5BPO | 3.3 | 68.0 | 51.3 | 6.0 | 5.0 | 5.7 | 5.7 | 6.3 | 7.0 | 5.7 | 4.7 | 5.8 |
| RHAMBLER 2 SRP (LSD) | 5.0 | 53.0 | 40.7 | 7.0 | 6.0 | 6.3 | 6.3 | 6.3 | 5.0 | 5.7 | 3.7 | 5.8 |
| 4TH MILLENNIUM SRP (U43) | 3.3 | 53.3 | 57.3 | 6.7 | 5.0 | 5.7 | 5.7 | 6.0 | 5.3 | 5.7 | 5.7 | 5.7 |
| HOUSDOG8 (IS-TF 307 SEL) | 3.7 | 66.0 | 50.0 | 5.7 | 5.7 | 6.0 | 5.3 | 5.0 | 5.7 | 6.3 | 6.0 | 5.7 |
| ATF 1736 | 3.7 | 64.3 | 44.0 | 6.7 | 5.7 | 5.7 | 5.3 | 5.3 | 5.0 | 5.7 | 5.3 | 5.6 |
| FRONTLINE (EXP TF-09) | 4.3 | 56.3 | 35.0 | 5.7 | 5.0 | 6.0 | 6.0 | 6.0 | 6.0 | 5.3 | 4.7 | 5.6 |
| TITANIUM 2LS (PPG-TF-152) | 5.0 | 47.7 | 47.3 | 7.0 | 6.0 | 6.0 | 5.7 | 5.3 | 5.3 | 5.0 | 4.7 | 5.6 |
| MET-3 | 3.3 | 40.7 | 50.3 | 6.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.0 | 6.0 | 5.7 | 5.5 |
| IS-TF 272 | 3.3 | 49.3 | 36.7 | 5.7 | 4.7 | 5.3 | 5.3 | 5.0 | 6.0 | 6.0 | 5.0 | 5.4 |
| MAESTRO (T31) | 3.0 | 52.7 | 58.0 | 6.7 | 5.3 | 5.3 | 5.0 | 4.7 | 6.0 | 5.3 | 5.0 | 5.4 |
| WICHITA (PPG-TF-151) | 2.7 | 46.0 | 43.3 | 6.3 | 5.0 | 5.3 | 5.7 | 5.7 | 5.7 | 5.3 | 4.3 | 5.4 |
| PSG-TT4 | 3.3 | 54.7 | 63.0 | 5.0 | 4.7 | 5.0 | 5.3 | 5.3 | 6.3 | 6.0 | 5.7 | 5.4 |
| REFLECTION (U45) | 3.7 | 51.7 | 44.7 | 5.0 | 4.3 | 5.3 | 5.3 | 5.7 | 6.3 | 5.7 | 5.3 | 5.4 |
| SALTILLO (PST-5SALT) | 3.7 | 45.0 | 46.3 | 6.3 | 5.3 | 5.7 | 5.7 | 5.3 | 5.0 | 5.3 | 4.7 | 5.4 |
| TECHNIQUE (RZ2) | 3.3 | 51.0 | 44.0 | 5.7 | 4.3 | 5.0 | 5.3 | 5.3 | 6.3 | 5.7 | 5.3 | 5.4 |
| PSG-P01 | 3.0 | 49.3 | 42.3 | 5.7 | 4.3 | 5.0 | 5.3 | 5.7 | 5.7 | 5.7 | 5.3 | 5.3 |
| RAPTOR III (ZW 44) | 4.0 | 42.3 | 41.0 | 6.7 | 5.3 | 5.3 | 5.0 | 5.0 | 5.3 | 5.0 | 4.7 | 5.3 |
| TERRANO | 3.0 | 47.0 | 34.7 | 6.3 | 5.3 | 5.7 | 5.0 | 5.0 | 5.3 | 4.7 | 4.7 | 5.3 |
| F711 | 2.7 | 43.0 | 46.0 | 6.0 | 5.3 | 5.7 | 5.3 | 5.0 | 5.0 | 4.7 | 4.3 | 5.2 |
| HEMI | 3.7 | 54.3 | 48.0 | 6.0 | 5.3 | 5.3 | 5.3 | 5.0 | 5.0 | 4.7 | 4.7 | 5.2 |
| JS 809 | 4.0 | 56.7 | 36.0 | 5.3 | 4.7 | 5.3 | 5.3 | 5.7 | 5.7 | 5.3 | 4.3 | 5.2 |
| REBOUNDER (PICK-W43) | 3.7 | 57.3 | 49.7 | 5.7 | 4.0 | 4.7 | 5.0 | 5.7 | 5.7 | 5.7 | 5.0 | 5.2 |
| ROCKWELL (LTP-TWUU) | 3.3 | 37.7 | 30.3 | 5.7 | 6.0 | 5.7 | 5.3 | 5.0 | 5.3 | 4.3 | 4.0 | 5.2 |

TABLE 6.
(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/
2015 DATA

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

| NAME | SPRING GREENUP | PERCENT COVER SUMMER | PERCENT COVER FALL | QUALITY RATINGS | | | | | | | | MEAN |
|------------------------------|-------------------|----------------------------|--------------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|------|
| | | | | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | |
| EMBRACE (PST-5EV2) | 3.3 | 39.7 | 44.3 | 6.0 | 4.7 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.1 |
| FIREBIRD 2 | 3.7 | 47.0 | 33.3 | 6.0 | 5.0 | 5.0 | 5.0 | 4.7 | 5.3 | 5.3 | 4.7 | 5.1 |
| IS-TF 276 M2 | 5.0 | 35.3 | 36.3 | 6.3 | 5.3 | 5.3 | 5.7 | 5.3 | 4.7 | 4.3 | 3.7 | 5.1 |
| PPG-TF-169 | 2.3 | 47.7 | 47.3 | 4.7 | 4.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.7 | 5.0 | 5.1 |
| 'COMMANDER (PPG-TF-170) | 3.7 | 58.0 | 49.7 | 6.0 | 4.7 | 5.0 | 5.0 | 5.3 | 5.3 | 5.0 | 4.7 | 5.1 |
| PSG-GSD | 3.7 | 48.3 | 42.0 | 6.0 | 4.7 | 5.3 | 5.0 | 5.0 | 5.7 | 5.0 | 4.3 | 5.1 |
| RAD-TF-89 | 4.0 | 50.3 | 30.7 | 5.3 | 5.0 | 5.3 | 5.0 | 5.0 | 5.7 | 5.0 | 4.3 | 5.1 |
| PPG-TF-115 | 3.3 | 47.0 | 45.0 | 6.0 | 4.7 | 5.0 | 5.7 | 5.7 | 5.0 | 4.3 | 4.0 | 5.0 |
| PARAMOUNT (PPG-TF-137) | 4.0 | 48.0 | 32.7 | 6.0 | 5.0 | 5.3 | 5.0 | 5.3 | 4.7 | 4.7 | 4.3 | 5.0 |
| THUNDERSTRUCK (TD1) | 2.7 | 56.0 | 44.3 | 5.3 | 4.7 | 5.0 | 4.7 | 5.3 | 5.3 | 5.0 | 4.7 | 5.0 |
| WARHAWK | 4.0 | 54.7 | 43.3 | 5.7 | 5.0 | 5.3 | 4.7 | 4.3 | 5.7 | 5.0 | 4.3 | 5.0 |
| BLACK TAIL (PPG-TF-150) | 3.3 | 43.7 | 44.0 | 6.0 | 4.7 | 4.7 | 4.7 | 4.7 | 5.3 | 5.0 | 4.3 | 4.9 |
| FALCON IV | 4.7 | 44.3 | 33.3 | 5.7 | 5.7 | 5.3 | 5.0 | 4.3 | 4.7 | 4.7 | 4.0 | 4.9 |
| HOVER (BURL TF-69) | 3.0 | 20.0 | 29.3 | 5.7 | 5.0 | 5.0 | 4.7 | 4.7 | 4.3 | 4.7 | 5.0 | 4.9 |
| XTENDER (PPG-TF-139) | 4.0 | 33.3 | 29.0 | 6.3 | 5.3 | 5.3 | 5.0 | 5.0 | 4.7 | 4.0 | 3.3 | 4.9 |
| BAR FA 121095 | 2.7 | 52.3 | 39.3 | 4.7 | 4.3 | 4.7 | 4.7 | 4.7 | 4.7 | 5.3 | 5.0 | 4.8 |
| IS-TF 269 SEL | 4.0 | 36.0 | 33.0 | 5.3 | 5.3 | 5.0 | 4.7 | 3.7 | 4.3 | 5.0 | 4.7 | 4.8 |
| CROSSFIRE 4 (IS-TF 310 SEL) | 3.0 | 37.7 | 35.3 | 6.0 | 5.7 | 5.3 | 4.7 | 4.0 | 4.3 | 4.0 | 4.3 | 4.8 |
| JS 916 | 3.0 | 36.7 | 47.0 | 5.7 | 4.7 | 5.0 | 4.7 | 4.7 | 4.3 | 4.3 | 5.3 | 4.8 |
| LEONARDO (LTP-FSD) | 3.0 | 39.0 | 37.0 | 6.0 | 4.3 | 4.7 | 4.7 | 5.0 | 4.3 | 4.3 | 4.7 | 4.8 |
| BLOODHOUND (MET 6 SEL) | 3.7 | 43.0 | 37.0 | 6.0 | 5.0 | 5.0 | 4.7 | 4.3 | 4.7 | 4.0 | 4.7 | 4.8 |
| RAIN DANCE (PST-5SDT) | 2.7 | 49.3 | 44.7 | 4.7 | 4.0 | 5.0 | 5.0 | 5.3 | 5.0 | 4.7 | 4.7 | 4.8 |
| REGENERATE | 2.7 | 48.3 | 41.3 | 6.0 | 5.0 | 4.7 | 5.0 | 4.7 | 4.7 | 4.3 | 4.3 | 4.8 |
| ANNIHILATOR | 3.3 | 41.0 | 53.7 | 4.0 | 4.3 | 4.7 | 5.0 | 5.0 | 4.3 | 4.7 | 5.7 | 4.7 |
| ATF 1754 | 3.0 | 38.7 | 33.3 | 5.3 | 4.7 | 5.0 | 4.3 | 4.7 | 5.0 | 4.3 | 4.0 | 4.7 |
| FAITH | 3.3 | 37.7 | 34.7 | 5.3 | 4.3 | 4.7 | 4.7 | 4.7 | 5.3 | 4.7 | 4.0 | 4.7 |
| IS-TF-287 | 3.3 | 48.7 | 36.7 | 5.7 | 5.0 | 5.3 | 4.7 | 4.3 | 4.3 | 4.3 | 4.0 | 4.7 |
| RAD-TF-83 | 2.7 | 45.3 | 46.0 | 5.3 | 4.3 | 4.7 | 4.3 | 4.3 | 5.0 | 5.0 | 4.3 | 4.7 |
| FALCON V | 3.7 | 43.7 | 26.3 | 5.3 | 4.3 | 4.7 | 4.7 | 4.7 | 5.0 | 4.0 | 4.0 | 4.6 |
| RHIZING MOON (IS-TF 305 SEL) | 4.0 | 39.7 | 35.3 | 6.0 | 4.3 | 4.7 | 4.7 | 5.0 | 4.0 | 4.0 | 4.0 | 4.6 |
| KINGDOM (DB1) | 3.0 | 39.0 | 43.7 | 5.0 | 4.0 | 4.7 | 4.3 | 4.3 | 5.3 | 5.0 | 4.0 | 4.6 |
| AQUADUCT | 4.0 | 41.3 | 32.7 | 4.7 | 4.3 | 4.7 | 4.7 | 4.7 | 4.3 | 4.7 | 4.0 | 4.5 |
| AVENGER II (PPG-TF-156) | 5.0 | 29.3 | 28.3 | 6.3 | 5.3 | 5.0 | 4.3 | 3.7 | 4.0 | 3.3 | 4.3 | 4.5 |
| DIABLO (IS-TF 330) | 3.3 | 29.7 | 39.7 | 4.7 | 4.7 | 4.7 | 4.3 | 4.3 | 4.3 | 4.3 | 4.7 | 4.5 |
| MICHELANGELO (LTP-F5DPDR) | 3.0 | 33.0 | 32.7 | 5.0 | 4.0 | 4.3 | 4.3 | 4.7 | 4.7 | 4.3 | 4.3 | 4.5 |
| PSG-8BP2 | 3.3 | 25.0 | 21.7 | 5.0 | 4.3 | 4.7 | 5.0 | 5.0 | 3.7 | 4.0 | 4.0 | 4.5 |
| PST-5MVD | 3.3 | 40.7 | 37.7 | 5.3 | 4.3 | 4.7 | 4.3 | 4.3 | 4.3 | 4.7 | 4.3 | 4.5 |
| TURFWAY (IS-TF 282 M2) | 2.7 | 37.3 | 38.7 | 5.0 | 4.3 | 4.7 | 4.3 | 4.7 | 5.0 | 4.3 | 3.7 | 4.5 |
| FOXHOUND (IS-TF 284 M2) | 3.0 | 37.3 | 47.3 | 4.0 | 4.3 | 5.0 | 4.7 | 5.0 | 4.3 | 4.0 | 4.0 | 4.4 |
| GRANDE 3 | 4.3 | 34.0 | 33.0 | 5.3 | 3.7 | 4.0 | 4.0 | 4.3 | 4.7 | 4.7 | 4.3 | 4.4 |
| JS 818 | 2.0 | 38.7 | 26.0 | 5.0 | 4.3 | 4.7 | 4.3 | 4.3 | 4.7 | 4.0 | 3.7 | 4.4 |
| RAD-TF-92 | 3.0 | 39.0 | 36.0 | 5.3 | 5.0 | 4.7 | 4.3 | 4.0 | 4.3 | 4.0 | 3.7 | 4.4 |
| AMITY (CCR2) | 2.7 | 35.3 | 49.0 | 4.3 | 3.3 | 4.0 | 4.0 | 4.7 | 4.7 | 4.0 | 5.0 | 4.3 |
| JS 819 | 4.0 | 34.0 | 27.7 | 4.3 | 3.7 | 4.0 | 4.0 | 4.3 | 5.0 | 4.7 | 4.3 | 4.3 |
| K12-13 | 2.3 | 31.7 | 23.0 | 4.0 | 4.0 | 4.7 | 5.0 | 5.0 | 5.0 | 3.7 | 3.0 | 4.3 |

TABLE 6.
(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/
2015 DATA

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

| NAME | SPRING GREENUP | PERCENT COVER SUMMER | PERCENT COVER FALL | QUALITY RATINGS | | | | | | | | MEAN |
|--------------------------|-------------------|----------------------------|--------------------------|-----------------|------|------|------|------|------|------|------|------|
| | | | | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | |
| PST-5DZP | 4.0 | 35.7 | 24.3 | 5.3 | 4.3 | 4.3 | 3.7 | 3.3 | 5.3 | 4.7 | 3.7 | 4.3 |
| TEMPLE (DZ1) | 3.7 | 36.0 | 30.0 | 5.3 | 4.0 | 4.0 | 3.7 | 3.7 | 4.7 | 4.7 | 4.3 | 4.3 |
| TEMPTATION (OR-21) | 3.0 | 45.0 | 32.7 | 4.7 | 3.7 | 4.3 | 4.7 | 5.3 | 4.3 | 3.7 | 3.7 | 4.3 |
| W41 | 3.0 | 33.7 | 30.0 | 5.0 | 4.0 | 4.7 | 4.3 | 4.3 | 4.0 | 4.3 | 4.0 | 4.3 |
| BULLSEYE | 4.0 | 31.3 | 28.7 | 4.7 | 4.7 | 4.7 | 4.3 | 3.7 | 4.0 | 3.7 | 4.0 | 4.2 |
| NIGHTCRAWLER (IS-TF 285) | 4.3 | 34.0 | 28.3 | 5.3 | 4.0 | 4.3 | 4.0 | 4.3 | 4.3 | 3.7 | 3.3 | 4.2 |
| THOR (PPG-TF-157) | 3.3 | 39.3 | 42.0 | 4.0 | 2.7 | 3.3 | 4.0 | 4.7 | 4.7 | 5.0 | 4.7 | 4.1 |
| BAR FA 121091 | 2.3 | 33.0 | 34.7 | 4.0 | 3.3 | 4.7 | 4.3 | 3.3 | 4.0 | 4.3 | 4.3 | 4.0 |
| HOT ROD (BURL TF-136) | 3.7 | 25.7 | 41.7 | 5.0 | 4.0 | 3.7 | 3.7 | 3.3 | 4.3 | 4.3 | 4.0 | 4.0 |
| JS 825 | 2.3 | 33.3 | 27.7 | 5.3 | 4.3 | 4.3 | 4.0 | 3.7 | 3.7 | 3.0 | 3.3 | 4.0 |
| INSPIRATION (PST-R5NW) | 3.0 | 25.0 | 24.3 | 4.7 | 4.3 | 4.3 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.9 |
| IS-TF 311 | 4.0 | 25.0 | 24.3 | 4.7 | 4.0 | 4.0 | 4.3 | 4.3 | 3.3 | 3.3 | 3.3 | 3.9 |
| MARAUDER | 2.0 | 26.3 | 36.7 | 3.3 | 2.7 | 3.7 | 4.0 | 4.0 | 4.7 | 4.3 | 4.3 | 3.9 |
| KY-31 | 4.0 | 22.3 | 36.7 | 4.7 | 3.0 | 3.7 | 3.3 | 4.0 | 4.0 | 4.3 | 3.3 | 3.8 |
| MEMPHIS (GO-DFR) | 2.7 | 26.0 | 22.3 | 3.7 | 4.0 | 4.0 | 3.7 | 3.7 | 4.3 | 3.0 | 3.0 | 3.7 |
| IS-TF 308 SEL | 3.0 | 32.3 | 25.3 | 4.3 | 3.3 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 |
| UNITUS (IS-TF 289) | 3.0 | 26.3 | 20.7 | 5.0 | 3.7 | 3.7 | 3.0 | 3.0 | 3.3 | 3.0 | 3.3 | 3.5 |
| K12-05 | 2.0 | 26.3 | 25.7 | 3.3 | 3.3 | 3.7 | 3.3 | 3.3 | 3.7 | 3.3 | 3.7 | 3.5 |
| OLYMPUS (RAD-TF-88) | 2.0 | 13.3 | 25.3 | 4.0 | 3.3 | 3.3 | 3.3 | 3.0 | 3.3 | 3.7 | 3.7 | 3.5 |
| DYNAMITE LS (PPG-TF-145) | 1.7 | 28.7 | 19.3 | 4.0 | 3.0 | 3.3 | 3.3 | 3.3 | 3.3 | 3.0 | 2.3 | 3.2 |
| 204 RES. BLK4 | 2.7 | 29.7 | 15.0 | 3.0 | 3.0 | 3.3 | 3.3 | 3.0 | 2.7 | 3.0 | 3.0 | 3.0 |
| ARES (PPG-TF-142) | 1.7 | 17.7 | 15.0 | 3.0 | 3.0 | 3.3 | 3.0 | 3.0 | 2.7 | 2.3 | 3.3 | 3.0 |
| COMP. RES. SST | 2.0 | 12.3 | 14.7 | 3.0 | 2.7 | 3.0 | 3.3 | 3.3 | 3.0 | 2.7 | 2.7 | 3.0 |
| PPG-TF-135 | 2.3 | 14.3 | 20.3 | 4.0 | 2.7 | 3.0 | 2.7 | 2.7 | 2.7 | 2.7 | 3.3 | 3.0 |
| BAR FA 120878 | 2.3 | 13.0 | 21.7 | 3.0 | 2.3 | 3.0 | 2.7 | 3.0 | 2.3 | 2.3 | 2.0 | 2.6 |
| SWAGGER (PST-5R05) | 1.7 | 8.7 | 11.0 | 3.3 | 2.7 | 3.0 | 2.3 | 2.3 | 2.3 | 2.0 | 2.0 | 2.5 |
| LSD VALUE | 1.8 | 125.3 | 110.2 | 3.8 | 3.8 | 5.3 | 5.8 | 7.9 | 10.0 | 7.9 | 6.8 | 5.0 |
| C.V. (%) | 27.0 | 60.1 | 58.2 | 27.1 | 29.6 | 28.8 | 32.4 | 37.4 | 39.9 | 38.7 | 35.7 | 29.4 |

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 7.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT WEST LAFAYETTE, IN 1/
2015 DATA

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

| NAME | QUALITY RATINGS | | | | | | | | | | | |
|------------------------------|------------------|-------------------|-----------------|-------------------|-----|-----|-----|-----|-----|-----|-----|------|
| | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | DENSITY SUMMER | MAY | JUN | JUL | AUG | SEP | OCT | NOV | MEAN |
| 4TH MILLENNIUM SRP (U43) | 7.3 | 4.3 | 6.7 | 7.0 | 7.0 | 6.7 | 7.0 | 7.0 | 6.0 | 6.7 | 6.7 | 6.7 |
| B23 | 7.0 | 3.7 | 6.7 | 6.3 | 7.0 | 6.3 | 7.3 | 7.0 | 5.0 | 6.0 | 6.3 | 6.4 |
| HEMI | 6.7 | 3.7 | 6.3 | 6.0 | 6.7 | 6.7 | 7.7 | 6.3 | 5.0 | 6.0 | 6.7 | 6.4 |
| FAYETTE (IS-TF 291) | 7.3 | 3.7 | 6.7 | 7.0 | 6.7 | 6.0 | 6.7 | 6.3 | 5.7 | 5.7 | 7.0 | 6.3 |
| FIRECRACKER SLS (PPG-TF-105) | 8.3 | 3.0 | 6.7 | 7.3 | 6.7 | 6.0 | 6.7 | 6.7 | 5.7 | 6.0 | 6.7 | 6.3 |
| HOT ROD (BURL TF-136) | 7.3 | 4.0 | 6.0 | 7.0 | 6.3 | 6.0 | 7.0 | 6.7 | 5.3 | 6.0 | 6.7 | 6.3 |
| REFLECTION (U45) | 7.7 | 3.7 | 6.3 | 6.7 | 6.7 | 6.0 | 7.3 | 6.0 | 5.3 | 6.0 | 7.0 | 6.3 |
| REGENERATE | 7.7 | 3.7 | 7.0 | 7.3 | 7.0 | 6.3 | 7.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.3 |
| TITANIUM 2LS (PPG-TF-152) | 7.7 | 3.3 | 6.3 | 6.7 | 7.3 | 6.0 | 6.7 | 6.7 | 5.0 | 6.0 | 6.3 | 6.3 |
| AMITY (CCR2) | 7.7 | 4.0 | 6.7 | 7.7 | 6.7 | 6.3 | 7.0 | 5.7 | 5.3 | 5.7 | 6.7 | 6.2 |
| F711 | 7.7 | 4.3 | 6.0 | 6.3 | 6.3 | 6.3 | 7.3 | 6.3 | 5.3 | 5.7 | 6.0 | 6.2 |
| IS-TF 269 SEL | 7.7 | 3.7 | 6.0 | 6.7 | 7.0 | 6.3 | 6.3 | 6.7 | 5.3 | 5.7 | 6.3 | 6.2 |
| RAPTOR III (ZW 44) | 7.3 | 4.0 | 6.7 | 6.7 | 6.7 | 6.0 | 7.3 | 7.0 | 4.7 | 5.3 | 6.3 | 6.2 |
| AVENGER II (PPG-TF-156) | 7.0 | 3.0 | 6.3 | 6.3 | 6.3 | 6.0 | 6.7 | 7.3 | 5.0 | 5.7 | 6.0 | 6.1 |
| CATALYST | 7.3 | 5.0 | 6.3 | 7.0 | 6.3 | 6.0 | 7.7 | 6.7 | 4.7 | 5.0 | 6.7 | 6.1 |
| FIREBIRD 2 | 7.0 | 3.3 | 6.7 | 6.7 | 6.7 | 6.0 | 6.7 | 6.3 | 4.7 | 5.7 | 6.7 | 6.1 |
| IS-TF 311 | 7.0 | 3.7 | 6.3 | 6.7 | 6.3 | 6.0 | 6.7 | 6.0 | 5.3 | 6.0 | 6.3 | 6.1 |
| MAESTRO (T31) | 7.0 | 4.0 | 6.0 | 6.7 | 6.7 | 6.0 | 6.3 | 6.3 | 5.3 | 6.0 | 6.3 | 6.1 |
| MERIDIAN (PST-5GRB) | 6.7 | 3.7 | 6.3 | 7.3 | 6.3 | 6.0 | 7.0 | 6.3 | 5.0 | 5.3 | 6.7 | 6.1 |
| MET 1 | 7.3 | 4.0 | 6.0 | 7.0 | 6.7 | 6.3 | 6.7 | 6.0 | 5.3 | 5.7 | 6.0 | 6.1 |
| SCREAMER LS (PPG-TF-148) | 7.7 | 4.0 | 6.3 | 6.3 | 6.3 | 6.7 | 6.7 | 6.7 | 5.0 | 5.7 | 6.0 | 6.1 |
| EMBRACE (PST-5EV2) | 6.3 | 4.0 | 6.0 | 6.0 | 6.3 | 6.3 | 6.7 | 6.0 | 4.7 | 5.7 | 6.0 | 6.0 |
| FAITH | 7.7 | 4.7 | 6.3 | 6.0 | 6.0 | 6.3 | 6.7 | 6.3 | 5.0 | 5.7 | 5.7 | 6.0 |
| FIREWALL (PSG-WE1) | 7.0 | 4.3 | 6.7 | 6.0 | 5.7 | 6.7 | 6.3 | 6.0 | 5.3 | 5.7 | 6.7 | 6.0 |
| GRANDE 3 | 7.0 | 4.0 | 6.0 | 6.7 | 6.3 | 6.0 | 6.0 | 6.3 | 5.3 | 6.0 | 6.0 | 6.0 |
| GTO (BURL TF-2) | 6.7 | 4.0 | 5.7 | 6.3 | 6.3 | 6.0 | 6.3 | 6.0 | 5.0 | 5.7 | 6.3 | 6.0 |
| NIGHTCRAWLER (IS-TF 285) | 7.3 | 3.3 | 6.0 | 6.7 | 6.3 | 6.0 | 6.7 | 6.3 | 5.0 | 5.3 | 6.0 | 6.0 |
| RHIZING MOON (IS-TF 305 SEL) | 7.3 | 4.0 | 6.0 | 6.0 | 6.3 | 6.0 | 6.0 | 7.0 | 5.0 | 5.7 | 5.7 | 6.0 |
| BLOODHOUND (MET 6 SEL) | 7.0 | 4.0 | 6.0 | 6.7 | 7.0 | 6.0 | 6.3 | 5.7 | 5.0 | 5.7 | 6.3 | 6.0 |
| PPG-TF-115 | 7.0 | 4.0 | 6.0 | 7.0 | 6.3 | 5.7 | 6.3 | 6.3 | 5.3 | 5.7 | 6.0 | 6.0 |
| PPG-TF-135 | 6.7 | 3.3 | 6.3 | 6.7 | 7.0 | 6.0 | 6.0 | 6.0 | 5.0 | 5.7 | 6.3 | 6.0 |
| PARAMOUNT (PPG-TF-137) | 7.0 | 3.0 | 6.3 | 7.0 | 6.7 | 6.0 | 6.0 | 5.7 | 5.0 | 5.7 | 6.7 | 6.0 |
| PPG-TF-138 | 6.7 | 3.7 | 6.3 | 6.7 | 6.0 | 6.3 | 6.3 | 6.3 | 5.0 | 5.7 | 6.3 | 6.0 |
| 'COMMANDER (PPG-TF-170) | 7.3 | 3.7 | 6.3 | 7.3 | 6.7 | 6.3 | 6.3 | 6.0 | 5.0 | 6.0 | 6.0 | 6.0 |
| PSG-GSD | 7.3 | 3.7 | 6.0 | 6.3 | 6.0 | 6.3 | 6.3 | 6.0 | 5.3 | 5.7 | 6.3 | 6.0 |
| W41 | 7.0 | 4.0 | 5.7 | 6.3 | 6.7 | 6.3 | 6.3 | 6.0 | 5.0 | 5.3 | 6.7 | 6.0 |
| XTENDER (PPG-TF-139) | 7.3 | 3.3 | 6.7 | 6.0 | 5.7 | 6.3 | 7.0 | 6.3 | 5.0 | 5.3 | 6.0 | 6.0 |
| BIZEM | 7.0 | 3.3 | 6.3 | 6.3 | 6.7 | 6.0 | 6.7 | 6.0 | 5.0 | 5.3 | 5.7 | 5.9 |
| FALCON IV | 7.3 | 3.7 | 5.7 | 6.3 | 5.7 | 6.3 | 6.3 | 6.0 | 5.0 | 6.0 | 5.7 | 5.9 |
| UNITUS (IS-TF 289) | 7.7 | 3.7 | 6.0 | 6.3 | 6.3 | 6.0 | 6.0 | 6.3 | 5.0 | 6.0 | 5.7 | 5.9 |
| MICHELANGELO (LTP-F5DPDR) | 7.0 | 4.0 | 5.3 | 6.3 | 6.3 | 6.0 | 6.0 | 6.3 | 5.3 | 5.3 | 5.7 | 5.9 |
| REBOUNDER (PICK-W43) | 7.7 | 4.3 | 5.3 | 6.3 | 6.3 | 5.3 | 6.3 | 6.3 | 5.3 | 5.7 | 6.0 | 5.9 |
| PPG-TF-169 | 7.0 | 3.7 | 6.0 | 6.0 | 6.0 | 6.3 | 6.0 | 5.7 | 5.3 | 6.0 | 5.7 | 5.9 |
| PSG-P01 | 7.0 | 3.7 | 6.3 | 6.0 | 6.0 | 6.0 | 6.3 | 6.3 | 5.3 | 5.7 | 5.7 | 5.9 |
| PST-5BRK | 6.7 | 3.7 | 5.7 | 6.0 | 6.3 | 6.0 | 6.0 | 6.0 | 5.0 | 5.7 | 6.0 | 5.9 |

TABLE 7. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT WEST LAFAYETTE, IN 1/
2015 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | DENSITY SUMMER | QUALITY RATINGS | | | | | | | MEAN |
|-----------------------------|------------------|-------------------|-----------------|-------------------|-----------------|-----|-----|-----|-----|-----|-----|------|
| | | | | | MAY | JUN | JUL | AUG | SEP | OCT | NOV | |
| RHAMBLER 2 SRP (LSD) | 8.0 | 3.7 | 6.0 | 6.3 | 6.7 | 6.3 | 6.0 | 6.7 | 4.7 | 5.3 | 5.7 | 5.9 |
| ROCKWELL (LTP-TWUU) | 7.3 | 4.0 | 6.0 | 6.3 | 6.3 | 6.0 | 6.3 | 6.0 | 4.7 | 5.3 | 6.7 | 5.9 |
| ROWDY (SRX-TPC) | 7.3 | 3.7 | 5.7 | 6.3 | 7.0 | 6.0 | 6.0 | 6.3 | 4.3 | 5.3 | 6.0 | 5.9 |
| SALTILLO (PST-5SALT) | 7.0 | 3.3 | 5.7 | 5.7 | 6.3 | 6.0 | 6.3 | 6.3 | 5.0 | 5.3 | 6.0 | 5.9 |
| TECHNIQUE (RZ2) | 7.0 | 3.7 | 6.7 | 6.3 | 6.3 | 6.3 | 6.7 | 6.0 | 5.0 | 5.7 | 5.3 | 5.9 |
| THOR (PPG-TF-157) | 7.3 | 3.3 | 6.0 | 6.3 | 6.3 | 6.0 | 6.0 | 6.7 | 5.0 | 5.0 | 6.3 | 5.9 |
| TRAVERSE 2 SRP (W45) | 7.7 | 3.7 | 6.7 | 6.7 | 6.7 | 5.7 | 6.3 | 6.3 | 5.3 | 5.7 | 5.3 | 5.9 |
| TURFWAY (IS-TF 282 M2) | 7.7 | 3.7 | 6.3 | 6.3 | 6.3 | 5.3 | 6.7 | 6.3 | 5.3 | 5.7 | 5.7 | 5.9 |
| ATF 1612 | 7.0 | 4.0 | 6.3 | 6.0 | 6.0 | 5.7 | 6.3 | 5.7 | 5.3 | 5.7 | 6.0 | 5.8 |
| ATF 1704 | 6.7 | 3.7 | 6.0 | 6.0 | 5.7 | 5.7 | 6.7 | 6.3 | 4.7 | 5.3 | 6.3 | 5.8 |
| ATF 1754 | 6.7 | 3.7 | 5.7 | 7.0 | 6.7 | 6.0 | 6.3 | 6.0 | 4.3 | 5.3 | 6.0 | 5.8 |
| BULLSEYE | 7.0 | 4.7 | 6.0 | 5.7 | 6.3 | 6.0 | 6.7 | 6.3 | 4.3 | 5.3 | 5.7 | 5.8 |
| DYNAMITE LS (PPG-TF-145) | 7.0 | 4.0 | 6.0 | 7.0 | 6.0 | 6.0 | 6.3 | 6.0 | 5.3 | 5.0 | 6.0 | 5.8 |
| FALCON V | 7.0 | 5.0 | 5.7 | 7.0 | 5.7 | 5.7 | 6.7 | 6.7 | 4.7 | 5.3 | 6.0 | 5.8 |
| MEMPHIS (GO-DFR) | 7.3 | 3.7 | 6.0 | 5.7 | 6.3 | 6.0 | 6.3 | 5.7 | 5.3 | 5.7 | 5.0 | 5.8 |
| HOUND0G8 (IS-TF 307 SEL) | 7.3 | 3.7 | 6.3 | 6.0 | 6.7 | 6.0 | 6.7 | 5.7 | 4.7 | 5.0 | 5.7 | 5.8 |
| IS-TF 308 SEL | 7.7 | 4.0 | 6.7 | 6.7 | 6.0 | 6.3 | 6.3 | 6.0 | 5.0 | 5.3 | 5.7 | 5.8 |
| CROSSFIRE 4 (IS-TF 310 SEL) | 7.3 | 3.7 | 6.0 | 6.3 | 6.0 | 6.0 | 6.7 | 6.0 | 4.7 | 5.3 | 5.7 | 5.8 |
| JS 916 | 7.0 | 3.7 | 6.3 | 5.7 | 6.0 | 5.3 | 6.3 | 5.7 | 4.7 | 6.0 | 6.3 | 5.8 |
| KINGDOM (DB1) | 7.7 | 3.7 | 6.0 | 6.0 | 5.7 | 6.0 | 6.3 | 6.0 | 5.0 | 5.7 | 5.7 | 5.8 |
| WICHITA (PPG-TF-151) | 7.7 | 3.3 | 5.7 | 6.0 | 6.7 | 5.7 | 6.0 | 6.3 | 5.0 | 5.3 | 5.3 | 5.8 |
| PPG-TF-172 | 7.0 | 3.3 | 6.0 | 6.3 | 6.0 | 6.0 | 6.0 | 6.0 | 4.7 | 6.0 | 5.7 | 5.8 |
| PSG-8BP2 | 7.0 | 3.7 | 5.7 | 6.0 | 6.0 | 6.0 | 6.3 | 6.0 | 5.0 | 5.7 | 5.7 | 5.8 |
| PST-5BPO | 6.7 | 3.3 | 5.3 | 6.7 | 6.0 | 5.7 | 6.3 | 6.0 | 5.0 | 5.7 | 5.7 | 5.8 |
| AQUADUCT | 6.3 | 3.7 | 6.0 | 6.0 | 6.3 | 5.7 | 6.0 | 5.3 | 5.0 | 5.3 | 6.0 | 5.7 |
| ATF 1736 | 7.0 | 4.0 | 5.7 | 6.0 | 6.3 | 5.7 | 6.0 | 6.0 | 5.0 | 5.7 | 5.3 | 5.7 |
| BLACK TAIL (PPG-TF-150) | 6.7 | 3.7 | 6.3 | 6.0 | 6.7 | 5.7 | 6.3 | 5.7 | 4.3 | 5.3 | 5.7 | 5.7 |
| CAESAR (TY 10) | 7.7 | 3.3 | 5.7 | 5.7 | 6.3 | 6.0 | 5.7 | 5.3 | 4.7 | 5.7 | 6.0 | 5.7 |
| DIABLO (IS-TF 330) | 7.7 | 3.7 | 6.0 | 6.0 | 6.0 | 5.7 | 6.3 | 6.0 | 5.0 | 5.3 | 5.7 | 5.7 |
| FESNOVA | 6.3 | 4.0 | 6.0 | 6.0 | 6.3 | 5.3 | 6.0 | 6.3 | 5.0 | 5.3 | 5.3 | 5.7 |
| HOVER (BURL TF-69) | 7.3 | 4.0 | 6.0 | 7.0 | 5.7 | 5.7 | 6.3 | 6.0 | 5.0 | 5.7 | 5.7 | 5.7 |
| IS-TF 276 M2 | 7.3 | 3.0 | 6.0 | 6.7 | 6.3 | 5.7 | 6.0 | 5.7 | 5.0 | 5.3 | 6.0 | 5.7 |
| K12-MCD | 7.0 | 3.7 | 6.0 | 5.3 | 6.0 | 5.7 | 6.3 | 5.7 | 5.0 | 5.0 | 6.0 | 5.7 |
| MET-3 | 7.0 | 3.3 | 6.7 | 5.7 | 5.7 | 5.7 | 6.0 | 6.3 | 5.0 | 5.0 | 6.3 | 5.7 |
| PSG-TT4 | 6.7 | 4.3 | 6.3 | 5.7 | 6.3 | 5.7 | 5.7 | 5.3 | 5.0 | 5.3 | 6.3 | 5.7 |
| PST-5DZP | 6.7 | 4.7 | 6.0 | 6.0 | 6.3 | 5.3 | 6.0 | 6.0 | 5.0 | 5.0 | 6.0 | 5.7 |
| PST-5MVD | 6.7 | 3.3 | 6.0 | 6.0 | 6.3 | 6.0 | 6.0 | 5.7 | 4.7 | 5.3 | 6.0 | 5.7 |
| OLYMPUS (RAD-TF-88) | 7.0 | 4.0 | 6.3 | 6.3 | 6.0 | 5.7 | 6.7 | 5.3 | 4.7 | 5.3 | 6.0 | 5.7 |
| TEMPLE (DZ1) | 6.3 | 3.7 | 6.0 | 6.3 | 6.0 | 5.7 | 6.3 | 6.0 | 5.0 | 5.0 | 5.7 | 5.7 |
| ARES (PPG-TF-142) | 6.7 | 4.0 | 6.0 | 6.0 | 6.3 | 6.0 | 6.0 | 5.7 | 5.0 | 5.0 | 5.3 | 5.6 |
| FOXHOUND (IS-TF 284 M2) | 7.7 | 3.7 | 6.0 | 5.7 | 5.7 | 5.3 | 5.7 | 6.3 | 5.0 | 5.7 | 5.7 | 5.6 |
| INSPIRATION (PST-R5NW) | 7.7 | 5.0 | 6.0 | 5.7 | 6.0 | 5.7 | 5.7 | 6.3 | 5.3 | 5.3 | 5.0 | 5.6 |
| IS-TF 272 | 7.7 | 4.0 | 6.7 | 6.3 | 6.0 | 5.3 | 6.3 | 6.0 | 5.0 | 5.0 | 5.3 | 5.6 |
| LEONARDO (LTP-FSD) | 7.0 | 3.7 | 5.7 | 6.0 | 5.7 | 6.0 | 5.7 | 6.0 | 5.0 | 5.7 | 5.3 | 5.6 |
| RAD-TF-83 | 7.7 | 3.7 | 5.3 | 5.7 | 6.3 | 5.3 | 5.7 | 5.3 | 5.3 | 5.7 | 5.3 | 5.6 |

TABLE 7. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT WEST LAFAYETTE, IN 1/
2015 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | DENSITY SUMMER | QUALITY RATINGS | | | | | OCT | NOV | MEAN |
|-----------------------|------------------|-------------------|-----------------|-------------------|-----------------|-----|-----|-----|------|------|------|------|
| | | | | | MAY | JUN | JUL | AUG | SEP | | | |
| RAD-TF-92 | 7.0 | 4.0 | 5.3 | 5.7 | 5.7 | 5.3 | 5.7 | 6.0 | 5.0 | 5.7 | 5.7 | 5.6 |
| THUNDERSTRUCK (TD1) | 7.7 | 4.3 | 6.0 | 5.3 | 6.0 | 5.7 | 6.3 | 5.7 | 4.7 | 5.0 | 6.0 | 5.6 |
| BAR FA 121095 | 7.0 | 3.7 | 5.7 | 5.3 | 6.0 | 5.3 | 5.7 | 5.7 | 4.7 | 5.3 | 5.7 | 5.5 |
| IS-TF-287 | 6.3 | 4.7 | 5.7 | 5.0 | 6.0 | 6.0 | 6.0 | 5.3 | 4.7 | 5.0 | 5.7 | 5.5 |
| JS 819 | 6.3 | 3.3 | 6.0 | 5.3 | 6.0 | 5.7 | 5.7 | 5.7 | 4.3 | 5.3 | 6.0 | 5.5 |
| PST-5EX2 | 6.0 | 5.0 | 5.3 | 6.0 | 5.7 | 5.0 | 6.3 | 5.7 | 5.0 | 5.3 | 5.7 | 5.5 |
| RAIN DANCE (PST-5SDT) | 6.7 | 4.3 | 5.3 | 5.3 | 6.3 | 5.0 | 5.7 | 6.0 | 4.7 | 5.7 | 5.3 | 5.5 |
| TERRANO | 7.0 | 3.7 | 5.7 | 6.3 | 6.3 | 6.0 | 6.0 | 5.3 | 4.7 | 5.0 | 5.3 | 5.5 |
| FRONTLINE (EXP TF-09) | 7.7 | 4.7 | 5.3 | 5.3 | 6.3 | 5.0 | 5.0 | 5.0 | 5.0 | 5.3 | 6.0 | 5.4 |
| JS 809 | 6.3 | 4.3 | 5.7 | 5.3 | 6.3 | 5.7 | 5.7 | 4.7 | 5.0 | 5.0 | 5.7 | 5.4 |
| JS 818 | 6.7 | 4.0 | 5.7 | 5.3 | 6.3 | 5.3 | 6.3 | 5.3 | 4.3 | 5.0 | 5.0 | 5.4 |
| K12-05 | 6.7 | 3.3 | 6.0 | 6.3 | 6.0 | 5.7 | 5.3 | 5.7 | 4.7 | 5.0 | 5.3 | 5.4 |
| RAD-TF-89 | 7.0 | 5.0 | 6.3 | 5.3 | 5.7 | 5.3 | 5.7 | 6.3 | 5.0 | 5.0 | 5.0 | 5.4 |
| SWAGGER (PST-5R05) | 6.3 | 4.3 | 6.0 | 6.0 | 5.7 | 5.3 | 6.0 | 5.7 | 4.7 | 5.0 | 5.3 | 5.4 |
| TEMPTATION (OR-21) | 7.7 | 4.7 | 5.3 | 5.7 | 6.0 | 5.3 | 5.7 | 5.7 | 4.3 | 5.0 | 5.7 | 5.4 |
| ANNIHILATOR | 6.7 | 3.0 | 6.3 | 5.0 | 6.0 | 6.0 | 5.7 | 5.0 | 4.3 | 4.7 | 5.3 | 5.3 |
| BAR FA 121091 | 7.0 | 3.7 | 5.7 | 5.7 | 5.3 | 5.3 | 5.7 | 5.7 | 4.7 | 5.3 | 5.3 | 5.3 |
| JS 825 | 6.7 | 3.7 | 5.3 | 5.0 | 6.0 | 5.7 | 5.7 | 5.3 | 4.7 | 4.7 | 4.3 | 5.2 |
| MARAUDER | 7.0 | 4.7 | 6.0 | 5.0 | 6.3 | 6.0 | 5.3 | 4.7 | 4.0 | 5.0 | 5.3 | 5.2 |
| BAR FA 120878 | 5.7 | 4.7 | 4.0 | 5.3 | 5.3 | 5.0 | 4.7 | 5.3 | 4.7 | 5.0 | 5.7 | 5.1 |
| BAR FA 121089 | 7.3 | 4.3 | 5.3 | 5.0 | 5.3 | 5.0 | 5.0 | 4.7 | 4.3 | 5.0 | 5.0 | 4.9 |
| COMP. RES. SST | 6.0 | 3.3 | 5.7 | 4.3 | 6.0 | 5.7 | 5.0 | 4.3 | 3.3 | 4.3 | 5.7 | 4.9 |
| K12-13 | 7.0 | 4.0 | 5.7 | 5.0 | 5.3 | 4.7 | 5.0 | 5.0 | 4.3 | 5.0 | 5.0 | 4.9 |
| 204 RES. BLK4 | 6.3 | 4.3 | 6.0 | 4.0 | 5.3 | 5.3 | 5.0 | 4.3 | 3.0 | 4.3 | 5.0 | 4.6 |
| WARHAWK | 6.7 | 3.3 | 5.3 | 4.3 | 5.3 | 5.3 | 5.0 | 4.3 | 3.3 | 4.0 | 4.7 | 4.6 |
| KY-31 | 4.0 | 6.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.3 | 4.0 | 4.0 | 4.0 | 4.0 |
| LSD VALUE | 1.0 | 1.6 | 0.9 | 1.1 | 1.4 | 0.9 | 0.9 | 1.0 | 2.3 | 1.2 | 1.6 | 0.5 |
| C.V. (%) | 7.9 | 17.6 | 8.5 | 10.6 | 10.0 | 8.4 | 8.9 | 9.4 | 14.2 | 10.3 | 11.9 | 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.

TABLE 8.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT WICHITA, KS 1/
2015 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | BROWN PATCH WARM TEMP. | FALL COLOR DECEMBER | QUALITY RATINGS | | | | | | | MEAN |
|------------------------------|------------------|-------------------|-----------------|------------------------------|---------------------------|-----------------|-----|-----|-----|-----|-----|-----|------|
| | | | | | | APR | MAY | JUN | JUL | AUG | SEP | OCT | |
| IS-TF 308 SEL | 7.0 | 5.0 | 6.7 | 8.0 | 5.3 | 5.0 | 6.0 | 6.7 | 6.3 | 6.7 | 5.3 | 6.0 | 6.0 |
| REBOUNDER (PICK-W43) | 7.0 | 5.7 | 7.7 | 7.7 | 5.7 | 5.3 | 7.0 | 7.7 | 6.3 | 5.7 | 4.0 | 6.3 | 6.0 |
| GTO (BURL TF-2) | 5.7 | 4.3 | 7.0 | 6.7 | 4.7 | 5.0 | 6.7 | 7.0 | 5.7 | 6.0 | 5.0 | 5.7 | 5.9 |
| MET-3 | 6.0 | 5.0 | 6.7 | 6.3 | 4.7 | 5.3 | 6.7 | 7.0 | 5.7 | 6.0 | 4.3 | 6.0 | 5.9 |
| MICHELANGELO (LTP-F5DPDR) | 6.0 | 5.0 | 6.7 | 6.3 | 5.7 | 5.3 | 6.7 | 7.0 | 5.7 | 6.0 | 4.7 | 6.0 | 5.9 |
| PPG-TF-135 | 6.3 | 4.0 | 6.7 | 8.7 | 5.3 | 4.3 | 5.7 | 6.3 | 6.7 | 6.3 | 5.3 | 6.7 | 5.9 |
| TRAVERSE 2 SRP (W45) | 6.3 | 4.3 | 6.7 | 7.3 | 5.3 | 5.0 | 6.7 | 6.7 | 6.0 | 6.0 | 4.3 | 6.3 | 5.9 |
| AVENGER II (PPG-TF-156) | 6.3 | 4.7 | 7.0 | 6.3 | 5.3 | 5.0 | 6.0 | 6.7 | 6.3 | 6.3 | 4.7 | 5.7 | 5.8 |
| BIZEM | 6.3 | 4.7 | 6.3 | 7.0 | 5.0 | 5.3 | 6.0 | 7.0 | 5.7 | 6.0 | 4.7 | 5.7 | 5.8 |
| BLACK TAIL (PPG-TF-150) | 6.0 | 4.7 | 7.0 | 7.7 | 4.3 | 5.0 | 6.0 | 7.0 | 6.0 | 6.0 | 5.0 | 5.7 | 5.8 |
| MAESTRO (T31) | 6.7 | 5.0 | 6.7 | 7.0 | 5.0 | 5.7 | 6.0 | 6.7 | 6.3 | 4.7 | 4.3 | 7.0 | 5.8 |
| PPG-TF-172 | 6.7 | 4.7 | 6.3 | 7.0 | 5.0 | 4.3 | 6.7 | 7.0 | 5.7 | 5.7 | 4.7 | 6.3 | 5.8 |
| TERRANO | 5.7 | 4.3 | 6.3 | 6.7 | 5.3 | 5.3 | 6.7 | 6.7 | 6.3 | 5.3 | 4.3 | 5.7 | 5.8 |
| THOR (PPG-TF-157) | 7.0 | 4.7 | 6.7 | 5.7 | 5.7 | 5.0 | 7.0 | 6.7 | 5.0 | 6.3 | 4.7 | 5.7 | 5.8 |
| TITANIUM 2LS (PPG-TF-152) | 6.7 | 4.3 | 6.7 | 6.3 | 5.3 | 5.3 | 6.7 | 7.3 | 6.0 | 5.0 | 4.0 | 6.0 | 5.8 |
| 4TH MILLENNIUM SRP (U43) | 6.3 | 4.0 | 6.7 | 7.0 | 4.7 | 4.7 | 6.3 | 6.7 | 6.3 | 5.7 | 4.3 | 6.0 | 5.7 |
| ARES (PPG-TF-142) | 7.7 | 4.3 | 6.3 | 7.0 | 5.3 | 5.3 | 6.7 | 7.3 | 5.0 | 5.3 | 4.0 | 6.0 | 5.7 |
| ATF 1612 | 6.3 | 4.3 | 7.3 | 7.7 | 5.7 | 5.0 | 6.0 | 6.3 | 6.0 | 5.7 | 4.3 | 6.7 | 5.7 |
| ATF 1704 | 5.7 | 5.0 | 6.3 | 6.3 | 5.3 | 5.0 | 6.0 | 6.7 | 5.7 | 5.3 | 5.0 | 6.0 | 5.7 |
| B23 | 6.3 | 4.0 | 7.0 | 6.3 | 5.0 | 4.7 | 7.0 | 6.3 | 6.3 | 5.7 | 4.0 | 5.7 | 5.7 |
| F711 | 5.7 | 5.0 | 6.3 | 6.7 | 5.3 | 5.0 | 7.0 | 7.0 | 6.0 | 5.3 | 3.7 | 6.0 | 5.7 |
| FALCON V | 6.3 | 4.7 | 6.3 | 5.7 | 5.7 | 5.0 | 6.0 | 6.7 | 5.3 | 6.3 | 4.7 | 5.7 | 5.7 |
| FIREBIRD 2 | 6.0 | 4.3 | 6.3 | 6.3 | 4.3 | 4.7 | 6.7 | 6.3 | 5.0 | 6.3 | 5.3 | 5.3 | 5.7 |
| HEMI | 6.3 | 4.3 | 7.0 | 6.0 | 5.0 | 4.3 | 6.7 | 6.7 | 6.3 | 5.3 | 4.3 | 6.0 | 5.7 |
| IS-TF 276 M2 | 6.0 | 4.7 | 6.7 | 6.0 | 4.7 | 6.3 | 6.7 | 6.3 | 5.7 | 4.3 | 4.3 | 6.0 | 5.7 |
| BLOODHOUND (MET 6 SEL) | 5.0 | 4.7 | 7.3 | 6.7 | 4.3 | 5.0 | 6.3 | 6.3 | 6.0 | 5.0 | 4.3 | 6.7 | 5.7 |
| PPG-TF-115 | 6.0 | 4.7 | 5.3 | 6.3 | 5.7 | 5.3 | 7.0 | 7.0 | 6.0 | 5.0 | 3.7 | 6.0 | 5.7 |
| WICHITA (PPG-TF-151) | 6.3 | 5.0 | 6.7 | 6.3 | 4.7 | 5.0 | 7.0 | 6.3 | 5.3 | 6.0 | 4.7 | 5.7 | 5.7 |
| PPG-TF-169 | 5.7 | 4.7 | 7.0 | 7.3 | 4.7 | 5.0 | 6.3 | 6.3 | 5.3 | 5.0 | 5.3 | 6.3 | 5.7 |
| PST-5BPO | 5.3 | 5.0 | 6.0 | 8.0 | 4.3 | 5.7 | 6.7 | 6.3 | 6.0 | 4.3 | 4.3 | 6.7 | 5.7 |
| PST-5BRK | 4.7 | 4.7 | 6.7 | 6.7 | 4.3 | 5.0 | 6.7 | 6.0 | 5.3 | 5.7 | 4.7 | 6.3 | 5.7 |
| PST-5EX2 | 4.7 | 5.0 | 5.7 | 7.7 | 4.3 | 5.7 | 5.7 | 6.3 | 6.0 | 5.0 | 4.7 | 6.3 | 5.7 |
| PST-5MVD | 5.0 | 4.3 | 6.0 | 6.3 | 4.7 | 5.0 | 6.3 | 6.3 | 5.7 | 5.7 | 4.3 | 6.3 | 5.7 |
| REFLECTION (U45) | 6.7 | 4.0 | 6.3 | 7.3 | 5.3 | 5.0 | 6.3 | 7.0 | 6.0 | 5.3 | 4.7 | 5.3 | 5.7 |
| ROCKWELL (LTP-TWUU) | 6.3 | 4.3 | 6.0 | 7.3 | 5.0 | 4.7 | 6.3 | 7.0 | 6.0 | 5.3 | 4.0 | 6.3 | 5.7 |
| ROWDY (SRX-TPC) | 6.0 | 4.0 | 6.7 | 7.3 | 5.0 | 5.0 | 6.7 | 7.0 | 6.0 | 6.0 | 4.3 | 5.0 | 5.7 |
| FIRECRACKER SLS (PPG-TF-105) | 6.7 | 4.7 | 6.0 | 6.7 | 5.0 | 4.3 | 6.7 | 6.7 | 6.3 | 5.3 | 4.3 | 5.7 | 5.6 |
| GRANDE 3 | 6.0 | 4.7 | 7.0 | 6.3 | 5.3 | 4.7 | 6.3 | 6.7 | 5.3 | 6.0 | 4.3 | 5.7 | 5.6 |
| HOUNDG8 (IS-TF 307 SEL) | 6.7 | 4.3 | 7.0 | 6.7 | 4.7 | 5.0 | 6.3 | 6.7 | 5.3 | 5.3 | 4.3 | 6.3 | 5.6 |
| KINGDOM (DB1) | 7.0 | 5.0 | 6.3 | 7.7 | 5.3 | 5.3 | 7.3 | 5.3 | 5.0 | 5.3 | 4.7 | 6.0 | 5.6 |
| LEONARDO (LTP-FSD) | 6.0 | 4.7 | 6.0 | 7.3 | 5.0 | 5.0 | 6.3 | 6.7 | 6.0 | 5.3 | 4.3 | 5.7 | 5.6 |
| REGENERATE | 6.7 | 4.7 | 6.7 | 6.3 | 5.7 | 5.0 | 5.7 | 6.3 | 5.3 | 6.0 | 5.0 | 5.7 | 5.6 |
| RHAMBLER 2 SRP (LSD) | 6.0 | 4.0 | 6.7 | 6.3 | 5.0 | 5.0 | 7.0 | 6.3 | 5.3 | 5.3 | 4.3 | 5.7 | 5.6 |
| SCREAMER LS (PPG-TF-148) | 6.0 | 4.3 | 7.3 | 6.7 | 5.3 | 5.0 | 6.0 | 6.3 | 5.7 | 5.7 | 4.7 | 6.0 | 5.6 |
| TECHNIQUE (RZ2) | 6.0 | 3.7 | 7.3 | 6.7 | 4.7 | 4.3 | 6.3 | 7.0 | 5.3 | 5.7 | 5.0 | 5.7 | 5.6 |

TABLE 8. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT WICHITA, KS 1/
2015 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | BROWN PATCH WARM TEMP. | FALL COLOR DECEMBER | QUALITY RATINGS | | | | | | | MEAN |
|------------------------------|------------------|-------------------|-----------------|------------------------------|---------------------------|-----------------|-----|-----|-----|-----|-----|-----|------|
| | | | | | | APR | MAY | JUN | JUL | AUG | SEP | OCT | |
| TEMPLE (DZ1) | 6.3 | 4.3 | 6.3 | 6.3 | 6.0 | 4.3 | 6.0 | 6.3 | 5.3 | 6.0 | 5.0 | 6.3 | 5.6 |
| AMITY (CCR2) | 6.3 | 4.7 | 6.7 | 7.3 | 4.3 | 4.3 | 6.3 | 7.0 | 6.3 | 5.3 | 4.0 | 5.3 | 5.5 |
| FRONTLINE (EXP TF-09) | 7.3 | 5.0 | 6.3 | 6.3 | 5.0 | 6.3 | 7.0 | 6.3 | 4.3 | 4.3 | 3.7 | 6.7 | 5.5 |
| HOT ROD (BURL TF-136) | 6.0 | 4.0 | 7.7 | 5.7 | 4.7 | 4.7 | 6.3 | 6.7 | 5.3 | 5.0 | 4.0 | 6.3 | 5.5 |
| IS-TF-287 | 6.3 | 5.0 | 6.7 | 7.7 | 4.3 | 5.3 | 6.0 | 6.7 | 6.0 | 5.0 | 3.7 | 6.0 | 5.5 |
| MET 1 | 6.0 | 5.0 | 6.7 | 5.7 | 5.0 | 4.7 | 6.0 | 6.7 | 4.7 | 5.7 | 4.7 | 6.0 | 5.5 |
| PPG-TF-138 | 6.0 | 4.0 | 7.0 | 6.0 | 5.7 | 5.0 | 7.0 | 7.0 | 5.0 | 6.0 | 3.3 | 5.3 | 5.5 |
| PSG-GSD | 5.7 | 5.0 | 6.0 | 6.0 | 5.0 | 6.0 | 6.7 | 6.3 | 5.7 | 5.3 | 3.3 | 5.3 | 5.5 |
| PSG-P01 | 6.0 | 5.0 | 6.7 | 6.3 | 4.0 | 4.7 | 6.3 | 6.3 | 5.3 | 5.3 | 4.3 | 6.0 | 5.5 |
| RAD-TF-89 | 6.3 | 3.7 | 6.0 | 7.7 | 4.7 | 4.3 | 6.3 | 6.0 | 6.3 | 5.0 | 4.7 | 6.0 | 5.5 |
| SALTILLO (PST-5SALT) | 5.0 | 4.7 | 6.0 | 6.3 | 4.3 | 4.7 | 6.7 | 6.0 | 5.7 | 5.7 | 3.7 | 6.0 | 5.5 |
| ATF 1736 | 6.0 | 5.0 | 6.0 | 8.0 | 4.7 | 4.3 | 6.3 | 6.7 | 5.7 | 5.3 | 4.0 | 5.3 | 5.4 |
| CATALYST | 6.0 | 4.3 | 6.3 | 5.7 | 4.3 | 5.0 | 6.3 | 7.0 | 4.7 | 5.3 | 4.3 | 5.3 | 5.4 |
| DIABLO (IS-TF 330) | 7.0 | 5.0 | 7.3 | 7.3 | 5.0 | 5.0 | 6.7 | 6.7 | 5.7 | 5.3 | 3.7 | 5.0 | 5.4 |
| DYNAMITE LS (PPG-TF-145) | 7.0 | 4.3 | 6.3 | 6.7 | 5.0 | 5.7 | 6.0 | 6.0 | 5.3 | 5.0 | 4.3 | 5.3 | 5.4 |
| EMBRACE (PST-5EV2) | 5.3 | 4.7 | 7.0 | 6.3 | 4.0 | 4.7 | 6.0 | 6.3 | 5.7 | 5.7 | 4.3 | 5.3 | 5.4 |
| FESNOVA | 6.0 | 5.0 | 6.3 | 6.3 | 5.0 | 5.0 | 6.3 | 6.3 | 5.7 | 4.0 | 4.3 | 6.0 | 5.4 |
| FIREWALL (PSG-WE1) | 7.0 | 4.3 | 6.7 | 6.7 | 4.7 | 4.3 | 6.3 | 6.3 | 5.7 | 5.0 | 4.0 | 6.0 | 5.4 |
| MEMPHIS (GO-DFR) | 6.3 | 4.3 | 6.3 | 5.3 | 4.3 | 5.3 | 7.0 | 6.3 | 4.7 | 4.7 | 4.0 | 5.7 | 5.4 |
| IS-TF 311 | 6.0 | 4.7 | 6.3 | 6.7 | 4.3 | 5.3 | 6.0 | 6.7 | 5.0 | 5.7 | 3.7 | 5.3 | 5.4 |
| JS 916 | 6.7 | 5.0 | 6.0 | 6.7 | 5.0 | 4.7 | 6.3 | 5.7 | 5.0 | 5.7 | 4.7 | 5.7 | 5.4 |
| MERIDIAN (PST-5GRB) | 5.3 | 3.7 | 6.7 | 7.3 | 4.0 | 4.0 | 6.0 | 6.7 | 5.3 | 5.7 | 4.7 | 5.7 | 5.4 |
| PARAMOUNT (PPG-TF-137) | 6.3 | 3.3 | 6.7 | 7.3 | 5.3 | 4.0 | 6.0 | 6.7 | 6.0 | 5.3 | 4.0 | 5.7 | 5.4 |
| RAPTOR III (ZW 44) | 6.0 | 5.0 | 6.7 | 6.3 | 4.7 | 4.3 | 6.0 | 7.3 | 6.0 | 5.0 | 3.7 | 5.7 | 5.4 |
| SWAGGER (PST-5R05) | 5.0 | 5.0 | 5.7 | 7.0 | 4.0 | 4.7 | 6.3 | 5.7 | 5.7 | 5.3 | 4.3 | 5.7 | 5.4 |
| AQUADUCT | 4.7 | 4.7 | 5.7 | 6.0 | 4.0 | 5.3 | 6.3 | 6.0 | 6.0 | 4.3 | 3.7 | 5.7 | 5.3 |
| FAITH | 6.3 | 5.0 | 6.3 | 6.0 | 4.3 | 5.7 | 6.0 | 5.7 | 5.0 | 5.3 | 3.3 | 6.0 | 5.3 |
| FALCON IV | 6.0 | 5.0 | 6.0 | 5.7 | 4.3 | 5.3 | 6.0 | 6.3 | 5.7 | 4.7 | 3.7 | 5.3 | 5.3 |
| FAYETTE (IS-TF 291) | 7.0 | 4.7 | 6.7 | 5.3 | 5.3 | 5.3 | 6.3 | 6.3 | 4.3 | 5.0 | 4.0 | 6.0 | 5.3 |
| HOVER (BURL TF-69) | 6.3 | 4.3 | 6.7 | 5.7 | 4.3 | 5.0 | 6.3 | 6.7 | 5.0 | 5.3 | 3.7 | 5.3 | 5.3 |
| CROSSFIRE 4 (IS-TF 310 SEL) | 6.7 | 4.3 | 6.0 | 6.3 | 4.7 | 4.7 | 6.0 | 6.0 | 5.0 | 5.0 | 4.3 | 6.0 | 5.3 |
| JS 819 | 6.3 | 4.7 | 6.0 | 5.7 | 4.0 | 5.7 | 6.7 | 6.3 | 4.7 | 5.0 | 3.3 | 5.7 | 5.3 |
| K12-MCD | 5.7 | 4.3 | 7.0 | 6.3 | 4.7 | 5.0 | 6.3 | 6.7 | 5.0 | 5.0 | 3.7 | 5.7 | 5.3 |
| COMMANDER (PPG-TF-170) | 6.3 | 4.7 | 6.0 | 5.7 | 4.7 | 5.0 | 6.3 | 6.7 | 5.7 | 4.7 | 3.3 | 5.7 | 5.3 |
| PSG-TT4 | 5.7 | 4.7 | 6.0 | 5.7 | 4.0 | 5.0 | 6.0 | 6.0 | 4.3 | 5.0 | 5.0 | 5.7 | 5.3 |
| OLYMPUS (RAD-TF-88) | 6.0 | 3.7 | 6.7 | 6.3 | 5.0 | 4.7 | 5.7 | 6.0 | 5.0 | 5.7 | 4.7 | 5.3 | 5.3 |
| TURFWAY (IS-TF 282 M2) | 7.7 | 4.7 | 6.3 | 6.3 | 4.0 | 5.0 | 6.7 | 6.0 | 5.0 | 5.0 | 4.7 | 5.0 | 5.3 |
| ATF 1754 | 5.3 | 4.0 | 7.0 | 7.0 | 4.3 | 4.7 | 6.0 | 6.0 | 5.0 | 5.3 | 4.7 | 5.0 | 5.2 |
| BAR FA 121091 | 7.7 | 4.7 | 5.7 | 7.0 | 4.3 | 5.0 | 6.0 | 6.0 | 5.7 | 5.0 | 3.7 | 5.0 | 5.2 |
| BULLSEYE | 6.3 | 4.7 | 6.3 | 5.7 | 4.0 | 5.3 | 6.3 | 7.0 | 4.7 | 4.7 | 3.0 | 5.7 | 5.2 |
| CAESAR (TY 10) | 7.0 | 5.0 | 6.0 | 6.3 | 5.3 | 5.3 | 6.3 | 6.3 | 4.0 | 5.0 | 4.0 | 5.3 | 5.2 |
| FOXHOUND (IS-TF 284 M2) | 7.7 | 4.3 | 6.3 | 5.7 | 4.3 | 5.0 | 7.0 | 5.7 | 4.7 | 5.0 | 4.0 | 5.0 | 5.2 |
| RHIZING MOON (IS-TF 305 SEL) | 7.3 | 5.0 | 6.0 | 6.0 | 4.3 | 5.7 | 6.0 | 6.3 | 4.3 | 4.7 | 3.7 | 6.0 | 5.2 |
| JS 825 | 5.3 | 5.0 | 5.7 | 4.7 | 4.0 | 6.3 | 6.7 | 6.0 | 4.3 | 3.7 | 3.7 | 5.7 | 5.2 |
| PSG-8BP2 | 6.0 | 5.0 | 6.3 | 6.0 | 4.0 | 5.0 | 6.0 | 6.3 | 5.3 | 4.7 | 4.0 | 5.3 | 5.2 |

TABLE 8. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT WICHITA, KS 1/
2015 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | BROWN PATCH WARM TEMP. | FALL COLOR DECEMBER | QUALITY RATINGS | | | | | | MEAN | |
|--------------------------|------------------|-------------------|-----------------|------------------------------|---------------------------|-----------------|-----|------|------|------|------|------|-----|
| | | | | | | APR | MAY | JUN | JUL | AUG | SEP | | OCT |
| W41 | 7.0 | 4.3 | 6.3 | 6.0 | 5.0 | 4.7 | 6.3 | 5.7 | 4.0 | 6.0 | 4.3 | 5.7 | 5.2 |
| BAR FA 121089 | 6.0 | 4.7 | 6.3 | 6.3 | 5.0 | 5.7 | 6.3 | 6.3 | 4.7 | 4.7 | 3.0 | 5.0 | 5.1 |
| IS-TF 269 SEL | 7.0 | 4.0 | 6.3 | 6.0 | 4.7 | 4.7 | 6.7 | 5.7 | 4.7 | 4.0 | 4.3 | 5.7 | 5.1 |
| NIGHTCRAWLER (IS-TF 285) | 7.0 | 4.7 | 6.7 | 6.7 | 4.0 | 5.0 | 7.3 | 6.7 | 5.3 | 3.7 | 2.7 | 5.0 | 5.1 |
| JS 818 | 6.3 | 4.3 | 6.3 | 6.7 | 4.0 | 5.7 | 6.3 | 6.0 | 4.3 | 4.3 | 3.3 | 5.7 | 5.1 |
| PST-5DZP | 6.3 | 4.7 | 6.3 | 6.0 | 4.0 | 5.7 | 7.0 | 5.3 | 4.3 | 4.7 | 3.0 | 5.7 | 5.1 |
| RAD-TF-92 | 5.7 | 4.3 | 6.7 | 6.3 | 5.0 | 4.7 | 6.3 | 5.7 | 4.7 | 4.7 | 4.7 | 5.3 | 5.1 |
| RAIN DANCE (PST-5SDT) | 5.3 | 5.3 | 5.7 | 5.7 | 4.0 | 5.7 | 6.0 | 6.0 | 4.3 | 4.0 | 4.0 | 5.7 | 5.1 |
| XTENDER (PPG-TF-139) | 6.7 | 4.7 | 6.7 | 6.7 | 4.7 | 5.3 | 6.7 | 6.0 | 5.7 | 4.0 | 3.0 | 5.3 | 5.1 |
| ANNIHILATOR | 6.3 | 4.0 | 6.3 | 5.7 | 4.3 | 5.0 | 6.0 | 5.3 | 4.0 | 5.0 | 3.7 | 5.7 | 5.0 |
| COMP. RES. SST | 5.7 | 4.3 | 7.3 | 5.0 | 4.7 | 5.3 | 6.0 | 4.7 | 4.7 | 4.7 | 4.0 | 5.7 | 5.0 |
| INSPIRATION (PST-R5NW) | 6.0 | 4.7 | 5.3 | 6.7 | 4.0 | 4.7 | 5.7 | 6.0 | 5.3 | 4.7 | 3.7 | 5.3 | 5.0 |
| RAD-TF-83 | 6.7 | 4.0 | 6.7 | 6.3 | 5.0 | 5.0 | 6.0 | 5.7 | 4.7 | 4.3 | 4.3 | 5.3 | 5.0 |
| TEMPTATION (OR-21) | 7.7 | 4.7 | 6.0 | 5.7 | 5.3 | 5.3 | 6.3 | 6.3 | 4.0 | 4.0 | 3.7 | 5.0 | 5.0 |
| THUNDERSTRUCK (TD1) | 6.7 | 5.3 | 6.0 | 5.0 | 5.0 | 5.7 | 6.7 | 5.3 | 4.0 | 4.7 | 3.3 | 5.7 | 5.0 |
| WARHAWK | 6.3 | 4.0 | 6.7 | 6.3 | 4.3 | 5.3 | 5.7 | 5.0 | 4.3 | 4.7 | 4.0 | 5.7 | 5.0 |
| BAR FA 121095 | 6.0 | 4.3 | 6.0 | 5.3 | 3.7 | 5.3 | 6.0 | 5.7 | 4.3 | 3.7 | 4.0 | 5.3 | 4.9 |
| K12-05 | 6.3 | 4.0 | 6.0 | 6.7 | 4.3 | 4.7 | 6.3 | 5.3 | 5.0 | 3.7 | 4.0 | 5.3 | 4.9 |
| MARAUDER | 5.3 | 3.7 | 5.7 | 4.7 | 4.7 | 5.0 | 5.7 | 5.0 | 3.7 | 5.0 | 4.0 | 5.7 | 4.9 |
| BAR FA 120878 | 4.3 | 4.7 | 5.0 | 7.7 | 4.0 | 5.0 | 5.0 | 5.0 | 4.7 | 4.3 | 4.3 | 5.3 | 4.8 |
| IS-TF 272 | 7.3 | 4.3 | 7.0 | 6.3 | 5.0 | 5.0 | 6.0 | 6.0 | 5.0 | 3.7 | 3.0 | 5.0 | 4.8 |
| UNITUS (IS-TF 289) | 7.0 | 4.0 | 6.3 | 4.7 | 4.7 | 4.7 | 5.7 | 6.3 | 3.7 | 4.0 | 3.7 | 5.3 | 4.8 |
| JS 809 | 6.3 | 4.3 | 6.3 | 4.3 | 4.0 | 6.0 | 6.3 | 5.7 | 3.3 | 4.0 | 2.7 | 5.3 | 4.8 |
| 204 RES. BLK4 | 5.3 | 4.0 | 7.0 | 5.3 | 4.3 | 4.7 | 6.0 | 4.3 | 4.0 | 4.3 | 3.3 | 6.0 | 4.7 |
| K12-13 | 7.0 | 3.3 | 6.0 | 6.3 | 4.0 | 4.3 | 5.7 | 5.3 | 5.0 | 3.7 | 3.7 | 5.3 | 4.7 |
| KY-31 | 3.0 | 5.0 | 3.3 | 7.7 | 4.0 | 4.0 | 4.0 | 3.7 | 3.7 | 3.0 | 4.0 | 4.0 | 3.8 |
| LSD VALUE | 1.0 | 1.5 | 1.1 | 2.7 | 0.9 | 2.0 | 1.1 | 1.2 | 1.7 | 1.8 | 2.2 | 1.0 | 0.5 |
| C.V. (%) | 9.9 | 13.3 | 9.5 | 17.0 | 11.0 | 14.0 | 8.9 | 10.8 | 16.3 | 17.3 | 20.1 | 9.2 | 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 9. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT LEXINGTON, KY 1/
2015 DATA

| NAME | TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/ | | | | | | | | | |
|------------------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | MEAN |
| 4TH MILLENNIUM SRP (U43) | 7.7 | 7.7 | 8.0 | 7.0 | 7.0 | 7.7 | 8.0 | 8.0 | 7.3 | 7.6 |
| AMITY (CCR2) | 7.3 | 8.0 | 7.7 | 7.0 | 7.0 | 8.0 | 8.0 | 7.7 | 8.0 | 7.6 |
| IS-TF-287 | 8.0 | 8.0 | 7.7 | 6.3 | 6.7 | 7.7 | 8.0 | 8.0 | 7.7 | 7.6 |
| THOR (PPG-TF-157) | 7.7 | 8.0 | 7.7 | 6.3 | 7.0 | 7.7 | 8.0 | 8.0 | 8.3 | 7.6 |
| W41 | 7.7 | 8.0 | 8.0 | 6.3 | 7.0 | 8.0 | 8.0 | 8.0 | 7.7 | 7.6 |
| AVENGER II (PPG-TF-156) | 7.3 | 8.0 | 7.7 | 6.3 | 7.0 | 7.7 | 7.7 | 8.0 | 8.0 | 7.5 |
| BLACK TAIL (PPG-TF-150) | 7.7 | 7.7 | 7.7 | 6.3 | 7.0 | 8.0 | 8.0 | 8.0 | 7.3 | 7.5 |
| F711 | 7.3 | 8.0 | 7.7 | 6.3 | 6.7 | 8.0 | 7.7 | 8.0 | 7.7 | 7.5 |
| HOT ROD (BURL TF-136) | 7.3 | 7.7 | 7.7 | 6.3 | 7.0 | 7.7 | 8.0 | 8.0 | 8.0 | 7.5 |
| MET-3 | 7.0 | 8.0 | 8.0 | 6.3 | 7.0 | 7.7 | 8.0 | 7.7 | 7.7 | 7.5 |
| PPG-TF-138 | 7.7 | 8.0 | 7.3 | 6.0 | 6.7 | 8.0 | 8.0 | 8.0 | 7.7 | 7.5 |
| PPG-TF-169 | 7.3 | 7.7 | 7.7 | 6.3 | 7.3 | 8.0 | 7.7 | 7.3 | 8.0 | 7.5 |
| REGENERATE | 7.3 | 7.7 | 8.0 | 6.3 | 7.3 | 8.0 | 7.7 | 7.7 | 7.7 | 7.5 |
| TITANIUM 2LS (PPG-TF-152) | 7.3 | 8.0 | 7.7 | 6.7 | 7.0 | 8.0 | 7.3 | 8.0 | 7.7 | 7.5 |
| BIZEM | 7.7 | 7.7 | 7.7 | 6.0 | 7.0 | 8.0 | 7.7 | 7.7 | 7.7 | 7.4 |
| BULLSEYE | 7.3 | 7.3 | 7.3 | 6.7 | 7.0 | 7.7 | 8.0 | 8.0 | 7.7 | 7.4 |
| FAYETTE (IS-TF 291) | 7.7 | 8.0 | 7.3 | 6.0 | 6.0 | 8.0 | 8.3 | 7.7 | 7.7 | 7.4 |
| FIREBIRD 2 | 7.7 | 7.3 | 8.0 | 6.7 | 6.3 | 7.7 | 8.0 | 8.0 | 7.0 | 7.4 |
| FIREWALL (PSG-WE1) | 7.0 | 7.7 | 7.7 | 6.3 | 7.0 | 7.7 | 7.3 | 7.7 | 8.0 | 7.4 |
| GTO (BURL TF-2) | 7.3 | 8.0 | 7.7 | 6.0 | 7.0 | 8.0 | 7.7 | 7.7 | 7.7 | 7.4 |
| HEMI | 7.7 | 7.7 | 8.0 | 6.0 | 7.0 | 7.7 | 7.7 | 7.7 | 7.7 | 7.4 |
| RHIZING MOON (IS-TF 305 SEL) | 7.7 | 8.0 | 7.7 | 6.0 | 6.3 | 8.0 | 7.3 | 8.0 | 7.7 | 7.4 |
| HOUNDOG8 (IS-TF 307 SEL) | 8.0 | 8.0 | 7.7 | 5.7 | 6.7 | 8.0 | 7.7 | 7.3 | 7.7 | 7.4 |
| IS-TF 308 SEL | 8.0 | 8.0 | 7.7 | 6.0 | 6.7 | 7.7 | 8.0 | 7.3 | 7.0 | 7.4 |
| CROSSFIRE 4 (IS-TF 310 SEL) | 7.3 | 8.0 | 8.0 | 6.0 | 6.7 | 8.0 | 7.3 | 7.7 | 7.7 | 7.4 |
| JS 916 | 7.3 | 8.0 | 7.3 | 6.0 | 6.7 | 7.7 | 8.0 | 7.3 | 8.0 | 7.4 |
| MET 1 | 7.3 | 7.7 | 7.7 | 6.3 | 7.0 | 8.0 | 7.3 | 7.7 | 7.7 | 7.4 |
| REBOUNDER (PICK-W43) | 7.7 | 7.3 | 8.0 | 6.0 | 7.0 | 8.0 | 7.3 | 8.0 | 7.7 | 7.4 |
| PARAMOUNT (PPG-TF-137) | 7.3 | 7.3 | 7.7 | 6.7 | 6.7 | 8.0 | 7.7 | 7.7 | 8.0 | 7.4 |
| COMMANDER (PPG-TF-170) | 7.3 | 7.3 | 7.7 | 6.3 | 7.0 | 8.0 | 7.7 | 8.0 | 7.3 | 7.4 |
| PPG-TF-172 | 7.7 | 8.0 | 7.3 | 6.3 | 7.0 | 8.0 | 7.3 | 7.3 | 8.0 | 7.4 |
| RAPTOR III (ZW 44) | 7.3 | 7.7 | 7.0 | 6.3 | 7.0 | 8.0 | 7.7 | 8.0 | 7.3 | 7.4 |
| REFLECTION (U45) | 7.3 | 8.0 | 7.3 | 6.3 | 7.0 | 7.7 | 7.3 | 7.7 | 7.7 | 7.4 |
| ROCKWELL (LTP-TWUU) | 7.7 | 7.7 | 7.7 | 6.7 | 6.7 | 7.3 | 7.3 | 8.0 | 7.7 | 7.4 |
| SCREAMER LS (PPG-TF-148) | 7.7 | 7.7 | 7.3 | 6.0 | 7.0 | 7.3 | 7.7 | 7.7 | 8.0 | 7.4 |
| TEMPLE (DZ1) | 7.0 | 8.0 | 7.7 | 6.3 | 7.0 | 7.7 | 7.7 | 7.7 | 7.3 | 7.4 |
| TRAVERSE 2 SRP (W45) | 7.3 | 8.0 | 7.7 | 6.3 | 7.0 | 7.3 | 7.7 | 7.7 | 7.7 | 7.4 |
| XTENDER (PPG-TF-139) | 7.7 | 8.0 | 8.0 | 6.0 | 6.7 | 7.7 | 7.3 | 8.0 | 7.7 | 7.4 |
| ATF 1612 | 7.0 | 7.7 | 7.3 | 6.3 | 6.7 | 8.0 | 7.0 | 8.0 | 7.7 | 7.3 |
| ATF 1736 | 7.3 | 7.7 | 8.0 | 6.0 | 6.7 | 7.3 | 8.0 | 7.3 | 7.3 | 7.3 |
| B23 | 7.0 | 7.3 | 8.0 | 6.0 | 6.3 | 7.7 | 7.7 | 8.0 | 7.3 | 7.3 |
| CATALYST | 7.7 | 7.7 | 7.0 | 6.3 | 6.3 | 7.7 | 7.3 | 7.7 | 8.0 | 7.3 |
| EMBRACE (PST-5EV2) | 7.3 | 8.0 | 7.7 | 6.3 | 7.0 | 7.7 | 7.3 | 7.3 | 7.3 | 7.3 |
| FAITH | 7.7 | 7.3 | 7.3 | 6.0 | 7.0 | 7.3 | 8.0 | 7.0 | 7.7 | 7.3 |
| FESNOVA | 7.3 | 7.7 | 7.3 | 6.0 | 6.7 | 7.7 | 7.7 | 8.0 | 7.7 | 7.3 |

TABLE 9.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT LEXINGTON, KY 1/
2015 DATA

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

| NAME | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | MEAN |
|------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| GRANDE 3 | 7.3 | 7.3 | 7.7 | 6.0 | 7.0 | 8.0 | 7.3 | 7.3 | 8.0 | 7.3 |
| IS-TF 276 M2 | 8.0 | 7.3 | 8.0 | 6.0 | 6.3 | 7.3 | 7.7 | 7.7 | 7.7 | 7.3 |
| UNITUS (IS-TF 289) | 7.3 | 8.0 | 7.0 | 6.0 | 6.3 | 7.7 | 8.0 | 7.3 | 7.7 | 7.3 |
| IS-TF 311 | 7.7 | 7.7 | 7.7 | 6.3 | 6.3 | 7.3 | 8.0 | 7.7 | 7.3 | 7.3 |
| KINGDOM (DB1) | 7.3 | 7.7 | 7.3 | 6.0 | 6.3 | 7.7 | 8.0 | 7.7 | 7.7 | 7.3 |
| MAESTRO (T31) | 7.0 | 7.7 | 7.0 | 6.3 | 6.7 | 8.0 | 8.0 | 7.7 | 7.7 | 7.3 |
| BLOODHOUND (MET 6 SEL) | 7.0 | 8.0 | 7.7 | 6.3 | 6.7 | 8.0 | 7.0 | 7.7 | 7.3 | 7.3 |
| MICHELANGELO (LTP-F5DPDR) | 7.3 | 7.3 | 7.3 | 6.3 | 6.7 | 8.0 | 7.7 | 7.7 | 7.7 | 7.3 |
| PPG-TF-135 | 7.0 | 7.3 | 7.7 | 6.3 | 7.0 | 7.7 | 7.7 | 7.3 | 7.7 | 7.3 |
| PSG-P01 | 7.3 | 7.3 | 7.7 | 6.3 | 7.0 | 8.0 | 7.0 | 7.7 | 7.3 | 7.3 |
| RHAMBLER 2 SRP (LSD) | 7.7 | 7.7 | 7.3 | 6.3 | 6.3 | 7.7 | 7.7 | 8.0 | 7.3 | 7.3 |
| ROWDY (SRX-TPC) | 8.0 | 7.7 | 8.0 | 6.0 | 6.7 | 7.7 | 7.3 | 7.3 | 7.0 | 7.3 |
| SALTILLO (PST-5SALT) | 7.3 | 7.7 | 8.0 | 6.0 | 6.7 | 7.3 | 7.3 | 7.3 | 7.7 | 7.3 |
| TECHNIQUE (RZ2) | 7.3 | 7.7 | 7.3 | 6.0 | 7.0 | 7.3 | 7.3 | 7.7 | 7.7 | 7.3 |
| TEMPTATION (OR-21) | 7.7 | 7.7 | 7.7 | 6.0 | 6.3 | 7.7 | 7.3 | 7.7 | 7.7 | 7.3 |
| DYNAMITE LS (PPG-TF-145) | 7.0 | 7.7 | 7.3 | 6.0 | 6.0 | 7.7 | 8.0 | 7.7 | 7.3 | 7.2 |
| FALCON V | 7.3 | 7.7 | 7.3 | 6.3 | 7.0 | 7.3 | 7.0 | 7.7 | 7.3 | 7.2 |
| IS-TF 269 SEL | 7.0 | 7.7 | 7.7 | 6.0 | 6.3 | 7.7 | 7.7 | 7.3 | 7.3 | 7.2 |
| NIGHTCRAWLER (IS-TF 285) | 7.7 | 7.3 | 7.7 | 6.0 | 6.3 | 8.0 | 7.3 | 7.3 | 7.3 | 7.2 |
| PPG-TF-115 | 7.3 | 7.3 | 7.0 | 6.0 | 6.3 | 8.0 | 7.7 | 7.7 | 7.7 | 7.2 |
| WICHITA (PPG-TF-151) | 8.0 | 7.7 | 7.3 | 6.0 | 6.0 | 7.7 | 7.7 | 7.3 | 7.3 | 7.2 |
| OLYMPUS (RAD-TF-88) | 7.0 | 7.7 | 7.3 | 6.0 | 6.3 | 7.7 | 7.7 | 7.3 | 7.7 | 7.2 |
| RAD-TF-89 | 7.0 | 8.0 | 7.7 | 6.0 | 6.3 | 7.0 | 7.3 | 8.0 | 7.7 | 7.2 |
| THUNDERSTRUCK (TD1) | 7.0 | 7.7 | 7.3 | 5.7 | 6.7 | 7.7 | 7.7 | 7.3 | 7.7 | 7.2 |
| TURFWAY (IS-TF 282 M2) | 7.7 | 7.7 | 7.7 | 6.0 | 6.3 | 7.7 | 7.7 | 7.0 | 7.3 | 7.2 |
| ARES (PPG-TF-142) | 7.3 | 8.0 | 7.3 | 5.7 | 6.3 | 7.7 | 7.0 | 7.3 | 7.3 | 7.1 |
| ATF 1704 | 7.0 | 7.7 | 7.7 | 6.0 | 6.7 | 7.3 | 7.0 | 7.3 | 7.3 | 7.1 |
| ATF 1754 | 7.3 | 7.3 | 7.3 | 6.0 | 6.3 | 7.3 | 7.3 | 7.7 | 7.7 | 7.1 |
| BAR FA 121095 | 7.0 | 7.3 | 7.0 | 6.0 | 6.3 | 7.7 | 7.3 | 7.7 | 7.3 | 7.1 |
| DIABLO (IS-TF 330) | 7.3 | 8.0 | 7.3 | 5.3 | 6.3 | 7.7 | 7.7 | 7.3 | 7.3 | 7.1 |
| FIRECRACKER SLS (PPG-TF-105) | 7.0 | 7.0 | 7.0 | 6.3 | 7.0 | 7.7 | 8.0 | 7.0 | 7.3 | 7.1 |
| FOXHOUND (IS-TF 284 M2) | 7.0 | 7.7 | 7.0 | 6.0 | 6.7 | 8.0 | 7.7 | 7.0 | 7.3 | 7.1 |
| MEMPHIS (GO-DFR) | 7.3 | 8.0 | 7.0 | 6.0 | 6.0 | 7.7 | 7.0 | 7.3 | 7.7 | 7.1 |
| HOVER (BURL TF-69) | 7.7 | 7.7 | 7.3 | 5.7 | 6.7 | 7.3 | 7.0 | 7.3 | 7.7 | 7.1 |
| IS-TF 272 | 7.0 | 7.7 | 7.7 | 6.0 | 6.7 | 7.3 | 7.7 | 7.3 | 7.0 | 7.1 |
| K12-05 | 7.0 | 7.0 | 7.3 | 6.0 | 6.0 | 8.0 | 7.3 | 7.7 | 7.3 | 7.1 |
| LEONARDO (LTP-FSD) | 7.3 | 7.3 | 7.3 | 6.3 | 6.3 | 7.0 | 7.0 | 7.7 | 7.7 | 7.1 |
| MERIDIAN (PST-5GRB) | 7.3 | 7.3 | 8.0 | 6.0 | 6.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.1 |
| PST-5BPO | 7.3 | 7.0 | 7.0 | 6.3 | 7.0 | 7.3 | 7.3 | 7.0 | 7.3 | 7.1 |
| PST-5BRK | 7.0 | 7.3 | 7.3 | 6.3 | 6.7 | 7.3 | 7.3 | 7.3 | 7.3 | 7.1 |
| PST-5DZP | 7.3 | 8.0 | 7.0 | 6.0 | 6.0 | 7.3 | 7.3 | 7.0 | 7.7 | 7.1 |
| RAD-TF-92 | 7.0 | 8.0 | 7.3 | 6.0 | 6.3 | 7.0 | 7.0 | 7.3 | 8.0 | 7.1 |
| SWAGGER (PST-5R05) | 7.0 | 7.3 | 7.7 | 6.3 | 6.7 | 7.0 | 7.3 | 7.0 | 7.3 | 7.1 |
| TERRANO | 7.7 | 7.7 | 7.3 | 5.7 | 6.3 | 7.3 | 7.0 | 7.3 | 7.7 | 7.1 |
| CAESAR (TY 10) | 7.7 | 7.7 | 7.0 | 5.7 | 6.0 | 7.0 | 7.0 | 7.0 | 7.7 | 7.0 |

TABLE 9.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT LEXINGTON, KY 1/
2015 DATA

| NAME | TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/ | | | | | | | | | MEAN |
|------------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | |
| FALCON IV | 7.3 | 7.7 | 7.0 | 6.0 | 6.7 | 7.3 | 7.0 | 7.0 | 7.3 | 7.0 |
| JS 818 | 8.0 | 7.3 | 7.0 | 5.7 | 6.0 | 7.0 | 8.0 | 7.0 | 7.3 | 7.0 |
| K12-MCD | 7.0 | 7.3 | 7.7 | 6.0 | 6.0 | 7.3 | 7.0 | 7.0 | 7.7 | 7.0 |
| PSG-8BP2 | 7.7 | 7.3 | 7.3 | 5.7 | 6.0 | 7.0 | 7.3 | 7.0 | 7.3 | 7.0 |
| PSG-GSD | 7.3 | 7.3 | 7.0 | 6.0 | 6.3 | 7.3 | 7.3 | 7.0 | 7.7 | 7.0 |
| PSG-TT4 | 7.3 | 7.0 | 7.0 | 6.0 | 7.0 | 7.3 | 7.0 | 7.0 | 7.7 | 7.0 |
| RAD-TF-83 | 7.0 | 7.3 | 7.3 | 6.3 | 6.3 | 7.0 | 7.3 | 7.3 | 7.0 | 7.0 |
| RAIN DANCE (PST-5SDT) | 7.7 | 7.3 | 7.0 | 6.3 | 6.3 | 7.3 | 7.0 | 7.0 | 7.3 | 7.0 |
| ANNIHILATOR | 7.0 | 7.0 | 7.0 | 5.7 | 6.0 | 7.0 | 7.0 | 7.3 | 7.7 | 6.9 |
| BAR FA 121089 | 7.0 | 7.0 | 6.7 | 6.0 | 6.3 | 7.0 | 7.3 | 7.0 | 7.3 | 6.9 |
| BAR FA 121091 | 7.0 | 7.7 | 7.0 | 6.0 | 6.0 | 7.3 | 7.0 | 7.0 | 6.7 | 6.9 |
| FRONTLINE (EXP TF-09) | 7.7 | 7.3 | 7.0 | 6.0 | 6.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.9 |
| INSPIRATION (PST-R5NW) | 7.3 | 7.3 | 7.0 | 6.0 | 6.0 | 7.3 | 7.3 | 7.0 | 7.0 | 6.9 |
| JS 809 | 7.3 | 7.3 | 7.0 | 5.7 | 6.0 | 7.0 | 7.3 | 7.0 | 7.0 | 6.9 |
| JS 819 | 7.7 | 7.0 | 7.0 | 6.0 | 6.0 | 7.0 | 7.0 | 7.3 | 7.3 | 6.9 |
| K12-13 | 7.0 | 7.3 | 7.0 | 5.7 | 6.0 | 7.3 | 7.0 | 7.3 | 7.7 | 6.9 |
| PST-5EX2 | 7.0 | 7.0 | 7.3 | 5.7 | 6.3 | 7.3 | 7.0 | 7.0 | 7.3 | 6.9 |
| PST-5MVD | 7.0 | 7.3 | 7.3 | 6.0 | 6.3 | 7.3 | 7.0 | 7.0 | 7.0 | 6.9 |
| 204 RES. BLK4 | 7.0 | 7.7 | 7.0 | 4.3 | 6.0 | 6.7 | 7.0 | 7.3 | 8.3 | 6.8 |
| AQUADUCT | 7.0 | 7.0 | 7.0 | 5.7 | 6.0 | 7.3 | 7.0 | 7.3 | 7.0 | 6.8 |
| COMP. RES. SST | 7.0 | 7.3 | 7.0 | 5.3 | 6.0 | 6.7 | 7.0 | 7.0 | 8.0 | 6.8 |
| JS 825 | 7.0 | 7.0 | 7.0 | 5.7 | 6.0 | 7.0 | 7.0 | 7.0 | 7.3 | 6.8 |
| MARAUDER | 7.0 | 7.0 | 7.0 | 5.0 | 6.0 | 7.3 | 7.3 | 7.0 | 7.3 | 6.8 |
| WARHAWK | 7.0 | 7.0 | 7.0 | 4.7 | 6.0 | 7.0 | 7.0 | 7.0 | 7.3 | 6.7 |
| BAR FA 120878 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.7 | 6.0 | 6.7 | 6.3 | 6.2 |
| KY-31 | 4.3 | 4.0 | 4.0 | 3.0 | 4.0 | 4.0 | 4.3 | 4.0 | 5.0 | 4.1 |
| LSD VALUE | 0.8 | 0.7 | 0.7 | 0.7 | 0.7 | 0.8 | 0.7 | 0.7 | 1.1 | 0.3 |
| C.V. (%) | 6.2 | 5.9 | 5.9 | 7.1 | 6.5 | 6.1 | 5.5 | 5.7 | 6.8 | 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 10.

BROWN PATCH (WARM TEMPERATURE) RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT LEXINGTON (BROWN PATCH), KY 1/
2015 DATA

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

| NAME | BROWN PATCH (WARM TEMP.) | NAME | BROWN PATCH (WARM TEMP.) |
|-----------------------------|-----------------------------|------------------------------|-----------------------------|
| F711 | 8.0 | ATF 1704 | 7 |
| GTO (BURL TF-2) | 8.0 | BLACK TAIL (PPG-TF-150) | 7 |
| TECHNIQUE (RZ2) | 8.0 | BULLSEYE | 7 |
| FAYETTE (IS-TF 291) | 7.7 | CAESAR (TY 10) | 7 |
| MET 1 | 7.7 | CATALYST | 7 |
| BLOODHOUND (MET 6 SEL) | 7.7 | AMITY (CCR2) | 7 |
| PARAMOUNT (PPG-TF-137) | 7.7 | COMP. RES. SST | 7 |
| PSG-PO1 | 7.7 | DIABLO (IS-TF 330) | 7 |
| PST-5BRK | 7.7 | FALCON IV | 7 |
| RAPTOR III (ZW 44) | 7.7 | FESNOVA | 7 |
| REFLECTION (U45) | 7.7 | FIRECRACKER SLS (PPG-TF-105) | 7 |
| ROWDY (SRX-TPC) | 7.7 | FOXHOUND (IS-TF 284 M2) | 7 |
| ARES (PPG-TF-142) | 7.3 | FRONTLINE (EXP TF-09) | 7 |
| ATF 1754 | 7.3 | MEMPHIS (GO-DFR) | 7 |
| AVENGER II (PPG-TF-156) | 7.3 | HEMI | 7 |
| B23 | 7.3 | HOVER (BURL TF-69) | 7 |
| BIZEM | 7.3 | INSPIRATION (PST-R5NW) | 7 |
| DYNAMITE LS (PPG-TF-145) | 7.3 | IS-TF 272 | 7 |
| EMBRACE (PST-5EV2) | 7.3 | RHIZING MOON (IS-TF 305 SEL) | 7 |
| FAITH | 7.3 | JS 819 | 7 |
| FALCON V | 7.3 | JS 825 | 7 |
| FIREBIRD 2 | 7.3 | JS 916 | 7 |
| FIREWALL (PSG-WE1) | 7.3 | K12-MCD | 7 |
| GRANDE 3 | 7.3 | KINGDOM (DB1) | 7 |
| HOT ROD (BURL TF-136) | 7.3 | KY-31 | 7 |
| IS-TF 269 SEL | 7.3 | LEONARDO (LTP-FSD) | 7 |
| IS-TF 276 M2 | 7.3 | MET-3 | 7 |
| NIGHTCRAWLER (IS-TF 285) | 7.3 | MICHELANGELO (LTP-F5DPDR) | 7 |
| UNITUS (IS-TF 289) | 7.3 | PPG-TF-115 | 7 |
| HOUNDOG8 (IS-TF 307 SEL) | 7.3 | PPG-TF-135 | 7 |
| IS-TF 308 SEL | 7.3 | WICHITA (PPG-TF-151) | 7 |
| CROSSFIRE 4 (IS-TF 310 SEL) | 7.3 | 'COMMANDER (PPG-TF-170) | 7 |
| IS-TF 311 | 7.3 | PSG-8BP2 | 7 |
| IS-TF-287 | 7.3 | PSG-GSD | 7 |
| MAESTRO (T31) | 7.3 | PSG-TT4 | 7 |
| MERIDIAN (PST-5GRB) | 7.3 | PST-5BP0 | 7 |
| REBOUNDER (PICK-W43) | 7.3 | PST-5DZP | 7 |
| PPG-TF-138 | 7.3 | PST-5EX2 | 7 |
| PPG-TF-169 | 7.3 | PST-5MVD | 7 |
| PPG-TF-172 | 7.3 | RAD-TF-83 | 7 |
| RAIN DANCE (PST-5SDT) | 7.3 | OLYMPUS (RAD-TF-88) | 7 |
| SWAGGER (PST-5R05) | 7.3 | RAD-TF-89 | 7 |
| TEMPLE (DZ1) | 7.3 | RAD-TF-92 | 7 |
| 204 RES. BLK4 | 7.0 | REGENERATE | 7 |
| 4TH MILLENNIUM SRP (U43) | 7.0 | RHAMBLER 2 SRP (LSD) | 7 |

TABLE 10. BROWN PATCH (WARM TEMPERATURE) RATINGS OF TALL FESCUE CULTIVARS
 (CONT'D) IN THE 2012 NATIONAL TALL FESCUE TEST AT LEXINGTON (BROWN PATCH), KY 1/
 2015 DATA

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

| NAME | BROWN PATCH (WARM TEMP.) |
|---------------------------|-----------------------------|
| ROCKWELL (LTP-TWUU) | 7.0 |
| SALTILLO (PST-5SALT) | 7.0 |
| SCREAMER LS (PPG-TF-148) | 7.0 |
| TEMPTATION (OR-21) | 7.0 |
| TERRANO | 7.0 |
| THOR (PPG-TF-157) | 7.0 |
| THUNDERSTRUCK (TD1) | 7.0 |
| TRAVERSE 2 SRP (W45) | 7.0 |
| TURFWAY (IS-TF 282 M2) | 7.0 |
| W41 | 7.0 |
| XTENDER (PPG-TF-139) | 7.0 |
| ANNIHILATOR | 6.7 |
| ATF 1612 | 6.7 |
| ATF 1736 | 6.7 |
| BAR FA 120878 | 6.7 |
| BAR FA 121095 | 6.7 |
| JS 809 | 6.7 |
| JS 818 | 6.7 |
| K12-05 | 6.7 |
| MARAUDER | 6.7 |
| TITANIUM 2LS (PPG-TF-152) | 6.7 |
| AQUADUCT | 6.3 |
| BAR FA 121089 | 6.3 |
| K12-13 | 6.3 |
| WARHAWK | 6.3 |
| BAR FA 121091 | 6.0 |
| LSD VALUE | 0.7 |
| C.V. (%) | 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 11. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT COLLEGE PARK, MD 1/
2015 DATA

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

| NAME | PINK SNOW | | QUALITY RATINGS | | | | | | | MEAN |
|------------------------------|-----------|-----|-----------------|-----|-----|-----|-----|-----|-----|------|
| | MOLD | MAY | JUN | JUL | AUG | SEP | OCT | NOV | | |
| REGENERATE | 5.7 | 7.7 | 7.7 | 7.0 | 7.3 | 7.7 | 7.7 | 8.0 | 7.6 | |
| MAESTRO (T31) | 6.0 | 7.7 | 7.0 | 7.0 | 7.0 | 6.7 | 7.0 | 7.3 | 7.1 | |
| REBOUNDER (PICK-W43) | 6.0 | 7.7 | 6.0 | 6.7 | 7.0 | 7.7 | 7.3 | 7.7 | 7.1 | |
| RAPTOR III (ZW 44) | 5.7 | 7.7 | 7.3 | 7.0 | 7.3 | 6.7 | 7.0 | 7.0 | 7.1 | |
| TRAVERSE 2 SRP (W45) | 7.0 | 7.3 | 7.0 | 7.3 | 7.0 | 6.7 | 7.3 | 7.3 | 7.1 | |
| 4TH MILLENNIUM SRP (U43) | 6.7 | 7.7 | 7.0 | 7.0 | 6.3 | 6.7 | 7.3 | 7.3 | 7.0 | |
| AMITY (CCR2) | 6.7 | 7.3 | 7.3 | 7.3 | 7.0 | 6.3 | 7.0 | 7.0 | 7.0 | |
| HOT ROD (BURL TF-136) | 6.0 | 7.7 | 6.7 | 6.7 | 6.7 | 6.7 | 7.3 | 7.3 | 7.0 | |
| TECHNIQUE (RZ2) | 6.3 | 7.3 | 7.0 | 7.0 | 7.3 | 6.3 | 6.7 | 7.0 | 7.0 | |
| 'COMMANDER (PPG-TF-170) | 6.7 | 7.0 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 6.7 | 6.9 | |
| AVENGER II (PPG-TF-156) | 6.7 | 7.3 | 6.7 | 7.0 | 7.3 | 6.0 | 6.7 | 6.7 | 6.8 | |
| MET 1 | 7.3 | 7.0 | 6.7 | 7.3 | 6.3 | 6.3 | 6.7 | 7.0 | 6.8 | |
| BLOODHOUND (MET 6 SEL) | 6.7 | 7.0 | 6.7 | 7.0 | 6.7 | 6.7 | 7.0 | 6.7 | 6.8 | |
| PPG-TF-135 | 5.0 | 7.3 | 6.7 | 6.3 | 6.7 | 6.7 | 6.7 | 7.0 | 6.8 | |
| PSG-P01 | 6.7 | 7.3 | 6.7 | 7.0 | 6.3 | 6.7 | 6.7 | 7.0 | 6.8 | |
| ROCKWELL (LTP-TWUU) | 7.0 | 7.0 | 6.7 | 6.7 | 6.7 | 6.3 | 7.0 | 7.0 | 6.8 | |
| ROWDY (SRX-TPC) | 6.7 | 7.0 | 7.0 | 7.0 | 6.7 | 6.0 | 7.0 | 7.0 | 6.8 | |
| BIZEM | 6.3 | 7.0 | 6.7 | 6.0 | 7.0 | 6.7 | 6.7 | 6.7 | 6.7 | |
| MET-3 | 5.7 | 6.7 | 7.0 | 7.0 | 6.7 | 6.3 | 6.7 | 6.7 | 6.7 | |
| PARAMOUNT (PPG-TF-137) | 6.3 | 7.3 | 6.3 | 6.7 | 7.0 | 6.0 | 6.7 | 6.7 | 6.7 | |
| REFLECTION (U45) | 6.3 | 7.0 | 6.7 | 6.7 | 6.7 | 6.3 | 6.7 | 7.0 | 6.7 | |
| RHAMBLER 2 SRP (LSD) | 5.3 | 7.3 | 6.7 | 6.7 | 6.7 | 6.3 | 6.7 | 6.7 | 6.7 | |
| TEMPLE (DZ1) | 7.3 | 7.0 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | |
| B23 | 6.7 | 7.0 | 6.7 | 6.7 | 6.7 | 6.3 | 6.7 | 6.0 | 6.6 | |
| GTO (BURL TF-2) | 6.7 | 6.7 | 6.7 | 6.3 | 6.7 | 6.3 | 6.7 | 6.7 | 6.6 | |
| HEMI | 7.0 | 6.7 | 6.7 | 7.0 | 6.3 | 6.3 | 6.7 | 6.7 | 6.6 | |
| IS-TF 308 SEL | 7.3 | 7.0 | 7.0 | 7.0 | 6.7 | 6.0 | 6.3 | 6.0 | 6.6 | |
| IS-TF 311 | 7.0 | 7.0 | 6.7 | 6.7 | 6.3 | 6.0 | 6.7 | 7.0 | 6.6 | |
| W41 | 6.7 | 7.0 | 6.3 | 6.7 | 6.3 | 6.3 | 6.7 | 6.7 | 6.6 | |
| F711 | 7.3 | 6.7 | 6.7 | 7.3 | 6.0 | 6.3 | 6.3 | 6.3 | 6.5 | |
| FAYETTE (IS-TF 291) | 7.3 | 7.3 | 6.3 | 6.0 | 6.0 | 6.3 | 6.3 | 7.0 | 6.5 | |
| FIRECRACKER SLS (PPG-TF-105) | 6.7 | 7.0 | 6.3 | 7.0 | 6.3 | 5.7 | 6.7 | 6.3 | 6.5 | |
| FIREWALL (PSG-WE1) | 6.0 | 6.7 | 6.7 | 6.7 | 6.0 | 6.3 | 6.3 | 6.7 | 6.5 | |
| JS 916 | 6.7 | 7.0 | 6.3 | 6.0 | 6.3 | 6.0 | 7.0 | 6.7 | 6.5 | |
| PPG-TF-169 | 4.3 | 7.0 | 6.3 | 6.3 | 6.0 | 6.3 | 6.7 | 6.7 | 6.5 | |
| PPG-TF-172 | 6.7 | 7.0 | 6.3 | 6.3 | 6.3 | 6.3 | 6.7 | 6.3 | 6.5 | |
| THOR (PPG-TF-157) | 7.0 | 7.0 | 6.3 | 6.3 | 6.7 | 6.0 | 6.7 | 6.7 | 6.5 | |
| ATF 1612 | 4.3 | 6.7 | 6.3 | 6.7 | 6.3 | 6.3 | 6.3 | 6.0 | 6.4 | |
| FIREBIRD 2 | 6.7 | 7.0 | 6.3 | 6.0 | 6.0 | 6.0 | 6.7 | 7.0 | 6.4 | |
| LEONARDO (LTP-FSD) | 7.3 | 6.3 | 6.7 | 6.3 | 6.0 | 6.3 | 6.7 | 6.3 | 6.4 | |
| SCREAMER LS (PPG-TF-148) | 6.3 | 6.7 | 6.3 | 7.0 | 6.3 | 6.0 | 6.3 | 6.3 | 6.4 | |
| BLACK TAIL (PPG-TF-150) | 6.0 | 6.3 | 5.7 | 6.0 | 6.3 | 6.7 | 6.7 | 6.7 | 6.3 | |
| CATALYST | 7.0 | 6.7 | 6.3 | 7.0 | 6.0 | 5.7 | 6.3 | 6.0 | 6.3 | |
| EMBRACE (PST-5EV2) | 6.3 | 6.7 | 6.3 | 6.0 | 6.3 | 6.0 | 6.3 | 6.3 | 6.3 | |
| FALCON V | 6.0 | 6.7 | 6.0 | 6.3 | 6.3 | 6.0 | 6.7 | 6.0 | 6.3 | |

TABLE 11. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
(CON'D) IN THE 2012 NATIONAL TALL FESCUE TEST AT COLLEGE PARK, MD 1/
2015 DATA

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

| NAME | PINK SNOW | | QUALITY RATINGS | | | | | | MEAN |
|------------------------------|-----------|-----|-----------------|-----|-----|-----|-----|-----|------|
| | MOLD | MAY | JUN | JUL | AUG | SEP | OCT | NOV | |
| GRANDE 3 | 5.3 | 6.7 | 6.7 | 6.0 | 6.3 | 6.0 | 6.0 | 6.7 | 6.3 |
| IS-TF 269 SEL | 6.7 | 6.7 | 6.3 | 6.3 | 6.7 | 6.0 | 6.3 | 6.0 | 6.3 |
| WICHITA (PPG-TF-151) | 5.7 | 7.0 | 6.3 | 6.3 | 6.3 | 6.3 | 6.0 | 6.0 | 6.3 |
| PST-5BRK | 6.0 | 7.0 | 6.3 | 6.0 | 6.3 | 6.0 | 6.3 | 6.0 | 6.3 |
| TITANIUM 2LS (PPG-TF-152) | 6.7 | 6.7 | 6.7 | 6.7 | 6.3 | 6.0 | 6.0 | 5.7 | 6.3 |
| FESNOVA | 6.3 | 6.3 | 6.3 | 6.0 | 6.0 | 6.0 | 6.7 | 6.0 | 6.2 |
| CROSSFIRE 4 (IS-TF 310 SEL) | 7.3 | 6.7 | 6.0 | 6.3 | 6.3 | 6.0 | 6.3 | 5.7 | 6.2 |
| KINGDOM (DB1) | 5.7 | 6.3 | 6.0 | 5.7 | 6.7 | 6.0 | 6.3 | 6.7 | 6.2 |
| TERRANO | 5.7 | 6.7 | 6.3 | 6.0 | 6.3 | 6.0 | 5.7 | 5.7 | 6.1 |
| ATF 1704 | 6.7 | 6.3 | 5.7 | 6.3 | 6.3 | 5.7 | 5.7 | 5.7 | 6.0 |
| ATF 1736 | 7.3 | 6.3 | 6.0 | 6.0 | 6.0 | 6.0 | 5.7 | 6.0 | 6.0 |
| ATF 1754 | 5.7 | 6.3 | 6.0 | 5.7 | 6.0 | 6.0 | 6.0 | 6.3 | 6.0 |
| DIABLO (IS-TF 330) | 6.0 | 6.3 | 6.0 | 6.0 | 6.0 | 5.7 | 6.0 | 6.3 | 6.0 |
| FAITH | 6.7 | 6.0 | 5.7 | 5.7 | 6.0 | 6.0 | 6.3 | 6.0 | 6.0 |
| FOXHOUND (IS-TF 284 M2) | 7.0 | 6.3 | 6.0 | 6.0 | 5.7 | 5.7 | 6.0 | 6.3 | 6.0 |
| UNITUS (IS-TF 289) | 6.7 | 6.3 | 6.0 | 6.3 | 6.0 | 5.7 | 5.7 | 5.7 | 6.0 |
| HOUNDOG8 (IS-TF 307 SEL) | 6.0 | 6.0 | 6.0 | 5.7 | 6.0 | 6.3 | 6.0 | 6.0 | 6.0 |
| PST-5BP0 | 6.3 | 6.3 | 5.7 | 6.3 | 5.7 | 6.0 | 6.0 | 5.7 | 6.0 |
| SALTILLO (PST-5SALT) | 6.3 | 6.7 | 6.0 | 5.7 | 6.0 | 5.7 | 5.7 | 6.3 | 6.0 |
| BULLSEYE | 6.7 | 6.7 | 5.7 | 6.0 | 6.0 | 5.3 | 6.0 | 5.7 | 5.9 |
| MEMPHIS (GO-DFR) | 6.0 | 6.3 | 6.0 | 6.0 | 6.0 | 5.3 | 5.7 | 5.7 | 5.9 |
| IS-TF 272 | 5.7 | 6.3 | 5.7 | 6.0 | 5.7 | 5.7 | 6.0 | 6.0 | 5.9 |
| RHIZING MOON (IS-TF 305 SEL) | 7.3 | 6.3 | 5.3 | 5.3 | 6.0 | 5.7 | 6.0 | 6.3 | 5.9 |
| MICHELANGELO (LTP-F5DPDR) | 7.0 | 6.0 | 6.0 | 5.3 | 6.0 | 6.0 | 6.0 | 6.0 | 5.9 |
| OLYMPUS (RAD-TF-88) | 4.0 | 6.0 | 5.7 | 5.0 | 6.0 | 6.0 | 6.0 | 6.3 | 5.9 |
| TURFWAY (IS-TF 282 M2) | 7.7 | 6.3 | 5.7 | 5.3 | 6.0 | 5.7 | 6.3 | 6.0 | 5.9 |
| XTENDER (PPG-TF-139) | 6.0 | 6.3 | 6.3 | 5.7 | 6.3 | 5.7 | 5.7 | 5.3 | 5.9 |
| HOVER (BURL TF-69) | 5.0 | 6.7 | 5.7 | 5.0 | 5.7 | 6.0 | 5.7 | 6.0 | 5.8 |
| IS-TF-287 | 5.7 | 6.0 | 5.7 | 5.7 | 6.0 | 6.0 | 5.7 | 5.7 | 5.8 |
| PST-5MVD | 7.0 | 6.0 | 5.7 | 6.0 | 5.7 | 5.7 | 5.7 | 6.0 | 5.8 |
| RAD-TF-89 | 5.0 | 6.7 | 5.7 | 5.3 | 6.0 | 6.0 | 5.7 | 5.3 | 5.8 |
| CAESAR (TY 10) | 7.0 | 6.0 | 6.0 | 5.3 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 |
| NIGHTCRAWLER (IS-TF 285) | 6.7 | 6.0 | 5.7 | 5.3 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 |
| PPG-TF-115 | 6.7 | 5.7 | 5.7 | 5.7 | 5.3 | 5.7 | 6.0 | 6.0 | 5.7 |
| IS-TF 276 M2 | 7.0 | 6.0 | 5.7 | 4.7 | 5.7 | 5.7 | 5.7 | 6.0 | 5.6 |
| K12-MCD | 6.0 | 6.0 | 5.7 | 5.7 | 5.7 | 5.3 | 5.3 | 5.7 | 5.6 |
| MERIDIAN (PST-5GRB) | 4.7 | 6.0 | 5.7 | 5.0 | 5.7 | 5.7 | 5.7 | 5.7 | 5.6 |
| K12-05 | 6.0 | 6.3 | 5.7 | 5.0 | 5.0 | 5.7 | 5.0 | 6.0 | 5.5 |
| PPG-TF-138 | 6.7 | 6.0 | 5.7 | 5.0 | 5.0 | 5.7 | 5.3 | 6.0 | 5.5 |
| PSG-TT4 | 6.7 | 6.3 | 5.3 | 5.7 | 5.3 | 5.0 | 5.3 | 5.3 | 5.5 |
| RAD-TF-92 | 4.7 | 6.0 | 5.3 | 5.0 | 5.3 | 5.3 | 6.0 | 5.7 | 5.5 |
| SWAGGER (PST-5R05) | 7.3 | 6.0 | 6.0 | 5.7 | 6.0 | 5.3 | 5.0 | 4.7 | 5.5 |
| BAR FA 121091 | 7.3 | 6.0 | 5.7 | 5.0 | 4.7 | 5.3 | 5.3 | 6.0 | 5.4 |
| DYNAMITE LS (PPG-TF-145) | 6.0 | 6.3 | 5.7 | 6.0 | 5.0 | 4.7 | 5.0 | 5.3 | 5.4 |
| TEMPTATION (OR-21) | 6.3 | 6.3 | 5.7 | 5.7 | 5.0 | 5.0 | 5.3 | 5.0 | 5.4 |

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/
2015 DATA

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

| NAME | PINK SNOW | | QUALITY RATINGS | | | | | | | MEAN |
|------------------------|-----------|-----|-----------------|------|------|-----|-----|-----|-----|------|
| | MOLD | MAY | JUN | JUL | AUG | SEP | OCT | NOV | | |
| THUNDERSTRUCK (TD1) | 6.7 | 6.0 | 5.0 | 4.0 | 5.3 | 6.0 | 5.3 | 6.0 | 5.4 | |
| K12-13 | 4.7 | 5.7 | 5.0 | 5.0 | 5.3 | 5.3 | 5.3 | 5.7 | 5.3 | |
| RAD-TF-83 | 5.7 | 6.0 | 5.0 | 4.3 | 5.0 | 6.0 | 5.3 | 5.7 | 5.3 | |
| BAR FA 121095 | 6.7 | 5.7 | 5.3 | 4.3 | 5.3 | 5.3 | 5.0 | 5.7 | 5.2 | |
| FALCON IV | 6.0 | 5.7 | 5.3 | 5.3 | 4.7 | 5.3 | 5.0 | 5.0 | 5.2 | |
| PST-5DZP | 7.0 | 5.7 | 5.3 | 5.3 | 5.0 | 5.0 | 5.3 | 4.7 | 5.2 | |
| PST-5EX2 | 7.0 | 6.0 | 5.3 | 5.3 | 5.3 | 5.0 | 5.0 | 4.7 | 5.2 | |
| RAIN DANCE (PST-5SDT) | 7.7 | 6.0 | 5.0 | 5.3 | 5.3 | 5.0 | 5.0 | 4.7 | 5.2 | |
| BAR FA 121089 | 7.0 | 5.7 | 5.0 | 5.0 | 4.7 | 5.3 | 5.0 | 5.3 | 5.1 | |
| JS 809 | 6.3 | 5.7 | 5.3 | 4.7 | 5.0 | 4.7 | 5.0 | 5.3 | 5.1 | |
| PSG-GSD | 7.0 | 5.7 | 5.3 | 5.0 | 5.3 | 5.0 | 5.0 | 4.7 | 5.1 | |
| 204 RES. BLK4 | 5.3 | 5.3 | 5.0 | 3.7 | 4.3 | 5.3 | 5.0 | 6.0 | 5.0 | |
| ARES (PPG-TF-142) | 7.7 | 5.7 | 5.7 | 5.3 | 5.0 | 4.3 | 4.7 | 4.3 | 5.0 | |
| JS 818 | 7.3 | 6.0 | 5.0 | 4.7 | 4.7 | 4.7 | 5.0 | 5.3 | 5.0 | |
| PSG-8BP2 | 6.3 | 5.7 | 4.7 | 3.7 | 5.0 | 5.0 | 4.7 | 5.3 | 4.9 | |
| JS 825 | 7.0 | 5.7 | 5.0 | 4.3 | 4.7 | 5.0 | 4.7 | 4.0 | 4.8 | |
| AQUADUCT | 6.3 | 5.7 | 5.0 | 4.3 | 4.7 | 4.3 | 4.7 | 4.3 | 4.7 | |
| COMP. RES. SST | 6.7 | 5.3 | 4.3 | 4.0 | 4.3 | 5.0 | 4.7 | 5.0 | 4.7 | |
| INSPIRATION (PST-R5NW) | 7.0 | 5.3 | 5.0 | 4.3 | 4.3 | 4.7 | 4.3 | 4.7 | 4.7 | |
| JS 819 | 7.0 | 5.7 | 5.0 | 4.3 | 5.3 | 4.3 | 4.0 | 4.3 | 4.7 | |
| FRONTLINE (EXP TF-09) | 7.3 | 5.3 | 4.7 | 4.3 | 4.0 | 4.0 | 5.0 | 4.7 | 4.6 | |
| MARAUDER | 6.0 | 5.0 | 4.3 | 3.3 | 4.3 | 4.0 | 4.3 | 4.7 | 4.3 | |
| ANNIHILATOR | 6.7 | 5.0 | 4.3 | 3.3 | 4.0 | 4.0 | 4.0 | 4.7 | 4.2 | |
| WARHAWK | 5.7 | 5.0 | 4.3 | 4.0 | 3.7 | 3.7 | 3.7 | 3.7 | 4.0 | |
| BAR FA 120878 | 8.0 | 4.7 | 3.7 | 3.7 | 3.7 | 3.3 | 3.3 | 3.0 | 3.6 | |
| KY-31 | 7.7 | 4.0 | 3.0 | 3.0 | 2.3 | 2.3 | 2.7 | 2.3 | 2.8 | |
| LSD VALUE | 2.1 | 0.9 | 0.9 | 1.1 | 0.9 | 0.9 | 0.9 | 0.8 | 0.6 | |
| C.V. (%) | 15.3 | 9.0 | 10.0 | 12.3 | 10.0 | 9.6 | 9.5 | 9.0 | 6.4 | |

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 12.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT COLUMBIA, MO 1/
2015 DATA

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

| NAME | GENETIC COLOR | LEAF TEXTURE | QUALITY RATINGS | | | | | | | | | MEAN |
|------------------------------|------------------|-----------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | | | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | | |
| TRAVERSE 2 SRP (W45) | 6.7 | 6.0 | 7.7 | 8.0 | 8.0 | 7.0 | 6.3 | 6.7 | 6.7 | 7.0 | 7.2 | |
| PSG-P01 | 6.3 | 5.7 | 6.3 | 7.0 | 7.3 | 6.7 | 6.0 | 6.7 | 6.7 | 7.3 | 6.8 | |
| ARES (PPG-TF-142) | 6.7 | 5.7 | 4.7 | 7.3 | 7.0 | 7.0 | 6.7 | 7.0 | 7.0 | 7.0 | 6.7 | |
| 4TH MILLENNIUM SRP (U43) | 6.3 | 6.0 | 6.7 | 7.0 | 7.3 | 6.7 | 6.0 | 6.3 | 6.3 | 6.7 | 6.6 | |
| IS-TF 311 | 6.0 | 6.0 | 5.3 | 7.0 | 7.7 | 7.0 | 6.0 | 6.3 | 6.7 | 6.7 | 6.6 | |
| THOR (PPG-TF-157) | 6.0 | 5.7 | 6.3 | 7.7 | 7.3 | 6.7 | 5.7 | 6.3 | 6.3 | 6.3 | 6.6 | |
| AMITY (CCR2) | 6.0 | 6.0 | 6.3 | 7.0 | 7.0 | 6.7 | 5.7 | 6.3 | 6.3 | 6.3 | 6.5 | |
| FESNOVA | 5.7 | 5.3 | 5.3 | 7.0 | 7.0 | 6.3 | 6.3 | 6.3 | 6.7 | 6.7 | 6.5 | |
| FIREWALL (PSG-WE1) | 6.3 | 5.7 | 6.3 | 6.7 | 7.3 | 6.0 | 5.7 | 6.0 | 6.7 | 7.0 | 6.5 | |
| GRANDE 3 | 6.0 | 5.7 | 7.0 | 6.7 | 7.7 | 6.0 | 6.0 | 6.3 | 6.3 | 6.3 | 6.5 | |
| IS-TF 276 M2 | 5.7 | 6.0 | 5.3 | 6.7 | 7.7 | 6.7 | 5.7 | 6.3 | 6.7 | 6.7 | 6.5 | |
| MET 1 | 6.0 | 6.0 | 6.7 | 7.7 | 7.0 | 6.0 | 5.7 | 6.0 | 6.0 | 6.7 | 6.5 | |
| PPG-TF-135 | 5.7 | 5.7 | 6.0 | 5.7 | 6.0 | 6.3 | 6.3 | 7.0 | 7.0 | 7.3 | 6.5 | |
| GTO (BURL TF-2) | 6.3 | 5.7 | 6.0 | 7.7 | 7.7 | 6.3 | 5.3 | 6.0 | 6.0 | 6.0 | 6.4 | |
| MAESTRO (T31) | 6.0 | 5.3 | 6.0 | 6.7 | 6.7 | 6.0 | 6.3 | 6.3 | 6.7 | 6.7 | 6.4 | |
| TECHNIQUE (RZ2) | 5.7 | 6.0 | 5.7 | 7.0 | 7.0 | 6.7 | 5.7 | 6.0 | 6.3 | 6.7 | 6.4 | |
| TEMPLE (DZ1) | 6.0 | 6.3 | 5.3 | 6.3 | 6.7 | 6.3 | 6.3 | 6.7 | 6.7 | 6.7 | 6.4 | |
| AVENGER II (PPG-TF-156) | 5.7 | 6.0 | 5.7 | 7.3 | 7.0 | 6.0 | 5.7 | 6.0 | 6.3 | 6.3 | 6.3 | |
| B23 | 5.7 | 6.3 | 6.0 | 6.7 | 7.7 | 6.7 | 5.7 | 5.7 | 6.0 | 6.3 | 6.3 | |
| CATALYST | 6.0 | 6.0 | 5.7 | 7.3 | 7.0 | 6.3 | 5.7 | 5.7 | 6.0 | 6.7 | 6.3 | |
| DIABLO (IS-TF 330) | 6.7 | 6.0 | 5.7 | 7.0 | 6.7 | 6.3 | 5.7 | 6.0 | 6.3 | 6.7 | 6.3 | |
| MET-3 | 6.0 | 6.0 | 6.0 | 7.3 | 7.0 | 6.0 | 5.7 | 5.7 | 6.3 | 6.3 | 6.3 | |
| PPG-TF-169 | 5.7 | 5.7 | 6.7 | 6.7 | 7.0 | 6.0 | 5.7 | 5.7 | 6.0 | 6.7 | 6.3 | |
| REGENERATE | 5.7 | 6.0 | 5.7 | 6.3 | 6.3 | 5.7 | 6.3 | 6.7 | 6.3 | 6.7 | 6.3 | |
| SWAGGER (PST-5R05) | 5.7 | 6.0 | 5.0 | 6.3 | 7.0 | 5.7 | 6.3 | 6.3 | 6.7 | 6.7 | 6.3 | |
| TEMPTATION (OR-21) | 6.7 | 6.0 | 5.7 | 7.3 | 7.3 | 7.0 | 5.3 | 5.7 | 6.0 | 6.3 | 6.3 | |
| BULLSEYE | 5.3 | 6.0 | 5.7 | 7.0 | 7.7 | 6.3 | 5.3 | 5.7 | 5.7 | 6.0 | 6.2 | |
| EMBRACE (PST-5EV2) | 6.3 | 6.0 | 6.0 | 6.7 | 6.7 | 6.0 | 5.7 | 6.3 | 6.0 | 6.3 | 6.2 | |
| FAITH | 6.3 | 6.3 | 6.0 | 7.0 | 7.3 | 6.0 | 5.3 | 5.7 | 6.0 | 6.3 | 6.2 | |
| HEMI | 6.0 | 6.3 | 7.0 | 7.3 | 6.7 | 6.3 | 5.7 | 5.3 | 5.3 | 6.0 | 6.2 | |
| RHIZING MOON (IS-TF 305 SEL) | 6.3 | 6.0 | 6.3 | 7.0 | 7.3 | 6.3 | 5.7 | 5.7 | 5.7 | 5.7 | 6.2 | |
| CROSSFIRE 4 (IS-TF 310 SEL) | 6.0 | 5.7 | 6.0 | 7.3 | 7.7 | 6.0 | 5.3 | 5.7 | 5.7 | 6.0 | 6.2 | |
| LEONARDO (LTP-FSD) | 6.3 | 5.7 | 6.3 | 7.3 | 7.3 | 5.7 | 5.7 | 5.3 | 5.7 | 6.3 | 6.2 | |
| BLOODHOUND (MET 6 SEL) | 5.3 | 6.0 | 5.7 | 6.0 | 6.3 | 5.7 | 5.7 | 6.3 | 6.7 | 7.0 | 6.2 | |
| PPG-TF-138 | 5.7 | 5.3 | 5.0 | 6.3 | 7.0 | 6.0 | 6.0 | 6.3 | 6.3 | 6.3 | 6.2 | |
| RAPTOR III (ZW 44) | 6.0 | 6.0 | 5.7 | 6.7 | 7.3 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.2 | |
| TITANIUM 2LS (PPG-TF-152) | 6.3 | 6.0 | 6.3 | 7.0 | 7.0 | 6.0 | 5.0 | 6.0 | 6.0 | 6.0 | 6.2 | |
| W41 | 6.0 | 6.0 | 6.0 | 7.0 | 6.7 | 6.3 | 5.7 | 6.0 | 6.0 | 6.0 | 6.2 | |
| F711 | 6.0 | 6.0 | 6.0 | 5.7 | 6.3 | 6.3 | 5.7 | 6.3 | 6.3 | 6.3 | 6.1 | |
| IS-TF 269 SEL | 5.7 | 5.7 | 4.7 | 6.7 | 6.7 | 6.0 | 6.0 | 6.3 | 6.3 | 6.3 | 6.1 | |
| JS 916 | 6.7 | 6.0 | 6.0 | 5.7 | 6.7 | 6.0 | 5.3 | 6.3 | 6.3 | 6.3 | 6.1 | |
| REBOUNDER (PICK-W43) | 6.0 | 6.0 | 6.0 | 7.0 | 7.3 | 5.7 | 5.7 | 5.7 | 5.7 | 6.0 | 6.1 | |
| RAIN DANCE (PST-5SDT) | 6.0 | 5.3 | 5.7 | 7.3 | 7.3 | 6.0 | 5.0 | 5.3 | 6.0 | 6.3 | 6.1 | |
| REFLECTION (U45) | 6.0 | 6.0 | 4.7 | 6.3 | 7.3 | 6.0 | 6.0 | 6.0 | 6.3 | 6.3 | 6.1 | |
| RHAMBLER 2 SRP (LSD) | 6.0 | 5.7 | 5.0 | 6.7 | 7.0 | 6.3 | 6.3 | 5.7 | 6.0 | 6.0 | 6.1 | |

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/
2015 DATA

| NAME | TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/ | | | | | | | | | | |
|------------------------------|--|-----------------|-----|-----|-----|----------------|----------------|-----|-----|-----|------|
| | GENETIC COLOR | LEAF TEXTURE | MAR | APR | MAY | QUALITY JUN | RATINGS JUL | AUG | SEP | OCT | MEAN |
| SCREAMER LS (PPG-TF-148) | 5.3 | 5.7 | 5.7 | 6.3 | 6.7 | 5.3 | 5.7 | 6.3 | 6.3 | 6.3 | 6.1 |
| ATF 1754 | 6.0 | 5.3 | 4.7 | 6.3 | 7.3 | 5.3 | 6.0 | 6.0 | 6.3 | 6.3 | 6.0 |
| BLACK TAIL (PPG-TF-150) | 6.0 | 6.0 | 5.3 | 7.0 | 6.7 | 5.7 | 5.7 | 5.7 | 5.7 | 6.3 | 6.0 |
| HOUNDOG8 (IS-TF 307 SEL) | 6.7 | 6.0 | 5.0 | 7.0 | 7.0 | 6.3 | 5.3 | 5.3 | 6.0 | 6.0 | 6.0 |
| K12-MCD | 5.7 | 6.0 | 5.0 | 7.0 | 7.0 | 6.3 | 5.3 | 5.7 | 5.7 | 6.0 | 6.0 |
| PST-5BP0 | 5.3 | 5.7 | 5.0 | 6.7 | 6.7 | 5.7 | 5.7 | 6.0 | 6.3 | 6.3 | 6.0 |
| SALTILLO (PST-5SALT) | 6.0 | 6.0 | 5.0 | 6.3 | 6.7 | 6.0 | 5.7 | 5.7 | 6.3 | 6.3 | 6.0 |
| THUNDERSTRUCK (TD1) | 6.7 | 6.0 | 4.3 | 6.7 | 7.0 | 6.0 | 5.3 | 5.7 | 6.0 | 6.7 | 6.0 |
| ATF 1612 | 5.3 | 6.0 | 4.7 | 6.7 | 7.0 | 5.3 | 5.7 | 5.7 | 6.0 | 6.0 | 5.9 |
| BAR FA 121095 | 6.0 | 6.0 | 4.0 | 6.3 | 7.3 | 6.0 | 5.7 | 6.0 | 6.0 | 6.0 | 5.9 |
| BIZEM | 6.0 | 6.0 | 5.3 | 6.7 | 6.3 | 6.0 | 5.7 | 5.7 | 5.7 | 6.0 | 5.9 |
| DYNAMITE LS (PPG-TF-145) | 7.0 | 6.0 | 4.3 | 7.7 | 7.7 | 6.0 | 5.0 | 5.3 | 5.3 | 6.0 | 5.9 |
| FALCON IV | 6.3 | 5.7 | 6.0 | 6.7 | 7.0 | 5.7 | 5.7 | 5.7 | 5.3 | 5.3 | 5.9 |
| FALCON V | 6.0 | 6.0 | 5.3 | 6.3 | 6.3 | 5.3 | 6.0 | 6.0 | 6.0 | 6.0 | 5.9 |
| HOT ROD (BURL TF-136) | 6.0 | 5.3 | 5.7 | 6.3 | 6.0 | 5.3 | 5.7 | 6.0 | 6.0 | 6.0 | 5.9 |
| MICHELANGELO (LTP-F5DPDR) | 5.7 | 6.3 | 5.3 | 6.3 | 6.7 | 5.7 | 5.3 | 5.7 | 6.0 | 6.0 | 5.9 |
| WICHITA (PPG-TF-151) | 6.3 | 6.0 | 6.3 | 6.7 | 6.7 | 6.0 | 5.0 | 5.0 | 5.3 | 6.0 | 5.9 |
| 'COMMANDER (PPG-TF-170) | 5.7 | 6.0 | 5.7 | 6.3 | 6.3 | 5.3 | 5.7 | 5.7 | 5.7 | 6.3 | 5.9 |
| PPG-TF-172 | 6.3 | 5.7 | 4.7 | 6.7 | 6.7 | 6.3 | 5.7 | 5.3 | 5.7 | 6.0 | 5.9 |
| PSG-8BP2 | 6.0 | 5.3 | 4.7 | 6.3 | 6.0 | 6.3 | 5.3 | 6.0 | 6.0 | 6.3 | 5.9 |
| PST-5MVD | 6.0 | 6.0 | 5.0 | 6.0 | 6.3 | 5.3 | 5.7 | 6.3 | 6.0 | 6.3 | 5.9 |
| RAD-TF-89 | 6.0 | 6.7 | 4.7 | 7.3 | 7.0 | 5.3 | 5.0 | 5.7 | 5.7 | 6.3 | 5.9 |
| ATF 1704 | 5.7 | 6.0 | 6.0 | 6.3 | 6.3 | 5.3 | 5.0 | 5.7 | 5.7 | 6.0 | 5.8 |
| CAESAR (TY 10) | 6.3 | 6.0 | 5.7 | 6.0 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 6.3 | 5.8 |
| FOXHOUND (IS-TF 284 M2) | 7.0 | 6.0 | 4.0 | 5.7 | 6.3 | 6.0 | 5.7 | 6.0 | 6.0 | 6.3 | 5.8 |
| INSPIRATION (PST-R5NW) | 6.0 | 5.3 | 5.0 | 5.7 | 6.7 | 5.7 | 5.7 | 5.7 | 6.0 | 6.0 | 5.8 |
| IS-TF 308 SEL | 6.0 | 6.0 | 5.0 | 6.0 | 6.0 | 5.7 | 5.7 | 6.0 | 6.0 | 6.0 | 5.8 |
| K12-05 | 6.3 | 6.0 | 5.3 | 7.7 | 7.7 | 6.0 | 4.3 | 4.7 | 5.0 | 5.7 | 5.8 |
| MARAUDER | 6.0 | 6.3 | 4.3 | 5.7 | 6.7 | 5.7 | 5.0 | 5.7 | 6.3 | 6.7 | 5.8 |
| MERIDIAN (PST-5GRB) | 5.3 | 6.0 | 4.3 | 6.7 | 7.7 | 6.3 | 5.3 | 4.7 | 5.3 | 5.7 | 5.8 |
| PARAMOUNT (PPG-TF-137) | 5.3 | 6.0 | 5.0 | 6.7 | 6.3 | 5.3 | 5.7 | 5.3 | 6.0 | 6.0 | 5.8 |
| PST-5EX2 | 5.3 | 5.3 | 5.7 | 5.7 | 6.3 | 6.0 | 5.3 | 5.7 | 5.7 | 6.0 | 5.8 |
| RAD-TF-92 | 6.0 | 6.0 | 5.0 | 7.0 | 7.3 | 6.3 | 4.7 | 4.7 | 5.3 | 6.3 | 5.8 |
| ROCKWELL (LTP-TWUJ) | 6.3 | 6.0 | 5.3 | 6.3 | 6.0 | 5.7 | 5.3 | 5.7 | 6.0 | 6.0 | 5.8 |
| ROWDY (SRX-TPC) | 5.3 | 6.0 | 4.3 | 6.3 | 6.3 | 5.7 | 5.7 | 5.7 | 6.0 | 6.7 | 5.8 |
| TERRANO | 6.0 | 5.3 | 4.3 | 6.0 | 6.0 | 5.3 | 6.0 | 6.0 | 6.0 | 6.3 | 5.8 |
| NIGHTCRAWLER (IS-TF 285) | 6.0 | 6.0 | 4.3 | 6.0 | 6.7 | 5.7 | 5.7 | 5.3 | 6.0 | 6.0 | 5.7 |
| BAR FA 121089 | 6.0 | 5.7 | 5.0 | 6.3 | 6.7 | 5.0 | 5.7 | 5.3 | 5.3 | 5.3 | 5.6 |
| FAYETTE (IS-TF 291) | 6.3 | 6.0 | 4.3 | 6.3 | 6.0 | 5.3 | 5.7 | 5.3 | 5.7 | 6.0 | 5.6 |
| FIRECRACKER SLS (PPG-TF-105) | 6.0 | 6.0 | 4.7 | 6.0 | 6.3 | 5.7 | 5.3 | 5.3 | 5.7 | 5.7 | 5.6 |
| HOVER (BURL TF-69) | 5.7 | 6.0 | 5.0 | 6.3 | 6.3 | 5.3 | 5.3 | 5.3 | 5.7 | 5.7 | 5.6 |
| IS-TF 272 | 7.0 | 6.3 | 5.3 | 6.7 | 6.3 | 5.3 | 5.0 | 5.0 | 5.7 | 5.7 | 5.6 |
| IS-TF-287 | 5.7 | 5.7 | 4.3 | 5.3 | 6.0 | 5.7 | 5.7 | 5.7 | 6.0 | 6.0 | 5.6 |
| JS 818 | 6.7 | 6.0 | 5.3 | 6.3 | 7.0 | 5.3 | 4.7 | 4.7 | 5.3 | 6.0 | 5.6 |
| PPG-TF-115 | 6.0 | 5.7 | 4.7 | 6.0 | 6.0 | 5.0 | 5.7 | 5.7 | 6.0 | 6.0 | 5.6 |

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/
2015 DATA

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

| NAME | GENETIC COLOR | LEAF TEXTURE | QUALITY RATINGS | | | | | | | | MEAN |
|------------------------|------------------|-----------------|-----------------|------|------|------|------|------|------|------|------|
| | | | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | |
| PSG-GSD | 6.0 | 5.3 | 5.0 | 6.7 | 6.7 | 5.3 | 5.0 | 5.3 | 5.3 | 5.3 | 5.6 |
| PST-5BRK | 5.0 | 6.0 | 5.0 | 6.0 | 6.0 | 5.0 | 5.3 | 5.7 | 5.7 | 6.0 | 5.6 |
| PST-5DZP | 6.0 | 5.7 | 4.3 | 6.7 | 7.0 | 5.3 | 5.0 | 5.3 | 5.7 | 5.7 | 5.6 |
| RAD-TF-83 | 6.0 | 5.7 | 5.3 | 7.0 | 6.3 | 5.0 | 5.0 | 5.0 | 5.7 | 5.7 | 5.6 |
| BAR FA 121091 | 6.0 | 5.7 | 4.7 | 5.7 | 6.3 | 5.0 | 5.0 | 5.7 | 5.7 | 6.0 | 5.5 |
| FIREBIRD 2 | 6.0 | 6.0 | 4.7 | 6.3 | 6.0 | 5.0 | 5.3 | 5.7 | 5.7 | 5.7 | 5.5 |
| MEMPHIS (GO-DFR) | 5.7 | 6.0 | 4.7 | 6.7 | 6.0 | 4.7 | 5.3 | 5.3 | 5.7 | 5.7 | 5.5 |
| UNITUS (IS-TF 289) | 6.0 | 5.7 | 4.0 | 5.7 | 6.3 | 5.7 | 5.3 | 5.3 | 5.7 | 6.0 | 5.5 |
| JS 819 | 6.3 | 5.7 | 4.7 | 7.3 | 6.7 | 4.3 | 4.7 | 5.3 | 5.7 | 5.7 | 5.5 |
| JS 825 | 6.0 | 5.0 | 4.0 | 6.0 | 6.0 | 5.3 | 5.3 | 5.7 | 6.0 | 6.0 | 5.5 |
| KINGDOM (DB1) | 6.3 | 6.0 | 5.0 | 6.0 | 6.7 | 4.7 | 5.0 | 5.3 | 5.3 | 5.7 | 5.5 |
| PSG-TT4 | 5.7 | 5.7 | 4.7 | 5.0 | 6.7 | 5.0 | 5.0 | 5.3 | 6.0 | 6.0 | 5.5 |
| TURFWAY (IS-TF 282 M2) | 6.0 | 6.0 | 5.0 | 6.7 | 6.7 | 5.0 | 5.0 | 5.0 | 5.3 | 5.3 | 5.5 |
| ATF 1736 | 6.0 | 6.0 | 5.0 | 6.3 | 6.3 | 5.0 | 5.0 | 5.0 | 5.3 | 5.3 | 5.4 |
| COMP. RES. SST | 6.0 | 6.0 | 4.3 | 7.0 | 6.3 | 4.7 | 4.7 | 5.0 | 5.7 | 5.7 | 5.4 |
| OLYMPUS (RAD-TF-88) | 6.0 | 6.0 | 5.0 | 5.7 | 6.7 | 4.7 | 5.0 | 5.3 | 5.3 | 5.7 | 5.4 |
| 204 RES. BLK4 | 4.7 | 6.7 | 4.7 | 6.0 | 5.7 | 4.3 | 4.7 | 5.7 | 5.7 | 6.0 | 5.3 |
| FRONTLINE (EXP TF-09) | 6.3 | 5.7 | 4.7 | 6.3 | 5.7 | 4.7 | 4.7 | 5.3 | 5.3 | 5.7 | 5.3 |
| JS 809 | 6.0 | 6.0 | 4.3 | 5.7 | 5.7 | 5.3 | 4.7 | 5.7 | 5.7 | 5.7 | 5.3 |
| K12-13 | 5.7 | 6.7 | 4.7 | 5.7 | 6.3 | 4.7 | 4.7 | 5.0 | 5.7 | 5.7 | 5.3 |
| XTENDER (PPG-TF-139) | 5.7 | 6.0 | 4.3 | 5.7 | 5.7 | 5.0 | 5.0 | 5.0 | 5.7 | 5.7 | 5.3 |
| WARHAWK | 6.3 | 6.0 | 4.7 | 5.7 | 5.7 | 4.7 | 5.0 | 5.0 | 5.3 | 5.3 | 5.2 |
| ANNIHILATOR | 5.3 | 6.3 | 5.0 | 6.3 | 6.3 | 4.7 | 4.3 | 4.3 | 4.7 | 5.0 | 5.1 |
| AQUADUCT | 5.7 | 6.0 | 3.7 | 5.3 | 5.7 | 4.0 | 4.7 | 5.0 | 5.3 | 5.3 | 4.9 |
| BAR FA 120878 | 5.0 | 5.3 | 4.3 | 5.0 | 5.3 | 4.3 | 4.0 | 5.0 | 5.0 | 5.0 | 4.8 |
| KY-31 | 3.0 | 3.0 | 4.0 | 3.0 | 4.0 | 4.0 | 3.7 | 3.3 | 4.0 | 4.0 | 3.8 |
| LSD VALUE | 1.0 | 0.8 | 1.6 | 2.1 | 2.7 | 1.8 | 1.2 | 1.8 | 1.8 | 1.8 | 1.0 |
| C.V. (%) | 9.2 | 7.5 | 16.6 | 14.1 | 14.0 | 14.7 | 11.4 | 13.3 | 11.4 | 11.4 | 8.9 |

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 13.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT MISS. ST., MS 1/
2015 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | WINTER COLOR | QUALITY RATINGS | | | | | | | | | | | | | MEAN |
|-----------------------------|------------------|-------------------|-----------------|-----------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | | | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | | |
| AVENGER II (PPG-TF-156) | 6.0 | 7.0 | 6.0 | 6.0 | 6.3 | 6.3 | 6.7 | 7.0 | 7.0 | 7.0 | 6.3 | 6.0 | 5.3 | 6.0 | 6.7 | 7.0 | 6.5 | |
| FAITH | 6.0 | 6.7 | 6.0 | 5.7 | 6.3 | 6.7 | 6.3 | 7.0 | 7.0 | 7.0 | 6.3 | 6.0 | 5.3 | 6.3 | 6.3 | 7.3 | 6.5 | |
| ATF 1612 | 6.0 | 6.0 | 5.7 | 5.0 | 6.0 | 6.0 | 6.3 | 6.7 | 7.0 | 7.0 | 6.0 | 6.0 | 5.3 | 6.3 | 6.7 | 7.0 | 6.4 | |
| HOVER (BURL TF-69) | 6.0 | 6.3 | 6.3 | 4.7 | 6.0 | 6.0 | 6.3 | 7.0 | 7.0 | 7.0 | 6.3 | 6.0 | 5.0 | 6.0 | 7.0 | 6.7 | 6.4 | |
| IS-TF 272 | 6.7 | 5.7 | 6.0 | 5.0 | 6.0 | 6.0 | 6.3 | 7.0 | 7.0 | 7.0 | 6.3 | 6.0 | 5.0 | 5.7 | 7.0 | 7.0 | 6.4 | |
| PPG-TF-135 | 6.0 | 6.3 | 6.0 | 5.3 | 6.3 | 6.0 | 6.7 | 7.0 | 7.0 | 7.0 | 6.3 | 6.0 | 5.3 | 6.3 | 6.0 | 7.0 | 6.4 | |
| PPG-TF-172 | 6.0 | 6.0 | 6.0 | 5.3 | 6.0 | 6.0 | 6.3 | 7.0 | 7.0 | 7.0 | 6.7 | 6.0 | 5.0 | 6.0 | 6.7 | 7.0 | 6.4 | |
| RAPTOR III (ZW 44) | 6.0 | 6.0 | 6.0 | 5.3 | 6.0 | 6.0 | 6.7 | 7.0 | 7.0 | 7.0 | 6.0 | 6.3 | 5.7 | 6.3 | 6.7 | 6.7 | 6.4 | |
| THOR (PPG-TF-157) | 6.7 | 6.3 | 6.0 | 5.3 | 6.0 | 6.3 | 6.0 | 7.0 | 7.3 | 7.0 | 6.3 | 6.3 | 5.3 | 6.0 | 6.3 | 6.7 | 6.4 | |
| THUNDERSTRUCK (TD1) | 7.0 | 5.3 | 5.7 | 5.0 | 5.7 | 6.0 | 6.3 | 7.0 | 7.3 | 7.0 | 6.7 | 6.0 | 5.7 | 6.0 | 6.0 | 6.7 | 6.4 | |
| TURFWAY (IS-TF 282 M2) | 6.0 | 6.0 | 6.0 | 5.3 | 6.0 | 6.3 | 6.3 | 7.0 | 7.0 | 6.7 | 6.3 | 6.0 | 5.0 | 6.0 | 7.0 | 7.0 | 6.4 | |
| ATF 1704 | 6.0 | 6.0 | 6.0 | 5.3 | 6.0 | 6.0 | 6.0 | 7.0 | 6.7 | 7.0 | 6.0 | 6.3 | 5.3 | 6.0 | 6.3 | 6.3 | 6.3 | |
| ATF 1754 | 6.0 | 6.3 | 6.0 | 5.0 | 6.0 | 6.0 | 6.3 | 6.7 | 7.0 | 7.0 | 6.0 | 6.0 | 5.3 | 6.0 | 6.7 | 6.7 | 6.3 | |
| BIZEM | 6.0 | 6.3 | 6.0 | 5.0 | 6.0 | 6.0 | 6.0 | 7.0 | 7.0 | 7.0 | 6.0 | 6.0 | 5.0 | 6.0 | 6.3 | 6.7 | 6.3 | |
| BLACK TAIL (PPG-TF-150) | 6.0 | 6.3 | 6.0 | 5.3 | 6.0 | 6.3 | 7.0 | 7.0 | 7.0 | 7.0 | 6.0 | 6.0 | 5.0 | 5.7 | 5.7 | 6.3 | 6.3 | |
| AMITY (CCR2) | 6.0 | 6.3 | 6.0 | 5.7 | 6.3 | 6.3 | 6.7 | 7.0 | 7.0 | 7.0 | 6.0 | 6.0 | 5.3 | 6.0 | 6.0 | 6.3 | 6.3 | |
| FESNOVA | 6.3 | 6.3 | 6.0 | 5.3 | 6.0 | 6.0 | 6.3 | 7.0 | 7.0 | 7.0 | 6.0 | 6.0 | 5.0 | 6.0 | 6.3 | 6.7 | 6.3 | |
| FIREBIRD 2 | 6.0 | 6.3 | 6.0 | 5.0 | 6.0 | 6.0 | 6.3 | 7.0 | 7.0 | 7.0 | 6.0 | 6.0 | 5.0 | 6.0 | 6.7 | 7.0 | 6.3 | |
| FIREWALL (PSG-WE1) | 6.0 | 6.7 | 6.0 | 5.7 | 6.3 | 6.3 | 6.0 | 7.0 | 7.0 | 7.0 | 6.0 | 6.0 | 5.0 | 6.0 | 6.0 | 6.7 | 6.3 | |
| FOXHOUND (IS-TF 284 M2) | 7.0 | 6.0 | 6.0 | 5.0 | 6.0 | 6.0 | 6.3 | 7.0 | 7.0 | 7.0 | 6.7 | 6.0 | 5.0 | 5.7 | 6.0 | 6.7 | 6.3 | |
| IS-TF 269 SEL | 6.3 | 6.0 | 6.0 | 5.0 | 6.0 | 6.0 | 6.3 | 7.0 | 7.0 | 7.0 | 6.3 | 6.0 | 5.7 | 6.0 | 6.0 | 6.7 | 6.3 | |
| HOUNDG8 (IS-TF 307 SEL) | 6.7 | 6.0 | 6.0 | 5.0 | 6.0 | 6.0 | 6.3 | 7.0 | 7.0 | 7.0 | 6.3 | 6.3 | 5.0 | 6.0 | 6.0 | 6.3 | 6.3 | |
| CROSSFIRE 4 (IS-TF 310 SEL) | 6.3 | 6.3 | 6.0 | 5.3 | 6.0 | 6.3 | 6.3 | 7.0 | 7.0 | 7.0 | 6.3 | 6.0 | 5.3 | 6.0 | 6.0 | 6.7 | 6.3 | |
| JS 916 | 6.0 | 6.3 | 6.0 | 5.0 | 6.0 | 6.0 | 6.3 | 7.0 | 7.0 | 7.0 | 6.3 | 6.0 | 5.0 | 6.0 | 6.3 | 7.0 | 6.3 | |
| LEONARDO (LTP-FSD) | 6.0 | 6.7 | 6.0 | 5.0 | 6.0 | 6.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.0 | 6.0 | 5.0 | 5.7 | 6.3 | 6.7 | 6.3 | |
| MAESTRO (T31) | 6.0 | 6.7 | 5.7 | 5.7 | 6.0 | 6.0 | 6.7 | 7.0 | 6.7 | 7.0 | 6.3 | 6.0 | 5.0 | 6.0 | 6.3 | 6.3 | 6.3 | |
| MERIDIAN (PST-5GRB) | 6.0 | 6.0 | 6.0 | 4.7 | 6.0 | 6.0 | 6.7 | 7.0 | 6.7 | 6.7 | 6.0 | 6.0 | 5.0 | 6.0 | 7.0 | 6.7 | 6.3 | |
| MET 1 | 6.0 | 7.0 | 6.0 | 5.3 | 6.3 | 6.3 | 7.0 | 7.0 | 7.0 | 7.0 | 6.7 | 6.0 | 5.0 | 5.7 | 5.7 | 6.0 | 6.3 | |
| MET-3 | 6.0 | 6.3 | 6.3 | 5.7 | 6.3 | 6.7 | 6.3 | 7.0 | 7.0 | 7.0 | 6.7 | 6.0 | 5.0 | 6.0 | 5.7 | 6.3 | 6.3 | |
| PARAMOUNT (PPG-TF-137) | 6.3 | 6.7 | 6.0 | 6.0 | 6.0 | 6.3 | 6.3 | 7.0 | 7.0 | 7.0 | 6.3 | 6.0 | 5.0 | 6.0 | 5.7 | 6.3 | 6.3 | |
| PPG-TF-138 | 6.0 | 6.0 | 6.0 | 5.3 | 6.0 | 6.0 | 7.0 | 7.0 | 6.7 | 7.0 | 6.0 | 6.0 | 5.0 | 5.7 | 6.7 | 6.7 | 6.3 | |
| WICHITA (PPG-TF-151) | 6.0 | 7.0 | 6.0 | 5.3 | 6.0 | 6.3 | 6.7 | 7.0 | 7.0 | 7.0 | 6.3 | 6.0 | 5.3 | 6.0 | 6.0 | 6.3 | 6.3 | |
| PPG-TF-169 | 6.0 | 7.0 | 6.0 | 6.0 | 6.3 | 6.3 | 6.0 | 7.0 | 7.0 | 7.0 | 6.3 | 6.0 | 5.0 | 6.0 | 6.0 | 6.7 | 6.3 | |
| 'COMMANDER (PPG-TF-170) | 6.0 | 6.3 | 6.0 | 5.3 | 6.0 | 6.0 | 6.3 | 7.0 | 7.0 | 7.0 | 6.0 | 6.0 | 5.0 | 5.7 | 6.3 | 6.7 | 6.3 | |
| PSG-PO1 | 6.0 | 6.3 | 6.0 | 5.0 | 6.0 | 6.3 | 6.3 | 7.0 | 7.0 | 7.0 | 6.0 | 6.0 | 5.3 | 6.0 | 6.3 | 6.7 | 6.3 | |
| PST-5MVD | 6.0 | 5.7 | 5.7 | 5.0 | 5.7 | 6.0 | 6.0 | 6.3 | 6.3 | 7.0 | 6.3 | 6.7 | 6.0 | 6.0 | 6.3 | 6.7 | 6.3 | |
| RAD-TF-83 | 6.7 | 6.3 | 6.0 | 5.0 | 6.0 | 6.0 | 6.0 | 7.0 | 6.7 | 7.0 | 6.0 | 6.3 | 5.7 | 6.3 | 6.3 | 6.3 | 6.3 | |
| RAD-TF-89 | 6.3 | 6.3 | 6.0 | 5.0 | 5.7 | 6.0 | 6.3 | 7.0 | 7.0 | 6.7 | 6.0 | 6.0 | 5.0 | 6.0 | 6.7 | 6.7 | 6.3 | |
| RAD-TF-92 | 6.7 | 6.0 | 6.0 | 4.7 | 6.0 | 6.0 | 6.7 | 7.0 | 7.0 | 7.0 | 6.0 | 6.0 | 5.0 | 6.0 | 6.3 | 7.0 | 6.3 | |
| REGENERATE | 6.0 | 6.3 | 6.0 | 5.3 | 6.3 | 6.3 | 6.7 | 7.0 | 7.0 | 7.0 | 6.3 | 6.0 | 5.0 | 6.0 | 6.0 | 6.3 | 6.3 | |
| ROCKWELL (LTP-TWUU) | 6.0 | 6.0 | 6.0 | 5.3 | 6.0 | 6.0 | 6.0 | 6.7 | 7.0 | 7.0 | 6.0 | 6.0 | 5.0 | 6.3 | 6.7 | 6.7 | 6.3 | |
| SCREAMER LS (PPG-TF-148) | 6.0 | 7.3 | 6.0 | 6.0 | 6.3 | 6.3 | 6.7 | 7.0 | 7.0 | 7.0 | 6.0 | 6.0 | 5.0 | 6.0 | 6.0 | 6.3 | 6.3 | |
| TECHNIQUE (RZ2) | 6.0 | 6.3 | 6.0 | 5.3 | 6.0 | 6.3 | 6.3 | 7.0 | 7.0 | 7.0 | 6.3 | 6.0 | 5.3 | 5.7 | 6.0 | 6.7 | 6.3 | |
| TEMPLE (DZ1) | 6.3 | 5.7 | 6.0 | 5.3 | 6.0 | 6.0 | 6.0 | 6.7 | 7.0 | 7.0 | 6.3 | 6.3 | 5.3 | 6.0 | 6.7 | 6.7 | 6.3 | |
| TRAVERSE 2 SRP (W45) | 6.3 | 6.7 | 6.0 | 5.3 | 6.0 | 6.3 | 6.3 | 6.7 | 7.0 | 7.0 | 6.3 | 6.0 | 5.7 | 6.0 | 6.0 | 6.3 | 6.3 | |

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/
2015 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | WINTER COLOR | QUALITY RATINGS | | | | | | | | | | | | MEAN |
|------------------------------|------------------|-------------------|-----------------|-----------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | | | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| W41 | 6.3 | 6.3 | 6.0 | 5.0 | 6.0 | 6.0 | 6.7 | 7.0 | 7.0 | 7.0 | 6.0 | 6.0 | 5.3 | 5.7 | 5.7 | 6.7 | 6.3 |
| CAESAR (TY 10) | 6.7 | 6.3 | 6.0 | 5.0 | 5.7 | 6.3 | 6.3 | 7.0 | 7.0 | 7.0 | 6.0 | 5.7 | 5.0 | 6.0 | 6.3 | 6.3 | 6.2 |
| MEMPHIS (GO-DFR) | 6.0 | 5.3 | 6.0 | 4.7 | 6.0 | 6.0 | 6.0 | 6.7 | 7.0 | 7.0 | 6.0 | 6.0 | 5.0 | 6.0 | 6.3 | 6.7 | 6.2 |
| HEMI | 6.0 | 6.3 | 6.0 | 5.0 | 6.0 | 6.0 | 6.3 | 7.0 | 6.7 | 7.0 | 6.7 | 6.0 | 5.0 | 5.7 | 5.7 | 6.0 | 6.2 |
| RHIZING MOON (IS-TF 305 SEL) | 6.3 | 6.0 | 6.0 | 5.0 | 6.0 | 6.0 | 6.0 | 7.0 | 7.0 | 7.0 | 6.0 | 6.0 | 5.0 | 6.0 | 6.0 | 6.0 | 6.2 |
| IS-TF 308 SEL | 6.3 | 6.0 | 6.0 | 5.0 | 6.0 | 6.0 | 6.0 | 7.0 | 7.0 | 7.0 | 6.3 | 6.0 | 5.0 | 6.0 | 5.7 | 6.7 | 6.2 |
| K12-05 | 7.0 | 6.0 | 6.0 | 5.3 | 6.0 | 6.0 | 6.7 | 7.0 | 7.0 | 7.0 | 6.0 | 5.7 | 5.0 | 5.7 | 6.0 | 6.7 | 6.2 |
| K12-MCD | 6.0 | 6.0 | 6.0 | 5.0 | 5.7 | 6.0 | 6.3 | 6.7 | 6.7 | 7.0 | 6.3 | 6.0 | 5.3 | 5.7 | 6.0 | 6.3 | 6.2 |
| KINGDOM (DB1) | 7.0 | 5.3 | 6.0 | 5.0 | 6.0 | 6.0 | 5.3 | 7.0 | 7.0 | 7.0 | 6.3 | 6.0 | 5.3 | 6.0 | 6.3 | 6.3 | 6.2 |
| MICHELANGELO (LTP-F5DPDR) | 6.0 | 6.7 | 6.0 | 5.7 | 6.0 | 6.3 | 6.0 | 6.7 | 7.0 | 7.0 | 6.3 | 6.0 | 5.0 | 5.7 | 6.0 | 6.0 | 6.2 |
| REBOUNDER (PICK-W43) | 6.0 | 6.3 | 6.0 | 5.0 | 6.0 | 6.0 | 6.3 | 7.0 | 7.0 | 7.0 | 6.3 | 6.3 | 5.0 | 5.7 | 6.0 | 6.0 | 6.2 |
| PPG-TF-115 | 6.0 | 5.3 | 5.7 | 5.0 | 5.7 | 6.0 | 6.3 | 7.0 | 6.3 | 6.7 | 6.3 | 6.0 | 5.0 | 5.7 | 6.3 | 6.7 | 6.2 |
| 204 RES. BLK4 | 6.0 | 5.3 | 6.3 | 5.0 | 6.0 | 6.0 | 6.3 | 7.0 | 6.7 | 7.0 | 6.0 | 6.0 | 5.0 | 5.7 | 5.7 | 6.0 | 6.1 |
| 4TH MILLENNIUM SRP (U43) | 6.0 | 6.3 | 6.0 | 5.0 | 6.0 | 6.0 | 6.0 | 7.0 | 6.7 | 6.7 | 6.3 | 6.0 | 5.0 | 5.7 | 5.3 | 6.0 | 6.1 |
| ATF 1736 | 6.0 | 6.7 | 6.0 | 5.0 | 6.0 | 6.0 | 6.3 | 6.7 | 6.7 | 7.0 | 6.0 | 6.0 | 5.0 | 5.7 | 5.7 | 6.3 | 6.1 |
| BAR FA 121095 | 6.3 | 4.7 | 6.0 | 4.3 | 5.0 | 5.7 | 5.7 | 7.0 | 7.0 | 7.0 | 6.3 | 5.7 | 5.0 | 6.0 | 6.3 | 6.7 | 6.1 |
| DIABLO (IS-TF 330) | 6.0 | 5.3 | 6.0 | 5.0 | 5.7 | 6.0 | 6.0 | 6.7 | 6.7 | 7.0 | 6.0 | 5.7 | 5.0 | 5.7 | 6.0 | 6.3 | 6.1 |
| EMBRACE (PST-5EV2) | 6.0 | 6.7 | 6.0 | 5.3 | 5.7 | 5.7 | 6.7 | 7.0 | 7.0 | 7.0 | 6.3 | 5.7 | 4.7 | 5.7 | 5.7 | 6.0 | 6.1 |
| F711 | 6.0 | 6.7 | 6.0 | 5.7 | 6.0 | 6.0 | 6.0 | 7.0 | 7.0 | 7.0 | 6.0 | 6.0 | 5.0 | 5.3 | 5.7 | 6.0 | 6.1 |
| FAYETTE (IS-TF 291) | 7.0 | 6.3 | 6.0 | 5.7 | 6.0 | 6.3 | 6.0 | 6.7 | 7.0 | 7.0 | 6.0 | 6.0 | 5.0 | 5.7 | 5.3 | 6.0 | 6.1 |
| FRONTLINE (EXP TF-09) | 6.3 | 5.7 | 5.3 | 5.0 | 6.0 | 6.0 | 6.0 | 6.7 | 6.7 | 7.0 | 6.0 | 6.0 | 5.0 | 5.7 | 5.7 | 6.3 | 6.1 |
| GRANDE 3 | 6.0 | 6.7 | 6.0 | 5.3 | 6.0 | 6.0 | 6.0 | 6.3 | 6.3 | 7.0 | 6.0 | 6.0 | 5.0 | 6.0 | 5.7 | 6.3 | 6.1 |
| GTO (BURL TF-2) | 6.0 | 6.7 | 6.0 | 6.0 | 5.7 | 6.0 | 6.7 | 6.7 | 6.7 | 6.7 | 6.0 | 6.0 | 5.0 | 5.7 | 6.0 | 5.7 | 6.1 |
| NIGHTCRAWLER (IS-TF 285) | 6.7 | 6.0 | 6.0 | 5.0 | 5.7 | 6.0 | 6.7 | 7.0 | 7.0 | 7.0 | 6.0 | 6.0 | 5.0 | 5.3 | 5.7 | 6.3 | 6.1 |
| UNITUS (IS-TF 289) | 7.0 | 5.7 | 6.0 | 5.3 | 5.7 | 6.0 | 6.0 | 6.3 | 7.0 | 7.0 | 6.7 | 6.0 | 4.7 | 5.7 | 5.7 | 6.3 | 6.1 |
| IS-TF-287 | 6.0 | 5.7 | 6.0 | 4.7 | 5.3 | 5.7 | 6.0 | 7.0 | 7.0 | 7.0 | 6.0 | 6.0 | 4.7 | 5.7 | 5.7 | 6.7 | 6.1 |
| JS 818 | 6.0 | 5.0 | 6.0 | 4.3 | 5.7 | 5.3 | 6.0 | 6.7 | 7.0 | 6.7 | 6.0 | 5.7 | 5.0 | 5.7 | 6.3 | 6.7 | 6.1 |
| PSG-GSD | 6.0 | 6.0 | 5.3 | 5.0 | 6.0 | 6.0 | 6.3 | 6.7 | 6.7 | 6.7 | 6.0 | 6.0 | 5.0 | 5.7 | 6.0 | 6.7 | 6.1 |
| PST-5EX2 | 5.7 | 6.7 | 6.0 | 5.3 | 6.0 | 6.0 | 6.0 | 6.3 | 6.3 | 6.0 | 5.7 | 6.0 | 5.7 | 6.0 | 6.3 | 6.3 | 6.1 |
| OLYMPUS (RAD-TF-88) | 6.3 | 5.7 | 6.7 | 4.7 | 5.7 | 6.0 | 6.3 | 7.0 | 7.0 | 6.3 | 6.0 | 6.0 | 5.0 | 5.7 | 6.0 | 5.7 | 6.1 |
| RAIN DANCE (PST-5SDT) | 6.0 | 6.0 | 5.3 | 5.0 | 6.0 | 6.0 | 6.3 | 6.7 | 6.7 | 6.3 | 6.0 | 6.0 | 5.7 | 5.7 | 5.7 | 6.0 | 6.1 |
| SWAGGER (PST-5R05) | 6.0 | 6.0 | 6.0 | 5.0 | 5.7 | 6.0 | 6.3 | 7.0 | 7.0 | 6.7 | 5.7 | 5.7 | 5.0 | 5.7 | 5.7 | 6.3 | 6.1 |
| TERRANO | 6.0 | 6.0 | 6.0 | 5.0 | 6.0 | 6.0 | 6.0 | 7.0 | 6.7 | 7.0 | 6.0 | 5.7 | 5.0 | 5.7 | 6.0 | 6.0 | 6.1 |
| TITANIUM 2LS (PPG-TF-152) | 6.0 | 6.7 | 6.0 | 5.3 | 6.0 | 6.0 | 6.3 | 7.0 | 7.0 | 7.0 | 6.0 | 6.0 | 5.0 | 5.7 | 5.7 | 6.0 | 6.1 |
| B23 | 6.3 | 6.0 | 6.0 | 5.3 | 6.0 | 6.0 | 6.3 | 7.0 | 7.0 | 7.0 | 6.7 | 4.7 | 4.7 | 5.0 | 5.7 | 5.7 | 6.0 |
| BULLSEYE | 6.0 | 5.7 | 6.0 | 5.0 | 5.7 | 5.7 | 6.0 | 6.7 | 6.7 | 7.0 | 6.0 | 5.7 | 5.0 | 5.7 | 5.7 | 6.3 | 6.0 |
| FIRECRACKER SLS (PPG-TF-105) | 6.0 | 6.0 | 6.0 | 5.0 | 5.7 | 6.0 | 6.3 | 7.0 | 7.0 | 7.0 | 6.0 | 6.0 | 5.0 | 5.0 | 5.3 | 6.0 | 6.0 |
| HOT ROD (BURL TF-136) | 6.0 | 6.0 | 6.0 | 5.0 | 5.7 | 6.0 | 6.3 | 7.0 | 6.3 | 6.3 | 6.0 | 5.7 | 5.0 | 5.7 | 6.0 | 6.3 | 6.0 |
| INSPIRATION (PST-R5NW) | 6.3 | 5.7 | 5.3 | 5.0 | 5.7 | 6.0 | 6.3 | 6.7 | 6.7 | 6.7 | 6.0 | 6.0 | 5.0 | 5.3 | 5.7 | 6.0 | 6.0 |
| IS-TF 276 M2 | 6.3 | 5.7 | 6.0 | 5.0 | 5.7 | 6.0 | 6.0 | 6.7 | 6.7 | 6.7 | 5.7 | 5.7 | 5.0 | 5.7 | 6.0 | 6.3 | 6.0 |
| IS-TF 311 | 6.0 | 6.0 | 6.0 | 5.0 | 5.7 | 6.0 | 6.0 | 6.7 | 6.7 | 6.7 | 6.3 | 6.0 | 5.0 | 5.3 | 5.7 | 6.0 | 6.0 |
| JS 825 | 6.0 | 5.0 | 5.3 | 4.3 | 5.3 | 5.7 | 5.7 | 6.3 | 6.7 | 6.7 | 6.0 | 6.0 | 5.3 | 6.0 | 6.0 | 6.0 | 6.0 |
| K12-13 | 6.3 | 5.3 | 6.3 | 5.0 | 5.0 | 5.7 | 6.0 | 7.0 | 7.0 | 7.0 | 6.0 | 5.7 | 5.0 | 5.3 | 5.7 | 6.3 | 6.0 |
| PST-5BRK | 5.7 | 6.0 | 5.7 | 5.3 | 5.3 | 5.7 | 6.0 | 7.0 | 6.7 | 6.7 | 6.0 | 5.7 | 5.3 | 5.7 | 6.0 | 6.0 | 6.0 |
| REFLECTION (U45) | 6.0 | 6.3 | 6.0 | 5.0 | 5.7 | 6.0 | 6.0 | 6.7 | 7.0 | 7.0 | 6.0 | 5.7 | 5.0 | 5.3 | 5.7 | 6.0 | 6.0 |

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/
2015 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | WINTER COLOR | QUALITY RATINGS | | | | | | | | | | | | MEAN |
|--------------------------|------------------|-------------------|-----------------|-----------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| | | | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| ROWDY (SRX-TPC) | 6.3 | 6.0 | 6.0 | 5.0 | 6.0 | 6.0 | 6.7 | 7.0 | 7.0 | 7.0 | 6.0 | 5.7 | 4.3 | 5.3 | 5.0 | 5.7 | 6.0 |
| XTENDER (PPG-TF-139) | 6.3 | 6.3 | 6.0 | 5.0 | 6.0 | 6.3 | 6.3 | 7.0 | 7.0 | 7.0 | 6.0 | 5.7 | 4.7 | 5.0 | 5.3 | 5.7 | 6.0 |
| ANNIHILATOR | 6.0 | 5.3 | 5.7 | 4.7 | 5.7 | 5.3 | 6.0 | 7.0 | 6.7 | 6.7 | 5.7 | 5.3 | 5.0 | 5.7 | 5.3 | 6.0 | 5.9 |
| CATALYST | 6.3 | 6.3 | 6.0 | 5.3 | 5.7 | 6.3 | 6.0 | 7.0 | 7.0 | 7.0 | 6.0 | 5.3 | 4.7 | 5.3 | 4.7 | 5.3 | 5.9 |
| COMP. RES. SST | 6.0 | 5.3 | 6.0 | 5.0 | 5.7 | 5.7 | 6.3 | 7.0 | 6.7 | 7.0 | 5.7 | 5.3 | 5.0 | 5.3 | 5.3 | 6.0 | 5.9 |
| JS 809 | 6.3 | 5.0 | 6.0 | 4.0 | 4.7 | 5.0 | 6.0 | 7.0 | 6.3 | 6.7 | 5.7 | 5.7 | 5.0 | 6.0 | 6.3 | 6.7 | 5.9 |
| MARAUDER | 6.0 | 5.0 | 6.0 | 4.7 | 5.3 | 5.7 | 6.3 | 6.7 | 6.7 | 6.3 | 5.3 | 6.0 | 4.7 | 5.7 | 5.7 | 6.7 | 5.9 |
| BLOODHOUND (MET 6 SEL) | 6.0 | 6.7 | 5.7 | 5.7 | 6.3 | 6.0 | 6.3 | 6.7 | 6.3 | 6.7 | 6.0 | 6.0 | 5.0 | 5.0 | 5.0 | 6.0 | 5.9 |
| PSG-TT4 | 5.7 | 5.7 | 5.3 | 5.0 | 6.0 | 6.0 | 5.7 | 6.3 | 5.7 | 6.7 | 6.0 | 6.0 | 5.0 | 5.7 | 5.7 | 6.0 | 5.9 |
| PST-5BPO | 6.0 | 5.7 | 5.7 | 5.0 | 6.0 | 6.0 | 6.0 | 6.3 | 6.3 | 6.7 | 6.0 | 6.0 | 5.0 | 5.7 | 5.3 | 5.7 | 5.9 |
| SALTILLO (PST-5SALT) | 5.7 | 5.7 | 5.3 | 4.7 | 5.7 | 5.7 | 6.0 | 6.3 | 6.3 | 6.3 | 6.0 | 6.0 | 5.0 | 5.7 | 6.0 | 6.3 | 5.9 |
| WARHAWK | 6.3 | 4.7 | 6.0 | 5.0 | 5.7 | 5.7 | 6.0 | 6.7 | 6.3 | 6.7 | 5.7 | 5.7 | 5.0 | 5.3 | 5.7 | 6.3 | 5.9 |
| AQUADUCT | 5.3 | 5.7 | 5.0 | 5.0 | 5.7 | 6.0 | 5.7 | 6.3 | 6.0 | 6.7 | 6.0 | 5.3 | 5.0 | 5.3 | 5.3 | 6.0 | 5.8 |
| ARES (PPG-TF-142) | 7.0 | 5.0 | 6.0 | 5.0 | 5.3 | 5.7 | 6.0 | 7.0 | 6.7 | 7.0 | 6.3 | 5.7 | 4.7 | 5.0 | 5.0 | 5.3 | 5.8 |
| BAR FA 121089 | 6.0 | 5.3 | 5.7 | 5.0 | 5.7 | 5.7 | 6.0 | 6.0 | 6.0 | 6.3 | 5.7 | 5.7 | 4.7 | 5.7 | 6.0 | 6.3 | 5.8 |
| BAR FA 121091 | 6.0 | 5.3 | 5.0 | 5.0 | 5.3 | 5.7 | 5.7 | 6.3 | 6.0 | 6.3 | 6.0 | 5.0 | 5.0 | 5.7 | 6.3 | 6.0 | 5.8 |
| DYNAMITE LS (PPG-TF-145) | 6.3 | 5.3 | 6.0 | 5.0 | 5.3 | 5.3 | 6.0 | 7.0 | 7.0 | 7.0 | 6.0 | 5.7 | 4.3 | 5.3 | 5.3 | 5.3 | 5.8 |
| FALCON IV | 6.0 | 5.7 | 5.3 | 4.3 | 5.3 | 5.3 | 5.7 | 6.7 | 6.3 | 6.3 | 5.7 | 5.7 | 5.0 | 5.7 | 6.0 | 6.0 | 5.8 |
| FALCON V | 6.0 | 6.3 | 6.0 | 5.7 | 6.0 | 6.0 | 6.0 | 6.7 | 6.7 | 7.0 | 5.7 | 5.3 | 5.0 | 5.0 | 5.0 | 5.0 | 5.8 |
| JS 819 | 6.0 | 5.7 | 6.0 | 4.7 | 5.0 | 5.3 | 5.7 | 7.0 | 7.0 | 6.7 | 5.7 | 5.0 | 5.0 | 5.3 | 6.0 | 6.3 | 5.8 |
| PSG-8BP2 | 6.0 | 5.7 | 5.3 | 5.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.7 | 5.7 | 6.0 | 5.0 | 5.7 | 5.3 | 5.7 | 5.8 |
| PST-5DZP | 6.0 | 5.3 | 6.0 | 5.0 | 6.0 | 5.3 | 6.0 | 6.7 | 6.7 | 7.0 | 6.0 | 5.7 | 4.7 | 5.0 | 5.3 | 5.3 | 5.8 |
| TEMPTATION (OR-21) | 6.7 | 5.7 | 6.0 | 5.0 | 5.3 | 5.7 | 6.0 | 7.0 | 7.0 | 7.0 | 5.7 | 5.3 | 4.7 | 4.7 | 4.7 | 5.0 | 5.7 |
| RHAMBLER 2 SRP (LSD) | 6.3 | 6.0 | 6.0 | 5.0 | 5.7 | 5.7 | 6.0 | 6.7 | 6.7 | 7.0 | 5.7 | 5.0 | 4.3 | 4.7 | 4.7 | 5.3 | 5.6 |
| BAR FA 120878 | 5.0 | 5.0 | 4.0 | 4.3 | 5.0 | 5.7 | 5.0 | 5.3 | 5.0 | 5.3 | 5.0 | 5.0 | 5.0 | 5.0 | 4.7 | 5.3 | 5.1 |
| KY-31 | 4.0 | 5.0 | 3.0 | 4.3 | 4.3 | 4.3 | 4.0 | 4.3 | 4.0 | 4.0 | 4.3 | 4.3 | 4.0 | 4.7 | 4.3 | 4.0 | 4.2 |
| LSD VALUE | 0.5 | 0.9 | 0.4 | 0.7 | 0.7 | 0.7 | 0.8 | 0.6 | 0.6 | 0.5 | 0.8 | 0.7 | 0.7 | 1.2 | 1.7 | 1.5 | 0.4 |
| C.V. (%) | 5.3 | 8.6 | 4.5 | 7.8 | 6.8 | 6.3 | 7.0 | 5.0 | 5.4 | 4.4 | 6.7 | 6.5 | 6.9 | 8.6 | 12.1 | 10.7 | 3.8 |

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 14.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT RALEIGH, NC 1/
2015 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 | |
| TECHNIQUE (RZ2) | 7.3 | 8.0 | 7.7 | 7.7 | 6.7 | 6.7 | 7.3 | 8.0 | 8.0 | 7.7 | 7.3 | 6.7 | 7.3 | 8.0 | 7.4 |
| F711 | 8.0 | 8.3 | 7.3 | 7.3 | 6.3 | 6.7 | 8.0 | 8.0 | 7.7 | 7.7 | 7.7 | 6.0 | 7.0 | 7.7 | 7.3 |
| 4TH MILLENNIUM SRP (U43) | 7.7 | 8.3 | 7.3 | 7.3 | 6.3 | 6.7 | 7.3 | 7.3 | 7.7 | 7.3 | 7.3 | 6.7 | 7.3 | 7.7 | 7.2 |
| MET-3 | 8.0 | 8.3 | 7.3 | 7.7 | 6.7 | 6.7 | 8.0 | 8.0 | 8.0 | 8.0 | 7.0 | 5.3 | 6.7 | 7.0 | 7.2 |
| TITANIUM 2LS (PPG-TF-152) | 8.0 | 7.3 | 7.0 | 7.7 | 6.7 | 6.7 | 8.0 | 7.3 | 7.0 | 7.0 | 7.3 | 7.0 | 7.3 | 7.0 | 7.2 |
| TRAVERSE 2 SRP (W45) | 8.0 | 7.7 | 7.0 | 7.0 | 6.0 | 6.3 | 7.3 | 7.7 | 7.3 | 7.3 | 7.0 | 7.0 | 7.7 | 8.3 | 7.2 |
| AMITY (CCR2) | 8.0 | 7.3 | 7.7 | 7.0 | 6.0 | 6.3 | 8.0 | 8.0 | 7.0 | 7.0 | 7.0 | 6.3 | 7.3 | 8.0 | 7.1 |
| MET 1 | 7.7 | 7.3 | 7.7 | 7.0 | 6.0 | 6.7 | 7.0 | 7.0 | 7.7 | 8.0 | 7.3 | 7.0 | 7.3 | 7.0 | 7.1 |
| RAPTOR III (ZW 44) | 8.0 | 7.3 | 7.0 | 6.3 | 5.7 | 6.0 | 7.7 | 7.3 | 7.3 | 8.0 | 7.7 | 7.3 | 7.3 | 7.3 | 7.1 |
| HOT ROD (BURL TF-136) | 8.0 | 8.3 | 7.3 | 7.7 | 6.3 | 6.3 | 8.0 | 7.7 | 7.3 | 6.7 | 6.7 | 6.3 | 6.7 | 7.3 | 7.0 |
| PARAMOUNT (PPG-TF-137) | 7.7 | 7.7 | 7.3 | 7.0 | 6.3 | 6.7 | 7.3 | 7.7 | 7.7 | 6.7 | 6.7 | 5.7 | 7.0 | 7.3 | 6.9 |
| WICHITA (PPG-TF-151) | 8.0 | 7.3 | 7.3 | 7.0 | 6.0 | 6.3 | 7.7 | 7.3 | 7.7 | 7.3 | 6.7 | 5.7 | 6.7 | 7.3 | 6.9 |
| PPG-TF-169 | 7.0 | 8.3 | 7.0 | 7.3 | 6.3 | 7.0 | 7.3 | 7.3 | 7.3 | 7.0 | 5.3 | 6.0 | 7.0 | 7.7 | 6.9 |
| PPG-TF-172 | 8.0 | 8.0 | 7.3 | 7.3 | 6.3 | 6.3 | 8.0 | 7.7 | 7.3 | 7.0 | 6.3 | 5.0 | 6.7 | 7.7 | 6.9 |
| ROCKWELL (LTP-TWUU) | 7.7 | 8.0 | 7.0 | 7.7 | 6.7 | 6.7 | 7.7 | 7.7 | 6.7 | 7.0 | 6.7 | 6.0 | 6.7 | 6.7 | 6.9 |
| CATALYST | 8.0 | 8.3 | 7.0 | 7.3 | 6.7 | 7.0 | 7.0 | 7.3 | 7.0 | 7.3 | 6.3 | 5.7 | 6.3 | 6.3 | 6.8 |
| FIRECRACKER SLS (PPG-TF-105) | 8.3 | 7.7 | 7.3 | 6.7 | 6.0 | 6.3 | 7.3 | 7.3 | 6.7 | 7.3 | 7.0 | 6.3 | 6.7 | 7.0 | 6.8 |
| GRANDE 3 | 7.7 | 8.0 | 7.0 | 6.7 | 6.0 | 6.7 | 7.3 | 7.0 | 7.3 | 6.7 | 6.7 | 5.7 | 7.0 | 7.3 | 6.8 |
| MICHELANGELO (LTP-F5DPDR) | 7.7 | 7.7 | 7.0 | 7.3 | 6.0 | 6.3 | 7.7 | 7.3 | 6.3 | 6.3 | 6.3 | 6.0 | 7.0 | 7.7 | 6.8 |
| PPG-TF-135 | 8.0 | 7.7 | 7.3 | 6.7 | 5.7 | 6.3 | 7.7 | 7.7 | 8.0 | 6.7 | 6.3 | 5.3 | 6.7 | 7.3 | 6.8 |
| BIZEM | 8.0 | 8.0 | 7.0 | 7.0 | 6.0 | 6.7 | 7.7 | 7.7 | 7.0 | 7.0 | 6.3 | 5.3 | 6.3 | 6.7 | 6.7 |
| BLACK TAIL (PPG-TF-150) | 8.0 | 7.0 | 7.0 | 7.0 | 6.0 | 6.3 | 8.0 | 7.7 | 7.0 | 6.3 | 6.0 | 5.7 | 7.0 | 7.0 | 6.7 |
| IS-TF 308 SEL | 8.0 | 7.7 | 7.0 | 6.7 | 6.0 | 6.7 | 7.7 | 7.7 | 6.3 | 6.3 | 6.3 | 5.7 | 6.7 | 7.3 | 6.7 |
| LEONARDO (LTP-FSD) | 8.0 | 7.3 | 7.0 | 7.3 | 6.0 | 6.3 | 8.0 | 7.3 | 6.7 | 6.3 | 6.3 | 6.3 | 6.7 | 6.3 | 6.7 |
| BLOODHOUND (MET 6 SEL) | 7.0 | 7.7 | 7.0 | 7.3 | 6.3 | 6.3 | 7.0 | 7.0 | 6.7 | 6.3 | 6.0 | 6.3 | 7.0 | 7.7 | 6.7 |
| ATF 1704 | 7.3 | 7.7 | 7.0 | 7.3 | 6.3 | 6.3 | 7.0 | 7.0 | 6.3 | 6.7 | 6.3 | 5.7 | 6.7 | 7.3 | 6.6 |
| AVENGER II (PPG-TF-156) | 7.7 | 8.3 | 7.3 | 7.0 | 6.3 | 6.3 | 7.3 | 7.3 | 7.0 | 7.0 | 6.7 | 5.0 | 6.0 | 7.0 | 6.6 |
| GTO (BURL TF-2) | 7.7 | 8.3 | 7.0 | 7.7 | 6.3 | 7.0 | 7.3 | 7.0 | 7.0 | 6.0 | 6.0 | 5.3 | 6.7 | 6.7 | 6.6 |
| HOUNDOG8 (IS-TF 307 SEL) | 8.3 | 7.7 | 7.3 | 6.7 | 5.7 | 6.0 | 7.7 | 7.3 | 6.7 | 7.0 | 7.0 | 6.0 | 6.3 | 6.7 | 6.6 |
| MAESTRO (T31) | 8.0 | 7.7 | 7.0 | 7.0 | 6.0 | 6.0 | 7.3 | 7.3 | 6.3 | 6.0 | 6.7 | 6.0 | 7.0 | 6.7 | 6.6 |
| COMMANDER (PPG-TF-170) | 8.0 | 7.0 | 7.0 | 6.3 | 5.3 | 5.7 | 7.0 | 7.0 | 6.7 | 6.7 | 7.3 | 6.3 | 7.0 | 7.0 | 6.6 |
| PSG-PO1 | 8.0 | 8.0 | 7.0 | 7.0 | 6.0 | 6.0 | 7.0 | 7.3 | 6.7 | 6.7 | 6.3 | 5.7 | 7.0 | 7.0 | 6.6 |
| PST-5EX2 | 7.0 | 8.3 | 6.3 | 7.0 | 6.3 | 6.3 | 6.3 | 6.7 | 6.7 | 6.3 | 6.3 | 6.3 | 7.0 | 7.3 | 6.6 |
| AQUADUCT | 8.0 | 8.0 | 6.7 | 6.7 | 5.3 | 6.0 | 7.0 | 7.0 | 6.7 | 7.0 | 6.7 | 6.3 | 6.7 | 6.7 | 6.5 |
| DIABLO (IS-TF 330) | 8.3 | 7.3 | 7.0 | 7.3 | 5.7 | 6.3 | 7.7 | 7.3 | 7.3 | 6.7 | 5.3 | 5.3 | 6.7 | 6.3 | 6.5 |
| FAITH | 8.0 | 8.0 | 7.0 | 6.3 | 5.7 | 6.7 | 7.3 | 7.3 | 6.7 | 6.3 | 5.7 | 6.0 | 7.0 | 7.0 | 6.5 |
| FIREWALL (PSG-WE1) | 8.0 | 8.0 | 7.3 | 6.7 | 5.7 | 6.3 | 8.0 | 7.0 | 6.7 | 6.0 | 6.3 | 6.0 | 6.7 | 6.7 | 6.5 |
| HEMI | 8.0 | 7.0 | 7.3 | 6.7 | 5.7 | 5.7 | 7.3 | 7.3 | 7.0 | 7.0 | 5.7 | 5.7 | 6.7 | 6.7 | 6.5 |
| IS-TF 276 M2 | 8.0 | 7.0 | 6.7 | 7.0 | 6.0 | 6.0 | 7.0 | 7.3 | 6.3 | 6.3 | 6.7 | 6.0 | 6.3 | 7.0 | 6.5 |
| IS-TF 311 | 8.0 | 7.7 | 7.0 | 7.0 | 6.0 | 6.3 | 7.7 | 7.7 | 5.7 | 6.7 | 6.0 | 5.0 | 6.7 | 7.0 | 6.5 |
| KINGDOM (DB1) | 8.3 | 6.7 | 7.3 | 7.0 | 6.0 | 6.0 | 7.7 | 8.0 | 6.7 | 6.3 | 6.0 | 4.7 | 6.3 | 6.3 | 6.5 |
| REBOUNDER (PICK-W43) | 8.0 | 7.7 | 7.3 | 6.3 | 5.3 | 6.0 | 7.3 | 7.0 | 7.0 | 6.7 | 7.0 | 5.7 | 6.3 | 6.7 | 6.5 |
| PST-5BPO | 7.7 | 7.7 | 7.0 | 6.3 | 5.3 | 5.7 | 7.0 | 7.3 | 7.3 | 6.3 | 6.0 | 6.0 | 7.0 | 7.0 | 6.5 |
| REGENERATE | 7.7 | 7.7 | 7.3 | 7.0 | 6.3 | 6.3 | 7.0 | 7.3 | 6.7 | 6.3 | 6.0 | 5.7 | 6.3 | 6.7 | 6.5 |
| RHAMBLER 2 SRP (LSD) | 8.0 | 7.3 | 7.0 | 6.0 | 5.3 | 5.7 | 6.7 | 7.0 | 7.0 | 7.0 | 6.3 | 6.7 | 6.7 | 7.0 | 6.5 |

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/
2015 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 | |
| ROWDY (SRX-TPC) | 8.0 | 7.0 | 7.0 | 7.3 | 6.0 | 6.0 | 7.7 | 7.7 | 6.7 | 5.7 | 5.3 | 4.7 | 6.7 | 7.3 | 6.5 |
| SCREAMER LS (PPG-TF-148) | 7.3 | 7.7 | 7.0 | 7.0 | 6.0 | 6.0 | 7.3 | 7.3 | 7.3 | 6.7 | 5.3 | 5.0 | 6.3 | 7.0 | 6.5 |
| B23 | 8.0 | 7.0 | 7.0 | 6.3 | 5.3 | 5.7 | 7.0 | 6.7 | 7.0 | 7.3 | 5.7 | 6.3 | 6.3 | 6.3 | 6.4 |
| JS 916 | 8.0 | 7.3 | 7.3 | 7.0 | 6.0 | 6.0 | 7.7 | 7.0 | 6.3 | 6.7 | 6.0 | 5.0 | 6.0 | 6.3 | 6.4 |
| RAD-TF-89 | 8.0 | 7.3 | 7.0 | 7.0 | 6.0 | 6.0 | 7.7 | 7.3 | 6.3 | 6.3 | 5.3 | 5.0 | 6.7 | 6.7 | 6.4 |
| REFLECTION (U45) | 8.0 | 7.0 | 7.3 | 6.7 | 5.7 | 5.7 | 7.3 | 7.3 | 7.0 | 6.0 | 6.0 | 5.7 | 6.3 | 6.7 | 6.4 |
| THOR (PPG-TF-157) | 8.0 | 7.3 | 7.0 | 7.0 | 5.7 | 5.7 | 7.0 | 7.3 | 7.7 | 6.7 | 6.3 | 5.3 | 5.7 | 6.0 | 6.4 |
| W41 | 8.0 | 7.7 | 7.0 | 6.3 | 5.3 | 5.7 | 7.0 | 7.3 | 6.7 | 6.7 | 6.3 | 5.3 | 6.3 | 7.3 | 6.4 |
| XTENDER (PPG-TF-139) | 8.0 | 7.3 | 7.0 | 6.0 | 5.3 | 5.7 | 6.7 | 6.7 | 7.3 | 7.3 | 6.3 | 6.0 | 6.3 | 6.7 | 6.4 |
| ATF 1754 | 7.3 | 7.7 | 7.0 | 6.7 | 5.7 | 6.0 | 7.0 | 7.3 | 7.0 | 6.3 | 6.0 | 4.7 | 6.3 | 6.7 | 6.3 |
| FALCON V | 8.0 | 7.7 | 7.0 | 6.7 | 6.3 | 6.3 | 7.3 | 6.7 | 6.3 | 6.3 | 6.0 | 5.0 | 6.0 | 6.3 | 6.3 |
| IS-TF 269 SEL | 8.3 | 7.3 | 7.0 | 6.7 | 5.3 | 5.7 | 7.0 | 6.7 | 6.3 | 6.3 | 6.7 | 5.0 | 6.3 | 7.0 | 6.3 |
| PPG-TF-138 | 8.0 | 7.3 | 7.0 | 6.7 | 5.3 | 5.7 | 7.0 | 7.3 | 7.3 | 6.7 | 6.0 | 5.0 | 6.3 | 6.3 | 6.3 |
| PST-5BRK | 7.7 | 7.7 | 6.7 | 6.3 | 5.3 | 6.0 | 6.7 | 7.0 | 6.7 | 6.0 | 6.3 | 5.7 | 6.3 | 6.7 | 6.3 |
| RAIN DANCE (PST-5SDT) | 8.0 | 7.7 | 7.0 | 6.7 | 5.7 | 6.3 | 7.0 | 7.0 | 6.3 | 6.0 | 5.7 | 5.3 | 6.3 | 6.7 | 6.3 |
| TEMPLE (DZ1) | 8.0 | 7.3 | 7.3 | 6.7 | 5.7 | 6.0 | 7.3 | 7.3 | 6.7 | 6.3 | 6.3 | 5.3 | 6.0 | 6.0 | 6.3 |
| CAESAR (TY 10) | 8.3 | 7.0 | 7.0 | 6.7 | 5.3 | 6.0 | 7.3 | 6.7 | 5.7 | 6.3 | 6.3 | 5.0 | 6.0 | 6.3 | 6.2 |
| EMBRACE (PST-5EV2) | 8.0 | 7.3 | 7.0 | 6.3 | 5.3 | 5.7 | 7.0 | 7.7 | 7.0 | 7.0 | 6.3 | 4.3 | 5.7 | 6.3 | 6.2 |
| FESNOVA | 8.0 | 7.3 | 7.0 | 6.7 | 5.7 | 6.0 | 7.0 | 7.0 | 6.3 | 6.7 | 5.7 | 5.0 | 6.3 | 6.0 | 6.2 |
| HOVER (BURL TF-69) | 8.0 | 8.0 | 7.0 | 6.7 | 6.0 | 6.3 | 7.3 | 7.0 | 7.0 | 6.0 | 5.0 | 5.0 | 6.0 | 6.3 | 6.2 |
| NIGHTCRAWLER (IS-TF 285) | 8.0 | 7.0 | 7.0 | 6.3 | 5.0 | 5.7 | 7.0 | 6.7 | 7.0 | 6.7 | 6.0 | 4.3 | 6.0 | 7.0 | 6.2 |
| UNITUS (IS-TF 289) | 8.0 | 6.7 | 7.3 | 6.7 | 5.7 | 5.7 | 7.0 | 7.3 | 6.7 | 6.0 | 5.3 | 4.7 | 6.3 | 7.0 | 6.2 |
| CROSSFIRE 4 (IS-TF 310 SEL) | 8.0 | 7.3 | 7.7 | 6.3 | 5.7 | 5.7 | 7.7 | 7.3 | 6.3 | 7.0 | 5.7 | 4.7 | 6.3 | 6.0 | 6.2 |
| MERIDIAN (PST-5GRB) | 8.0 | 7.7 | 8.0 | 7.0 | 6.0 | 6.3 | 7.7 | 7.7 | 7.3 | 6.0 | 4.3 | 4.0 | 5.3 | 6.0 | 6.2 |
| PST-5MVD | 7.3 | 7.3 | 7.0 | 6.7 | 6.0 | 6.0 | 7.3 | 7.0 | 7.0 | 6.0 | 5.3 | 5.0 | 6.0 | 6.0 | 6.2 |
| OLYMPUS (RAD-TF-88) | 8.0 | 7.3 | 7.3 | 6.0 | 5.3 | 5.3 | 7.0 | 7.0 | 6.3 | 6.0 | 6.0 | 5.0 | 6.7 | 7.0 | 6.2 |
| TEMPTATION (OR-21) | 9.0 | 7.3 | 6.7 | 5.7 | 5.0 | 5.3 | 7.0 | 7.0 | 6.0 | 6.7 | 5.7 | 5.7 | 6.7 | 7.3 | 6.2 |
| THUNDERSTRUCK (TD1) | 8.3 | 6.3 | 7.0 | 6.3 | 5.7 | 5.7 | 7.0 | 6.7 | 5.3 | 7.0 | 6.3 | 5.7 | 6.7 | 6.3 | 6.2 |
| TURFWAY (IS-TF 282 M2) | 8.0 | 7.3 | 7.0 | 6.3 | 5.0 | 5.7 | 7.0 | 6.7 | 7.0 | 6.7 | 6.0 | 5.3 | 6.3 | 6.7 | 6.2 |
| FOXHOUND (IS-TF 284 M2) | 8.3 | 6.3 | 7.0 | 6.0 | 5.0 | 5.3 | 6.7 | 7.3 | 7.3 | 6.3 | 6.3 | 4.7 | 6.0 | 6.0 | 6.1 |
| K12-05 | 8.3 | 6.3 | 7.0 | 6.7 | 5.3 | 5.3 | 7.0 | 7.0 | 6.3 | 5.7 | 5.7 | 4.7 | 6.3 | 7.0 | 6.1 |
| K12-MCD | 8.0 | 7.0 | 7.0 | 5.7 | 5.3 | 5.7 | 6.7 | 6.7 | 6.3 | 6.0 | 5.0 | 5.7 | 6.7 | 7.0 | 6.1 |
| TERRANO | 8.0 | 6.7 | 7.0 | 6.3 | 5.3 | 5.3 | 7.3 | 7.3 | 7.3 | 6.3 | 5.7 | 4.7 | 5.7 | 6.0 | 6.1 |
| ATF 1612 | 7.3 | 7.0 | 7.0 | 6.7 | 5.7 | 5.7 | 7.0 | 7.3 | 6.7 | 6.0 | 4.3 | 4.3 | 6.0 | 6.7 | 6.0 |
| BULLSEYE | 8.0 | 7.7 | 7.0 | 5.7 | 4.7 | 5.0 | 6.3 | 7.3 | 6.7 | 6.0 | 6.0 | 5.3 | 6.3 | 6.3 | 6.0 |
| FIREBIRD 2 | 8.3 | 7.0 | 7.3 | 6.3 | 5.3 | 5.3 | 7.3 | 7.0 | 6.0 | 6.7 | 5.3 | 4.7 | 6.0 | 6.3 | 6.0 |
| FRONTLINE (EXP TF-09) | 8.7 | 7.3 | 7.0 | 6.7 | 5.7 | 6.0 | 7.0 | 7.7 | 5.3 | 5.7 | 5.3 | 4.7 | 6.0 | 6.0 | 6.0 |
| MEMPHIS (GO-DFR) | 8.0 | 6.7 | 7.0 | 6.3 | 5.3 | 5.3 | 7.3 | 7.0 | 6.3 | 6.3 | 5.0 | 5.0 | 6.3 | 6.0 | 6.0 |
| PPG-TF-115 | 8.0 | 6.7 | 7.0 | 5.7 | 4.7 | 5.0 | 6.3 | 6.3 | 6.7 | 5.7 | 6.3 | 5.3 | 6.7 | 7.0 | 6.0 |
| PSG-GSD | 7.7 | 7.7 | 6.3 | 6.0 | 5.3 | 6.3 | 6.3 | 6.7 | 6.7 | 6.3 | 5.7 | 5.0 | 6.0 | 6.0 | 6.0 |
| BAR FA 121089 | 8.0 | 7.0 | 7.0 | 6.0 | 5.0 | 6.0 | 6.3 | 6.7 | 5.7 | 5.7 | 5.7 | 5.7 | 6.3 | 6.3 | 5.9 |
| DYNAMITE LS (PPG-TF-145) | 8.0 | 6.7 | 7.0 | 6.0 | 5.0 | 5.3 | 6.7 | 7.0 | 6.7 | 6.3 | 5.0 | 5.0 | 6.0 | 6.0 | 5.9 |
| FALCON IV | 8.0 | 7.3 | 6.3 | 6.3 | 5.7 | 5.7 | 6.7 | 7.0 | 6.7 | 5.7 | 5.0 | 5.0 | 5.7 | 6.0 | 5.9 |
| FAYETTE (IS-TF 291) | 8.0 | 7.0 | 7.0 | 5.7 | 5.0 | 5.3 | 6.7 | 7.0 | 5.7 | 6.0 | 5.7 | 5.0 | 6.3 | 6.7 | 5.9 |
| PST-5DZP | 8.0 | 7.0 | 7.0 | 6.0 | 5.0 | 5.0 | 6.3 | 6.7 | 6.7 | 6.3 | 5.7 | 4.7 | 6.3 | 6.3 | 5.9 |

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/
2015 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 | |
| RAD-TF-92 | 8.3 | 8.0 | 7.0 | 6.7 | 6.0 | 6.0 | 7.3 | 7.0 | 6.3 | 5.7 | 5.0 | 4.0 | 5.3 | 5.7 | 5.9 |
| SALTILLO (PST-5SALT) | 8.0 | 6.3 | 7.0 | 6.0 | 5.0 | 5.3 | 6.7 | 7.0 | 5.7 | 5.7 | 5.7 | 5.3 | 6.7 | 6.3 | 5.9 |
| SWAGGER (PST-5R05) | 8.0 | 7.3 | 7.0 | 6.3 | 5.0 | 5.7 | 6.3 | 7.3 | 6.7 | 6.0 | 5.3 | 4.7 | 6.0 | 6.0 | 5.9 |
| ANNIHILATOR | 8.3 | 6.7 | 7.0 | 6.3 | 5.3 | 5.3 | 7.0 | 7.3 | 4.3 | 5.7 | 5.0 | 5.0 | 6.0 | 6.3 | 5.8 |
| ARES (PPG-TF-142) | 8.3 | 6.7 | 7.0 | 5.0 | 5.0 | 5.0 | 6.3 | 6.3 | 6.3 | 6.3 | 5.7 | 5.3 | 6.7 | 5.7 | 5.8 |
| BAR FA 121091 | 8.0 | 7.3 | 6.7 | 6.0 | 5.0 | 5.7 | 6.3 | 6.3 | 5.7 | 5.7 | 5.7 | 5.3 | 6.3 | 6.3 | 5.8 |
| RHIZING MOON (IS-TF 305 SEL) | 8.0 | 6.3 | 7.3 | 5.7 | 4.7 | 5.0 | 6.3 | 6.3 | 6.0 | 6.3 | 5.3 | 5.3 | 6.3 | 6.7 | 5.8 |
| IS-TF-287 | 7.7 | 7.7 | 6.7 | 6.3 | 5.3 | 5.7 | 6.7 | 7.0 | 6.7 | 6.0 | 4.3 | 4.3 | 5.7 | 5.7 | 5.8 |
| PSG-TT4 | 7.7 | 6.0 | 7.3 | 6.3 | 5.3 | 5.3 | 7.0 | 7.3 | 6.0 | 5.7 | 4.7 | 4.7 | 5.7 | 6.0 | 5.8 |
| RAD-TF-83 | 8.0 | 7.3 | 7.0 | 6.3 | 5.7 | 5.7 | 6.7 | 6.7 | 6.0 | 6.0 | 5.0 | 4.3 | 5.3 | 5.7 | 5.8 |
| WARHAWK | 8.3 | 7.3 | 7.0 | 6.3 | 5.3 | 5.3 | 7.0 | 7.0 | 6.0 | 5.7 | 5.3 | 4.7 | 5.0 | 5.7 | 5.8 |
| ATF 1736 | 7.7 | 6.7 | 7.0 | 5.7 | 5.0 | 5.3 | 6.3 | 6.7 | 6.3 | 5.3 | 5.3 | 4.3 | 5.7 | 6.3 | 5.7 |
| JS 818 | 8.3 | 6.7 | 7.3 | 5.7 | 4.7 | 4.7 | 6.3 | 7.3 | 6.3 | 5.7 | 4.7 | 5.0 | 6.0 | 6.0 | 5.7 |
| JS 825 | 8.3 | 5.7 | 6.7 | 5.3 | 4.7 | 5.0 | 6.3 | 6.7 | 6.3 | 6.0 | 5.7 | 5.7 | 6.0 | 5.3 | 5.7 |
| PSG-8BP2 | 8.0 | 6.7 | 6.7 | 5.3 | 4.7 | 5.3 | 6.3 | 6.7 | 6.3 | 6.0 | 5.7 | 4.7 | 5.7 | 6.0 | 5.7 |
| 204 RES. BLK4 | 8.0 | 7.7 | 6.7 | 5.3 | 5.0 | 5.0 | 6.0 | 6.7 | 5.0 | 5.7 | 5.7 | 5.0 | 6.0 | 6.0 | 5.6 |
| INSPIRATION (PST-R5NW) | 8.0 | 7.0 | 6.7 | 6.0 | 5.0 | 5.0 | 6.3 | 7.0 | 6.3 | 6.0 | 5.3 | 4.0 | 5.0 | 6.0 | 5.6 |
| IS-TF 272 | 8.0 | 6.7 | 7.3 | 5.3 | 4.3 | 5.0 | 6.3 | 6.7 | 6.3 | 5.3 | 5.7 | 5.0 | 5.7 | 6.0 | 5.6 |
| JS 819 | 8.0 | 6.7 | 6.7 | 6.0 | 4.3 | 4.7 | 6.7 | 7.0 | 5.0 | 5.7 | 5.7 | 4.7 | 5.7 | 6.3 | 5.6 |
| COMP. RES. SST | 8.7 | 7.7 | 7.3 | 5.3 | 5.0 | 5.0 | 6.7 | 6.7 | 5.3 | 5.3 | 5.3 | 4.3 | 5.0 | 6.0 | 5.5 |
| MARAUDER | 8.0 | 7.0 | 7.0 | 6.0 | 5.7 | 5.7 | 6.7 | 7.0 | 5.7 | 5.7 | 4.3 | 4.0 | 5.0 | 5.3 | 5.5 |
| BAR FA 121095 | 8.0 | 6.0 | 6.7 | 5.3 | 4.7 | 4.7 | 6.0 | 6.3 | 5.3 | 5.3 | 4.7 | 4.7 | 6.3 | 6.3 | 5.4 |
| JS 809 | 8.0 | 7.0 | 7.0 | 5.7 | 4.7 | 5.0 | 6.0 | 6.3 | 6.0 | 5.7 | 4.0 | 4.3 | 5.7 | 5.7 | 5.4 |
| BAR FA 120878 | 7.3 | 6.7 | 5.7 | 5.7 | 4.7 | 5.0 | 5.7 | 6.0 | 5.3 | 5.3 | 4.7 | 4.3 | 5.7 | 6.0 | 5.3 |
| K12-13 | 8.0 | 6.3 | 7.0 | 5.0 | 4.7 | 4.7 | 5.7 | 5.7 | 5.7 | 6.0 | 5.0 | 4.0 | 5.3 | 5.3 | 5.2 |
| KY-31 | 4.0 | 7.3 | 5.0 | 3.3 | 3.3 | 3.3 | 4.0 | 4.3 | 4.3 | 4.3 | 4.7 | 4.7 | 5.7 | 5.3 | 4.3 |
| LSD VALUE | 0.5 | 1.4 | 0.7 | 1.3 | 1.2 | 1.2 | 1.2 | 1.5 | 1.9 | 1.6 | 2.0 | 1.9 | 1.7 | 1.6 | 0.8 |
| C.V. (%) | 4.3 | 9.6 | 5.6 | 11.3 | 11.6 | 11.1 | 9.2 | 9.3 | 13.5 | 12.2 | 16.4 | 17.4 | 11.8 | 11.7 | 7.8 |

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

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

TABLE 14. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT RALEIGH, NC 1/
2015 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 WARM TEMP. | PERCENT WINTER DAMAGE |
|------------------------------|-------------------|-------------------|-----------------|----------------------------|----------------------------|--------------------------|-----------------|------------------------------|-----------------------------|
| TECHNIQUE (RZ2) | 8.0 | 7.7 | 9.0 | 96.3 | 99 | 99 | 6.7 | 7.3 | 11.7 |
| F711 | 8.0 | 8.0 | 8.3 | 97.7 | 99 | 99 | 7.0 | 8.0 | 10.0 |
| 4TH MILLENNIUM SRP (U43) | 8.0 | 8.0 | 8.0 | 96.3 | 99 | 99 | 6.7 | 6.0 | 13.3 |
| MET-3 | 8.0 | 8.0 | 8.0 | 97.7 | 99 | 99 | 6.7 | 7.3 | 11.7 |
| TITANIUM 2LS (PPG-TF-152) | 8.0 | 7.7 | 8.7 | 94.7 | 99 | 99 | 6.7 | 7.3 | 16.7 |
| TRAVERSE 2 SRP (W45) | 8.0 | 7.3 | 8.7 | 94.7 | 99 | 99 | 6.7 | 7.7 | 21.7 |
| AMITY (CCR2) | 7.7 | 7.3 | 8.0 | 93.3 | 99 | 99 | 6.0 | 7.7 | 15.0 |
| MET 1 | 7.7 | 7.7 | 8.0 | 91.7 | 99 | 99 | 6.3 | 7.7 | 20.0 |
| RAPTOR III (ZW 44) | 7.7 | 8.0 | 8.3 | 91.7 | 99 | 99 | 6.0 | 7.3 | 25.0 |
| HOT ROD (BURL TF-136) | 7.7 | 7.0 | 8.0 | 94.7 | 99 | 99 | 6.7 | 7.7 | 18.3 |
| PARAMOUNT (PPG-TF-137) | 8.0 | 7.7 | 8.3 | 94.7 | 99 | 99 | 6.3 | 7.0 | 21.7 |
| WICHITA (PPG-TF-151) | 7.7 | 7.7 | 8.0 | 93.0 | 99 | 99 | 6.0 | 6.7 | 21.7 |
| PPG-TF-169 | 7.3 | 7.3 | 8.3 | 97.7 | 99 | 99 | 6.7 | 6.3 | 15.0 |
| PPG-TF-172 | 8.0 | 8.0 | 8.3 | 94.7 | 99 | 99 | 6.7 | 7.3 | 16.7 |
| ROCKWELL (LTP-TWUU) | 7.7 | 7.0 | 8.0 | 96.0 | 99 | 99 | 6.7 | 8.0 | 13.3 |
| CATALYST | 7.7 | 7.0 | 7.7 | 96.3 | 99 | 99 | 6.7 | 7.7 | 13.3 |
| FIRECRACKER SLS (PPG-TF-105) | 8.0 | 7.0 | 8.0 | 91.7 | 99 | 99 | 6.0 | 7.3 | 18.3 |
| GRANDE 3 | 8.0 | 8.0 | 8.0 | 95.0 | 99 | 99 | 6.3 | 7.0 | 21.7 |
| MICHELANGELO (LTP-F5DPDR) | 7.3 | 6.3 | 8.0 | 95.0 | 99 | 99 | 6.7 | 8.0 | 20.0 |
| PPG-TF-135 | 8.0 | 7.7 | 8.0 | 91.7 | 99 | 99 | 6.3 | 6.3 | 21.7 |
| BIZEM | 8.0 | 7.0 | 7.7 | 96.3 | 99 | 99 | 6.3 | 6.3 | 18.3 |
| BLACK TAIL (PPG-TF-150) | 8.0 | 7.0 | 8.0 | 90.0 | 99 | 99 | 6.3 | 6.3 | 16.7 |
| IS-TF 308 SEL | 7.7 | 7.7 | 8.0 | 94.7 | 99 | 99 | 6.3 | 7.3 | 18.3 |
| LEONARDO (LTP-FSD) | 8.0 | 7.0 | 8.0 | 91.7 | 99 | 99 | 6.7 | 8.0 | 20.0 |
| BLOODHOUND (MET 6 SEL) | 7.7 | 7.7 | 8.0 | 94.7 | 99 | 99 | 6.3 | 6.7 | 13.3 |
| ATF 1704 | 7.7 | 7.3 | 8.3 | 96.3 | 99 | 99 | 6.3 | 6.7 | 13.3 |
| AVENGER II (PPG-TF-156) | 8.0 | 7.3 | 7.7 | 94.7 | 99 | 99 | 6.3 | 6.7 | 16.7 |
| GTO (BURL TF-2) | 8.0 | 7.0 | 8.0 | 96.3 | 99 | 99 | 6.7 | 7.0 | 13.3 |
| HOUND08 (IS-TF 307 SEL) | 7.7 | 7.3 | 8.0 | 90.0 | 99 | 99 | 6.3 | 7.0 | 26.7 |
| MAESTRO (T31) | 7.7 | 7.3 | 7.7 | 93.3 | 99 | 99 | 6.0 | 6.0 | 18.3 |
| 'COMMANDER (PPG-TF-170) | 8.0 | 7.7 | 7.7 | 88.3 | 99 | 99 | 6.0 | 7.0 | 28.3 |
| PSG-PO1 | 7.7 | 7.7 | 8.0 | 93.3 | 99 | 99 | 6.3 | 7.0 | 16.7 |
| PST-5EX2 | 7.0 | 7.0 | 8.0 | 94.7 | 99 | 99 | 6.3 | 7.3 | 16.7 |
| AQUADUCT | 7.3 | 7.0 | 8.0 | 93.3 | 99 | 99 | 6.3 | 7.0 | 16.7 |
| DIABLO (IS-TF 330) | 8.0 | 7.3 | 7.3 | 93.3 | 99 | 99 | 6.3 | 5.7 | 20.0 |
| FAITH | 7.7 | 6.3 | 8.0 | 91.7 | 99 | 99 | 6.0 | 6.0 | 21.7 |
| FIREWALL (PSG-WE1) | 8.0 | 7.0 | 8.0 | 94.7 | 99 | 99 | 6.3 | 6.3 | 18.3 |
| HEMI | 8.0 | 7.0 | 8.0 | 90.0 | 99 | 99 | 5.7 | 7.0 | 21.7 |
| IS-TF 276 M2 | 7.7 | 6.7 | 8.0 | 86.7 | 99 | 99 | 6.3 | 6.7 | 25.0 |
| IS-TF 311 | 8.0 | 7.3 | 7.7 | 91.3 | 99 | 99 | 6.3 | 6.3 | 18.3 |
| KINGDOM (DB1) | 8.0 | 8.0 | 7.7 | 88.3 | 99 | 99 | 6.3 | 5.0 | 16.7 |
| REBOUNDER (PICK-W43) | 7.7 | 7.3 | 7.7 | 94.7 | 99 | 99 | 6.0 | 7.3 | 21.7 |
| PST-5BPO | 7.3 | 7.7 | 8.0 | 91.7 | 99 | 99 | 6.0 | 7.3 | 25.0 |
| REGENERATE | 8.0 | 7.0 | 8.0 | 93.0 | 99 | 99 | 6.7 | 6.7 | 13.3 |
| RHAMBLER 2 SRP (LSD) | 8.0 | 6.7 | 7.7 | 91.7 | 99 | 99 | 6.3 | 6.7 | 28.3 |

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/
2015 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 WARM TEMP. | PERCENT WINTER DAMAGE |
|-----------------------------|-------------------|-------------------|-----------------|----------------------------|----------------------------|--------------------------|-----------------|------------------------------|-----------------------------|
| ROWDY (SRX-TPC) | 8.0 | 7.3 | 8.0 | 91.7 | 99.0 | 99.0 | 6.3 | 6.3 | 20.0 |
| SCREAMER LS (PPG-TF-148) | 8.0 | 7.0 | 8.0 | 93.0 | 99.0 | 99.0 | 6.3 | 6.3 | 20.0 |
| B23 | 7.3 | 7.3 | 7.7 | 90.0 | 99.0 | 99.0 | 6.0 | 7.0 | 26.7 |
| JS 916 | 7.7 | 7.3 | 8.0 | 90.0 | 99.0 | 99.0 | 6.3 | 5.3 | 21.7 |
| RAD-TF-89 | 7.3 | 6.3 | 7.7 | 91.7 | 99.0 | 99.0 | 6.7 | 5.3 | 21.7 |
| REFLECTION (U45) | 8.0 | 7.3 | 8.0 | 91.7 | 99.0 | 99.0 | 5.7 | 6.7 | 20.0 |
| THOR (PPG-TF-157) | 7.3 | 6.7 | 7.7 | 91.7 | 99.0 | 99.0 | 6.0 | 7.3 | 23.3 |
| W41 | 8.0 | 7.3 | 7.7 | 88.3 | 99.0 | 99.0 | 5.7 | 7.3 | 23.3 |
| XTENDER (PPG-TF-139) | 7.7 | 7.0 | 8.0 | 90.0 | 99.0 | 99.0 | 5.3 | 7.0 | 21.7 |
| ATF 1754 | 7.7 | 6.3 | 7.0 | 93.3 | 99.0 | 99.0 | 6.3 | 6.0 | 18.3 |
| FALCON V | 7.7 | 7.0 | 7.7 | 90.0 | 99.0 | 99.0 | 6.3 | 6.3 | 16.7 |
| IS-TF 269 SEL | 8.0 | 6.7 | 8.0 | 90.0 | 97.7 | 99.0 | 6.0 | 7.0 | 23.3 |
| PPG-TF-138 | 8.0 | 7.3 | 7.7 | 88.3 | 99.0 | 99.0 | 5.7 | 6.0 | 25.0 |
| PST-5BRK | 7.3 | 7.0 | 8.0 | 90.0 | 99.0 | 99.0 | 6.0 | 7.7 | 25.0 |
| RAIN DANCE (PST-5SDT) | 7.0 | 6.7 | 8.0 | 93.3 | 99.0 | 99.0 | 6.0 | 6.3 | 20.0 |
| TEMPLE (DZ1) | 8.3 | 6.7 | 7.0 | 90.0 | 99.0 | 99.0 | 6.0 | 7.0 | 21.7 |
| CAESAR (TY 10) | 7.7 | 6.7 | 7.3 | 91.7 | 99.0 | 99.0 | 6.0 | 6.7 | 21.7 |
| EMBRACE (PST-5EV2) | 7.7 | 7.7 | 8.0 | 93.0 | 99.0 | 99.0 | 6.0 | 5.7 | 26.7 |
| FESNOVA | 7.0 | 6.3 | 7.7 | 89.7 | 99.0 | 99.0 | 6.7 | 6.3 | 20.0 |
| HOVER (BURL TF-69) | 7.7 | 5.7 | 7.7 | 90.0 | 99.0 | 99.0 | 6.0 | 6.0 | 26.7 |
| NIGHTCRAWLER (IS-TF 285) | 7.0 | 6.3 | 7.0 | 86.7 | 99.0 | 99.0 | 5.3 | 6.0 | 28.3 |
| UNITUS (IS-TF 289) | 7.7 | 6.3 | 7.3 | 88.3 | 99.0 | 99.0 | 6.0 | 5.7 | 28.3 |
| CROSSFIRE 4 (IS-TF 310 SEL) | 8.0 | 6.7 | 7.7 | 91.7 | 99.0 | 99.0 | 5.7 | 5.3 | 23.3 |
| MERIDIAN (PST-5GRB) | 8.3 | 6.0 | 7.0 | 93.0 | 96.0 | 99.0 | 6.3 | 4.3 | 21.7 |
| PST-5MVD | 7.3 | 6.3 | 7.7 | 91.7 | 99.0 | 99.0 | 6.0 | 5.7 | 20.0 |
| OLYMPUS (RAD-TF-88) | 8.0 | 7.0 | 7.3 | 88.3 | 99.0 | 99.0 | 5.0 | 5.0 | 36.7 |
| TEMPTATION (OR-21) | 7.7 | 6.7 | 7.3 | 86.7 | 98.3 | 98.3 | 6.3 | 6.3 | 26.7 |
| THUNDERSTRUCK (TD1) | 8.0 | 7.3 | 8.0 | 88.3 | 99.0 | 99.0 | 6.3 | 6.3 | 16.7 |
| TURFWAY (IS-TF 282 M2) | 8.0 | 6.7 | 7.0 | 90.0 | 98.3 | 99.0 | 5.7 | 6.7 | 26.7 |
| FOXHOUND (IS-TF 284 M2) | 7.7 | 7.0 | 8.0 | 85.0 | 99.0 | 99.0 | 5.3 | 5.7 | 35.0 |
| K12-05 | 8.0 | 6.3 | 7.7 | 90.0 | 98.3 | 99.0 | 6.3 | 6.0 | 28.3 |
| K12-MCD | 7.0 | 7.3 | 8.0 | 88.3 | 99.0 | 99.0 | 5.7 | 7.0 | 26.7 |
| TERRANO | 7.3 | 7.0 | 7.3 | 88.3 | 99.0 | 99.0 | 5.7 | 6.0 | 25.0 |
| ATF 1612 | 7.3 | 6.7 | 7.7 | 91.3 | 99.0 | 99.0 | 6.3 | 5.7 | 20.0 |
| BULLSEYE | 6.7 | 7.0 | 7.3 | 86.7 | 99.0 | 99.0 | 5.7 | 5.3 | 23.3 |
| FIREBIRD 2 | 8.0 | 7.3 | 7.7 | 90.0 | 99.0 | 99.0 | 6.3 | 6.0 | 21.7 |
| FRONTLINE (EXP TF-09) | 7.0 | 6.7 | 7.3 | 90.0 | 97.0 | 99.0 | 6.3 | 5.0 | 16.7 |
| MEMPHIS (GO-DFR) | 8.0 | 6.7 | 7.7 | 86.7 | 99.0 | 99.0 | 5.7 | 5.7 | 26.7 |
| PPG-TF-115 | 7.3 | 6.0 | 7.7 | 83.3 | 96.0 | 99.0 | 5.3 | 6.3 | 31.7 |
| PSG-GSD | 7.3 | 7.0 | 7.7 | 91.7 | 99.0 | 99.0 | 5.7 | 7.3 | 26.7 |
| BAR FA 121089 | 7.3 | 6.7 | 7.7 | 88.3 | 99.0 | 99.0 | 5.7 | 6.3 | 26.7 |
| DYNAMITE LS (PPG-TF-145) | 7.7 | 7.0 | 7.7 | 83.3 | 99.0 | 99.0 | 5.7 | 6.3 | 23.3 |
| FALCON IV | 6.7 | 6.0 | 7.7 | 91.7 | 99.0 | 99.0 | 6.3 | 7.3 | 16.7 |
| FAYETTE (IS-TF 291) | 7.7 | 6.7 | 7.7 | 88.3 | 97.7 | 99.0 | 6.0 | 6.0 | 21.7 |
| PST-5DZP | 7.7 | 7.0 | 7.3 | 85.0 | 99.0 | 99.0 | 5.3 | 5.7 | 30.0 |

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/
2015 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 WARM TEMP. | PERCENT WINTER DAMAGE |
|------------------------------|-------------------|-------------------|-----------------|----------------------------|----------------------------|--------------------------|-----------------|------------------------------|-----------------------------|
| RAD-TF-92 | 7.7 | 6.7 | 7.0 | 90.0 | 99.0 | 99.0 | 6.0 | 6.0 | 25.0 |
| SALTILLO (PST-5SALT) | 7.3 | 7.0 | 8.0 | 86.7 | 99.0 | 99.0 | 6.0 | 5.3 | 21.7 |
| SWAGGER (PST-5R05) | 7.3 | 6.3 | 8.0 | 90.0 | 99.0 | 99.0 | 5.7 | 6.3 | 26.7 |
| ANNIHILATOR | 7.3 | 6.7 | 7.0 | 85.0 | 99.0 | 99.0 | 6.0 | 5.3 | 26.7 |
| ARES (PPG-TF-142) | 7.0 | 6.3 | 7.0 | 85.0 | 99.0 | 99.0 | 5.0 | 5.3 | 31.7 |
| BAR FA 121091 | 6.7 | 6.7 | 7.7 | 88.3 | 99.0 | 99.0 | 6.0 | 6.0 | 25.0 |
| RHIZING MOON (IS-TF 305 SEL) | 7.3 | 7.0 | 7.7 | 85.0 | 98.3 | 99.0 | 5.7 | 5.7 | 30.0 |
| IS-TF-287 | 8.0 | 6.7 | 7.3 | 93.3 | 99.0 | 99.0 | 5.7 | 6.3 | 28.3 |
| PSG-TT4 | 7.7 | 6.7 | 7.3 | 86.7 | 96.0 | 99.0 | 6.0 | 5.7 | 23.3 |
| RAD-TF-83 | 7.7 | 6.0 | 7.3 | 86.7 | 99.0 | 99.0 | 6.0 | 6.3 | 23.3 |
| WARHAWK | 7.3 | 6.3 | 7.0 | 86.7 | 99.0 | 99.0 | 6.0 | 5.7 | 23.3 |
| ATF 1736 | 7.0 | 6.3 | 7.0 | 88.3 | 99.0 | 99.0 | 5.7 | 5.0 | 25.0 |
| JS 818 | 7.7 | 6.3 | 7.7 | 83.3 | 99.0 | 99.0 | 5.7 | 4.7 | 35.0 |
| JS 825 | 7.0 | 7.0 | 6.7 | 83.3 | 99.0 | 99.0 | 5.7 | 6.3 | 31.7 |
| PSG-8BP2 | 7.0 | 7.0 | 7.7 | 85.0 | 99.0 | 99.0 | 5.3 | 6.3 | 31.7 |
| 204 RES. BLK4 | 7.7 | 6.7 | 7.3 | 83.3 | 99.0 | 99.0 | 6.3 | 5.7 | 15.0 |
| INSPIRATION (PST-R5NW) | 6.7 | 6.7 | 7.0 | 88.3 | 99.0 | 99.0 | 5.7 | 4.3 | 30.0 |
| IS-TF 272 | 7.7 | 5.7 | 7.0 | 83.3 | 96.0 | 99.0 | 6.0 | 5.3 | 33.3 |
| JS 819 | 7.3 | 6.7 | 7.3 | 83.3 | 99.0 | 99.0 | 5.7 | 5.3 | 31.7 |
| COMP. RES. SST | 8.0 | 6.7 | 7.0 | 85.0 | 99.0 | 99.0 | 6.7 | 5.7 | 18.3 |
| MARAUDER | 7.3 | 6.3 | 7.0 | 85.0 | 99.0 | 99.0 | 6.3 | 5.3 | 25.0 |
| BAR FA 121095 | 7.7 | 6.3 | 7.7 | 78.3 | 99.0 | 99.0 | 5.7 | 5.7 | 36.7 |
| JS 809 | 7.7 | 7.0 | 7.7 | 83.3 | 99.0 | 99.0 | 6.0 | 4.3 | 31.7 |
| BAR FA 120878 | 5.0 | 5.7 | 6.3 | 86.7 | 99.0 | 99.0 | 5.7 | 5.7 | 16.7 |
| K12-13 | 7.7 | 6.3 | 7.3 | 78.3 | 99.0 | 99.0 | 5.3 | 6.0 | 40.0 |
| KY-31 | 5.0 | 5.3 | 6.7 | 83.3 | 99.0 | 99.0 | 3.0 | 7.3 | 25.0 |
| LSD VALUE | 0.9 | 1.9 | 0.9 | 8.3 | 4.6 | 0.5 | 1.3 | 2.7 | 17.5 |
| C.V. (%) | 6.7 | 11.2 | 6.1 | 5.0 | 1.1 | 0.1 | 10.5 | 18.1 | 34.9 |

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 15.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT MEAD, NE 1/
2015 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF TEXTURE | FALL COLOR | QUALITY RATINGS | | | | | | | MEAN |
|------------------------------|------------------|-------------------|-----------------|---------------|-----------------|-----|-----|-----|-----|-----|-----|------|
| | | | | NOVEMBER | APR | MAY | JUN | JUL | AUG | SEP | OCT | |
| AVENGER II (PPG-TF-156) | 5.7 | 4.3 | 5.0 | 6.0 | 4.0 | 5.7 | 6.0 | 6.3 | 6.7 | 7.0 | 6.7 | 6.0 |
| HOVER (BURL TF-69) | 6.0 | 4.7 | 5.0 | 6.0 | 4.7 | 5.7 | 6.0 | 6.7 | 6.0 | 6.7 | 6.0 | 6.0 |
| IS-TF 308 SEL | 5.7 | 4.7 | 5.0 | 6.0 | 4.7 | 5.7 | 6.0 | 6.0 | 5.7 | 7.0 | 6.0 | 5.9 |
| REGENERATE | 6.0 | 4.3 | 5.0 | 6.3 | 4.3 | 5.3 | 6.0 | 6.3 | 6.0 | 6.3 | 6.7 | 5.9 |
| TEMPLE (DZ1) | 6.0 | 4.3 | 5.7 | 5.7 | 4.3 | 5.0 | 6.3 | 6.3 | 6.0 | 6.7 | 6.3 | 5.9 |
| TRAVERSE 2 SRP (W45) | 6.0 | 4.3 | 5.0 | 6.0 | 4.0 | 5.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.7 | 5.9 |
| B23 | 6.0 | 5.0 | 5.0 | 6.0 | 4.3 | 5.7 | 6.0 | 6.0 | 5.7 | 6.7 | 6.0 | 5.8 |
| AMITY (CCR2) | 6.0 | 4.7 | 5.0 | 6.0 | 4.0 | 5.0 | 6.3 | 6.0 | 6.3 | 6.3 | 6.3 | 5.8 |
| FALCON V | 5.7 | 4.3 | 5.0 | 6.0 | 4.0 | 5.3 | 6.0 | 6.3 | 6.3 | 6.0 | 6.3 | 5.8 |
| FIREWALL (PSG-WE1) | 5.7 | 4.0 | 5.0 | 6.3 | 4.0 | 5.3 | 5.7 | 6.3 | 6.0 | 7.0 | 6.3 | 5.8 |
| RHIZING MOON (IS-TF 305 SEL) | 6.0 | 3.7 | 5.3 | 5.7 | 3.7 | 5.7 | 6.0 | 6.3 | 6.0 | 6.7 | 6.3 | 5.8 |
| BLOODHOUND (MET 6 SEL) | 5.3 | 5.0 | 5.3 | 6.7 | 4.3 | 5.3 | 5.7 | 6.0 | 6.3 | 6.7 | 6.3 | 5.8 |
| 'COMMANDER (PPG-TF-170) | 6.0 | 4.7 | 5.3 | 6.3 | 4.7 | 5.3 | 5.7 | 6.0 | 6.7 | 6.3 | 6.0 | 5.8 |
| PSG-P01 | 5.7 | 4.7 | 5.0 | 6.3 | 4.0 | 5.3 | 6.0 | 6.0 | 6.7 | 6.7 | 6.0 | 5.8 |
| RAD-TF-92 | 6.0 | 4.3 | 5.0 | 7.0 | 4.0 | 5.3 | 6.0 | 6.0 | 6.0 | 7.0 | 6.0 | 5.8 |
| RAPTOR III (ZW 44) | 5.7 | 4.3 | 5.0 | 6.3 | 4.0 | 5.7 | 6.0 | 5.7 | 6.0 | 6.7 | 6.3 | 5.8 |
| 4TH MILLENNIUM SRP (U43) | 5.7 | 4.7 | 5.0 | 6.3 | 4.0 | 5.0 | 5.7 | 6.3 | 6.7 | 5.7 | 6.3 | 5.7 |
| BIZEM | 5.7 | 4.3 | 5.3 | 5.7 | 4.0 | 5.0 | 6.0 | 5.7 | 6.0 | 7.0 | 6.0 | 5.7 |
| BLACK TAIL (PPG-TF-150) | 5.7 | 4.7 | 5.3 | 6.0 | 4.7 | 5.0 | 5.7 | 5.7 | 6.0 | 6.0 | 6.7 | 5.7 |
| FAITH | 5.3 | 4.7 | 5.0 | 6.3 | 4.3 | 5.7 | 6.0 | 5.3 | 5.7 | 6.7 | 6.0 | 5.7 |
| MAESTRO (T31) | 6.0 | 4.7 | 5.7 | 6.0 | 4.7 | 5.0 | 5.7 | 5.7 | 6.0 | 6.7 | 6.3 | 5.7 |
| MET 1 | 5.7 | 4.3 | 5.3 | 6.0 | 4.7 | 5.0 | 6.0 | 5.7 | 6.0 | 7.0 | 5.7 | 5.7 |
| MET-3 | 6.0 | 4.7 | 5.0 | 6.0 | 4.3 | 5.0 | 5.7 | 6.0 | 6.0 | 6.7 | 6.0 | 5.7 |
| REBOUNDER (PICK-W43) | 6.0 | 4.7 | 5.3 | 6.3 | 4.7 | 5.0 | 5.7 | 6.0 | 6.0 | 6.3 | 6.3 | 5.7 |
| PPG-TF-172 | 5.3 | 4.3 | 5.0 | 6.3 | 4.0 | 5.3 | 6.3 | 6.3 | 5.7 | 6.3 | 6.0 | 5.7 |
| REFLECTION (U45) | 6.0 | 4.7 | 5.3 | 5.7 | 4.3 | 5.3 | 5.7 | 6.0 | 6.0 | 6.7 | 6.0 | 5.7 |
| ROCKWELL (LTP-TWJU) | 6.0 | 4.3 | 5.0 | 6.0 | 4.3 | 5.3 | 5.7 | 6.3 | 6.0 | 6.3 | 6.0 | 5.7 |
| TECHNIQUE (RZ2) | 6.0 | 4.0 | 5.0 | 6.0 | 3.7 | 5.0 | 5.7 | 6.3 | 6.3 | 6.7 | 6.3 | 5.7 |
| ATF 1754 | 5.3 | 4.7 | 5.0 | 5.7 | 4.7 | 5.0 | 5.7 | 6.0 | 5.0 | 6.7 | 6.0 | 5.6 |
| CATALYST | 6.0 | 4.3 | 5.0 | 5.7 | 4.0 | 5.0 | 5.7 | 6.0 | 6.0 | 6.7 | 6.0 | 5.6 |
| DIABLO (IS-TF 330) | 6.0 | 4.3 | 5.0 | 6.0 | 4.0 | 5.3 | 5.7 | 5.7 | 5.7 | 6.7 | 6.0 | 5.6 |
| FAYETTE (IS-TF 291) | 6.0 | 4.0 | 5.3 | 6.0 | 4.3 | 5.0 | 6.0 | 5.7 | 6.0 | 6.3 | 5.7 | 5.6 |
| FOXHOUND (IS-TF 284 M2) | 6.0 | 4.0 | 5.0 | 5.7 | 3.7 | 5.3 | 5.7 | 6.0 | 5.7 | 6.7 | 6.0 | 5.6 |
| GTO (BURL TF-2) | 5.7 | 4.3 | 5.3 | 6.3 | 4.0 | 5.0 | 5.3 | 5.7 | 5.7 | 6.7 | 6.7 | 5.6 |
| HEMI | 6.0 | 4.3 | 5.0 | 6.3 | 4.0 | 5.3 | 5.7 | 6.0 | 6.0 | 5.7 | 6.3 | 5.6 |
| HOT ROD (BURL TF-136) | 5.7 | 4.3 | 5.3 | 6.3 | 4.0 | 5.0 | 6.0 | 6.0 | 6.0 | 6.3 | 6.0 | 5.6 |
| JS 916 | 6.0 | 4.0 | 5.3 | 6.0 | 4.0 | 5.3 | 5.3 | 6.0 | 6.0 | 6.3 | 6.0 | 5.6 |
| PARAMOUNT (PPG-TF-137) | 6.0 | 4.0 | 5.0 | 6.3 | 4.0 | 5.0 | 5.7 | 6.3 | 6.0 | 6.0 | 6.3 | 5.6 |
| PPG-TF-138 | 6.0 | 4.3 | 5.0 | 5.7 | 4.7 | 5.0 | 5.7 | 6.0 | 5.3 | 6.3 | 6.0 | 5.6 |
| W41 | 5.7 | 4.3 | 5.0 | 6.0 | 4.3 | 5.3 | 5.7 | 6.0 | 5.0 | 6.7 | 6.0 | 5.6 |
| XTENDER (PPG-TF-139) | 5.7 | 4.7 | 5.0 | 5.3 | 4.3 | 5.7 | 6.0 | 6.0 | 5.3 | 5.7 | 6.0 | 5.6 |
| BULLSEYE | 5.7 | 4.7 | 5.3 | 6.3 | 4.0 | 5.0 | 5.3 | 6.0 | 5.7 | 6.0 | 6.3 | 5.5 |
| FIRECRACKER SLS (PPG-TF-105) | 6.0 | 4.7 | 5.7 | 6.0 | 4.0 | 5.3 | 6.0 | 5.3 | 5.7 | 6.3 | 6.0 | 5.5 |
| GRANDE 3 | 5.3 | 4.7 | 5.3 | 6.3 | 3.7 | 4.7 | 5.7 | 6.3 | 6.0 | 6.3 | 6.0 | 5.5 |
| IS-TF 269 SEL | 6.0 | 5.0 | 5.0 | 6.7 | 4.7 | 5.0 | 5.7 | 5.7 | 5.3 | 6.3 | 6.0 | 5.5 |

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/
2015 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 | |
| CROSSFIRE 4 (IS-TF 310 SEL) | 5.7 | 5.0 | 5.7 | 6.3 | 4.3 | 5.0 | 6.0 | 5.7 | 5.7 | 6.3 | 5.7 | 5.5 |
| MICHELANGELO (LTP-F5DPDR) | 5.7 | 4.0 | 5.0 | 6.0 | 4.0 | 5.0 | 5.0 | 6.7 | 5.7 | 6.3 | 6.0 | 5.5 |
| PPG-TF-135 | 5.7 | 4.7 | 5.0 | 6.3 | 4.0 | 5.0 | 5.7 | 5.3 | 5.7 | 6.7 | 6.3 | 5.5 |
| PPG-TF-169 | 5.7 | 4.0 | 5.3 | 6.3 | 3.7 | 5.0 | 5.7 | 5.7 | 6.0 | 6.3 | 6.0 | 5.5 |
| RHAMBLER 2 SRP (LSD) | 5.0 | 4.3 | 5.0 | 6.0 | 4.0 | 5.0 | 6.0 | 5.3 | 5.3 | 6.7 | 6.0 | 5.5 |
| ROWDY (SRX-TPC) | 6.0 | 3.7 | 5.3 | 6.0 | 3.7 | 5.0 | 5.3 | 6.0 | 6.0 | 6.3 | 6.0 | 5.5 |
| SCREAMER LS (PPG-TF-148) | 5.3 | 4.3 | 5.0 | 6.0 | 4.0 | 5.3 | 5.7 | 6.0 | 5.3 | 6.3 | 6.0 | 5.5 |
| TEMPTATION (OR-21) | 6.0 | 4.0 | 5.7 | 5.7 | 4.0 | 5.3 | 5.3 | 5.7 | 5.7 | 6.3 | 6.0 | 5.5 |
| THOR (PPG-TF-157) | 6.0 | 4.3 | 5.3 | 6.3 | 3.7 | 5.3 | 5.7 | 5.7 | 5.7 | 6.7 | 6.0 | 5.5 |
| TITANIUM 2LS (PPG-TF-152) | 6.0 | 4.0 | 5.0 | 6.3 | 4.0 | 5.3 | 5.7 | 6.0 | 5.3 | 6.3 | 6.0 | 5.5 |
| ATF 1612 | 6.0 | 4.3 | 5.3 | 5.7 | 4.0 | 5.0 | 5.3 | 5.3 | 5.7 | 6.3 | 6.0 | 5.4 |
| ATF 1704 | 5.3 | 4.0 | 5.3 | 6.3 | 4.0 | 4.7 | 5.7 | 6.0 | 5.3 | 6.0 | 6.0 | 5.4 |
| FIREBIRD 2 | 5.7 | 4.3 | 5.0 | 5.7 | 3.7 | 5.0 | 5.7 | 5.7 | 6.0 | 5.7 | 6.0 | 5.4 |
| IS-TF 311 | 6.0 | 4.3 | 5.0 | 6.0 | 4.0 | 4.7 | 5.0 | 5.7 | 5.3 | 7.0 | 6.0 | 5.4 |
| KINGDOM (DB1) | 6.0 | 4.0 | 5.0 | 5.7 | 4.0 | 5.0 | 5.3 | 5.0 | 5.7 | 6.3 | 6.3 | 5.4 |
| PPG-TF-115 | 5.7 | 4.0 | 6.0 | 6.0 | 4.0 | 5.0 | 5.7 | 6.0 | 5.7 | 6.0 | 5.7 | 5.4 |
| PST-5EX2 | 5.3 | 4.7 | 5.3 | 6.0 | 4.3 | 4.0 | 5.7 | 5.7 | 5.7 | 6.3 | 6.0 | 5.4 |
| OLYMPUS (RAD-TF-88) | 6.0 | 3.7 | 5.0 | 6.0 | 3.7 | 5.0 | 6.0 | 5.7 | 5.3 | 6.3 | 6.0 | 5.4 |
| RAD-TF-89 | 6.0 | 4.3 | 5.0 | 6.3 | 3.3 | 4.7 | 5.7 | 6.0 | 6.0 | 6.3 | 6.0 | 5.4 |
| THUNDERSTRUCK (TD1) | 5.7 | 4.0 | 5.3 | 6.3 | 3.7 | 5.3 | 5.7 | 5.3 | 5.0 | 6.7 | 6.0 | 5.4 |
| ARES (PPG-TF-142) | 6.0 | 4.3 | 5.0 | 5.7 | 4.3 | 5.0 | 5.7 | 5.0 | 5.7 | 5.7 | 6.0 | 5.3 |
| EMBRACE (PST-5EV2) | 5.3 | 4.0 | 6.0 | 6.0 | 4.0 | 4.7 | 5.3 | 6.0 | 5.3 | 6.3 | 5.7 | 5.3 |
| F711 | 5.7 | 4.0 | 5.7 | 5.0 | 4.0 | 4.7 | 5.7 | 5.3 | 5.7 | 6.0 | 6.0 | 5.3 |
| IS-TF 272 | 6.0 | 4.0 | 5.0 | 5.7 | 4.0 | 5.3 | 5.7 | 5.0 | 4.7 | 6.3 | 6.0 | 5.3 |
| NIGHTCRAWLER (IS-TF 285) | 6.0 | 4.0 | 5.3 | 6.0 | 4.0 | 4.7 | 5.7 | 5.7 | 5.3 | 6.0 | 6.0 | 5.3 |
| HOUNDG8 (IS-TF 307 SEL) | 6.0 | 4.7 | 5.3 | 6.0 | 4.3 | 4.7 | 5.0 | 5.0 | 5.7 | 6.3 | 6.0 | 5.3 |
| IS-TF-287 | 5.7 | 4.3 | 5.0 | 6.0 | 4.0 | 5.3 | 5.7 | 6.0 | 4.7 | 6.0 | 5.7 | 5.3 |
| JS 809 | 6.0 | 4.3 | 5.0 | 5.3 | 4.3 | 5.3 | 5.3 | 5.7 | 5.0 | 5.7 | 6.0 | 5.3 |
| K12-05 | 6.0 | 3.7 | 5.0 | 6.0 | 3.7 | 5.0 | 5.7 | 5.7 | 5.3 | 6.3 | 6.3 | 5.3 |
| LEONARDO (LTP-FSD) | 5.7 | 4.0 | 5.7 | 6.0 | 4.0 | 4.7 | 5.7 | 5.3 | 5.7 | 5.7 | 6.0 | 5.3 |
| MERIDIAN (PST-5GRB) | 5.7 | 3.7 | 5.0 | 6.3 | 3.3 | 4.7 | 6.0 | 5.3 | 5.0 | 6.3 | 6.3 | 5.3 |
| WICHITA (PPG-TF-151) | 6.0 | 4.3 | 5.0 | 6.0 | 3.7 | 5.0 | 5.3 | 5.3 | 5.3 | 6.0 | 6.3 | 5.3 |
| PST-5BPO | 5.3 | 4.3 | 6.0 | 6.0 | 4.0 | 5.0 | 5.3 | 5.3 | 5.3 | 6.0 | 6.0 | 5.3 |
| PST-5BRK | 6.0 | 4.3 | 5.7 | 6.3 | 3.7 | 5.0 | 5.3 | 5.7 | 5.3 | 6.3 | 6.0 | 5.3 |
| PST-5MVD | 6.0 | 4.0 | 5.7 | 6.3 | 4.0 | 4.7 | 6.0 | 5.7 | 5.3 | 6.0 | 5.7 | 5.3 |
| RAD-TF-83 | 6.0 | 4.0 | 5.0 | 6.0 | 4.0 | 5.0 | 6.0 | 5.7 | 4.7 | 6.0 | 6.0 | 5.3 |
| ATF 1736 | 5.7 | 4.0 | 5.3 | 6.0 | 3.7 | 4.7 | 5.3 | 5.3 | 5.3 | 6.7 | 5.7 | 5.2 |
| BAR FA 121095 | 5.7 | 4.0 | 5.3 | 5.3 | 3.7 | 5.0 | 6.0 | 5.3 | 5.0 | 5.7 | 6.0 | 5.2 |
| CAESAR (TY 10) | 6.0 | 4.3 | 5.7 | 5.7 | 4.0 | 4.7 | 5.7 | 5.3 | 5.0 | 5.7 | 6.0 | 5.2 |
| DYNAMITE LS (PPG-TF-145) | 6.0 | 4.7 | 5.3 | 5.0 | 4.0 | 5.0 | 5.3 | 5.7 | 5.0 | 5.3 | 6.0 | 5.2 |
| FALCON IV | 5.7 | 4.3 | 6.0 | 5.7 | 4.0 | 4.7 | 5.7 | 5.3 | 5.3 | 5.7 | 5.7 | 5.2 |
| FESNOVA | 6.0 | 4.0 | 5.3 | 5.7 | 3.3 | 5.0 | 5.3 | 6.0 | 5.3 | 5.7 | 6.0 | 5.2 |
| INSPIRATION (PST-R5NW) | 5.7 | 4.3 | 5.7 | 6.0 | 4.0 | 5.0 | 5.3 | 5.7 | 5.0 | 6.0 | 5.7 | 5.2 |
| IS-TF 276 M2 | 6.0 | 4.3 | 5.3 | 5.7 | 4.0 | 5.0 | 5.7 | 5.3 | 5.3 | 5.3 | 5.7 | 5.2 |
| UNITUS (IS-TF 289) | 6.0 | 4.3 | 5.3 | 6.0 | 4.0 | 5.3 | 5.3 | 5.0 | 5.0 | 6.3 | 5.7 | 5.2 |

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/
2015 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 | |
| JS 818 | 6.0 | 4.0 | 5.3 | 5.3 | 3.7 | 5.0 | 6.0 | 5.3 | 4.7 | 6.0 | 5.7 | 5.2 |
| K12-MCD | 5.7 | 4.0 | 5.7 | 6.0 | 4.0 | 4.7 | 5.3 | 5.3 | 5.0 | 6.0 | 6.3 | 5.2 |
| PSG-GSD | 5.3 | 4.3 | 6.0 | 6.0 | 4.0 | 4.7 | 5.0 | 5.7 | 5.3 | 5.7 | 6.3 | 5.2 |
| PST-5DZP | 6.0 | 4.0 | 5.0 | 6.0 | 3.7 | 5.0 | 5.0 | 5.7 | 4.7 | 6.7 | 5.7 | 5.2 |
| SALTILLO (PST-5SALT) | 6.0 | 4.0 | 5.7 | 5.7 | 4.0 | 4.3 | 5.0 | 5.3 | 5.3 | 6.3 | 6.0 | 5.2 |
| SWAGGER (PST-5R05) | 5.3 | 4.0 | 5.3 | 6.0 | 3.7 | 4.3 | 5.3 | 5.7 | 5.3 | 6.0 | 6.0 | 5.2 |
| TURFWAY (IS-TF 282 M2) | 6.0 | 4.3 | 5.0 | 5.7 | 4.0 | 4.7 | 5.7 | 5.7 | 5.0 | 6.0 | 5.7 | 5.2 |
| 204 RES. BLK4 | 5.3 | 4.0 | 4.3 | 5.0 | 3.7 | 5.0 | 5.7 | 5.3 | 5.0 | 5.0 | 6.0 | 5.1 |
| BAR FA 121091 | 6.0 | 4.7 | 6.0 | 4.7 | 4.3 | 4.7 | 5.0 | 5.3 | 4.7 | 5.7 | 6.0 | 5.1 |
| FRONTLINE (EXP TF-09) | 5.7 | 3.7 | 5.3 | 5.7 | 4.3 | 4.7 | 5.3 | 5.3 | 4.7 | 5.7 | 5.7 | 5.1 |
| MEMPHIS (GO-DFR) | 5.7 | 3.7 | 5.7 | 5.3 | 3.7 | 5.0 | 5.3 | 5.3 | 5.0 | 5.7 | 5.7 | 5.1 |
| JS 819 | 5.7 | 4.0 | 5.3 | 5.3 | 4.0 | 4.7 | 5.3 | 5.0 | 5.0 | 5.7 | 6.0 | 5.1 |
| PSG-8BP2 | 6.0 | 4.0 | 6.0 | 5.3 | 3.7 | 5.0 | 5.3 | 5.0 | 5.0 | 5.7 | 6.0 | 5.1 |
| PSG-TT4 | 6.0 | 4.3 | 6.0 | 6.0 | 4.0 | 4.7 | 5.0 | 5.3 | 4.7 | 5.7 | 6.3 | 5.1 |
| WARHAWK | 5.0 | 4.0 | 5.3 | 5.3 | 4.0 | 4.7 | 5.7 | 5.0 | 4.7 | 5.7 | 6.0 | 5.1 |
| AQUADUCT | 5.0 | 4.0 | 5.7 | 5.7 | 4.0 | 4.7 | 5.7 | 5.0 | 4.0 | 5.7 | 6.0 | 5.0 |
| BAR FA 121089 | 6.0 | 4.3 | 5.7 | 6.0 | 4.3 | 4.7 | 5.0 | 5.0 | 4.7 | 6.0 | 5.7 | 5.0 |
| COMP. RES. SST | 5.7 | 3.7 | 5.0 | 5.0 | 4.0 | 4.3 | 5.3 | 5.0 | 4.3 | 5.7 | 6.0 | 5.0 |
| JS 825 | 6.0 | 4.0 | 6.0 | 5.3 | 4.0 | 4.7 | 5.3 | 5.3 | 4.7 | 5.7 | 5.3 | 5.0 |
| MARAUDER | 5.3 | 4.0 | 5.3 | 5.0 | 3.7 | 4.7 | 5.3 | 5.0 | 4.7 | 5.7 | 6.0 | 5.0 |
| RAIN DANCE (PST-5SDT) | 5.3 | 4.3 | 6.0 | 6.0 | 4.3 | 5.0 | 5.0 | 5.0 | 5.0 | 5.7 | 5.3 | 5.0 |
| TERRANO | 5.7 | 3.7 | 6.0 | 5.7 | 3.7 | 4.7 | 5.3 | 5.3 | 4.7 | 5.7 | 5.3 | 5.0 |
| K12-13 | 6.0 | 4.0 | 5.0 | 5.3 | 3.7 | 4.3 | 5.0 | 5.0 | 4.7 | 5.7 | 5.7 | 4.9 |
| ANNIHILATOR | 5.3 | 3.7 | 5.3 | 5.0 | 3.3 | 4.3 | 4.7 | 5.0 | 4.3 | 5.3 | 5.3 | 4.6 |
| BAR FA 120878 | 5.0 | 4.0 | 6.0 | 4.7 | 4.0 | 4.0 | 4.3 | 4.7 | 4.3 | 5.0 | 5.3 | 4.5 |
| KY-31 | 4.0 | 3.0 | 7.0 | 4.0 | 3.0 | 3.0 | 3.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.1 |
| LSD VALUE | 0.7 | 1.2 | 0.7 | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.1 | 0.7 | 0.4 |
| C.V. (%) | 6.6 | 11.3 | 7.4 | 7.9 | 10.9 | 9.8 | 9.2 | 9.4 | 10.6 | 9.9 | 6.4 | 4.4 |

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/
2015 DATA

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

| NAME | QUALITY RATINGS | | | | | | | | |
|------------------------------|-------------------|-----|-----|-----|-----|-----|-----|-----|------|
| | SPRING GREENUP | APR | MAY | JUN | JUL | AUG | SEP | OCT | MEAN |
| 4TH MILLENNIUM SRP (U43) | 6.0 | 7.3 | 8.7 | 8.3 | 8.0 | 7.3 | 7.3 | 8.3 | 7.9 |
| ATF 1704 | 6.7 | 7.7 | 8.0 | 7.7 | 8.7 | 8.3 | 7.3 | 7.3 | 7.9 |
| F711 | 5.7 | 7.7 | 9.0 | 8.0 | 8.3 | 7.7 | 6.7 | 8.0 | 7.9 |
| FIRECRACKER SLS (PPG-TF-105) | 3.0 | 7.7 | 7.7 | 7.7 | 7.3 | 7.7 | 8.3 | 8.7 | 7.9 |
| BIZEM | 6.0 | 9.0 | 8.0 | 7.0 | 7.3 | 7.7 | 7.3 | 8.3 | 7.8 |
| RAD-TF-92 | 4.7 | 7.3 | 8.0 | 7.3 | 7.7 | 8.3 | 7.7 | 8.3 | 7.8 |
| TEMPLE (DZ1) | 5.3 | 7.7 | 8.3 | 7.7 | 7.3 | 7.3 | 7.7 | 8.3 | 7.8 |
| B23 | 5.0 | 7.7 | 8.3 | 8.0 | 8.0 | 6.3 | 6.3 | 8.3 | 7.6 |
| AMITY (CCR2) | 6.3 | 8.7 | 8.7 | 8.3 | 7.0 | 7.0 | 6.0 | 7.3 | 7.6 |
| WICHITA (PPG-TF-151) | 4.0 | 7.7 | 7.7 | 6.7 | 8.0 | 8.0 | 7.3 | 8.0 | 7.6 |
| RHAMBLER 2 SRP (LSD) | 2.0 | 6.7 | 8.3 | 8.3 | 8.0 | 7.7 | 6.7 | 7.3 | 7.6 |
| ROCKWELL (LTP-TWUU) | 6.7 | 8.3 | 8.0 | 8.0 | 7.7 | 6.3 | 7.0 | 8.0 | 7.6 |
| EMBRACE (PST-5EV2) | 5.7 | 6.3 | 8.3 | 8.3 | 8.7 | 7.0 | 6.3 | 7.3 | 7.5 |
| PPG-TF-172 | 4.7 | 8.3 | 8.3 | 8.0 | 7.3 | 7.0 | 6.0 | 7.3 | 7.5 |
| ROWDY (SRX-TPC) | 4.3 | 7.0 | 7.3 | 8.0 | 8.0 | 6.7 | 7.3 | 8.3 | 7.5 |
| AVENGER II (PPG-TF-156) | 6.0 | 7.3 | 9.0 | 8.3 | 7.7 | 6.3 | 6.3 | 6.7 | 7.4 |
| FAYETTE (IS-TF 291) | 5.7 | 6.7 | 8.3 | 8.3 | 7.3 | 7.3 | 6.3 | 7.7 | 7.4 |
| MERIDIAN (PST-5GRB) | 6.0 | 7.7 | 8.0 | 7.7 | 7.7 | 7.3 | 6.7 | 7.0 | 7.4 |
| MET 1 | 6.7 | 7.0 | 8.3 | 8.7 | 8.0 | 7.0 | 6.3 | 6.7 | 7.4 |
| REFLECTION (U45) | 4.7 | 7.3 | 8.3 | 6.7 | 7.7 | 6.7 | 7.0 | 8.3 | 7.4 |
| TECHNIQUE (RZ2) | 5.7 | 7.3 | 9.0 | 8.7 | 7.3 | 6.3 | 6.0 | 7.0 | 7.4 |
| W41 | 4.7 | 7.3 | 8.7 | 7.7 | 8.0 | 7.3 | 6.0 | 6.7 | 7.4 |
| BLACK TAIL (PPG-TF-150) | 5.3 | 7.7 | 8.7 | 8.0 | 7.3 | 6.7 | 6.0 | 7.0 | 7.3 |
| HOUND08 (IS-TF 307 SEL) | 4.0 | 7.0 | 8.7 | 7.7 | 7.3 | 7.0 | 6.3 | 7.0 | 7.3 |
| IS-TF-287 | 4.0 | 7.7 | 8.0 | 7.3 | 7.3 | 8.0 | 6.0 | 7.0 | 7.3 |
| JS 916 | 4.0 | 7.3 | 7.3 | 7.0 | 8.7 | 7.7 | 7.0 | 6.0 | 7.3 |
| MAESTRO (T31) | 5.0 | 7.3 | 8.0 | 8.7 | 7.3 | 6.7 | 6.0 | 7.0 | 7.3 |
| PPG-TF-135 | 5.7 | 8.7 | 8.7 | 7.7 | 7.0 | 7.0 | 5.3 | 6.7 | 7.3 |
| BULLSEYE | 4.7 | 7.7 | 8.3 | 7.0 | 7.0 | 7.3 | 6.3 | 6.7 | 7.2 |
| CATALYST | 6.0 | 7.0 | 8.0 | 7.7 | 7.7 | 6.7 | 6.7 | 6.7 | 7.2 |
| K12-MCD | 4.7 | 7.3 | 7.0 | 6.3 | 7.0 | 8.0 | 7.0 | 7.7 | 7.2 |
| THOR (PPG-TF-157) | 4.7 | 7.7 | 7.3 | 6.7 | 7.0 | 7.3 | 7.0 | 7.7 | 7.2 |
| TRAVERSE 2 SRP (W45) | 4.7 | 5.7 | 8.0 | 8.0 | 7.7 | 7.0 | 6.3 | 8.0 | 7.2 |
| ATF 1612 | 5.7 | 6.3 | 8.0 | 9.0 | 8.0 | 6.3 | 5.0 | 7.3 | 7.1 |
| FIREBIRD 2 | 5.0 | 7.7 | 8.7 | 8.0 | 6.7 | 6.0 | 5.7 | 7.3 | 7.1 |
| IS-TF 308 SEL | 4.7 | 7.0 | 8.0 | 9.0 | 7.0 | 6.7 | 5.7 | 6.3 | 7.1 |
| COMMANDER (PPG-TF-170) | 6.0 | 8.0 | 8.0 | 7.3 | 6.7 | 6.7 | 6.0 | 7.3 | 7.1 |
| OLYMPUS (RAD-TF-88) | 4.7 | 7.3 | 7.3 | 7.0 | 7.3 | 7.7 | 6.7 | 6.7 | 7.1 |
| RAPTOR III (ZW 44) | 4.7 | 7.3 | 8.3 | 8.7 | 7.7 | 6.0 | 5.0 | 6.7 | 7.1 |
| REGENERATE | 6.7 | 7.3 | 9.0 | 9.0 | 7.7 | 6.0 | 4.3 | 6.3 | 7.1 |
| TITANIUM 2LS (PPG-TF-152) | 3.3 | 7.0 | 7.7 | 7.7 | 7.3 | 7.0 | 6.0 | 7.3 | 7.1 |
| DIABLO (IS-TF 330) | 2.7 | 6.3 | 8.7 | 7.3 | 7.3 | 7.0 | 5.7 | 6.7 | 7.0 |
| FALCON V | 7.0 | 8.3 | 8.3 | 7.0 | 6.7 | 6.3 | 5.7 | 6.7 | 7.0 |
| IS-TF 311 | 4.7 | 8.0 | 8.3 | 7.7 | 6.7 | 6.7 | 5.7 | 6.0 | 7.0 |
| LEONARDO (LTP-FSD) | 5.3 | 8.0 | 7.3 | 6.7 | 6.7 | 6.3 | 6.3 | 7.3 | 7.0 |

TABLE 16. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) IN THE 2012 NATIONAL TALL FESCUE TEST AT NORTH BRUNSWICK, NJ 1/
2015 DATA

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

| NAME | QUALITY RATINGS | | | | | | | | MEAN |
|------------------------------|-------------------|-----|-----|-----|-----|-----|-----|-----|------|
| | SPRING GREENUP | APR | MAY | JUN | JUL | AUG | SEP | OCT | |
| BLOODHOUND (MET 6 SEL) | 6.0 | 7.7 | 8.3 | 7.7 | 7.0 | 6.7 | 5.0 | 6.7 | 7.0 |
| PARAMOUNT (PPG-TF-137) | 5.7 | 7.3 | 9.0 | 7.7 | 6.7 | 5.0 | 6.0 | 7.3 | 7.0 |
| SCREAMER LS (PPG-TF-148) | 6.3 | 8.7 | 7.7 | 8.3 | 7.0 | 5.3 | 5.3 | 6.7 | 7.0 |
| HEMI | 4.3 | 7.7 | 7.7 | 7.7 | 6.7 | 4.7 | 6.7 | 7.3 | 6.9 |
| CROSSFIRE 4 (IS-TF 310 SEL) | 3.7 | 6.0 | 7.3 | 6.7 | 5.7 | 6.7 | 7.3 | 8.3 | 6.9 |
| K12-05 | 2.7 | 6.3 | 7.0 | 6.0 | 7.7 | 6.3 | 7.3 | 7.7 | 6.9 |
| MET-3 | 6.0 | 6.7 | 8.3 | 7.3 | 7.0 | 6.3 | 5.7 | 7.0 | 6.9 |
| REBOUNDER (PICK-W43) | 6.3 | 7.0 | 8.7 | 6.3 | 5.7 | 6.3 | 7.3 | 7.0 | 6.9 |
| PPG-TF-169 | 6.3 | 7.0 | 8.0 | 7.7 | 7.7 | 6.7 | 4.7 | 6.3 | 6.9 |
| TURFWAY (IS-TF 282 M2) | 4.7 | 7.0 | 7.3 | 6.0 | 6.7 | 7.0 | 6.7 | 7.7 | 6.9 |
| HOT ROD (BURL TF-136) | 5.3 | 6.7 | 8.0 | 9.0 | 6.0 | 6.3 | 5.0 | 6.3 | 6.8 |
| KINGDOM (DB1) | 1.7 | 7.0 | 7.0 | 6.3 | 6.3 | 6.0 | 6.7 | 8.0 | 6.8 |
| PST-5MVD | 6.0 | 7.3 | 7.0 | 5.7 | 7.0 | 7.7 | 6.7 | 6.3 | 6.8 |
| TERRANO | 2.7 | 6.3 | 6.3 | 7.7 | 7.0 | 6.7 | 6.7 | 7.0 | 6.8 |
| JS 818 | 1.7 | 6.3 | 6.7 | 7.0 | 6.0 | 6.0 | 7.0 | 7.7 | 6.7 |
| PSG-PO1 | 5.3 | 7.3 | 8.0 | 6.7 | 6.3 | 5.3 | 5.3 | 8.0 | 6.7 |
| RAD-TF-89 | 4.7 | 7.0 | 7.3 | 7.0 | 7.0 | 7.0 | 4.7 | 6.7 | 6.7 |
| FESNOVA | 5.0 | 8.0 | 7.3 | 6.7 | 4.7 | 6.0 | 6.3 | 7.3 | 6.6 |
| FOXHOUND (IS-TF 284 M2) | 3.0 | 6.3 | 7.3 | 7.0 | 6.0 | 6.3 | 6.0 | 7.0 | 6.6 |
| GTO (BURL TF-2) | 6.0 | 7.0 | 8.0 | 7.3 | 6.7 | 5.7 | 4.7 | 6.7 | 6.6 |
| HOVER (BURL TF-69) | 5.0 | 8.3 | 6.7 | 6.3 | 6.0 | 5.7 | 6.7 | 6.7 | 6.6 |
| NIGHTCRAWLER (IS-TF 285) | 2.0 | 6.0 | 6.0 | 5.7 | 6.3 | 6.0 | 7.3 | 8.7 | 6.6 |
| MICHELANGELO (LTP-F5DPDR) | 4.7 | 7.7 | 7.3 | 6.7 | 7.0 | 6.3 | 5.3 | 6.0 | 6.6 |
| XTENDER (PPG-TF-139) | 3.3 | 6.7 | 7.0 | 7.7 | 6.7 | 7.0 | 4.7 | 6.7 | 6.6 |
| IS-TF 269 SEL | 3.3 | 5.7 | 7.0 | 7.3 | 7.7 | 6.3 | 5.3 | 6.0 | 6.5 |
| SALTILLO (PST-5SALT) | 4.3 | 7.3 | 4.7 | 6.0 | 7.7 | 7.7 | 6.0 | 6.0 | 6.5 |
| ATF 1754 | 6.0 | 7.0 | 6.3 | 7.7 | 7.0 | 6.0 | 4.7 | 6.3 | 6.4 |
| GRANDE 3 | 7.0 | 7.3 | 8.0 | 7.0 | 6.3 | 5.0 | 5.0 | 6.0 | 6.4 |
| PST-5DZP | 4.3 | 6.3 | 6.7 | 7.0 | 7.3 | 6.0 | 5.3 | 6.3 | 6.4 |
| SWAGGER (PST-5R05) | 4.7 | 6.0 | 7.0 | 6.0 | 6.7 | 7.0 | 6.0 | 6.0 | 6.4 |
| PPG-TF-138 | 4.7 | 7.3 | 7.7 | 6.7 | 6.7 | 6.0 | 3.7 | 6.3 | 6.3 |
| ATF 1736 | 5.3 | 7.3 | 6.7 | 5.3 | 6.0 | 5.7 | 6.0 | 6.7 | 6.2 |
| UNITUS (IS-TF 289) | 1.7 | 5.3 | 7.7 | 6.3 | 7.3 | 6.0 | 5.3 | 5.3 | 6.2 |
| RHIZING MOON (IS-TF 305 SEL) | 3.7 | 5.7 | 7.3 | 6.7 | 6.0 | 5.0 | 5.3 | 7.3 | 6.2 |
| PST-5BP0 | 5.0 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 5.0 | 5.3 | 6.2 |
| PST-5BRK | 4.3 | 6.0 | 6.3 | 6.0 | 7.3 | 6.3 | 5.3 | 6.0 | 6.2 |
| 204 RES. BLK4 | 5.3 | 6.0 | 6.7 | 5.3 | 6.0 | 5.7 | 6.0 | 7.0 | 6.1 |
| CAESAR (TY 10) | 4.7 | 6.0 | 6.3 | 6.3 | 6.0 | 6.0 | 5.7 | 6.7 | 6.1 |
| DYNAMITE LS (PPG-TF-145) | 1.0 | 5.0 | 5.7 | 5.7 | 6.3 | 7.0 | 6.3 | 6.7 | 6.1 |
| FIREWALL (PSG-WE1) | 5.0 | 5.7 | 8.7 | 8.0 | 6.7 | 4.3 | 4.0 | 5.3 | 6.1 |
| JS 809 | 2.0 | 5.0 | 6.3 | 6.0 | 6.0 | 5.7 | 6.7 | 7.0 | 6.1 |
| RAD-TF-83 | 3.7 | 7.0 | 6.0 | 5.3 | 5.3 | 5.3 | 6.7 | 7.3 | 6.1 |
| BAR FA 121095 | 2.0 | 5.3 | 6.0 | 5.3 | 6.7 | 6.3 | 6.7 | 5.7 | 6.0 |
| FAITH | 6.0 | 6.7 | 7.7 | 7.7 | 6.3 | 4.7 | 3.7 | 5.3 | 6.0 |
| MEMPHIS (GO-DFR) | 2.7 | 5.3 | 7.0 | 5.7 | 6.0 | 5.7 | 5.7 | 6.0 | 5.9 |

TABLE 16. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) IN THE 2012 NATIONAL TALL FESCUE TEST AT NORTH BRUNSWICK, NJ 1/
2015 DATA

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

| NAME | QUALITY RATINGS | | | | | | | | |
|------------------------|-------------------|------|------|------|------|------|------|------|------|
| | SPRING GREENUP | APR | MAY | JUN | JUL | AUG | SEP | OCT | MEAN |
| IS-TF 276 M2 | 4.0 | 6.0 | 6.3 | 5.7 | 5.0 | 5.7 | 6.0 | 6.7 | 5.9 |
| PPG-TF-115 | 3.3 | 6.7 | 6.0 | 5.7 | 5.3 | 6.3 | 5.0 | 6.3 | 5.9 |
| PSG-GSD | 4.3 | 7.0 | 5.7 | 5.7 | 6.0 | 6.0 | 5.3 | 5.3 | 5.9 |
| THUNDERSTRUCK (TD1) | 2.0 | 5.0 | 7.3 | 6.7 | 6.7 | 5.7 | 4.3 | 5.7 | 5.9 |
| RAIN DANCE (PST-5SDT) | 5.7 | 7.0 | 6.0 | 4.7 | 6.0 | 6.3 | 5.0 | 5.7 | 5.8 |
| ARES (PPG-TF-142) | 2.0 | 5.0 | 7.0 | 5.7 | 5.3 | 6.0 | 5.0 | 6.0 | 5.7 |
| IS-TF 272 | 3.0 | 6.7 | 7.3 | 6.3 | 5.0 | 4.0 | 4.7 | 5.7 | 5.7 |
| K12-13 | 1.0 | 4.7 | 6.0 | 4.3 | 5.7 | 6.3 | 6.3 | 6.3 | 5.7 |
| TEMPTATION (OR-21) | 3.7 | 6.7 | 6.0 | 5.7 | 5.7 | 5.0 | 5.0 | 6.0 | 5.7 |
| PSG-8BP2 | 3.0 | 6.0 | 5.3 | 5.7 | 5.7 | 5.0 | 5.3 | 6.3 | 5.6 |
| COMP. RES. SST | 4.0 | 6.3 | 6.0 | 4.3 | 5.7 | 4.7 | 5.3 | 6.3 | 5.5 |
| FALCON IV | 5.3 | 6.7 | 5.7 | 4.7 | 5.7 | 5.0 | 5.3 | 5.3 | 5.5 |
| BAR FA 121091 | 2.7 | 5.3 | 5.3 | 5.0 | 5.3 | 4.7 | 5.7 | 5.7 | 5.3 |
| PST-5EX2 | 6.7 | 7.0 | 4.7 | 5.0 | 6.0 | 5.0 | 5.3 | 4.3 | 5.3 |
| INSPIRATION (PST-R5NW) | 2.7 | 6.0 | 5.0 | 4.7 | 5.3 | 5.0 | 5.0 | 5.3 | 5.2 |
| BAR FA 121089 | 3.7 | 5.3 | 5.0 | 4.0 | 4.0 | 5.3 | 5.7 | 5.7 | 5.0 |
| JS 819 | 1.7 | 5.3 | 6.0 | 4.7 | 4.3 | 4.3 | 5.0 | 5.7 | 5.0 |
| MARAUDER | 4.0 | 5.3 | 4.7 | 4.0 | 4.0 | 5.0 | 5.7 | 6.0 | 5.0 |
| PSG-TT4 | 3.7 | 6.0 | 4.3 | 4.3 | 5.0 | 4.7 | 5.3 | 5.0 | 5.0 |
| ANNIHILATOR | 3.7 | 5.7 | 5.0 | 4.3 | 4.3 | 5.0 | 4.7 | 4.7 | 4.8 |
| AQUADUCT | 3.3 | 5.3 | 5.0 | 3.3 | 5.3 | 4.7 | 5.0 | 5.0 | 4.8 |
| FRONTLINE (EXP TF-09) | 3.7 | 5.0 | 5.0 | 4.3 | 4.0 | 3.3 | 4.7 | 5.0 | 4.5 |
| JS 825 | 1.0 | 3.7 | 5.3 | 4.3 | 4.3 | 4.7 | 4.7 | 4.3 | 4.5 |
| WARHAWK | 3.0 | 4.7 | 4.0 | 3.7 | 3.7 | 3.0 | 5.0 | 5.0 | 4.1 |
| BAR FA 120878 | 5.7 | 2.3 | 1.7 | 1.7 | 1.7 | 1.3 | 2.7 | 2.0 | 1.9 |
| KY-31 | 8.3 | 2.0 | 1.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.2 |
| LSD VALUE | 1.2 | 2.1 | 1.4 | 1.6 | 2.1 | 2.4 | 3.6 | 2.6 | 1.2 |
| C.V. (%) | 18.3 | 17.8 | 12.6 | 16.0 | 18.6 | 21.3 | 25.5 | 20.4 | 11.7 |

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

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

TABLE 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/
2015 DATA

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

| NAME | BEFORE TRAFFIC ON APRIL 13-14 | | | | AFTER TRAFFIC IN SPRING (JUNE 4) | | | | BEFORE TRAFFIC ON JULY 29 | | | |
|------------------------------|-------------------------------|---------|--------------------|---------|----------------------------------|---------|--------------------|---------|---------------------------|---------|--------------------|---------|
| | 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 |
| TEMPLE (DZ1) | 8.0 | 5.7 | 88.3 | 51.7 | 9.0 | 6.7 | 96.3 | 71.7 | 9.0 | 8.7 | 96.3 | 90.0 |
| EMBRACE (PST-5EV2) | 8.0 | 6.0 | 83.3 | 55.0 | 9.0 | 7.0 | 93.3 | 70.0 | 9.0 | 8.7 | 97.7 | 93.3 |
| HEMI | 8.0 | 6.0 | 85.0 | 56.7 | 9.0 | 7.7 | 97.7 | 78.3 | 9.0 | 8.3 | 97.7 | 93.3 |
| REFLECTION (U45) | 8.0 | 6.3 | 83.3 | 65.0 | 9.0 | 7.3 | 95.0 | 76.7 | 8.7 | 8.7 | 99.0 | 93.3 |
| BIZEM | 8.3 | 6.0 | 86.7 | 53.3 | 9.0 | 7.0 | 94.7 | 73.3 | 8.7 | 8.3 | 96.3 | 88.3 |
| IS-TF-287 | 8.0 | 5.7 | 80.0 | 53.3 | 9.0 | 7.0 | 94.7 | 70.0 | 9.0 | 8.0 | 96.3 | 88.3 |
| K12-13 | 6.7 | 5.3 | 70.0 | 50.0 | 8.3 | 5.3 | 94.7 | 60.0 | 9.0 | 7.7 | 91.7 | 83.3 |
| PSG-8BP2 | 6.7 | 5.7 | 71.7 | 56.7 | 8.3 | 7.3 | 90.0 | 75.0 | 8.3 | 7.7 | 93.3 | 88.3 |
| PST-5BPO | 7.7 | 5.7 | 80.0 | 56.7 | 8.7 | 7.0 | 90.0 | 70.0 | 8.3 | 8.3 | 96.3 | 90.0 |
| COMP. RES. SST | 7.3 | 5.7 | 75.0 | 53.3 | 8.3 | 7.7 | 93.3 | 76.7 | 8.7 | 8.0 | 91.7 | 86.7 |
| HOVER (BURL TF-69) | 7.7 | 5.7 | 80.0 | 55.0 | 9.0 | 6.7 | 96.3 | 70.0 | 9.0 | 7.7 | 96.0 | 88.3 |
| PPG-TF-172 | 8.0 | 6.3 | 86.7 | 55.0 | 9.0 | 7.3 | 96.3 | 71.7 | 9.0 | 7.7 | 96.3 | 86.7 |
| RAD-TF-89 | 8.0 | 5.7 | 85.0 | 65.0 | 9.0 | 7.7 | 94.7 | 80.0 | 9.0 | 8.3 | 93.3 | 88.3 |
| RAPTOR III (ZW 44) | 8.0 | 6.7 | 83.3 | 60.0 | 9.0 | 8.0 | 96.3 | 78.3 | 9.0 | 8.3 | 99.0 | 93.3 |
| RHAMBLER 2 SRP (LSD) | 8.0 | 6.0 | 80.0 | 55.0 | 9.0 | 6.3 | 96.3 | 70.0 | 9.0 | 9.0 | 97.7 | 93.3 |
| XTENDER (PPG-TF-139) | 7.3 | 5.3 | 78.3 | 53.3 | 9.0 | 7.3 | 94.7 | 76.7 | 9.0 | 9.0 | 97.7 | 93.3 |
| IS-TF 311 | 8.0 | 6.3 | 86.7 | 60.0 | 9.0 | 7.7 | 96.3 | 78.3 | 9.0 | 8.3 | 94.7 | 88.3 |
| K12-MCD | 8.0 | 5.0 | 80.0 | 48.3 | 8.7 | 7.0 | 96.3 | 73.3 | 8.7 | 8.0 | 96.3 | 90.0 |
| MEMPHIS (GO-DFR) | 7.0 | 5.0 | 75.0 | 46.7 | 8.7 | 6.0 | 93.3 | 63.3 | 8.3 | 8.0 | 95.0 | 88.3 |
| PPG-TF-135 | 8.0 | 5.7 | 86.7 | 56.7 | 9.0 | 7.3 | 97.7 | 78.3 | 9.0 | 9.0 | 97.7 | 93.3 |
| PSG-GSD | 7.7 | 5.3 | 80.0 | 50.0 | 8.3 | 7.0 | 91.7 | 75.0 | 9.0 | 8.7 | 95.0 | 90.0 |
| PST-5BRK | 7.3 | 4.7 | 75.0 | 46.7 | 8.7 | 6.7 | 91.7 | 66.7 | 8.7 | 8.3 | 96.3 | 88.3 |
| SCREAMER LS (PPG-TF-148) | 8.7 | 5.7 | 88.3 | 53.3 | 9.0 | 7.7 | 96.3 | 73.3 | 9.0 | 8.7 | 99.0 | 91.7 |
| 4TH MILLENNIUM SRP (U43) | 8.3 | 6.0 | 86.7 | 56.7 | 9.0 | 7.7 | 97.7 | 73.3 | 9.0 | 9.0 | 99.0 | 95.0 |
| ATF 1704 | 8.7 | 6.3 | 85.0 | 61.7 | 9.0 | 8.0 | 96.3 | 76.7 | 9.0 | 8.3 | 94.7 | 90.0 |
| BULLSEYE | 7.7 | 5.3 | 78.3 | 53.3 | 9.0 | 7.0 | 93.3 | 68.3 | 9.0 | 8.3 | 97.7 | 90.0 |
| F711 | 8.3 | 6.3 | 85.0 | 55.0 | 9.0 | 7.0 | 96.3 | 75.0 | 9.0 | 8.3 | 99.0 | 94.7 |
| FIRECRACKER SLS (PPG-TF-105) | 7.7 | 5.3 | 78.3 | 45.0 | 9.0 | 6.7 | 94.7 | 75.0 | 9.0 | 8.0 | 97.7 | 88.3 |
| JS 916 | 8.0 | 6.0 | 81.7 | 53.3 | 9.0 | 7.7 | 95.0 | 76.7 | 8.7 | 8.0 | 96.3 | 85.0 |
| MICHELANGELO (LTP-F5DPDR) | 7.7 | 5.7 | 81.7 | 51.7 | 8.7 | 7.3 | 95.0 | 73.3 | 9.0 | 7.7 | 93.3 | 86.7 |
| OLYMPUS (RAD-TF-88) | 7.7 | 5.3 | 81.7 | 53.3 | 9.0 | 7.0 | 96.3 | 73.3 | 9.0 | 8.0 | 97.7 | 90.0 |
| RAD-TF-92 | 7.0 | 5.3 | 76.7 | 55.0 | 9.0 | 7.3 | 93.3 | 80.0 | 8.7 | 8.7 | 96.0 | 88.3 |
| REBOUNDER (PICK-W43) | 8.3 | 5.7 | 88.3 | 55.0 | 8.7 | 6.0 | 96.3 | 65.0 | 8.7 | 8.3 | 96.0 | 91.7 |
| ROCKWELL (LTP-TWUU) | 8.3 | 5.0 | 85.0 | 50.0 | 9.0 | 6.3 | 97.7 | 68.3 | 9.0 | 8.3 | 99.0 | 91.7 |
| TRAVERSE 2 SRP (W45) | 8.0 | 5.7 | 83.3 | 50.0 | 8.7 | 6.0 | 94.7 | 68.3 | 9.0 | 8.3 | 97.7 | 91.7 |
| BLACK TAIL (PPG-TF-150) | 8.0 | 5.7 | 81.7 | 53.3 | 9.0 | 7.0 | 95.0 | 71.7 | 8.7 | 8.0 | 97.7 | 90.0 |
| GRANDE 3 | 8.7 | 5.7 | 86.7 | 56.7 | 8.7 | 6.7 | 97.7 | 71.7 | 9.0 | 8.0 | 96.0 | 91.7 |
| KINGDOM (DB1) | 7.0 | 5.3 | 75.0 | 46.7 | 9.0 | 6.3 | 93.3 | 68.3 | 8.7 | 8.0 | 94.7 | 88.3 |
| NIGHTCRAWLER (IS-TF 285) | 7.3 | 5.7 | 78.3 | 46.7 | 8.3 | 6.7 | 90.0 | 66.7 | 8.3 | 7.7 | 93.0 | 88.3 |
| PPG-TF-169 | 8.3 | 6.0 | 85.0 | 58.3 | 9.0 | 6.7 | 96.3 | 70.0 | 9.0 | 8.3 | 93.3 | 90.0 |
| PST-5EX2 | 8.0 | 5.7 | 81.7 | 56.7 | 8.3 | 7.3 | 88.3 | 73.3 | 8.0 | 7.3 | 91.7 | 86.7 |
| TITANIUM 2LS (PPG-TF-152) | 7.7 | 5.7 | 81.7 | 55.0 | 9.0 | 6.3 | 96.3 | 70.0 | 9.0 | 7.7 | 97.7 | 85.0 |
| B23 | 8.3 | 6.7 | 83.3 | 60.0 | 9.0 | 7.7 | 99.0 | 78.3 | 9.0 | 8.3 | 97.7 | 90.0 |
| CATALYST | 8.0 | 6.7 | 85.0 | 65.0 | 8.7 | 7.3 | 94.7 | 78.3 | 9.0 | 9.0 | 96.0 | 91.7 |
| CROSSFIRE 4 (IS-TF 310 SEL) | 7.7 | 6.3 | 78.3 | 58.3 | 9.0 | 7.0 | 96.3 | 71.7 | 9.0 | 8.0 | 96.3 | 88.3 |

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/
2015 DATA

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

| NAME | BEFORE TRAFFIC ON APRIL 13-14 | | | | AFTER TRAFFIC IN SPRING (JUNE 4) | | | | BEFORE TRAFFIC ON JUNE 29 | | | |
|------------------------------|-------------------------------|---------|--------------------|---------|----------------------------------|---------|--------------------|---------|---------------------------|---------|--------------------|---------|
| | 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 |
| DIABLO (IS-TF 330) | 7.3 | 4.7 | 76.7 | 43.3 | 9.0 | 6.7 | 94.7 | 70.0 | 8.7 | 8.0 | 91.7 | 88.3 |
| IS-TF 269 SEL | 7.3 | 5.3 | 76.7 | 50.0 | 9.0 | 7.3 | 93.3 | 75.0 | 8.7 | 7.7 | 91.7 | 86.7 |
| IS-TF 272 | 7.3 | 4.3 | 76.7 | 45.0 | 9.0 | 5.3 | 93.3 | 60.0 | 8.3 | 8.0 | 94.7 | 83.3 |
| IS-TF 308 SEL | 8.0 | 6.0 | 81.7 | 53.3 | 9.0 | 6.3 | 96.3 | 63.3 | 9.0 | 8.0 | 96.3 | 88.3 |
| MAESTRO (T31) | 8.0 | 5.7 | 86.7 | 56.7 | 9.0 | 6.3 | 96.3 | 68.3 | 9.0 | 8.3 | 99.0 | 90.0 |
| MET 1 | 8.0 | 6.0 | 88.3 | 53.3 | 9.0 | 6.7 | 96.3 | 66.7 | 9.0 | 8.0 | 99.0 | 93.3 |
| 'COMMANDER (PPG-TF-170) | 7.7 | 5.0 | 85.0 | 50.0 | 8.7 | 6.7 | 96.3 | 73.3 | 9.0 | 8.0 | 97.7 | 88.3 |
| PSG-P01 | 7.7 | 5.0 | 81.7 | 46.7 | 9.0 | 6.0 | 95.0 | 66.7 | 9.0 | 8.0 | 97.7 | 91.7 |
| RAD-TF-83 | 7.0 | 5.0 | 73.3 | 51.7 | 9.0 | 6.3 | 93.3 | 63.3 | 8.3 | 7.3 | 91.7 | 83.3 |
| CAESAR (TY 10) | 7.3 | 5.3 | 78.3 | 50.0 | 8.0 | 6.3 | 91.7 | 68.3 | 8.7 | 7.7 | 93.3 | 86.7 |
| FIREBIRD 2 | 8.0 | 6.3 | 85.0 | 56.7 | 9.0 | 6.3 | 97.7 | 70.0 | 9.0 | 8.0 | 99.0 | 88.3 |
| GTO (BURL TF-2) | 8.3 | 6.0 | 86.7 | 58.3 | 9.0 | 6.0 | 93.3 | 68.3 | 9.0 | 8.3 | 99.0 | 88.3 |
| HOT ROD (BURL TF-136) | 8.0 | 6.7 | 86.7 | 61.7 | 9.0 | 7.3 | 95.0 | 76.7 | 9.0 | 8.3 | 96.3 | 91.7 |
| HOUNDOG8 (IS-TF 307 SEL) | 7.7 | 5.0 | 78.3 | 45.0 | 9.0 | 6.0 | 95.0 | 70.0 | 9.0 | 8.3 | 96.3 | 86.7 |
| INSPIRATION (PST-R5NW) | 6.7 | 4.7 | 70.0 | 45.0 | 8.0 | 6.7 | 91.7 | 70.0 | 8.0 | 7.7 | 91.7 | 86.7 |
| IS-TF 276 M2 | 7.0 | 4.3 | 76.7 | 45.0 | 9.0 | 6.7 | 90.0 | 66.7 | 8.3 | 8.0 | 91.7 | 85.0 |
| MERIDIAN (PST-5GRB) | 8.0 | 6.0 | 78.3 | 56.7 | 9.0 | 7.7 | 96.3 | 76.7 | 9.0 | 9.0 | 99.0 | 95.0 |
| MET-3 | 7.3 | 5.3 | 80.0 | 46.7 | 8.7 | 6.3 | 91.7 | 68.3 | 8.7 | 8.0 | 96.3 | 90.0 |
| PST-5MVD | 8.0 | 5.3 | 83.3 | 51.7 | 9.0 | 6.3 | 91.7 | 68.3 | 9.0 | 8.0 | 91.7 | 85.0 |
| RAIN DANCE (PST-5SDT) | 7.3 | 6.0 | 81.7 | 58.3 | 8.0 | 6.7 | 90.0 | 68.3 | 8.7 | 8.0 | 91.7 | 85.0 |
| SALTILLO (PST-5SALT) | 8.0 | 5.7 | 80.0 | 50.0 | 8.7 | 6.0 | 91.7 | 66.7 | 9.0 | 8.3 | 96.3 | 91.7 |
| TECHNIQUE (RZ2) | 8.0 | 6.3 | 90.0 | 61.7 | 9.0 | 7.7 | 99.0 | 81.7 | 9.0 | 8.7 | 99.0 | 94.7 |
| ATF 1754 | 8.3 | 5.7 | 85.0 | 55.0 | 9.0 | 6.7 | 93.3 | 66.7 | 9.0 | 8.3 | 96.3 | 86.7 |
| FAYETTE (IS-TF 291) | 8.0 | 5.7 | 85.0 | 53.3 | 9.0 | 7.7 | 96.3 | 81.7 | 9.0 | 8.7 | 95.0 | 90.0 |
| JS 809 | 6.7 | 5.3 | 68.3 | 46.7 | 8.3 | 5.7 | 91.7 | 61.7 | 8.7 | 8.0 | 91.7 | 86.7 |
| PPG-TF-138 | 7.3 | 5.7 | 80.0 | 58.3 | 9.0 | 6.7 | 95.0 | 68.3 | 9.0 | 8.0 | 99.0 | 88.3 |
| ROWDY (SRX-TPC) | 8.0 | 6.0 | 81.7 | 53.3 | 9.0 | 7.3 | 96.3 | 73.3 | 9.0 | 8.3 | 97.7 | 91.7 |
| SWAGGER (PST-5R05) | 7.7 | 5.0 | 76.7 | 48.3 | 9.0 | 7.0 | 93.3 | 71.7 | 8.7 | 8.3 | 96.3 | 88.3 |
| TURFWAY (IS-TF 282 M2) | 8.0 | 5.3 | 78.3 | 51.7 | 8.3 | 5.7 | 91.7 | 63.3 | 8.7 | 8.0 | 91.7 | 85.0 |
| AVENGER II (PPG-TF-156) | 8.3 | 6.3 | 86.7 | 66.7 | 9.0 | 7.3 | 97.7 | 75.0 | 9.0 | 8.3 | 99.0 | 93.3 |
| FESNOVA | 8.0 | 5.0 | 78.3 | 55.0 | 8.7 | 6.3 | 91.7 | 65.0 | 9.0 | 7.7 | 96.3 | 86.7 |
| FOXHOUND (IS-TF 284 M2) | 7.7 | 5.0 | 78.3 | 45.0 | 8.7 | 6.7 | 93.3 | 65.0 | 8.7 | 7.7 | 96.3 | 85.0 |
| FRONTLINE (EXP TF-09) | 6.3 | 4.3 | 73.3 | 41.7 | 8.0 | 6.3 | 86.7 | 61.7 | 8.0 | 7.7 | 85.0 | 83.3 |
| JS 818 | 6.7 | 3.7 | 71.7 | 38.3 | 8.7 | 7.0 | 91.7 | 66.7 | 8.7 | 8.0 | 91.7 | 85.0 |
| LEONARDO (LTP-FSD) | 7.7 | 5.0 | 83.3 | 51.7 | 9.0 | 7.0 | 96.3 | 75.0 | 8.7 | 8.0 | 94.3 | 88.3 |
| PSG-TT4 | 7.3 | 5.0 | 78.3 | 46.7 | 8.0 | 6.0 | 88.3 | 66.7 | 8.3 | 7.7 | 90.0 | 83.3 |
| REGENERATE | 8.0 | 6.3 | 86.7 | 60.0 | 9.0 | 6.3 | 96.3 | 73.3 | 9.0 | 9.0 | 99.0 | 95.0 |
| RHIZING MOON (IS-TF 305 SEL) | 7.7 | 5.3 | 73.3 | 45.0 | 9.0 | 6.7 | 91.7 | 65.0 | 9.0 | 8.0 | 91.7 | 85.0 |
| TERRANO | 7.0 | 4.0 | 71.7 | 38.3 | 9.0 | 6.7 | 91.7 | 65.0 | 8.7 | 7.7 | 95.0 | 88.3 |
| 204 RES. BLK4 | 7.7 | 5.0 | 76.7 | 45.0 | 8.7 | 5.7 | 95.0 | 61.7 | 9.0 | 8.3 | 94.7 | 86.7 |
| AQUADUCT | 7.3 | 5.3 | 75.0 | 50.0 | 8.0 | 6.7 | 90.0 | 70.0 | 8.3 | 7.7 | 88.3 | 88.3 |
| ATF 1612 | 8.0 | 5.7 | 86.7 | 55.0 | 9.0 | 7.3 | 97.7 | 76.7 | 9.0 | 9.0 | 97.7 | 91.7 |
| ATF 1736 | 8.0 | 5.7 | 83.3 | 51.7 | 8.3 | 6.7 | 93.3 | 66.7 | 9.0 | 8.0 | 95.0 | 86.7 |
| BAR FA 121095 | 7.0 | 5.3 | 76.7 | 51.7 | 8.0 | 5.3 | 93.3 | 56.7 | 8.3 | 7.3 | 96.3 | 80.0 |
| THOR (PPG-TF-157) | 8.0 | 5.0 | 85.0 | 45.0 | 9.0 | 6.3 | 93.3 | 66.7 | 9.0 | 7.7 | 96.3 | 83.3 |

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/
2015 DATA

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

| NAME | BEFORE TRAFFIC ON APRIL 13-14 | | AFTER TRAFFIC IN SPRING (JUNE 4) | | BEFORE TRAFFIC ON JULY 29 | | | | | | | |
|--------------------------|-------------------------------|--------------------|----------------------------------|--------------------|---------------------------|--------------------|------|------|-----|-----|------|------|
| | UNIFORMITY | FULLNESS OF CANOPY | UNIFORMITY | FULLNESS OF CANOPY | UNIFORMITY | FULLNESS OF CANOPY | | | | | | |
| | NO TRAFFIC | TRAFFIC | NO TRAFFIC | TRAFFIC | NO TRAFFIC | TRAFFIC | | | | | | |
| W41 | 8.0 | 5.3 | 81.7 | 55.0 | 9.0 | 7.0 | 96.3 | 75.0 | 9.0 | 8.3 | 99.0 | 88.3 |
| ANNIHILATOR | 7.3 | 5.0 | 73.3 | 48.3 | 8.3 | 6.7 | 88.3 | 66.7 | 8.0 | 7.7 | 83.3 | 78.3 |
| FIREWALL (PSG-WE1) | 8.3 | 6.0 | 86.7 | 55.0 | 8.7 | 7.3 | 96.0 | 76.7 | 9.0 | 8.0 | 96.0 | 90.0 |
| BAR FA 121091 | 7.0 | 3.3 | 73.3 | 35.0 | 8.0 | 5.7 | 90.0 | 65.0 | 8.0 | 7.0 | 88.3 | 86.7 |
| BLOODHOUND (MET 6 SEL) | 8.3 | 5.3 | 83.3 | 51.7 | 9.0 | 7.0 | 96.3 | 70.0 | 9.0 | 8.3 | 95.0 | 90.0 |
| DYNAMITE LS (PPG-TF-145) | 6.7 | 4.7 | 75.0 | 46.7 | 8.7 | 6.0 | 91.7 | 68.3 | 8.7 | 7.7 | 96.0 | 86.7 |
| JS 819 | 6.3 | 5.0 | 66.7 | 46.7 | 8.3 | 6.3 | 91.7 | 68.3 | 8.3 | 7.7 | 91.7 | 81.7 |
| JS 825 | 5.7 | 2.7 | 58.3 | 31.7 | 8.0 | 6.3 | 83.3 | 61.7 | 8.0 | 7.7 | 85.0 | 80.0 |
| PST-5DZP | 7.0 | 5.3 | 75.0 | 46.7 | 9.0 | 6.0 | 91.7 | 66.7 | 8.7 | 8.0 | 96.3 | 88.3 |
| UNITUS (IS-TF 289) | 7.0 | 5.3 | 76.7 | 50.0 | 9.0 | 7.0 | 95.0 | 75.0 | 8.3 | 8.0 | 95.0 | 88.3 |
| WICHITA (PPG-TF-151) | 7.7 | 5.0 | 83.3 | 48.3 | 8.3 | 6.3 | 93.3 | 65.0 | 9.0 | 7.7 | 93.3 | 86.7 |
| ARES (PPG-TF-142) | 7.0 | 5.0 | 73.3 | 48.3 | 9.0 | 5.3 | 91.7 | 55.0 | 8.7 | 7.3 | 91.7 | 80.0 |
| BAR FA 121089 | 6.7 | 4.7 | 73.3 | 50.0 | 8.0 | 5.7 | 88.3 | 53.3 | 8.0 | 6.7 | 86.7 | 78.3 |
| FAITH | 8.0 | 5.0 | 81.7 | 48.3 | 8.7 | 6.3 | 95.0 | 70.0 | 8.7 | 8.0 | 96.3 | 90.0 |
| FALCON IV | 7.3 | 5.3 | 78.3 | 48.3 | 8.3 | 6.7 | 91.7 | 60.0 | 8.7 | 7.3 | 90.0 | 85.0 |
| K12-05 | 7.0 | 4.3 | 75.0 | 43.3 | 8.7 | 6.0 | 94.7 | 60.0 | 9.0 | 7.7 | 96.3 | 83.3 |
| PPG-TF-115 | 7.0 | 5.0 | 75.0 | 46.7 | 8.7 | 6.3 | 93.3 | 66.7 | 8.7 | 7.3 | 91.7 | 85.0 |
| BAR FA 120878 | 5.3 | 4.0 | 63.3 | 45.0 | 6.7 | 5.0 | 71.7 | 51.7 | 7.0 | 6.0 | 80.0 | 71.7 |
| MARAUDER | 7.3 | 4.7 | 73.3 | 41.7 | 8.0 | 5.3 | 90.0 | 60.0 | 7.7 | 6.7 | 85.0 | 78.3 |
| TEMPTATION (OR-21) | 7.3 | 4.3 | 73.3 | 41.7 | 8.3 | 5.0 | 90.0 | 58.3 | 8.7 | 7.3 | 91.7 | 81.7 |
| FALCON V | 9.0 | 6.3 | 86.7 | 58.3 | 9.0 | 7.3 | 93.3 | 75.0 | 9.0 | 8.0 | 97.7 | 91.7 |
| PARAMOUNT (PPG-TF-137) | 8.3 | 6.0 | 86.7 | 60.0 | 9.0 | 6.0 | 99.0 | 73.3 | 9.0 | 8.3 | 99.0 | 91.7 |
| THUNDERSTRUCK (TD1) | 6.3 | 4.7 | 68.3 | 43.3 | 9.0 | 5.3 | 91.7 | 56.7 | 8.7 | 7.7 | 93.0 | 85.0 |
| WARHAWK | 7.0 | 4.7 | 68.3 | 46.7 | 7.7 | 5.7 | 85.0 | 65.0 | 7.7 | 7.0 | 86.7 | 80.0 |
| AMITY (CCR2) | 8.3 | 5.7 | 86.7 | 50.0 | 9.0 | 5.3 | 95.0 | 56.7 | 9.0 | 8.3 | 97.7 | 88.3 |
| KY-31 | 5.3 | 2.3 | 53.3 | 23.3 | 6.0 | 4.0 | 61.7 | 41.7 | 7.0 | 5.7 | 76.7 | 66.7 |
| LSD VALUE | 0.7 | 1.3 | 6.1 | 17.3 | 0.5 | 1.5 | 4.2 | 12.1 | 0.6 | 1.0 | 5.0 | 6.4 |
| C.V. (%) | 6.0 | 14.2 | 5.0 | 16.4 | 3.9 | 12.5 | 3.0 | 10.0 | 3.9 | 7.0 | 3.4 | 4.4 |

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 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/
2015 DATA

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

| NAME | AFTER TRAFFIC IN SUMMER (AUGUST 18) | | | | BEFORE TRAFFIC ON SEPTEMBER 15 | | | | AFTER TRAFFIC IN FALL (NOVEMBER 4) | | | |
|------------------------------|-------------------------------------|---------|--------------------|---------|--------------------------------|---------|--------------------|---------|------------------------------------|---------|--------------------|---------|
| | 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 |
| TEMPLE (DZ1) | 9.0 | 7.0 | 95.0 | 73.3 | 9.0 | 7.0 | 95.0 | 70.0 | 9.0 | 7.3 | 95.0 | 71.7 |
| EMBRACE (PST-5EV2) | 9.0 | 6.3 | 97.7 | 70.0 | 8.7 | 6.7 | 89.3 | 68.3 | 8.7 | 6.7 | 93.0 | 70.0 |
| HEMI | 8.7 | 7.0 | 91.7 | 73.3 | 8.3 | 7.7 | 83.3 | 71.7 | 8.7 | 6.3 | 86.7 | 70.0 |
| REFLECTION (U45) | 9.0 | 7.3 | 94.7 | 78.3 | 9.0 | 8.7 | 90.0 | 75.0 | 9.0 | 6.7 | 96.3 | 70.0 |
| BIZEM | 9.0 | 6.3 | 94.7 | 70.0 | 9.0 | 8.0 | 96.3 | 73.3 | 9.0 | 6.7 | 94.7 | 68.3 |
| IS-TF-287 | 9.0 | 7.7 | 94.7 | 75.0 | 8.7 | 8.0 | 88.3 | 75.0 | 8.7 | 6.3 | 93.3 | 68.3 |
| K12-13 | 8.3 | 5.7 | 86.7 | 58.3 | 9.0 | 6.3 | 91.7 | 63.3 | 9.0 | 7.0 | 90.0 | 68.3 |
| PSG-8BP2 | 8.3 | 6.0 | 85.0 | 61.7 | 8.0 | 6.3 | 84.7 | 63.3 | 8.3 | 7.0 | 90.0 | 68.3 |
| PST-5BPO | 8.7 | 6.7 | 90.0 | 71.7 | 8.7 | 8.0 | 88.3 | 75.0 | 8.0 | 6.7 | 88.3 | 68.3 |
| COMP. RES. SST | 8.3 | 6.0 | 90.0 | 66.7 | 8.3 | 7.3 | 83.3 | 73.3 | 8.7 | 6.7 | 90.0 | 66.7 |
| HOVER (BURL TF-69) | 8.7 | 6.0 | 91.3 | 70.0 | 8.7 | 6.3 | 86.7 | 70.0 | 8.7 | 6.0 | 93.3 | 66.7 |
| PPG-TF-172 | 9.0 | 7.3 | 97.7 | 80.0 | 8.7 | 7.7 | 84.7 | 71.7 | 9.0 | 7.0 | 94.7 | 66.7 |
| RAD-TF-89 | 9.0 | 7.0 | 93.3 | 78.3 | 8.7 | 6.7 | 91.3 | 71.7 | 8.7 | 6.7 | 90.0 | 66.7 |
| RAPTOR III (ZW 44) | 8.7 | 7.0 | 93.0 | 76.7 | 8.3 | 7.3 | 83.3 | 75.0 | 8.7 | 6.7 | 93.3 | 66.7 |
| RHAMBLER 2 SRP (LSD) | 9.0 | 7.0 | 94.7 | 76.7 | 8.7 | 7.3 | 94.7 | 81.7 | 9.0 | 6.7 | 93.3 | 66.7 |
| XTENDER (PPG-TF-139) | 8.7 | 6.3 | 91.7 | 68.3 | 8.3 | 7.3 | 90.0 | 75.0 | 8.7 | 6.7 | 88.3 | 66.7 |
| IS-TF 311 | 8.7 | 7.3 | 94.3 | 78.3 | 8.0 | 6.7 | 79.7 | 70.0 | 7.7 | 6.3 | 83.3 | 65.0 |
| K12-MCD | 9.0 | 6.3 | 93.0 | 66.7 | 9.0 | 7.3 | 96.3 | 73.3 | 9.0 | 6.7 | 91.7 | 65.0 |
| MEMPHIS (GO-DFR) | 8.3 | 5.3 | 91.7 | 56.7 | 8.7 | 6.3 | 88.3 | 63.3 | 8.7 | 6.7 | 90.0 | 65.0 |
| PPG-TF-135 | 9.0 | 7.7 | 94.7 | 80.0 | 8.7 | 7.0 | 86.7 | 66.7 | 8.7 | 5.7 | 91.7 | 65.0 |
| PSG-GSD | 8.7 | 6.0 | 90.0 | 65.0 | 8.7 | 8.0 | 93.0 | 76.7 | 8.3 | 7.0 | 93.3 | 65.0 |
| PST-5BRK | 8.7 | 6.0 | 90.0 | 66.7 | 9.0 | 6.7 | 93.3 | 75.0 | 8.0 | 5.3 | 86.7 | 65.0 |
| SCREAMER LS (PPG-TF-148) | 8.7 | 6.7 | 95.0 | 70.0 | 8.3 | 6.3 | 86.7 | 68.3 | 9.0 | 6.0 | 93.3 | 65.0 |
| 4TH MILLENNIUM SRP (U43) | 9.0 | 7.0 | 94.7 | 75.0 | 9.0 | 7.7 | 93.0 | 76.7 | 9.0 | 7.0 | 94.7 | 63.3 |
| ATF 1704 | 9.0 | 7.3 | 94.7 | 80.0 | 9.0 | 7.7 | 93.3 | 75.0 | 8.3 | 6.0 | 93.3 | 63.3 |
| BULLSEYE | 9.0 | 7.0 | 91.7 | 68.3 | 8.7 | 7.7 | 91.3 | 71.7 | 8.3 | 5.3 | 93.0 | 63.3 |
| F711 | 9.0 | 7.0 | 96.3 | 78.3 | 9.0 | 8.0 | 96.3 | 66.7 | 9.0 | 6.7 | 95.0 | 63.3 |
| FIRECRACKER SLS (PPG-TF-105) | 8.7 | 6.3 | 97.7 | 66.7 | 9.0 | 6.3 | 94.7 | 68.3 | 9.0 | 6.3 | 95.0 | 63.3 |
| JS 916 | 8.7 | 6.7 | 96.0 | 71.7 | 8.7 | 7.3 | 91.7 | 71.7 | 8.3 | 6.3 | 91.7 | 63.3 |
| MICHELANGELO (LTP-F5DPDR) | 8.7 | 6.0 | 93.3 | 63.3 | 8.7 | 6.3 | 91.7 | 68.3 | 8.7 | 6.3 | 90.0 | 63.3 |
| OLYMPUS (RAD-TF-88) | 9.0 | 6.0 | 94.7 | 68.3 | 8.7 | 7.3 | 91.7 | 75.0 | 8.7 | 6.3 | 96.3 | 63.3 |
| RAD-TF-92 | 9.0 | 7.7 | 94.7 | 75.0 | 9.0 | 8.3 | 94.7 | 83.3 | 8.7 | 6.7 | 91.7 | 63.3 |
| REBOUNDER (PICK-W43) | 8.7 | 5.7 | 91.7 | 63.3 | 9.0 | 7.7 | 91.3 | 76.7 | 9.0 | 6.7 | 95.0 | 63.3 |
| ROCKWELL (LTP-TWUU) | 9.0 | 6.7 | 91.7 | 66.7 | 9.0 | 7.3 | 96.0 | 73.3 | 9.0 | 6.3 | 95.0 | 63.3 |
| TRAVERSE 2 SRP (W45) | 9.0 | 6.3 | 94.7 | 68.3 | 8.7 | 7.0 | 91.3 | 75.0 | 9.0 | 7.0 | 94.7 | 63.3 |
| BLACK TAIL (PPG-TF-150) | 9.0 | 6.0 | 90.0 | 61.7 | 8.7 | 7.3 | 91.7 | 70.0 | 9.0 | 5.3 | 95.0 | 61.7 |
| GRANDE 3 | 8.3 | 5.7 | 90.0 | 61.7 | 7.3 | 6.7 | 83.3 | 68.3 | 8.7 | 5.3 | 93.3 | 61.7 |
| KINGDOM (DB1) | 8.3 | 6.0 | 93.3 | 65.0 | 9.0 | 7.3 | 94.7 | 68.3 | 8.7 | 6.3 | 93.3 | 61.7 |
| NIGHTCRAWLER (IS-TF 285) | 8.7 | 6.3 | 91.7 | 63.3 | 9.0 | 6.7 | 88.3 | 68.3 | 9.0 | 6.0 | 91.7 | 61.7 |
| PPG-TF-169 | 8.7 | 5.7 | 93.3 | 63.3 | 8.3 | 6.0 | 83.3 | 53.3 | 8.3 | 5.3 | 90.0 | 61.7 |
| PST-5EX2 | 8.3 | 7.0 | 88.3 | 68.3 | 8.3 | 8.0 | 90.0 | 73.3 | 8.3 | 6.3 | 83.3 | 61.7 |
| TITANIUM 2LS (PPG-TF-152) | 9.0 | 5.7 | 97.7 | 65.0 | 9.0 | 5.7 | 93.0 | 60.0 | 9.0 | 6.3 | 96.3 | 61.7 |
| B23 | 9.0 | 8.3 | 96.3 | 83.3 | 8.7 | 7.0 | 93.3 | 78.3 | 9.0 | 6.3 | 95.0 | 60.0 |
| CATALYST | 9.0 | 7.0 | 94.7 | 76.7 | 9.0 | 7.3 | 90.0 | 70.0 | 9.0 | 6.0 | 93.3 | 60.0 |
| CROSSFIRE 4 (IS-TF 310 SEL) | 9.0 | 6.3 | 93.3 | 66.7 | 8.7 | 6.7 | 89.7 | 66.7 | 8.7 | 5.7 | 95.0 | 60.0 |

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/
2015 DATA

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

| NAME | AFTER TRAFFIC IN SUMMER (AUGUST 18) | | | | BEFORE TRAFFIC ON SEPTEMBER 15 | | | | AFTER TRAFFIC IN FALL (NOVEMBER 4) | | | |
|------------------------------|-------------------------------------|---------|--------------------|---------|--------------------------------|---------|--------------------|---------|------------------------------------|---------|--------------------|---------|
| | 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 |
| DIABLO (IS-TF 330) | 9.0 | 7.0 | 94.7 | 75.0 | 8.0 | 6.3 | 86.3 | 71.7 | 8.7 | 7.0 | 90.0 | 60.0 |
| IS-TF 269 SEL | 9.0 | 6.7 | 95.0 | 75.0 | 8.7 | 7.3 | 90.0 | 76.7 | 8.3 | 5.7 | 83.3 | 60.0 |
| IS-TF 272 | 7.7 | 5.0 | 90.0 | 55.0 | 7.0 | 6.7 | 75.0 | 60.0 | 8.0 | 5.3 | 86.7 | 60.0 |
| IS-TF 308 SEL | 9.0 | 6.7 | 91.7 | 68.3 | 8.3 | 7.3 | 91.3 | 68.3 | 8.3 | 6.3 | 88.3 | 60.0 |
| MAESTRO (T31) | 8.7 | 6.7 | 96.0 | 71.7 | 8.3 | 6.0 | 81.3 | 63.3 | 8.7 | 6.3 | 88.3 | 60.0 |
| MET 1 | 9.0 | 6.0 | 94.7 | 65.0 | 8.7 | 7.0 | 91.7 | 66.7 | 8.7 | 6.3 | 90.0 | 60.0 |
| 'COMMANDER (PPG-TF-170) | 9.0 | 6.7 | 95.0 | 71.7 | 8.3 | 6.3 | 86.7 | 70.0 | 8.7 | 6.3 | 90.0 | 60.0 |
| PSG-P01 | 8.3 | 4.7 | 86.7 | 56.7 | 8.7 | 5.3 | 90.0 | 55.0 | 8.7 | 4.7 | 93.3 | 60.0 |
| RAD-TF-83 | 8.3 | 5.3 | 83.3 | 55.0 | 8.3 | 6.7 | 85.0 | 68.3 | 8.3 | 5.0 | 88.3 | 60.0 |
| CAESAR (TY 10) | 9.0 | 6.3 | 90.0 | 61.7 | 8.7 | 6.0 | 88.3 | 60.0 | 8.7 | 6.0 | 90.0 | 58.3 |
| FIREBIRD 2 | 9.0 | 6.0 | 93.0 | 66.7 | 8.7 | 7.0 | 91.3 | 63.3 | 8.7 | 6.3 | 90.0 | 58.3 |
| GTO (BURL TF-2) | 8.3 | 6.3 | 93.0 | 68.3 | 7.7 | 6.7 | 76.3 | 65.0 | 8.3 | 6.0 | 88.3 | 58.3 |
| HOT ROD (BURL TF-136) | 9.0 | 6.7 | 90.0 | 68.3 | 8.3 | 7.0 | 88.0 | 66.7 | 8.0 | 5.7 | 86.7 | 58.3 |
| HOUNDOG8 (IS-TF 307 SEL) | 9.0 | 5.7 | 96.3 | 68.3 | 9.0 | 6.3 | 93.3 | 60.0 | 9.0 | 5.3 | 88.3 | 58.3 |
| INSPIRATION (PST-R5NW) | 8.0 | 6.3 | 90.0 | 71.7 | 8.3 | 7.3 | 81.7 | 63.3 | 8.0 | 5.0 | 85.0 | 58.3 |
| IS-TF 276 M2 | 8.7 | 6.3 | 91.7 | 60.0 | 8.7 | 7.3 | 85.0 | 70.0 | 8.3 | 5.7 | 88.3 | 58.3 |
| MERIDIAN (PST-5GRB) | 9.0 | 8.0 | 96.3 | 81.7 | 8.7 | 8.3 | 94.3 | 83.3 | 8.3 | 6.0 | 89.7 | 58.3 |
| MET-3 | 9.0 | 6.0 | 91.7 | 63.3 | 8.3 | 6.7 | 85.0 | 66.7 | 8.7 | 6.0 | 90.0 | 58.3 |
| PST-5MVD | 9.0 | 6.3 | 93.3 | 65.0 | 9.0 | 7.0 | 95.0 | 70.0 | 8.3 | 5.3 | 88.3 | 58.3 |
| RAIN DANCE (PST-5SDT) | 9.0 | 6.7 | 95.0 | 70.0 | 8.7 | 7.3 | 88.3 | 73.3 | 8.0 | 5.7 | 86.7 | 58.3 |
| SALTILLO (PST-5SALT) | 9.0 | 7.0 | 94.7 | 66.7 | 9.0 | 7.3 | 93.3 | 78.3 | 8.3 | 6.0 | 90.0 | 58.3 |
| TECHNIQUE (RZ2) | 9.0 | 7.3 | 91.3 | 76.7 | 8.0 | 7.0 | 86.3 | 71.7 | 8.7 | 6.3 | 94.7 | 58.3 |
| ATF 1754 | 9.0 | 5.3 | 91.7 | 55.0 | 8.7 | 6.3 | 86.7 | 58.3 | 8.7 | 5.3 | 90.0 | 56.7 |
| FAYETTE (IS-TF 291) | 8.7 | 8.0 | 95.0 | 83.3 | 8.7 | 8.3 | 94.7 | 76.7 | 9.0 | 6.7 | 90.0 | 56.7 |
| JS 809 | 8.7 | 5.7 | 91.3 | 61.7 | 8.3 | 6.0 | 90.0 | 66.7 | 8.7 | 6.7 | 88.3 | 56.7 |
| PPG-TF-138 | 8.7 | 6.3 | 91.7 | 63.3 | 8.0 | 5.7 | 80.0 | 58.3 | 8.3 | 5.7 | 86.7 | 56.7 |
| ROWDY (SRX-TPC) | 9.0 | 6.7 | 95.0 | 70.0 | 9.0 | 7.0 | 96.3 | 78.3 | 9.0 | 6.0 | 96.0 | 56.7 |
| SWAGGER (PST-5R05) | 8.7 | 6.7 | 93.3 | 68.3 | 8.7 | 7.7 | 96.3 | 75.0 | 8.7 | 5.0 | 90.0 | 56.7 |
| TURFWAY (IS-TF 282 M2) | 9.0 | 5.7 | 93.3 | 61.7 | 9.0 | 6.3 | 93.3 | 61.7 | 9.0 | 6.3 | 93.3 | 56.7 |
| AVENGER II (PPG-TF-156) | 9.0 | 7.7 | 99.0 | 83.3 | 8.7 | 7.7 | 91.3 | 70.0 | 8.7 | 5.3 | 90.0 | 55.0 |
| FESNOVA | 9.0 | 6.0 | 88.3 | 61.7 | 9.0 | 7.0 | 93.3 | 66.7 | 8.3 | 5.7 | 90.0 | 55.0 |
| FOXHOUND (IS-TF 284 M2) | 8.7 | 6.3 | 88.3 | 66.7 | 8.3 | 7.3 | 85.0 | 71.7 | 9.0 | 6.3 | 90.0 | 55.0 |
| FRONTLINE (EXP TF-09) | 7.3 | 4.3 | 78.3 | 46.7 | 6.7 | 5.3 | 76.7 | 61.7 | 7.7 | 4.7 | 86.7 | 55.0 |
| JS 818 | 9.0 | 5.7 | 91.7 | 61.7 | 8.7 | 7.0 | 95.0 | 63.3 | 8.7 | 5.3 | 90.0 | 55.0 |
| LEONARDO (LTP-FSD) | 9.0 | 6.0 | 93.3 | 70.0 | 9.0 | 7.7 | 94.7 | 73.3 | 8.7 | 5.7 | 90.0 | 55.0 |
| PSG-TT4 | 8.3 | 5.7 | 86.7 | 61.7 | 8.3 | 6.7 | 86.7 | 63.3 | 7.7 | 4.7 | 83.3 | 55.0 |
| REGENERATE | 9.0 | 8.0 | 91.7 | 81.7 | 7.7 | 7.0 | 81.7 | 73.3 | 9.0 | 6.0 | 93.3 | 55.0 |
| RHIZING MOON (IS-TF 305 SEL) | 8.7 | 5.7 | 91.3 | 63.3 | 8.0 | 6.3 | 86.7 | 65.0 | 8.3 | 6.0 | 80.0 | 55.0 |
| TERRANO | 9.0 | 5.7 | 91.7 | 60.0 | 9.0 | 6.7 | 95.0 | 66.7 | 9.0 | 5.0 | 90.0 | 55.0 |
| 204 RES. BLK4 | 8.7 | 4.3 | 88.3 | 51.7 | 8.3 | 5.7 | 90.0 | 63.3 | 9.0 | 5.0 | 91.3 | 53.3 |
| AQUADUCT | 7.7 | 6.0 | 81.7 | 61.7 | 8.0 | 7.0 | 83.3 | 66.7 | 8.3 | 6.0 | 85.0 | 53.3 |
| ATF 1612 | 9.0 | 7.7 | 93.3 | 76.7 | 8.3 | 7.3 | 90.0 | 65.0 | 8.7 | 5.3 | 91.7 | 53.3 |
| ATF 1736 | 9.0 | 5.3 | 91.7 | 53.3 | 8.7 | 6.3 | 88.3 | 58.3 | 8.3 | 5.3 | 90.0 | 53.3 |
| BAR FA 121095 | 8.7 | 5.7 | 93.3 | 60.0 | 9.0 | 6.3 | 85.0 | 61.7 | 8.7 | 5.0 | 86.7 | 53.3 |
| THOR (PPG-TF-157) | 9.0 | 6.0 | 93.0 | 66.7 | 9.0 | 7.0 | 93.3 | 60.0 | 9.0 | 4.7 | 91.7 | 53.3 |

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/
2015 DATA

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

| NAME | AFTER TRAFFIC IN SUMMER (AUGUST 18) | | | | BEFORE TRAFFIC ON SEPTEMBER 15 | | | | AFTER TRAFFIC IN FALL (NOVEMBER 4) | | | |
|--------------------------|-------------------------------------|---------|--------------------|---------|--------------------------------|---------|--------------------|---------|------------------------------------|---------|--------------------|---------|
| | 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 |
| W41 | 9.0 | 6.7 | 94.7 | 70.0 | 8.3 | 7.0 | 84.7 | 61.7 | 8.7 | 5.0 | 90.0 | 53.3 |
| ANNIHILATOR | 8.3 | 5.7 | 81.7 | 58.3 | 8.3 | 6.7 | 83.3 | 68.3 | 8.0 | 4.7 | 86.7 | 51.7 |
| FIREWALL (PSG-WE1) | 8.3 | 6.0 | 91.3 | 66.7 | 6.7 | 5.7 | 71.7 | 60.0 | 7.0 | 5.0 | 76.7 | 51.7 |
| BAR FA 121091 | 8.0 | 6.3 | 83.0 | 65.0 | 8.0 | 7.0 | 81.7 | 73.3 | 8.3 | 5.3 | 85.0 | 50.0 |
| BLOODHOUND (MET 6 SEL) | 9.0 | 5.7 | 97.7 | 63.3 | 9.0 | 6.0 | 96.3 | 61.7 | 9.0 | 5.0 | 94.7 | 50.0 |
| DYNAMITE LS (PPG-TF-145) | 8.3 | 5.3 | 93.3 | 53.3 | 8.7 | 6.0 | 93.0 | 61.7 | 9.0 | 5.7 | 86.7 | 50.0 |
| JS 819 | 7.7 | 5.0 | 81.7 | 58.3 | 7.7 | 6.0 | 76.7 | 65.0 | 8.0 | 5.3 | 83.3 | 50.0 |
| JS 825 | 7.7 | 5.3 | 85.0 | 61.7 | 7.7 | 6.0 | 86.7 | 61.7 | 8.0 | 5.0 | 81.7 | 50.0 |
| PST-5DZP | 9.0 | 5.3 | 91.7 | 60.0 | 8.3 | 6.0 | 85.0 | 63.3 | 8.0 | 4.7 | 85.0 | 50.0 |
| UNITUS (IS-TF 289) | 8.7 | 6.0 | 91.7 | 65.0 | 8.0 | 6.7 | 81.3 | 61.7 | 8.0 | 5.0 | 85.0 | 50.0 |
| WICHITA (PPG-TF-151) | 9.0 | 5.7 | 93.3 | 65.0 | 9.0 | 6.3 | 94.7 | 65.0 | 9.0 | 4.7 | 93.3 | 50.0 |
| ARES (PPG-TF-142) | 8.7 | 5.3 | 90.0 | 56.7 | 8.3 | 6.0 | 86.7 | 65.0 | 8.7 | 5.3 | 88.3 | 48.3 |
| BAR FA 121089 | 8.3 | 4.3 | 86.7 | 48.3 | 8.3 | 6.0 | 86.7 | 60.0 | 8.3 | 4.3 | 90.0 | 48.3 |
| FAITH | 8.0 | 5.0 | 88.3 | 56.7 | 6.7 | 6.3 | 68.3 | 56.7 | 7.7 | 4.7 | 78.3 | 48.3 |
| FALCON IV | 8.3 | 5.7 | 88.3 | 56.7 | 8.0 | 6.3 | 86.7 | 68.3 | 8.3 | 4.3 | 85.0 | 48.3 |
| K12-05 | 9.0 | 6.3 | 96.3 | 68.3 | 8.7 | 6.3 | 95.0 | 65.0 | 9.0 | 5.3 | 93.3 | 48.3 |
| PPG-TF-115 | 8.3 | 6.0 | 93.0 | 61.7 | 8.0 | 7.3 | 80.0 | 60.0 | 8.0 | 5.3 | 85.0 | 48.3 |
| BAR FA 120878 | 7.0 | 5.3 | 65.0 | 50.0 | 6.3 | 5.7 | 65.0 | 55.0 | 7.0 | 4.7 | 71.7 | 46.7 |
| MARAUDER | 8.0 | 4.7 | 86.7 | 48.3 | 8.3 | 5.7 | 88.0 | 55.0 | 8.3 | 4.0 | 90.0 | 46.7 |
| TEMPTATION (OR-21) | 8.0 | 4.0 | 85.0 | 45.0 | 7.3 | 4.7 | 76.7 | 45.0 | 8.0 | 4.3 | 83.3 | 46.7 |
| FALCON V | 9.0 | 6.3 | 91.7 | 68.3 | 8.3 | 4.7 | 90.0 | 53.3 | 8.3 | 4.7 | 91.7 | 43.3 |
| PARAMOUNT (PPG-TF-137) | 8.7 | 6.0 | 93.0 | 63.3 | 8.3 | 6.0 | 90.0 | 58.3 | 8.3 | 4.3 | 90.0 | 43.3 |
| THUNDERSTRUCK (TD1) | 9.0 | 4.0 | 91.7 | 50.0 | 8.3 | 4.7 | 88.0 | 50.0 | 8.0 | 4.7 | 86.7 | 43.3 |
| WARHAWK | 7.7 | 4.7 | 78.3 | 50.0 | 8.0 | 6.0 | 80.0 | 60.0 | 8.3 | 3.7 | 81.7 | 41.7 |
| AMITY (CCR2) | 9.0 | 5.3 | 91.7 | 55.0 | 8.3 | 5.0 | 88.0 | 50.0 | 8.7 | 4.0 | 88.3 | 40.0 |
| KY-31 | 6.0 | 4.0 | 58.3 | 36.7 | 5.7 | 5.0 | 63.3 | 46.7 | 6.0 | 3.3 | 61.7 | 31.7 |
| LSD VALUE | 0.8 | 2.4 | 9.2 | 20.1 | 2.3 | 2.3 | 38.9 | 28.0 | 1.7 | 2.7 | 13.4 | 29.7 |
| C.V. (%) | 5.6 | 18.4 | 5.9 | 15.8 | 10.3 | 15.7 | 11.9 | 15.9 | 8.0 | 20.0 | 7.1 | 18.6 |

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 18.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT ADELPHIA, NJ 1/
2015 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF SPOT | BROWN PATCH WARM TEMP. | QUALITY RATINGS | | | | | | | MEAN |
|------------------------------|------------------|-------------------|--------------|---------------------------|-----------------|-----|-----|-----|-----|-----|-----|------|
| | | | | | APR | MAY | JUN | JUL | AUG | SEP | OCT | |
| REGENERATE | 5.3 | 6.0 | 6.0 | 6.3 | 6.7 | 7.0 | 6.7 | 6.7 | 7.0 | 7.0 | 7.0 | 6.9 |
| AMITY (CCR2) | 6.0 | 6.0 | 5.0 | 7.3 | 7.3 | 6.0 | 5.3 | 7.0 | 6.7 | 6.0 | 6.7 | 6.4 |
| REBOUNDER (PICK-W43) | 5.7 | 7.3 | 5.7 | 6.7 | 7.0 | 6.0 | 6.3 | 7.0 | 6.3 | 5.7 | 6.3 | 6.4 |
| THOR (PPG-TF-157) | 7.0 | 3.7 | 7.0 | 6.3 | 5.0 | 8.0 | 6.3 | 5.7 | 7.7 | 6.3 | 5.7 | 6.4 |
| 4TH MILLENNIUM SRP (U43) | 5.3 | 6.3 | 5.3 | 5.7 | 6.0 | 6.3 | 6.3 | 5.7 | 6.3 | 6.0 | 7.0 | 6.2 |
| B23 | 5.3 | 5.3 | 5.3 | 6.3 | 5.7 | 6.7 | 6.7 | 6.0 | 6.7 | 5.7 | 5.7 | 6.1 |
| TRAVERSE 2 SRP (W45) | 5.7 | 4.7 | 6.0 | 6.0 | 6.7 | 6.7 | 6.0 | 6.0 | 5.7 | 5.7 | 6.0 | 6.1 |
| FAYETTE (IS-TF 291) | 7.7 | 5.3 | 7.0 | 5.7 | 6.3 | 6.7 | 6.3 | 5.3 | 6.3 | 5.3 | 5.3 | 6.0 |
| PPG-TF-135 | 5.3 | 4.7 | 5.3 | 5.3 | 6.0 | 6.7 | 5.7 | 5.7 | 5.3 | 6.0 | 5.7 | 5.9 |
| PARAMOUNT (PPG-TF-137) | 4.7 | 5.7 | 5.0 | 5.7 | 7.0 | 6.7 | 5.7 | 5.0 | 5.3 | 5.7 | 5.7 | 5.9 |
| 'COMMANDER (PPG-TF-170) | 5.7 | 6.0 | 5.0 | 5.3 | 7.0 | 6.0 | 5.7 | 4.7 | 5.3 | 6.3 | 6.0 | 5.9 |
| TITANIUM 2LS (PPG-TF-152) | 5.3 | 4.7 | 5.7 | 6.3 | 6.0 | 6.3 | 5.3 | 5.3 | 6.0 | 5.7 | 6.3 | 5.9 |
| AVENGER II (PPG-TF-156) | 5.7 | 5.7 | 3.7 | 6.7 | 6.0 | 5.0 | 5.7 | 6.7 | 5.3 | 6.0 | 6.0 | 5.8 |
| MET-3 | 5.3 | 6.3 | 5.3 | 5.3 | 7.3 | 6.0 | 5.3 | 4.3 | 5.3 | 5.7 | 6.3 | 5.8 |
| PSG-PO1 | 5.3 | 6.0 | 5.7 | 5.3 | 6.3 | 6.3 | 6.0 | 6.0 | 4.7 | 5.0 | 6.0 | 5.8 |
| RAPTOR III (ZW 44) | 5.0 | 5.3 | 4.7 | 6.0 | 6.3 | 6.0 | 5.3 | 5.7 | 6.0 | 5.3 | 6.0 | 5.8 |
| ROCKWELL (LTP-TWUU) | 5.7 | 6.3 | 5.3 | 5.7 | 6.7 | 5.3 | 5.7 | 6.3 | 6.3 | 5.7 | 4.7 | 5.8 |
| FIRECRACKER SLS (PPG-TF-105) | 6.0 | 5.0 | 6.7 | 6.3 | 5.7 | 6.7 | 6.3 | 6.0 | 5.3 | 5.0 | 5.0 | 5.7 |
| FIREWALL (PSG-WE1) | 5.7 | 5.7 | 5.0 | 5.0 | 6.7 | 6.7 | 5.7 | 4.3 | 5.7 | 5.3 | 5.7 | 5.7 |
| HOT ROD (BURL TF-136) | 6.0 | 6.0 | 4.3 | 6.0 | 6.3 | 5.3 | 6.0 | 5.7 | 5.3 | 5.3 | 5.7 | 5.7 |
| IS-TF 269 SEL | 7.7 | 4.3 | 7.3 | 5.3 | 5.7 | 7.0 | 5.7 | 5.7 | 5.7 | 5.3 | 4.7 | 5.7 |
| REFLECTION (U45) | 5.0 | 4.7 | 6.3 | 5.3 | 6.0 | 6.0 | 5.7 | 5.0 | 6.0 | 5.7 | 5.7 | 5.7 |
| ATF 1612 | 5.7 | 6.0 | 4.0 | 5.3 | 6.3 | 5.7 | 5.7 | 5.0 | 5.7 | 4.7 | 6.0 | 5.6 |
| MET 1 | 5.3 | 6.3 | 4.3 | 5.0 | 6.7 | 4.7 | 4.7 | 5.0 | 6.7 | 6.0 | 5.7 | 5.6 |
| PPG-TF-172 | 6.0 | 5.0 | 6.0 | 4.0 | 6.7 | 6.7 | 5.7 | 3.7 | 5.3 | 5.3 | 5.7 | 5.6 |
| TEMPLE (DZ1) | 6.3 | 4.7 | 6.3 | 4.7 | 5.3 | 7.0 | 5.0 | 5.0 | 5.7 | 5.3 | 5.7 | 5.6 |
| DIABLO (IS-TF 330) | 7.3 | 3.7 | 7.3 | 4.7 | 5.3 | 6.7 | 6.7 | 4.7 | 5.7 | 5.0 | 4.7 | 5.5 |
| FIREBIRD 2 | 5.7 | 5.3 | 6.0 | 4.7 | 6.3 | 6.7 | 5.3 | 4.0 | 4.7 | 4.7 | 7.0 | 5.5 |
| CROSSFIRE 4 (IS-TF 310 SEL) | 6.3 | 3.7 | 6.3 | 4.3 | 5.3 | 6.3 | 6.0 | 5.0 | 5.3 | 5.0 | 5.7 | 5.5 |
| IS-TF 311 | 5.7 | 5.3 | 5.3 | 5.3 | 5.7 | 5.7 | 5.7 | 5.3 | 5.3 | 5.3 | 5.3 | 5.5 |
| KINGDOM (DB1) | 7.7 | 3.3 | 7.3 | 3.7 | 5.3 | 7.3 | 6.3 | 4.0 | 5.0 | 5.0 | 5.3 | 5.5 |
| ROWDY (SRX-TPC) | 5.3 | 4.3 | 6.0 | 5.7 | 5.3 | 6.3 | 6.0 | 5.7 | 4.7 | 5.3 | 5.3 | 5.5 |
| BLACK TAIL (PPG-TF-150) | 5.3 | 5.3 | 6.7 | 4.7 | 6.7 | 6.3 | 5.3 | 3.7 | 4.7 | 5.3 | 5.7 | 5.4 |
| HEMI | 5.7 | 5.0 | 5.0 | 5.0 | 6.7 | 5.7 | 5.7 | 5.0 | 4.3 | 5.3 | 5.3 | 5.4 |
| IS-TF 308 SEL | 6.7 | 4.7 | 6.7 | 5.0 | 5.0 | 6.7 | 6.7 | 3.7 | 5.7 | 5.0 | 5.3 | 5.4 |
| TECHNIQUE (RZ2) | 4.0 | 5.3 | 4.3 | 6.3 | 5.3 | 5.3 | 5.3 | 5.7 | 5.0 | 5.3 | 5.7 | 5.4 |
| ATF 1754 | 4.0 | 6.0 | 4.3 | 5.0 | 6.7 | 4.7 | 5.3 | 5.0 | 4.7 | 5.3 | 5.7 | 5.3 |
| F711 | 4.7 | 6.3 | 5.7 | 5.0 | 6.0 | 5.3 | 5.3 | 5.0 | 5.3 | 4.7 | 5.3 | 5.3 |
| GTO (BURL TF-2) | 6.0 | 6.3 | 3.3 | 5.0 | 6.3 | 4.3 | 5.3 | 5.0 | 5.3 | 5.3 | 5.3 | 5.3 |
| MAESTRO (T31) | 5.3 | 5.3 | 4.3 | 6.7 | 5.7 | 5.0 | 5.0 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 |
| BLOODHOUND (MET 6 SEL) | 3.7 | 5.7 | 3.3 | 6.0 | 5.0 | 5.0 | 5.3 | 6.0 | 5.3 | 5.7 | 5.0 | 5.3 |
| WICHITA (PPG-TF-151) | 5.3 | 4.7 | 5.3 | 5.3 | 6.0 | 5.7 | 5.0 | 4.7 | 5.3 | 5.0 | 5.3 | 5.3 |
| SCREAMER LS (PPG-TF-148) | 4.7 | 6.3 | 4.7 | 4.7 | 6.0 | 5.0 | 5.3 | 4.3 | 5.3 | 5.7 | 5.7 | 5.3 |
| BIZEM | 6.0 | 5.3 | 6.0 | 4.7 | 6.3 | 6.3 | 5.0 | 4.3 | 4.7 | 5.0 | 5.0 | 5.2 |
| FAITH | 7.0 | 5.7 | 5.7 | 4.7 | 6.0 | 5.0 | 6.0 | 4.3 | 5.0 | 5.0 | 5.0 | 5.2 |

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/
2015 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF SPOT | BROWN PATCH WARM TEMP. | QUALITY RATINGS | | | | | | | MEAN |
|------------------------------|------------------|-------------------|--------------|---------------------------|-----------------|-----|-----|-----|-----|-----|-----|------|
| | | | | | APR | MAY | JUN | JUL | AUG | SEP | OCT | |
| FOXHOUND (IS-TF 284 M2) | 8.7 | 4.0 | 7.7 | 3.3 | 5.0 | 7.3 | 6.7 | 3.7 | 4.3 | 5.0 | 4.7 | 5.2 |
| GRANDE 3 | 6.3 | 7.3 | 4.0 | 5.7 | 5.7 | 4.3 | 4.7 | 6.0 | 5.0 | 5.3 | 5.7 | 5.2 |
| OLYMPUS (RAD-TF-88) | 6.3 | 5.3 | 5.0 | 4.0 | 6.3 | 6.3 | 5.7 | 3.7 | 4.3 | 4.3 | 5.7 | 5.2 |
| THUNDERSTRUCK (TD1) | 7.7 | 3.3 | 5.7 | 4.3 | 4.7 | 6.3 | 6.7 | 3.7 | 5.0 | 4.7 | 5.3 | 5.2 |
| TURFWAY (IS-TF 282 M2) | 8.7 | 4.7 | 7.3 | 5.0 | 5.3 | 7.0 | 5.7 | 4.7 | 4.0 | 4.3 | 5.3 | 5.2 |
| EMBRACE (PST-5EV2) | 3.7 | 5.7 | 5.0 | 5.3 | 6.3 | 5.0 | 5.3 | 4.7 | 4.7 | 4.7 | 5.3 | 5.1 |
| JS 916 | 5.7 | 5.0 | 5.0 | 5.3 | 5.7 | 6.3 | 4.7 | 5.3 | 5.0 | 4.0 | 5.0 | 5.1 |
| ATF 1704 | 4.0 | 5.3 | 4.0 | 5.7 | 5.0 | 4.3 | 5.3 | 5.7 | 4.3 | 5.3 | 5.3 | 5.0 |
| BULLSEYE | 6.0 | 5.7 | 5.7 | 3.7 | 5.3 | 5.7 | 5.7 | 4.0 | 4.7 | 4.7 | 5.3 | 5.0 |
| FALCON V | 4.3 | 6.3 | 3.7 | 4.7 | 5.0 | 5.0 | 5.0 | 4.7 | 4.3 | 4.7 | 6.3 | 5.0 |
| NIGHTCRAWLER (IS-TF 285) | 7.7 | 3.7 | 6.0 | 4.3 | 5.0 | 5.7 | 6.3 | 4.0 | 4.7 | 4.3 | 4.7 | 5.0 |
| UNITUS (IS-TF 289) | 7.7 | 3.0 | 6.7 | 4.3 | 5.0 | 6.7 | 6.0 | 3.7 | 4.0 | 4.3 | 5.0 | 5.0 |
| JS 818 | 8.3 | 2.3 | 6.7 | 5.0 | 5.3 | 6.7 | 6.0 | 4.3 | 4.3 | 4.0 | 4.3 | 5.0 |
| K12-05 | 7.7 | 4.0 | 5.7 | 4.0 | 4.0 | 5.7 | 6.0 | 4.3 | 5.0 | 5.3 | 4.7 | 5.0 |
| LEONARDO (LTP-FSD) | 4.3 | 5.0 | 4.3 | 5.0 | 5.7 | 4.3 | 5.0 | 4.3 | 5.3 | 4.7 | 5.3 | 5.0 |
| MICHELANGELO (LTP-F5DPDR) | 4.3 | 4.7 | 5.0 | 5.3 | 6.0 | 4.3 | 5.3 | 5.3 | 4.7 | 5.3 | 4.3 | 5.0 |
| RAD-TF-83 | 7.0 | 4.7 | 6.0 | 4.0 | 5.3 | 6.3 | 6.0 | 4.0 | 4.3 | 4.3 | 5.0 | 5.0 |
| RAD-TF-92 | 5.7 | 4.7 | 4.7 | 4.0 | 5.0 | 5.7 | 5.7 | 4.0 | 5.3 | 4.3 | 4.7 | 5.0 |
| RHAMBLER 2 SRP (LSD) | 4.7 | 4.0 | 5.7 | 5.3 | 5.0 | 5.7 | 5.7 | 5.0 | 4.7 | 4.3 | 4.7 | 5.0 |
| W41 | 6.3 | 5.0 | 5.0 | 4.3 | 6.0 | 5.7 | 5.3 | 3.7 | 4.3 | 5.0 | 5.0 | 5.0 |
| IS-TF 272 | 7.7 | 3.0 | 6.3 | 4.3 | 4.3 | 5.7 | 6.0 | 4.3 | 4.3 | 4.3 | 5.3 | 4.9 |
| HOUND08 (IS-TF 307 SEL) | 7.0 | 4.0 | 7.0 | 3.7 | 4.7 | 6.0 | 6.0 | 3.7 | 5.0 | 4.3 | 4.7 | 4.9 |
| K12-MCD | 4.0 | 5.3 | 4.7 | 5.7 | 5.0 | 5.0 | 5.7 | 4.7 | 4.3 | 4.7 | 5.0 | 4.9 |
| MERIDIAN (PST-5GRB) | 5.0 | 5.7 | 5.0 | 3.0 | 5.7 | 5.7 | 5.0 | 2.7 | 4.0 | 5.0 | 6.0 | 4.9 |
| PPG-TF-138 | 5.3 | 5.0 | 4.3 | 5.0 | 5.0 | 4.7 | 5.3 | 4.7 | 4.3 | 5.3 | 5.0 | 4.9 |
| PPG-TF-169 | 4.3 | 7.3 | 3.7 | 5.3 | 6.0 | 4.0 | 4.3 | 4.7 | 4.7 | 5.7 | 5.0 | 4.9 |
| RAD-TF-89 | 6.7 | 4.7 | 4.0 | 4.0 | 5.3 | 5.0 | 5.0 | 4.3 | 5.0 | 4.3 | 5.3 | 4.9 |
| XTENDER (PPG-TF-139) | 6.0 | 5.0 | 6.0 | 5.7 | 5.3 | 5.7 | 4.7 | 4.3 | 4.7 | 4.7 | 5.0 | 4.9 |
| BAR FA 121095 | 6.0 | 3.7 | 7.0 | 3.7 | 5.3 | 6.0 | 5.0 | 3.7 | 4.0 | 5.0 | 4.7 | 4.8 |
| IS-TF-287 | 5.7 | 4.0 | 5.3 | 4.3 | 5.0 | 5.0 | 5.7 | 4.0 | 4.3 | 5.0 | 4.7 | 4.8 |
| ARES (PPG-TF-142) | 7.3 | 3.3 | 7.3 | 3.3 | 4.3 | 6.0 | 6.3 | 3.7 | 4.0 | 4.0 | 4.7 | 4.7 |
| ATF 1736 | 5.0 | 6.3 | 4.7 | 4.7 | 6.0 | 4.7 | 4.7 | 4.3 | 4.0 | 4.7 | 4.7 | 4.7 |
| CATALYST | 2.7 | 6.0 | 3.3 | 4.7 | 5.7 | 4.7 | 4.7 | 4.3 | 4.0 | 4.7 | 5.0 | 4.7 |
| COMP. RES. SST | 5.3 | 4.0 | 5.0 | 3.0 | 5.0 | 5.3 | 5.3 | 3.0 | 4.7 | 4.0 | 5.3 | 4.7 |
| HOVER (BURL TF-69) | 6.3 | 5.0 | 4.7 | 4.3 | 5.3 | 5.0 | 5.3 | 3.0 | 4.7 | 4.3 | 5.3 | 4.7 |
| TERRANO | 6.0 | 4.7 | 5.7 | 5.0 | 5.3 | 5.7 | 5.3 | 5.3 | 3.7 | 3.3 | 4.0 | 4.7 |
| FESNOVA | 6.3 | 4.3 | 5.3 | 5.0 | 4.7 | 5.7 | 5.0 | 4.3 | 3.7 | 4.3 | 4.7 | 4.6 |
| RHIZING MOON (IS-TF 305 SEL) | 7.7 | 4.0 | 6.0 | 4.0 | 4.0 | 5.7 | 5.0 | 4.0 | 4.3 | 4.7 | 4.7 | 4.6 |
| PPG-TF-115 | 6.7 | 4.0 | 5.7 | 3.7 | 5.0 | 5.3 | 5.7 | 4.0 | 4.0 | 4.0 | 4.3 | 4.6 |
| PST-5DZP | 6.7 | 4.3 | 5.7 | 3.3 | 6.0 | 5.0 | 5.7 | 3.0 | 4.0 | 4.0 | 4.7 | 4.6 |
| TEMPTATION (OR-21) | 8.7 | 4.3 | 6.7 | 4.0 | 5.0 | 5.0 | 5.7 | 3.7 | 4.3 | 4.0 | 4.3 | 4.6 |
| IS-TF 276 M2 | 7.7 | 4.0 | 5.3 | 3.7 | 5.0 | 4.7 | 5.3 | 4.3 | 3.3 | 4.3 | 4.3 | 4.5 |
| PSG-8BP2 | 7.0 | 4.0 | 4.7 | 4.0 | 4.7 | 4.7 | 4.7 | 4.0 | 4.3 | 4.0 | 5.0 | 4.5 |
| PST-5BPO | 3.0 | 5.0 | 4.3 | 4.7 | 4.7 | 4.3 | 4.7 | 5.3 | 3.7 | 4.3 | 4.3 | 4.5 |
| CAESAR (TY 10) | 7.7 | 4.7 | 6.0 | 4.0 | 4.3 | 5.0 | 5.0 | 3.7 | 3.3 | 4.3 | 5.0 | 4.4 |

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/
2015 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | LEAF SPOT | BROWN PATCH WARM TEMP. | APR | MAY | QUALITY RATINGS | | | | | MEAN |
|--------------------------|------------------|-------------------|--------------|---------------------------|------|------|-----------------|------|------|------|------|------|
| | | | | | | | JUN | JUL | AUG | SEP | OCT | |
| PST-5BRK | 4.0 | 4.7 | 4.7 | 5.3 | 4.0 | 4.7 | 5.3 | 4.7 | 3.7 | 4.3 | 4.3 | 4.4 |
| PST-5MVD | 4.3 | 5.0 | 4.7 | 3.7 | 5.0 | 5.0 | 5.0 | 3.3 | 4.0 | 4.3 | 4.3 | 4.4 |
| SWAGGER (PST-5R05) | 4.0 | 4.0 | 5.7 | 5.0 | 5.3 | 4.7 | 4.7 | 4.3 | 3.7 | 4.0 | 4.0 | 4.4 |
| SALTILLO (PST-5SALT) | 4.3 | 4.0 | 5.0 | 4.3 | 5.0 | 4.7 | 4.7 | 4.0 | 3.3 | 4.7 | 4.0 | 4.3 |
| PSG-TT4 | 5.0 | 4.0 | 5.0 | 3.7 | 4.7 | 4.7 | 4.3 | 4.0 | 4.0 | 3.7 | 4.3 | 4.2 |
| BAR FA 121089 | 6.0 | 4.3 | 5.0 | 3.7 | 4.7 | 4.0 | 4.3 | 3.3 | 3.7 | 4.3 | 4.3 | 4.1 |
| MEMPHIS (GO-DFR) | 7.0 | 3.0 | 5.7 | 3.7 | 4.0 | 4.7 | 5.0 | 3.0 | 3.7 | 4.0 | 4.3 | 4.1 |
| JS 819 | 7.3 | 2.7 | 5.3 | 4.0 | 4.0 | 5.3 | 5.3 | 3.0 | 3.7 | 3.3 | 4.0 | 4.1 |
| RAIN DANCE (PST-5SDT) | 3.7 | 5.7 | 4.3 | 4.3 | 4.3 | 4.0 | 5.0 | 4.0 | 3.3 | 4.3 | 4.0 | 4.1 |
| 204 RES. BLK4 | 4.3 | 5.0 | 5.0 | 2.3 | 4.3 | 5.0 | 5.0 | 2.3 | 3.0 | 3.0 | 5.7 | 4.0 |
| ANNIHILATOR | 5.7 | 3.0 | 5.3 | 3.3 | 4.0 | 4.7 | 4.7 | 3.0 | 3.0 | 3.7 | 5.0 | 4.0 |
| DYNAMITE LS (PPG-TF-145) | 7.3 | 2.7 | 7.0 | 4.0 | 4.0 | 4.0 | 5.0 | 3.7 | 3.3 | 4.0 | 4.3 | 4.0 |
| FRONTLINE (EXP TF-09) | 7.7 | 4.3 | 6.7 | 2.7 | 4.7 | 5.3 | 4.7 | 2.7 | 3.3 | 3.3 | 4.3 | 4.0 |
| MARAUDER | 5.0 | 4.3 | 5.0 | 2.7 | 4.3 | 5.0 | 5.0 | 2.3 | 3.0 | 3.3 | 5.0 | 4.0 |
| JS 809 | 8.0 | 3.0 | 4.0 | 2.7 | 3.7 | 4.0 | 5.3 | 3.0 | 3.0 | 4.0 | 4.3 | 3.9 |
| PSG-GSD | 4.0 | 5.0 | 3.7 | 3.7 | 4.7 | 3.7 | 4.7 | 3.3 | 3.3 | 3.7 | 4.0 | 3.9 |
| BAR FA 121091 | 7.7 | 3.3 | 5.0 | 3.7 | 4.0 | 3.3 | 4.7 | 3.0 | 2.7 | 3.7 | 4.3 | 3.7 |
| FALCON IV | 5.3 | 4.3 | 4.7 | 3.7 | 4.7 | 3.7 | 4.3 | 3.0 | 2.0 | 3.3 | 4.0 | 3.6 |
| K12-13 | 7.7 | 2.3 | 4.0 | 3.0 | 3.7 | 4.3 | 5.3 | 2.7 | 3.3 | 2.3 | 3.7 | 3.6 |
| PST-5EX2 | 2.0 | 7.3 | 4.0 | 5.0 | 3.3 | 3.0 | 3.3 | 4.3 | 3.0 | 3.7 | 3.7 | 3.5 |
| AQUADUCT | 4.7 | 3.7 | 3.3 | 2.7 | 4.0 | 3.3 | 4.0 | 3.0 | 2.3 | 3.3 | 4.0 | 3.4 |
| WARHAWK | 6.3 | 3.3 | 5.3 | 2.3 | 4.0 | 3.3 | 5.3 | 2.3 | 2.3 | 2.3 | 4.3 | 3.4 |
| INSPIRATION (PST-R5NW) | 4.7 | 4.0 | 4.7 | 3.0 | 4.3 | 3.0 | 4.0 | 2.7 | 2.7 | 3.3 | 3.3 | 3.3 |
| JS 825 | 7.0 | 2.7 | 5.7 | 2.7 | 3.7 | 3.3 | 4.0 | 3.0 | 2.3 | 3.0 | 2.7 | 3.1 |
| BAR FA 120878 | 3.0 | 5.0 | 4.3 | 2.3 | 3.0 | 1.7 | 2.0 | 2.0 | 1.3 | 1.7 | 2.0 | 2.0 |
| KY-31 | 1.0 | 7.0 | 3.3 | 3.0 | 1.0 | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.3 |
| LSD VALUE | 1.4 | 1.1 | 1.5 | 1.8 | 1.5 | 1.6 | 1.1 | 1.7 | 1.4 | 1.2 | 1.0 | 0.7 |
| C.V. (%) | 15.9 | 14.6 | 17.5 | 22.7 | 17.0 | 18.0 | 13.1 | 22.8 | 19.9 | 16.4 | 13.1 | 9.3 |

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 19.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT STILLWATER, OK 1/
2015 DATA

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

| NAME | GENETIC COLOR | LEAF TEXTURE | QUALITY RATINGS | | | | | | | | | |
|-----------------------------|------------------|-----------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | | | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | MEAN |
| EMBRACE (PST-5EV2) | 7.7 | 6.3 | 6.7 | 7.0 | 6.7 | 5.7 | 4.7 | 5.0 | 5.0 | 5.3 | 4.3 | 5.6 |
| AVENGER II (PPG-TF-156) | 7.7 | 6.0 | 5.0 | 6.3 | 6.7 | 5.3 | 5.0 | 4.3 | 5.3 | 5.0 | 4.3 | 5.3 |
| CROSSFIRE 4 (IS-TF 310 SEL) | 8.0 | 6.3 | 5.7 | 7.0 | 6.7 | 5.3 | 4.3 | 4.0 | 5.0 | 5.0 | 3.7 | 5.2 |
| K12-MCD | 7.7 | 6.0 | 5.3 | 5.7 | 6.3 | 5.3 | 4.0 | 4.0 | 4.7 | 5.3 | 4.0 | 5.0 |
| RHAMBLER 2 SRP (LSD) | 8.0 | 6.3 | 5.3 | 6.0 | 6.7 | 5.3 | 4.0 | 4.0 | 4.7 | 5.0 | 4.0 | 5.0 |
| SALTILLO (PST-5SALT) | 7.3 | 5.7 | 4.7 | 5.3 | 6.0 | 5.3 | 4.3 | 4.3 | 5.3 | 5.7 | 3.7 | 5.0 |
| SWAGGER (PST-5R05) | 8.0 | 6.0 | 5.3 | 5.7 | 6.0 | 5.3 | 4.7 | 4.3 | 5.0 | 4.7 | 3.7 | 5.0 |
| TERRANO | 8.0 | 5.7 | 5.3 | 6.3 | 6.3 | 5.3 | 4.3 | 3.3 | 4.7 | 5.0 | 4.0 | 5.0 |
| HOUNDOG8 (IS-TF 307 SEL) | 8.0 | 6.7 | 6.3 | 7.0 | 7.0 | 4.7 | 3.0 | 3.3 | 4.3 | 4.3 | 3.7 | 4.9 |
| MICHELANGELO (LTP-F5DPDR) | 8.0 | 5.3 | 5.3 | 6.0 | 6.3 | 5.3 | 3.7 | 3.7 | 4.7 | 5.0 | 4.3 | 4.9 |
| THOR (PPG-TF-157) | 8.0 | 6.7 | 5.0 | 5.7 | 6.0 | 5.3 | 4.0 | 4.0 | 5.0 | 5.0 | 4.0 | 4.9 |
| MAESTRO (T31) | 7.7 | 5.3 | 5.0 | 5.7 | 5.7 | 4.7 | 4.0 | 4.3 | 5.0 | 4.7 | 4.0 | 4.8 |
| MERIDIAN (PST-5GRB) | 8.0 | 6.3 | 4.7 | 5.7 | 6.0 | 5.3 | 4.3 | 4.0 | 5.0 | 4.7 | 3.7 | 4.8 |
| PPG-TF-115 | 8.0 | 6.0 | 4.3 | 5.7 | 5.7 | 4.7 | 4.3 | 4.7 | 5.0 | 5.0 | 4.0 | 4.8 |
| 'COMMANDER (PPG-TF-170) | 8.0 | 6.0 | 6.0 | 6.0 | 5.7 | 5.0 | 3.3 | 3.3 | 5.0 | 4.7 | 4.0 | 4.8 |
| TECHNIQUE (RZ2) | 8.0 | 6.0 | 5.7 | 6.7 | 7.0 | 4.7 | 3.3 | 3.0 | 4.3 | 4.7 | 3.7 | 4.8 |
| F711 | 8.0 | 6.0 | 4.3 | 5.3 | 6.3 | 5.0 | 3.3 | 4.3 | 5.0 | 4.7 | 4.0 | 4.7 |
| FAYETTE (IS-TF 291) | 8.0 | 6.7 | 3.3 | 4.3 | 5.3 | 4.7 | 5.0 | 4.7 | 5.7 | 5.3 | 4.3 | 4.7 |
| LEONARDO (LTP-FSD) | 7.3 | 5.3 | 4.0 | 5.3 | 6.0 | 5.3 | 4.3 | 3.7 | 4.7 | 5.0 | 4.3 | 4.7 |
| PPG-TF-135 | 8.0 | 5.7 | 4.0 | 5.3 | 6.0 | 5.0 | 4.0 | 4.3 | 5.0 | 4.7 | 4.0 | 4.7 |
| PARAMOUNT (PPG-TF-137) | 8.0 | 6.3 | 4.7 | 5.0 | 6.0 | 5.7 | 3.3 | 3.3 | 4.7 | 5.3 | 4.3 | 4.7 |
| PSG-8BP2 | 8.0 | 6.0 | 4.7 | 5.7 | 6.0 | 5.7 | 3.3 | 3.7 | 4.7 | 4.7 | 3.7 | 4.7 |
| TEMPTATION (OR-21) | 8.0 | 6.0 | 4.7 | 5.3 | 6.0 | 5.7 | 3.3 | 4.0 | 4.3 | 5.0 | 4.0 | 4.7 |
| AQUADUCT | 7.7 | 5.0 | 5.3 | 6.0 | 5.7 | 5.0 | 3.3 | 3.7 | 4.7 | 4.7 | 3.3 | 4.6 |
| FAITH | 7.7 | 5.7 | 5.3 | 6.0 | 7.0 | 5.0 | 3.0 | 3.3 | 4.3 | 4.3 | 3.3 | 4.6 |
| FRONTLINE (EXP TF-09) | 8.0 | 5.3 | 4.7 | 5.3 | 5.7 | 5.3 | 4.0 | 3.3 | 4.7 | 5.0 | 3.7 | 4.6 |
| GTO (BURL TF-2) | 8.0 | 5.7 | 4.7 | 5.7 | 6.0 | 4.7 | 3.0 | 3.7 | 4.7 | 5.0 | 3.7 | 4.6 |
| IS-TF 311 | 8.0 | 6.0 | 5.3 | 5.7 | 6.3 | 5.0 | 3.7 | 3.0 | 4.0 | 4.7 | 4.0 | 4.6 |
| IS-TF-287 | 7.7 | 5.7 | 4.7 | 5.7 | 6.3 | 5.7 | 3.3 | 3.0 | 4.3 | 4.7 | 3.7 | 4.6 |
| WICHITA (PPG-TF-151) | 8.0 | 6.0 | 4.7 | 5.7 | 6.0 | 5.0 | 3.7 | 4.0 | 4.3 | 4.3 | 3.7 | 4.6 |
| PPG-TF-172 | 8.0 | 6.0 | 5.0 | 6.0 | 6.3 | 4.7 | 3.0 | 3.3 | 4.0 | 5.0 | 4.0 | 4.6 |
| PSG-GSD | 7.3 | 5.3 | 4.7 | 4.7 | 5.7 | 4.7 | 4.7 | 4.3 | 4.7 | 4.7 | 3.7 | 4.6 |
| PST-5BRK | 7.7 | 5.0 | 6.0 | 6.0 | 6.3 | 5.0 | 2.7 | 3.3 | 4.3 | 4.3 | 3.7 | 4.6 |
| RAIN DANCE (PST-5SDT) | 7.0 | 5.3 | 5.3 | 5.7 | 5.7 | 4.7 | 4.0 | 3.7 | 4.3 | 5.0 | 3.3 | 4.6 |
| ROWDY (SRX-TPC) | 8.0 | 5.3 | 5.0 | 6.3 | 6.7 | 5.3 | 3.7 | 3.0 | 4.3 | 3.7 | 3.7 | 4.6 |
| BLACK TAIL (PPG-TF-150) | 8.0 | 6.0 | 4.7 | 6.0 | 7.0 | 4.3 | 3.0 | 4.0 | 3.7 | 4.3 | 3.3 | 4.5 |
| FIREBIRD 2 | 8.0 | 6.3 | 5.3 | 6.3 | 6.3 | 5.0 | 3.0 | 3.0 | 4.0 | 4.0 | 3.7 | 4.5 |
| GRANDE 3 | 8.0 | 6.0 | 4.7 | 5.3 | 5.7 | 4.3 | 3.7 | 3.7 | 4.7 | 4.3 | 4.0 | 4.5 |
| IS-TF 308 SEL | 8.0 | 6.3 | 5.3 | 6.0 | 6.0 | 4.7 | 3.0 | 3.3 | 4.3 | 4.3 | 3.7 | 4.5 |
| JS 819 | 8.0 | 6.0 | 5.0 | 5.7 | 6.7 | 5.0 | 3.3 | 3.0 | 4.0 | 4.3 | 3.7 | 4.5 |
| MET 1 | 8.0 | 6.0 | 4.7 | 5.0 | 6.0 | 5.7 | 3.7 | 3.3 | 4.0 | 4.3 | 3.7 | 4.5 |
| PPG-TF-138 | 8.0 | 5.7 | 5.3 | 6.0 | 6.7 | 4.7 | 3.0 | 3.0 | 4.0 | 4.0 | 3.7 | 4.5 |
| PST-5EX2 | 7.3 | 5.0 | 6.0 | 6.3 | 6.3 | 5.0 | 3.0 | 3.0 | 4.0 | 4.0 | 3.0 | 4.5 |
| TURFWAY (IS-TF 282 M2) | 8.0 | 6.0 | 5.3 | 6.0 | 5.7 | 4.7 | 3.3 | 3.0 | 4.0 | 4.3 | 4.0 | 4.5 |
| ATF 1736 | 7.3 | 5.3 | 4.7 | 5.0 | 5.7 | 4.7 | 3.7 | 3.3 | 4.7 | 4.3 | 3.7 | 4.4 |

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/
2015 DATA

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

| NAME | GENETIC COLOR | LEAF TEXTURE | QUALITY RATINGS | | | | | | | | | |
|------------------------------|------------------|-----------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | | | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | MEAN |
| AMITY (CCR2) | 8.0 | 6.0 | 4.0 | 5.7 | 6.3 | 5.0 | 3.3 | 3.0 | 4.3 | 4.0 | 3.7 | 4.4 |
| FESNOVA | 8.0 | 5.0 | 4.3 | 5.0 | 6.0 | 5.3 | 3.0 | 3.3 | 4.3 | 4.7 | 3.3 | 4.4 |
| FOXHOUND (IS-TF 284 M2) | 8.0 | 6.3 | 5.7 | 6.0 | 5.3 | 4.7 | 3.0 | 3.0 | 4.0 | 4.3 | 3.7 | 4.4 |
| UNITUS (IS-TF 289) | 8.0 | 6.0 | 3.7 | 4.7 | 5.7 | 5.7 | 4.0 | 3.7 | 4.7 | 4.3 | 3.3 | 4.4 |
| RHIZING MOON (IS-TF 305 SEL) | 8.0 | 6.0 | 4.3 | 5.3 | 6.0 | 4.7 | 3.7 | 3.0 | 4.3 | 4.3 | 3.7 | 4.4 |
| MET-3 | 8.0 | 5.7 | 3.7 | 4.7 | 6.0 | 4.0 | 3.7 | 3.3 | 4.7 | 5.0 | 4.3 | 4.4 |
| PST-5BPO | 8.0 | 5.3 | 4.7 | 5.7 | 6.3 | 4.3 | 3.0 | 3.3 | 4.3 | 4.7 | 3.3 | 4.4 |
| PST-5DZP | 8.0 | 6.3 | 4.3 | 5.7 | 6.0 | 4.7 | 3.3 | 3.3 | 4.3 | 4.3 | 3.3 | 4.4 |
| SCREAMER LS (PPG-TF-148) | 8.0 | 6.0 | 4.3 | 5.7 | 5.7 | 4.7 | 3.7 | 3.3 | 4.3 | 4.3 | 4.0 | 4.4 |
| TEMPLE (DZ1) | 8.0 | 5.7 | 5.0 | 5.7 | 6.3 | 5.3 | 2.7 | 3.0 | 4.0 | 4.3 | 3.3 | 4.4 |
| TRAVERSE 2 SRP (W45) | 8.0 | 5.7 | 5.0 | 6.0 | 6.0 | 5.0 | 3.0 | 2.7 | 3.7 | 4.3 | 3.7 | 4.4 |
| XTENDER (PPG-TF-139) | 8.0 | 6.0 | 6.0 | 6.3 | 6.7 | 4.0 | 2.3 | 3.0 | 4.0 | 3.7 | 3.3 | 4.4 |
| ARES (PPG-TF-142) | 8.0 | 6.0 | 4.7 | 6.0 | 6.3 | 4.3 | 2.3 | 3.3 | 4.0 | 3.7 | 3.7 | 4.3 |
| BULLSEYE | 8.0 | 6.0 | 4.0 | 5.3 | 6.3 | 5.3 | 3.0 | 3.0 | 4.0 | 3.7 | 3.7 | 4.3 |
| CAESAR (TY 10) | 8.0 | 5.3 | 4.0 | 4.7 | 5.7 | 5.0 | 3.7 | 3.0 | 4.0 | 4.7 | 4.0 | 4.3 |
| FALCON IV | 7.7 | 5.0 | 4.3 | 5.0 | 5.3 | 4.7 | 3.7 | 3.0 | 4.3 | 4.7 | 3.3 | 4.3 |
| FIRECRACKER SLS (PPG-TF-105) | 7.7 | 5.7 | 4.0 | 4.3 | 5.3 | 4.7 | 4.0 | 3.7 | 4.3 | 4.3 | 4.0 | 4.3 |
| HEMI | 7.7 | 5.3 | 4.7 | 5.3 | 5.0 | 5.0 | 3.3 | 3.0 | 4.0 | 4.3 | 3.7 | 4.3 |
| HOT ROD (BURL TF-136) | 8.0 | 5.7 | 5.0 | 6.0 | 5.7 | 4.0 | 3.0 | 3.0 | 4.3 | 4.0 | 3.3 | 4.3 |
| REBOUNDER (PICK-W43) | 8.0 | 5.3 | 4.3 | 5.3 | 5.3 | 5.0 | 3.3 | 3.3 | 4.0 | 4.3 | 3.3 | 4.3 |
| PPG-TF-169 | 7.3 | 5.3 | 4.0 | 4.7 | 5.3 | 5.7 | 4.3 | 2.7 | 4.0 | 4.0 | 3.7 | 4.3 |
| PST-5MVD | 7.7 | 5.7 | 4.3 | 5.0 | 5.7 | 4.3 | 3.7 | 3.7 | 4.0 | 4.3 | 3.7 | 4.3 |
| REFLECTION (U45) | 8.0 | 6.0 | 4.0 | 5.3 | 6.0 | 4.3 | 3.3 | 3.3 | 4.0 | 4.7 | 3.3 | 4.3 |
| W41 | 8.0 | 5.0 | 4.0 | 5.0 | 6.0 | 5.3 | 4.0 | 3.0 | 4.0 | 4.0 | 3.3 | 4.3 |
| MEMPHIS (GO-DFR) | 8.0 | 6.0 | 4.0 | 4.7 | 5.3 | 5.7 | 3.7 | 3.0 | 4.3 | 3.7 | 3.3 | 4.2 |
| INSPIRATION (PST-R5NW) | 7.7 | 5.0 | 4.0 | 4.7 | 5.3 | 5.3 | 4.0 | 2.7 | 4.0 | 4.7 | 3.3 | 4.2 |
| JS 916 | 8.0 | 5.7 | 3.7 | 4.3 | 5.3 | 5.3 | 3.7 | 3.0 | 4.7 | 4.3 | 3.3 | 4.2 |
| K12-05 | 8.0 | 6.0 | 4.0 | 5.3 | 5.7 | 4.3 | 3.3 | 3.3 | 4.3 | 4.0 | 3.7 | 4.2 |
| RAPTOR III (ZW 44) | 8.0 | 6.0 | 4.3 | 5.0 | 5.7 | 5.0 | 3.0 | 3.3 | 4.0 | 4.3 | 3.3 | 4.2 |
| TITANIUM 2LS (PPG-TF-152) | 8.0 | 6.0 | 4.0 | 5.7 | 6.3 | 4.7 | 3.0 | 2.7 | 4.3 | 3.7 | 3.3 | 4.2 |
| 4TH MILLENNIUM SRP (U43) | 8.0 | 5.3 | 3.7 | 4.7 | 5.0 | 4.3 | 3.0 | 3.0 | 4.0 | 4.7 | 4.3 | 4.1 |
| ATF 1704 | 7.7 | 5.7 | 3.7 | 5.0 | 6.0 | 3.7 | 3.0 | 3.3 | 4.3 | 4.3 | 3.3 | 4.1 |
| BIZEM | 8.0 | 5.7 | 4.7 | 5.0 | 5.7 | 4.0 | 3.3 | 3.0 | 4.3 | 4.0 | 3.3 | 4.1 |
| CATALYST | 7.3 | 5.7 | 4.7 | 4.7 | 4.7 | 3.7 | 3.3 | 3.3 | 4.7 | 4.3 | 3.3 | 4.1 |
| DIABLO (IS-TF 330) | 8.0 | 5.7 | 5.0 | 6.0 | 7.0 | 4.7 | 2.3 | 2.3 | 3.3 | 3.7 | 3.0 | 4.1 |
| DYNAMITE LS (PPG-TF-145) | 8.0 | 6.0 | 4.0 | 4.3 | 5.0 | 3.7 | 3.7 | 4.0 | 4.3 | 4.7 | 3.7 | 4.1 |
| FIREWALL (PSG-WE1) | 8.0 | 6.0 | 3.3 | 4.7 | 5.7 | 4.7 | 4.0 | 3.3 | 4.0 | 4.3 | 3.0 | 4.1 |
| IS-TF 276 M2 | 8.0 | 5.7 | 4.0 | 5.0 | 6.0 | 4.7 | 3.0 | 3.0 | 3.7 | 4.0 | 3.7 | 4.1 |
| REGENERATE | 7.7 | 6.0 | 4.3 | 5.0 | 5.3 | 4.3 | 3.3 | 3.0 | 3.3 | 4.3 | 3.7 | 4.1 |
| ROCKWELL (LTP-TWUU) | 8.0 | 5.7 | 3.7 | 4.7 | 5.3 | 4.0 | 3.0 | 3.7 | 4.0 | 4.7 | 4.0 | 4.1 |
| WARHAWK | 8.0 | 6.3 | 4.3 | 5.3 | 5.0 | 4.7 | 3.7 | 2.7 | 4.0 | 4.0 | 3.0 | 4.1 |
| BAR FA 121095 | 7.7 | 5.3 | 3.0 | 4.7 | 5.0 | 4.7 | 3.7 | 2.7 | 4.3 | 4.3 | 3.3 | 4.0 |
| FALCON V | 8.0 | 5.3 | 3.7 | 4.7 | 5.3 | 4.7 | 3.7 | 3.0 | 4.3 | 3.7 | 3.0 | 4.0 |
| IS-TF 272 | 8.0 | 6.0 | 4.7 | 4.3 | 5.7 | 4.0 | 3.0 | 2.7 | 3.7 | 4.3 | 3.7 | 4.0 |
| JS 809 | 8.0 | 5.7 | 4.0 | 4.3 | 5.0 | 4.7 | 3.3 | 3.0 | 4.0 | 4.0 | 3.3 | 4.0 |

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/
2015 DATA

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

| NAME | GENETIC COLOR | LEAF TEXTURE | QUALITY RATINGS | | | | | | | | | MEAN |
|--------------------------|------------------|-----------------|-----------------|------|------|------|------|------|------|------|------|------|
| | | | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| JS 818 | 8.0 | 5.3 | 4.3 | 5.0 | 6.0 | 4.0 | 2.7 | 2.7 | 4.0 | 4.0 | 3.3 | 4.0 |
| JS 825 | 7.7 | 5.3 | 3.7 | 5.0 | 5.3 | 5.3 | 3.7 | 2.7 | 3.7 | 3.3 | 3.0 | 4.0 |
| BLOODHOUND (MET 6 SEL) | 7.7 | 5.0 | 5.3 | 6.0 | 5.3 | 4.3 | 2.3 | 2.3 | 3.3 | 3.3 | 3.3 | 4.0 |
| RAD-TF-89 | 8.0 | 5.3 | 4.3 | 5.3 | 5.7 | 5.0 | 3.0 | 2.7 | 3.3 | 3.7 | 3.3 | 4.0 |
| THUNDERSTRUCK (TD1) | 7.7 | 5.3 | 3.0 | 4.0 | 5.0 | 5.0 | 4.3 | 3.0 | 4.3 | 4.0 | 3.3 | 4.0 |
| B23 | 8.0 | 6.0 | 4.3 | 5.0 | 5.3 | 4.3 | 2.3 | 3.0 | 3.7 | 3.7 | 3.3 | 3.9 |
| BAR FA 120878 | 6.7 | 5.0 | 4.0 | 4.0 | 4.0 | 4.3 | 4.3 | 4.0 | 4.3 | 3.7 | 2.7 | 3.9 |
| IS-TF 269 SEL | 8.0 | 5.7 | 4.3 | 5.3 | 6.0 | 4.0 | 2.7 | 2.7 | 3.3 | 3.3 | 3.0 | 3.9 |
| PSG-TT4 | 8.0 | 5.3 | 4.0 | 4.7 | 4.7 | 4.0 | 3.0 | 3.0 | 4.0 | 4.3 | 3.3 | 3.9 |
| BAR FA 121089 | 7.3 | 5.0 | 3.7 | 4.7 | 5.3 | 4.7 | 3.0 | 2.7 | 3.7 | 3.7 | 3.0 | 3.8 |
| PSG-P01 | 8.0 | 6.0 | 4.0 | 4.7 | 5.0 | 4.0 | 3.0 | 2.7 | 3.7 | 4.0 | 3.0 | 3.8 |
| ATF 1612 | 7.7 | 5.3 | 3.7 | 4.3 | 4.7 | 4.3 | 3.3 | 2.7 | 3.7 | 4.0 | 3.0 | 3.7 |
| ATF 1754 | 7.0 | 5.3 | 4.0 | 4.7 | 5.3 | 3.7 | 2.0 | 3.0 | 3.7 | 3.7 | 3.0 | 3.7 |
| BAR FA 121091 | 8.0 | 5.0 | 3.0 | 4.0 | 5.0 | 4.0 | 3.3 | 3.3 | 4.3 | 3.3 | 2.7 | 3.7 |
| K12-13 | 8.0 | 6.3 | 3.3 | 3.7 | 4.7 | 4.3 | 3.0 | 3.0 | 3.7 | 4.0 | 3.0 | 3.6 |
| NIGHTCRAWLER (IS-TF 285) | 8.0 | 5.7 | 3.7 | 4.0 | 4.7 | 4.0 | 2.0 | 3.0 | 3.3 | 3.7 | 3.0 | 3.5 |
| KINGDOM (DB1) | 7.7 | 5.3 | 3.0 | 4.0 | 4.3 | 4.0 | 3.3 | 3.0 | 3.3 | 3.7 | 2.7 | 3.5 |
| KY-31 | 5.3 | 4.0 | 4.7 | 4.0 | 3.7 | 3.7 | 3.3 | 2.7 | 3.0 | 3.0 | 2.7 | 3.4 |
| RAD-TF-83 | 8.0 | 4.7 | 3.3 | 3.7 | 4.3 | 4.3 | 2.3 | 2.3 | 3.7 | 3.3 | 3.3 | 3.4 |
| 204 RES. BLK4 | 7.3 | 5.7 | 2.7 | 3.3 | 3.7 | 3.3 | 3.3 | 2.7 | 3.7 | 3.7 | 3.7 | 3.3 |
| ANNIHILATOR | 8.0 | 5.7 | 2.7 | 3.7 | 4.3 | 4.0 | 3.0 | 2.0 | 3.3 | 3.0 | 2.7 | 3.2 |
| HOVER (BURL TF-69) | 8.0 | 5.3 | 3.7 | 3.7 | 5.0 | 3.3 | 2.0 | 2.3 | 3.3 | 3.0 | 2.3 | 3.2 |
| RAD-TF-92 | 8.0 | 5.3 | 2.7 | 3.3 | 4.0 | 4.7 | 2.3 | 2.3 | 3.0 | 3.3 | 2.7 | 3.1 |
| COMP. RES. SST | 8.0 | 5.7 | 2.0 | 2.7 | 2.7 | 4.3 | 3.0 | 2.3 | 3.3 | 3.3 | 3.0 | 3.0 |
| MARAUDER | 7.3 | 5.7 | 2.3 | 2.7 | 3.3 | 3.7 | 3.0 | 2.7 | 3.0 | 4.0 | 2.7 | 3.0 |
| OLYMPUS (RAD-TF-88) | 8.0 | 5.3 | 2.3 | 3.3 | 3.0 | 3.3 | 2.3 | 2.3 | 3.0 | 2.7 | 2.3 | 2.7 |
| LSD VALUE | 0.5 | 0.8 | 2.1 | 1.9 | 1.7 | 3.3 | 3.1 | 1.5 | 1.8 | 2.4 | 2.4 | 1.1 |
| C.V. (%) | 3.9 | 8.1 | 23.7 | 19.2 | 16.2 | 19.8 | 28.8 | 22.3 | 17.7 | 19.9 | 20.1 | 13.4 |

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

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

TABLE 19. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT STILLWATER, OK 1/
2015 DATA

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

| NAME | DENSITY SUMMER | DENSITY FALL | PERCENT COVER SPRING | PERCENT COVER FALL | FALL COLOR DECEMBER | POA ANNUA | BROWN PATCH RATINGS AUGUST | SEPTEMBER |
|-----------------------------|-------------------|-----------------|----------------------------|--------------------------|---------------------------|--------------|-------------------------------|-----------|
| EMBRACE (PST-5EV2) | 6.3 | 6.0 | 96.3 | 91.7 | 7.3 | 8.7 | 8.7 | 7.0 |
| AVENGER II (PPG-TF-156) | 6.0 | 6.3 | 95.0 | 91.7 | 7.0 | 8.7 | 8.7 | 7.0 |
| CROSSFIRE 4 (IS-TF 310 SEL) | 5.3 | 6.0 | 92.7 | 91.7 | 6.0 | 9.0 | 7.0 | 6.7 |
| K12-MCD | 5.3 | 5.7 | 92.3 | 90.0 | 7.0 | 8.3 | 7.0 | 7.3 |
| RHAMBLER 2 SRP (LSD) | 6.0 | 5.7 | 91.3 | 90.0 | 6.7 | 8.7 | 7.3 | 6.7 |
| SALTILLO (PST-5SALT) | 5.7 | 6.0 | 80.0 | 93.3 | 7.3 | 8.3 | 7.7 | 7.0 |
| SWAGGER (PST-5R05) | 5.7 | 6.0 | 92.7 | 90.0 | 6.7 | 8.7 | 9.0 | 6.7 |
| TERRANO | 6.0 | 5.7 | 91.7 | 88.3 | 7.0 | 8.7 | 8.7 | 6.7 |
| HOUNDOG8 (IS-TF 307 SEL) | 6.0 | 6.0 | 96.3 | 83.3 | 6.7 | 9.0 | 6.7 | 5.0 |
| MICHELANGELO (LTP-F5DPDR) | 6.0 | 6.0 | 88.3 | 83.3 | 7.0 | 8.0 | 8.0 | 6.0 |
| THOR (PPG-TF-157) | 6.0 | 6.3 | 86.3 | 88.3 | 7.0 | 8.7 | 8.3 | 7.0 |
| MAESTRO (T31) | 6.0 | 6.7 | 86.7 | 88.3 | 6.0 | 9.0 | 7.7 | 6.7 |
| MERIDIAN (PST-5GRB) | 6.0 | 6.0 | 81.7 | 81.7 | 7.3 | 8.7 | 7.7 | 6.0 |
| PPG-TF-115 | 6.0 | 6.0 | 75.0 | 90.0 | 7.3 | 8.3 | 7.3 | 6.7 |
| 'COMMANDER (PPG-TF-170) | 5.0 | 6.0 | 92.7 | 80.0 | 7.3 | 8.7 | 8.7 | 7.3 |
| TECHNIQUE (RZ2) | 5.7 | 6.0 | 93.3 | 81.7 | 7.0 | 8.7 | 7.0 | 5.7 |
| F711 | 5.0 | 6.0 | 83.3 | 85.0 | 7.0 | 8.0 | 7.7 | 7.3 |
| FAYETTE (IS-TF 291) | 6.0 | 5.7 | 69.3 | 93.3 | 7.7 | 8.0 | 8.7 | 7.0 |
| LEONARDO (LTP-FSD) | 5.7 | 5.7 | 81.7 | 88.3 | 7.0 | 8.3 | 8.0 | 7.0 |
| PPG-TF-135 | 6.0 | 6.7 | 75.0 | 85.0 | 7.7 | 8.3 | 7.7 | 5.7 |
| PARAMOUNT (PPG-TF-137) | 5.7 | 6.7 | 79.3 | 86.7 | 7.0 | 7.7 | 8.3 | 7.0 |
| PSG-8BP2 | 6.0 | 5.7 | 88.3 | 86.7 | 7.0 | 8.3 | 8.3 | 5.3 |
| TEMPTATION (OR-21) | 5.3 | 5.7 | 81.3 | 85.0 | 7.0 | 8.3 | 7.7 | 5.7 |
| AQUADUCT | 5.0 | 5.7 | 88.3 | 88.3 | 6.0 | 8.3 | 8.0 | 6.3 |
| FAITH | 6.0 | 6.3 | 92.0 | 83.3 | 7.3 | 8.7 | 7.3 | 4.7 |
| FRONTLINE (EXP TF-09) | 4.7 | 4.7 | 82.3 | 85.0 | 7.3 | 7.7 | 7.3 | 5.7 |
| GTO (BURL TF-2) | 5.7 | 6.0 | 86.7 | 85.0 | 7.0 | 8.0 | 8.7 | 7.3 |
| IS-TF 311 | 5.3 | 6.0 | 87.7 | 83.3 | 6.0 | 8.0 | 8.3 | 5.0 |
| IS-TF-287 | 6.3 | 6.7 | 90.3 | 85.0 | 6.7 | 8.3 | 8.3 | 5.7 |
| WICHITA (PPG-TF-151) | 5.7 | 6.0 | 87.7 | 81.7 | 8.0 | 8.0 | 7.3 | 6.3 |
| PPG-TF-172 | 5.3 | 5.7 | 89.7 | 83.3 | 7.0 | 8.7 | 6.7 | 6.3 |
| PSG-GSD | 5.7 | 6.0 | 86.7 | 90.0 | 7.0 | 8.3 | 8.0 | 6.7 |
| PST-5BRK | 5.3 | 5.7 | 94.0 | 83.3 | 7.3 | 8.7 | 7.0 | 5.7 |
| RAIN DANCE (PST-5SDT) | 5.0 | 5.7 | 90.3 | 90.0 | 7.0 | 8.3 | 6.3 | 6.3 |
| ROWDY (SRX-TPC) | 6.0 | 5.7 | 93.3 | 80.0 | 6.7 | 8.7 | 7.3 | 6.3 |
| BLACK TAIL (PPG-TF-150) | 6.0 | 6.3 | 91.0 | 75.0 | 7.0 | 8.3 | 6.7 | 4.7 |
| FIREBIRD 2 | 5.7 | 6.3 | 92.7 | 81.7 | 7.3 | 8.7 | 7.3 | 5.7 |
| GRANDE 3 | 6.3 | 6.0 | 78.0 | 83.3 | 7.3 | 8.3 | 8.3 | 6.0 |
| IS-TF 308 SEL | 5.0 | 6.0 | 92.7 | 81.7 | 7.0 | 8.7 | 8.0 | 7.0 |
| JS 819 | 5.3 | 4.7 | 90.7 | 83.3 | 7.0 | 8.3 | 7.3 | 5.7 |
| MET 1 | 6.0 | 5.7 | 80.0 | 81.7 | 6.7 | 8.0 | 8.7 | 5.3 |
| PPG-TF-138 | 5.7 | 5.7 | 90.0 | 76.7 | 6.7 | 8.3 | 7.3 | 5.7 |
| PST-5EX2 | 5.0 | 5.7 | 94.7 | 78.3 | 7.3 | 8.7 | 7.0 | 5.3 |
| TURFWAY (IS-TF 282 M2) | 5.7 | 6.0 | 91.7 | 83.3 | 6.7 | 9.0 | 7.3 | 6.3 |
| ATF 1736 | 5.7 | 6.0 | 76.0 | 83.3 | 7.0 | 7.3 | 7.0 | 6.0 |

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/
2015 DATA

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

| NAME | DENSITY SUMMER | DENSITY FALL | PERCENT COVER SPRING | PERCENT COVER FALL | FALL COLOR DECEMBER | POA ANNUA | BROWN PATCH RATINGS AUGUST | SEPTEMBER |
|------------------------------|-------------------|-----------------|----------------------------|--------------------------|---------------------------|--------------|-------------------------------|-----------|
| AMITY (CCR2) | 6.0 | 6.7 | 82.7 | 80.0 | 6.3 | 8.0 | 7.0 | 5.7 |
| FESNOVA | 5.7 | 5.3 | 85.0 | 85.0 | 7.0 | 8.3 | 7.7 | 6.0 |
| FOXHOUND (IS-TF 284 M2) | 5.0 | 5.7 | 94.0 | 81.7 | 6.7 | 8.7 | 7.0 | 4.7 |
| UNITUS (IS-TF 289) | 6.0 | 5.3 | 80.0 | 76.7 | 6.7 | 8.0 | 7.7 | 5.0 |
| RHIZING MOON (IS-TF 305 SEL) | 5.7 | 6.0 | 81.7 | 83.3 | 7.0 | 8.0 | 7.3 | 5.7 |
| MET-3 | 5.7 | 6.3 | 70.0 | 85.0 | 7.0 | 8.0 | 6.7 | 6.0 |
| PST-5BPO | 5.0 | 5.7 | 86.0 | 86.7 | 7.0 | 8.3 | 7.7 | 6.7 |
| PST-5DZP | 5.7 | 6.0 | 76.7 | 83.3 | 6.3 | 8.3 | 7.3 | 5.3 |
| SCREAMER LS (PPG-TF-148) | 5.3 | 6.3 | 81.7 | 83.3 | 7.0 | 8.3 | 7.7 | 5.7 |
| TEMPLE (DZ1) | 5.0 | 6.0 | 91.7 | 80.0 | 7.0 | 8.3 | 7.3 | 6.0 |
| TRAVERSE 2 SRP (W45) | 5.3 | 6.0 | 90.7 | 80.0 | 7.0 | 8.7 | 8.0 | 5.3 |
| XTENDER (PPG-TF-139) | 5.0 | 6.0 | 94.7 | 76.7 | 7.7 | 8.7 | 6.3 | 5.3 |
| ARES (PPG-TF-142) | 5.3 | 5.7 | 81.7 | 75.0 | 7.7 | 8.3 | 6.0 | 5.0 |
| BULLSEYE | 5.7 | 6.0 | 83.3 | 61.7 | 6.7 | 8.3 | 7.0 | 4.0 |
| CAESAR (TY 10) | 5.3 | 5.3 | 76.7 | 88.3 | 7.3 | 8.0 | 7.3 | 5.3 |
| FALCON IV | 5.0 | 5.0 | 81.0 | 88.3 | 6.7 | 8.0 | 8.0 | 6.3 |
| FIRECRACKER SLS (PPG-TF-105) | 5.7 | 5.3 | 67.7 | 81.7 | 7.3 | 8.0 | 7.3 | 6.0 |
| HEMI | 5.3 | 5.7 | 85.0 | 78.3 | 7.7 | 8.3 | 7.3 | 5.7 |
| HOT ROD (BURL TF-136) | 5.7 | 6.3 | 91.0 | 71.7 | 7.0 | 8.3 | 6.0 | 5.7 |
| REBOUNDER (PICK-W43) | 5.7 | 6.3 | 81.7 | 78.3 | 7.3 | 8.0 | 7.7 | 5.7 |
| PPG-TF-169 | 6.3 | 5.3 | 68.7 | 70.0 | 6.0 | 7.0 | 7.3 | 5.0 |
| PST-5MVD | 5.3 | 5.7 | 81.7 | 83.3 | 7.0 | 8.3 | 6.0 | 5.0 |
| REFLECTION (U45) | 5.7 | 6.3 | 86.0 | 76.7 | 7.7 | 8.3 | 6.7 | 5.7 |
| W41 | 5.7 | 6.0 | 83.3 | 76.7 | 6.3 | 7.3 | 7.0 | 5.0 |
| MEMPHIS (GO-DFR) | 5.7 | 5.7 | 80.0 | 76.7 | 6.7 | 8.3 | 8.0 | 4.7 |
| INSPIRATION (PST-R5NW) | 4.7 | 5.3 | 85.7 | 81.7 | 6.3 | 8.3 | 7.7 | 4.0 |
| JS 916 | 6.0 | 5.7 | 75.0 | 71.7 | 6.3 | 7.7 | 7.3 | 5.3 |
| K12-05 | 5.0 | 6.0 | 83.3 | 81.7 | 7.7 | 8.0 | 7.3 | 6.0 |
| RAPTOR III (ZW 44) | 5.0 | 5.7 | 71.7 | 81.7 | 7.3 | 8.3 | 7.7 | 6.0 |
| TITANIUM 2LS (PPG-TF-152) | 5.7 | 6.0 | 81.7 | 66.7 | 7.0 | 7.7 | 7.3 | 5.0 |
| 4TH MILLENNIUM SRP (U43) | 5.0 | 5.3 | 71.0 | 85.0 | 7.0 | 7.7 | 8.0 | 6.3 |
| ATF 1704 | 5.3 | 5.7 | 78.3 | 80.0 | 6.3 | 8.0 | 6.7 | 6.3 |
| BIZEM | 5.7 | 5.7 | 85.0 | 83.3 | 6.7 | 8.3 | 7.3 | 4.3 |
| CATALYST | 4.7 | 6.0 | 67.7 | 78.3 | 6.7 | 7.3 | 7.7 | 6.7 |
| DIABLO (IS-TF 330) | 6.0 | 6.0 | 92.0 | 71.7 | 6.7 | 8.3 | 6.3 | 4.7 |
| DYNAMITE LS (PPG-TF-145) | 5.0 | 5.3 | 68.7 | 88.3 | 7.3 | 7.7 | 7.0 | 7.3 |
| FIREWALL (PSG-WE1) | 6.0 | 6.0 | 71.7 | 75.0 | 7.0 | 7.7 | 7.0 | 5.0 |
| IS-TF 276 M2 | 5.3 | 5.3 | 81.7 | 75.0 | 6.7 | 8.0 | 7.0 | 5.3 |
| REGENERATE | 5.0 | 5.7 | 78.3 | 83.3 | 8.0 | 7.3 | 7.7 | 6.3 |
| ROCKWELL (LTP-TWUU) | 5.3 | 5.7 | 73.3 | 88.3 | 6.7 | 7.7 | 7.0 | 7.3 |
| WARHAWK | 5.3 | 5.0 | 85.7 | 75.0 | 6.7 | 7.7 | 8.3 | 4.3 |
| BAR FA 121095 | 5.0 | 5.3 | 78.3 | 78.3 | 7.0 | 8.0 | 7.0 | 5.3 |
| FALCON V | 5.7 | 5.7 | 70.0 | 68.3 | 6.7 | 7.7 | 7.7 | 5.0 |
| IS-TF 272 | 5.3 | 6.0 | 77.3 | 83.3 | 7.3 | 7.7 | 6.7 | 5.0 |
| JS 809 | 5.0 | 5.0 | 76.7 | 68.3 | 5.7 | 7.3 | 7.3 | 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/
2015 DATA

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

| NAME | DENSITY SUMMER | DENSITY FALL | PERCENT COVER SPRING | PERCENT COVER FALL | FALL COLOR DECEMBER | POA ANNUA | BROWN PATCH RATINGS AUGUST | SEPTEMBER |
|--------------------------|-------------------|-----------------|----------------------------|--------------------------|---------------------------|--------------|-------------------------------|-----------|
| JS 818 | 5.7 | 5.0 | 82.0 | 75.0 | 6.7 | 8.0 | 7.7 | 4.7 |
| JS 825 | 5.0 | 4.3 | 80.0 | 75.0 | 6.0 | 7.7 | 8.0 | 4.7 |
| BLOODHOUND (MET 6 SEL) | 5.0 | 5.3 | 91.7 | 65.0 | 7.0 | 8.7 | 6.0 | 4.7 |
| RAD-TF-89 | 5.3 | 6.0 | 87.0 | 76.7 | 7.0 | 8.3 | 7.0 | 4.7 |
| THUNDERSTRUCK (TD1) | 6.0 | 5.7 | 56.0 | 81.7 | 7.0 | 7.7 | 8.0 | 5.3 |
| B23 | 5.3 | 5.7 | 77.3 | 75.0 | 7.0 | 8.0 | 7.0 | 5.0 |
| BAR FA 120878 | 4.3 | 5.0 | 78.3 | 76.7 | 6.3 | 6.3 | 7.7 | 6.3 |
| IS-TF 269 SEL | 5.3 | 5.3 | 81.7 | 63.3 | 6.7 | 8.0 | 5.3 | 4.3 |
| PSG-TT4 | 4.7 | 4.7 | 85.0 | 78.3 | 7.0 | 7.7 | 6.7 | 5.7 |
| BAR FA 121089 | 4.3 | 4.7 | 75.0 | 75.0 | 6.7 | 8.0 | 6.7 | 5.0 |
| PSG-PO1 | 5.7 | 5.7 | 69.3 | 75.0 | 7.0 | 7.3 | 7.7 | 5.0 |
| ATF 1612 | 4.7 | 5.0 | 63.3 | 70.0 | 7.0 | 7.3 | 6.3 | 5.0 |
| ATF 1754 | 4.7 | 5.3 | 73.3 | 66.7 | 6.7 | 8.3 | 6.0 | 5.0 |
| BAR FA 121091 | 5.0 | 5.3 | 75.0 | 81.7 | 6.7 | 8.0 | 6.0 | 5.0 |
| K12-13 | 5.3 | 5.3 | 57.7 | 70.0 | 7.3 | 7.3 | 7.0 | 4.7 |
| NIGHTCRAWLER (IS-TF 285) | 4.7 | 6.0 | 78.3 | 73.3 | 6.7 | 7.7 | 7.3 | 6.3 |
| KINGDOM (DB1) | 5.0 | 5.0 | 58.3 | 63.3 | 6.7 | 6.7 | 7.0 | 4.3 |
| KY-31 | 3.0 | 4.0 | 91.7 | 85.0 | 7.0 | 7.3 | 8.0 | 8.7 |
| RAD-TF-83 | 3.7 | 5.0 | 63.3 | 53.3 | 7.3 | 6.3 | 5.3 | 3.3 |
| 204 RES. BLK4 | 5.3 | 5.3 | 53.3 | 63.3 | 6.7 | 6.0 | 7.0 | 4.7 |
| ANNIHILATOR | 4.7 | 4.7 | 56.7 | 60.0 | 6.0 | 6.7 | 7.3 | 3.3 |
| HOVER (BURL TF-69) | 5.3 | 5.3 | 68.3 | 51.7 | 6.7 | 7.7 | 5.7 | 3.3 |
| RAD-TF-92 | 4.0 | 5.3 | 50.0 | 60.0 | 6.7 | 6.7 | 7.7 | 3.3 |
| COMP. RES. SST | 4.0 | 4.7 | 28.3 | 61.7 | 6.7 | 4.7 | 7.7 | 4.3 |
| MARAUDER | 3.7 | 4.7 | 43.3 | 56.7 | 7.3 | 5.3 | 7.7 | 3.7 |
| OLYMPUS (RAD-TF-88) | 4.3 | 5.3 | 48.3 | 51.7 | 7.3 | 6.3 | 6.7 | 3.7 |
| LSD VALUE | 2.0 | 1.0 | 26.2 | 39.5 | 4.4 | 1.6 | 2.2 | 2.6 |
| C.V. (%) | 15.3 | 9.5 | 17.1 | 17.1 | 11.8 | 10.3 | 13.3 | 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 20. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT UNIVERSITY PARK, PA 1/
2015 DATA

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

| NAME | QUALITY RATINGS | | | | | MEAN |
|-----------------------------|-------------------|-----|-----|-----|-----|------|
| | SPRING GREENUP | JUN | JUL | OCT | | |
| HEMI | 2.7 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 |
| RAPTOR III (ZW 44) | 2.3 | 7.7 | 8.3 | 8.7 | 8.2 | 8.2 |
| TRAVERSE 2 SRP (W45) | 3.0 | 7.5 | 9.0 | 8.0 | 8.2 | 8.2 |
| HOT ROD (BURL TF-136) | 2.7 | 8.0 | 8.3 | 8.0 | 8.1 | 8.1 |
| IS-TF 308 SEL | 3.3 | 7.7 | 8.0 | 8.7 | 8.1 | 8.1 |
| AMITY (CCR2) | 4.3 | 8.0 | 8.3 | 7.7 | 8.0 | 8.0 |
| 4TH MILLENNIUM SRP (U43) | 4.0 | 7.7 | 7.7 | 8.3 | 7.9 | 7.9 |
| FAYETTE (IS-TF 291) | 3.3 | 7.7 | 8.0 | 8.0 | 7.9 | 7.9 |
| REBOUNDER (PICK-W43) | 3.7 | 7.7 | 8.3 | 7.7 | 7.9 | 7.9 |
| REGENERATE | 4.0 | 7.7 | 8.3 | 7.7 | 7.9 | 7.9 |
| MET 1 | 2.5 | 8.0 | 8.0 | 7.5 | 7.8 | 7.8 |
| PSG-PO1 | 3.3 | 7.0 | 8.3 | 8.0 | 7.8 | 7.8 |
| TECHNIQUE (RZ2) | 2.0 | 7.3 | 8.3 | 7.7 | 7.8 | 7.8 |
| TITANIUM 2LS (PPG-TF-152) | 2.5 | 7.5 | 7.5 | 8.5 | 7.8 | 7.8 |
| AVENGER II (PPG-TF-156) | 3.3 | 8.0 | 7.7 | 7.3 | 7.7 | 7.7 |
| FIREWALL (PSG-WE1) | 3.7 | 8.3 | 7.3 | 7.3 | 7.7 | 7.7 |
| PARAMOUNT (PPG-TF-137) | 2.0 | 7.7 | 8.0 | 7.3 | 7.7 | 7.7 |
| REFLECTION (U45) | 3.0 | 7.5 | 8.0 | 7.5 | 7.7 | 7.7 |
| SCREAMER LS (PPG-TF-148) | 4.0 | 7.5 | 8.0 | 7.5 | 7.7 | 7.7 |
| B23 | 3.7 | 7.0 | 8.3 | 7.3 | 7.6 | 7.6 |
| MAESTRO (T31) | 4.0 | 7.7 | 8.0 | 7.0 | 7.6 | 7.6 |
| BIZEM | 3.0 | 7.3 | 7.3 | 7.7 | 7.4 | 7.4 |
| F711 | 3.0 | 6.7 | 8.0 | 7.7 | 7.4 | 7.4 |
| JS 916 | 3.3 | 7.7 | 7.3 | 7.3 | 7.4 | 7.4 |
| PPG-TF-169 | 4.3 | 7.0 | 8.0 | 7.3 | 7.4 | 7.4 |
| 'COMMANDER (PPG-TF-170) | 3.0 | 7.7 | 7.3 | 7.3 | 7.4 | 7.4 |
| PPG-TF-135 | 3.0 | 7.3 | 7.7 | 7.0 | 7.3 | 7.3 |
| ROCKWELL (LTP-TWUU) | 4.7 | 7.7 | 7.0 | 7.3 | 7.3 | 7.3 |
| W41 | 3.3 | 7.3 | 7.7 | 7.0 | 7.3 | 7.3 |
| IS-TF 311 | 3.0 | 7.0 | 7.3 | 7.3 | 7.2 | 7.2 |
| XTENDER (PPG-TF-139) | 2.3 | 7.0 | 7.7 | 7.0 | 7.2 | 7.2 |
| ATF 1612 | 4.3 | 7.0 | 7.3 | 7.0 | 7.1 | 7.1 |
| ATF 1704 | 3.7 | 7.7 | 6.7 | 7.0 | 7.1 | 7.1 |
| BLACK TAIL (PPG-TF-150) | 4.0 | 7.0 | 7.3 | 7.0 | 7.1 | 7.1 |
| FALCON V | 3.0 | 6.7 | 7.7 | 7.0 | 7.1 | 7.1 |
| GRANDE 3 | 4.3 | 7.3 | 7.3 | 6.7 | 7.1 | 7.1 |
| GTO (BURL TF-2) | 3.0 | 7.7 | 7.0 | 6.7 | 7.1 | 7.1 |
| NIGHTCRAWLER (IS-TF 285) | 2.3 | 7.3 | 6.7 | 7.3 | 7.1 | 7.1 |
| BLOODHOUND (MET 6 SEL) | 3.3 | 7.3 | 7.7 | 6.3 | 7.1 | 7.1 |
| RAD-TF-92 | 1.3 | 7.0 | 6.7 | 7.7 | 7.1 | 7.1 |
| TEMPLE (DZ1) | 2.3 | 7.0 | 7.0 | 7.3 | 7.1 | 7.1 |
| FOXHOUND (IS-TF 284 M2) | 1.7 | 6.7 | 6.7 | 7.7 | 7.0 | 7.0 |
| IS-TF 269 SEL | 2.3 | 6.3 | 7.0 | 7.7 | 7.0 | 7.0 |
| CROSSFIRE 4 (IS-TF 310 SEL) | 2.3 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 |
| MET-3 | 3.7 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 |

TABLE 20.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT UNIVERSITY PARK, PA 1/
2015 DATA

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

| NAME | SPRING | QUALITY RATINGS | | | MEAN |
|------------------------------|---------|-----------------|-----|-----|------|
| | GREENUP | JUN | JUL | OCT | |
| PPG-TF-138 | 2.3 | 6.7 | 7.0 | 7.3 | 7.0 |
| OLYMPUS (RAD-TF-88) | 2.3 | 7.0 | 6.7 | 7.3 | 7.0 |
| ARES (PPG-TF-142) | 2.0 | 6.7 | 7.3 | 6.7 | 6.9 |
| HOVER (BURL TF-69) | 3.0 | 6.7 | 6.7 | 7.3 | 6.9 |
| RHIZING MOON (IS-TF 305 SEL) | 1.7 | 6.0 | 7.3 | 7.3 | 6.9 |
| FIRECRACKER SLS (PPG-TF-105) | 3.0 | 6.3 | 6.7 | 7.3 | 6.8 |
| IS-TF-287 | 2.7 | 6.7 | 7.0 | 6.7 | 6.8 |
| RHAMBLER 2 SRP (LSD) | 2.0 | 6.3 | 7.0 | 7.0 | 6.8 |
| THOR (PPG-TF-157) | 2.3 | 7.0 | 6.3 | 7.0 | 6.8 |
| DIABLO (IS-TF 330) | 2.7 | 6.3 | 6.3 | 7.3 | 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 |
| KINGDOM (DB1) | 2.0 | 6.3 | 6.7 | 7.0 | 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 |
| TURFWAY (IS-TF 282 M2) | 2.3 | 6.0 | 7.0 | 7.0 | 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 |
| HOUNDOG8 (IS-TF 307 SEL) | 3.0 | 6.7 | 6.3 | 6.7 | 6.6 |
| EMBRACE (PST-5EV2) | 3.3 | 6.7 | 6.0 | 6.7 | 6.4 |
| FIREBIRD 2 | 2.7 | 6.3 | 5.7 | 7.3 | 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 |
| UNITUS (IS-TF 289) | 1.7 | 6.7 | 6.0 | 6.3 | 6.3 |
| WICHITA (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 |
| DYNAMITE LS (PPG-TF-145) | 1.0 | 5.7 | 6.3 | 6.7 | 6.2 |
| IS-TF 276 M2 | 1.7 | 5.7 | 6.0 | 7.0 | 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 |
| LEONARDO (LTP-FSD) | 2.7 | 5.7 | 5.7 | 6.3 | 5.9 |
| MICHELANGELO (LTP-F5DPDR) | 3.0 | 5.7 | 6.0 | 6.0 | 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 |
| MEMPHIS (GO-DFR) | 1.3 | 5.3 | 4.7 | 6.3 | 5.4 |
| JS 809 | 1.7 | 5.7 | 5.3 | 5.3 | 5.4 |

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/
2015 DATA

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

| NAME | SPRING | QUALITY RATINGS | | | MEAN |
|------------------------|---------|-----------------|------|------|------|
| | GREENUP | JUN | JUL | OCT | |
| 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 |
| RAD-TF-83 | 2.0 | 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 | 1.6 | 1.2 | 1.2 | 1.4 | 0.9 |
| C.V. (%) | 33.2 | 12.0 | 12.6 | 12.4 | 8.9 |

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 21.

PERCENT LIVING GROUND COVER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT UNIVERSITY PARK (TRAFFIC STUDY), PA 1/
2015 DATA

| NAME | PREWEAR | WEAR | POSTWEAR | NAME | PREWEAR | WEAR | POSTWEAR |
|------------------------------|---------|------|----------|------------------------------|---------|------|----------|
| | 8_25 | 8_25 | 11_6 | | 8_25 | 8_25 | 11_6 |
| BULLSEYE | 99 | 99 | 80.0 | REBOUNDER (PICK-W43) | 99 | 99 | 73.3 |
| IS-TF 276 M2 | 99 | 99 | 80.0 | PSG-GSD | 99 | 99 | 73.3 |
| NIGHTCRAWLER (IS-TF 285) | 99 | 99 | 80.0 | PSG-TT4 | 99 | 99 | 73.3 |
| RHAMBLER 2 SRP (LSD) | 99 | 99 | 80.0 | PST-5DZP | 99 | 99 | 73.3 |
| ARES (PPG-TF-142) | 99 | 99 | 78.3 | BAR FA 120878 | 99 | 99 | 71.7 |
| HOT ROD (BURL TF-136) | 99 | 99 | 78.3 | COMP. RES. SST | 99 | 99 | 71.7 |
| IS-TF 272 | 99 | 99 | 78.3 | FALCON V | 99 | 99 | 71.7 |
| IS-TF-287 | 99 | 99 | 78.3 | JS 825 | 99 | 99 | 71.7 |
| K12-MCD | 99 | 99 | 78.3 | JS 916 | 99 | 99 | 71.7 |
| RAD-TF-92 | 99 | 99 | 78.3 | KINGDOM (DB1) | 99 | 99 | 71.7 |
| ATF 1736 | 99 | 99 | 76.7 | LEONARDO (LTP-FSD) | 99 | 99 | 71.7 |
| ATF 1754 | 99 | 99 | 76.7 | BLOODHOUND (MET 6 SEL) | 99 | 99 | 71.7 |
| FAITH | 99 | 99 | 76.7 | PPG-TF-169 | 99 | 99 | 71.7 |
| GTO (BURL TF-2) | 99 | 99 | 76.7 | PSG-8BP2 | 99 | 99 | 71.7 |
| HEMI | 99 | 99 | 76.7 | PST-5BRK | 99 | 99 | 71.7 |
| INSPIRATION (PST-R5NW) | 99 | 99 | 76.7 | OLYMPUS (RAD-TF-88) | 99 | 99 | 71.7 |
| PARAMOUNT (PPG-TF-137) | 99 | 99 | 76.7 | SALTILLO (PST-5SALT) | 99 | 99 | 71.7 |
| RAIN DANCE (PST-5SDT) | 99 | 99 | 76.7 | SWAGGER (PST-5R05) | 99 | 99 | 71.7 |
| TECHNIQUE (RZ2) | 99 | 99 | 76.7 | THUNDERSTRUCK (TD1) | 99 | 99 | 71.7 |
| AQUADUCT | 99 | 99 | 75.0 | W41 | 99 | 99 | 71.7 |
| ATF 1704 | 99 | 99 | 75.0 | XTENDER (PPG-TF-139) | 99 | 99 | 71.7 |
| CATALYST | 99 | 99 | 75.0 | 4TH MILLENNIUM SRP (U43) | 99 | 99 | 70.0 |
| FIREBIRD 2 | 99 | 99 | 75.0 | ANNIHILATOR | 99 | 99 | 70.0 |
| FIRECRACKER SLS (PPG-TF-105) | 99 | 99 | 75.0 | BAR FA 121091 | 99 | 99 | 70.0 |
| UNITUS (IS-TF 289) | 99 | 99 | 75.0 | BIZEM | 99 | 99 | 70.0 |
| IS-TF 308 SEL | 99 | 99 | 75.0 | AMITY (CCR2) | 99 | 99 | 70.0 |
| MET-3 | 99 | 99 | 75.0 | F711 | 99 | 99 | 70.0 |
| PPG-TF-138 | 99 | 99 | 75.0 | FIREWALL (PSG-WE1) | 99 | 99 | 70.0 |
| PPG-TF-172 | 99 | 99 | 75.0 | FOXHOUND (IS-TF 284 M2) | 99 | 99 | 70.0 |
| PSG-PO1 | 99 | 99 | 75.0 | FRONTLINE (EXP TF-09) | 99 | 99 | 70.0 |
| PST-5EX2 | 99 | 99 | 75.0 | MEMPHIS (GO-DFR) | 99 | 99 | 70.0 |
| RAD-TF-89 | 99 | 99 | 75.0 | RHIZING MOON (IS-TF 305 SEL) | 99 | 99 | 70.0 |
| RAPTOR III (ZW 44) | 99 | 99 | 75.0 | MET 1 | 99 | 99 | 70.0 |
| ROWDY (SRX-TPC) | 99 | 99 | 75.0 | PPG-TF-115 | 99 | 99 | 70.0 |
| THOR (PPG-TF-157) | 99 | 99 | 75.0 | 'COMMANDER (PPG-TF-170) | 99 | 99 | 70.0 |
| TITANIUM 2LS (PPG-TF-152) | 99 | 99 | 75.0 | PST-5MVD | 99 | 99 | 70.0 |
| B23 | 99 | 99 | 73.3 | REFLECTION (U45) | 99 | 99 | 70.0 |
| BAR FA 121095 | 99 | 99 | 73.3 | SCREAMER LS (PPG-TF-148) | 99 | 99 | 70.0 |
| EMBRACE (PST-5EV2) | 99 | 99 | 73.3 | TEMPLE (DZ1) | 99 | 99 | 70.0 |
| FALCON IV | 99 | 99 | 73.3 | TRAVERSE 2 SRP (W45) | 99 | 99 | 70.0 |
| FAYETTE (IS-TF 291) | 99 | 99 | 73.3 | DIABLO (IS-TF 330) | 99 | 99 | 68.3 |
| GRANDE 3 | 99 | 99 | 73.3 | DYNAMITE LS (PPG-TF-145) | 99 | 99 | 68.3 |
| HOUNDOG8 (IS-TF 307 SEL) | 99 | 99 | 73.3 | IS-TF 269 SEL | 99 | 99 | 68.3 |
| IS-TF 311 | 99 | 99 | 73.3 | JS 809 | 99 | 99 | 68.3 |
| JS 819 | 99 | 99 | 73.3 | JS 818 | 99 | 99 | 68.3 |
| K12-05 | 99 | 99 | 73.3 | PPG-TF-135 | 99 | 99 | 68.3 |
| MERIDIAN (PST-5GRB) | 99 | 99 | 73.3 | TURFWAY (IS-TF 282 M2) | 99 | 99 | 68.3 |

TABLE 21. PERCENT LIVING GROUND COVER RATINGS OF TALL FESCUE CULTIVARS
 (CONT'D) IN THE 2012 NATIONAL TALL FESCUE TEST AT UNIVERSITY PARK (TRAFFIC STUDY), PA 1/
 2015 DATA

| NAME | PREWEAR 8_25 | WEAR 8_25 | POSTWEAR 11_6 |
|-----------------------------|-----------------|--------------|------------------|
| WARHAWK | 99 | 99 | 68.3 |
| BAR FA 121089 | 99 | 99 | 67.5 |
| RAD-TF-83 | 99 | 99 | 67.5 |
| MARAUDER | 99 | 99 | 66.7 |
| REGENERATE | 99 | 99 | 66.7 |
| TERRANO | 99 | 99 | 66.7 |
| CAESAR (TY 10) | 99 | 99 | 65.0 |
| HOVER (BURL TF-69) | 99 | 99 | 65.0 |
| CROSSFIRE 4 (IS-TF 310 SEL) | 99 | 99 | 65.0 |
| WICHITA (PPG-TF-151) | 99 | 99 | 65.0 |
| TEMPTATION (OR-21) | 99 | 99 | 65.0 |
| 204 RES. BLK4 | 99 | 99 | 63.3 |
| ATF 1612 | 99 | 99 | 63.3 |
| AVENGER II (PPG-TF-156) | 99 | 99 | 63.3 |
| BLACK TAIL (PPG-TF-150) | 99 | 99 | 63.3 |
| FESNOVA | 99 | 99 | 63.3 |
| PST-5BPO | 99 | 99 | 63.3 |
| ROCKWELL (LTP-TWJU) | 99 | 99 | 63.3 |
| MAESTRO (T31) | 99 | 99 | 61.7 |
| MICHELANGELO (LTP-F5DPDR) | 99 | 99 | 60.0 |
| K12-13 | 99 | 99 | 53.3 |
| KY-31 | 99 | 99 | 41.7 |
| LSD VALUE | 0 | 0 | 17.2 |
| C.V. (%) | 0 | 0 | 10.2 |

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

TABLE 22.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT KNOXVILLE, TN 1/
2015 DATA

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

| NAME | GENETIC COLOR | QUALITY RATINGS | | | | | | | | | | | | MEAN |
|------------------------------|------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| 204 RES. BLK4 | 8.0 | 8.0 | 7.3 | 8.3 | 8.3 | 9.0 | 8.3 | 8.3 | 7.7 | 7.7 | 8.7 | 9.0 | 8.7 | 8.3 |
| AVENGER II (PPG-TF-156) | 8.0 | 8.7 | 8.3 | 8.0 | 8.0 | 8.7 | 9.0 | 8.3 | 7.0 | 7.7 | 8.3 | 8.0 | 9.0 | 8.3 |
| FIRECRACKER SLS (PPG-TF-105) | 8.7 | 8.0 | 7.7 | 8.3 | 8.3 | 8.3 | 9.0 | 8.3 | 7.7 | 8.0 | 8.3 | 8.0 | 9.0 | 8.3 |
| FIREWALL (PSG-WE1) | 8.3 | 8.3 | 8.3 | 9.0 | 8.3 | 8.7 | 9.0 | 8.3 | 6.7 | 8.0 | 8.0 | 8.0 | 9.0 | 8.3 |
| FOXHOUND (IS-TF 284 M2) | 8.0 | 8.0 | 7.7 | 8.3 | 8.3 | 9.0 | 9.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.3 | 8.7 | 8.3 |
| GTO (BURL TF-2) | 8.0 | 8.7 | 8.3 | 9.0 | 8.0 | 8.0 | 8.7 | 8.7 | 7.7 | 8.0 | 8.3 | 8.3 | 8.3 | 8.3 |
| RHIZING MOON (IS-TF 305 SEL) | 8.3 | 8.7 | 8.0 | 8.0 | 8.0 | 8.3 | 9.0 | 8.7 | 6.7 | 8.0 | 8.3 | 8.3 | 9.0 | 8.3 |
| PPG-TF-115 | 8.3 | 8.3 | 8.3 | 8.3 | 8.0 | 8.3 | 9.0 | 8.3 | 7.3 | 8.0 | 8.3 | 8.3 | 8.3 | 8.3 |
| XTENDER (PPG-TF-139) | 8.7 | 8.0 | 8.0 | 8.3 | 8.3 | 9.0 | 8.7 | 8.3 | 7.7 | 7.7 | 8.0 | 8.3 | 8.7 | 8.3 |
| BIZEM | 8.0 | 7.7 | 7.3 | 8.7 | 8.7 | 8.7 | 8.3 | 8.7 | 7.3 | 8.0 | 8.0 | 8.3 | 8.7 | 8.2 |
| F711 | 8.0 | 7.7 | 7.7 | 8.0 | 7.7 | 8.7 | 8.7 | 8.3 | 8.3 | 8.0 | 8.7 | 8.3 | 8.7 | 8.2 |
| FIREBIRD 2 | 8.0 | 8.3 | 7.7 | 8.3 | 8.0 | 8.3 | 8.7 | 8.3 | 7.7 | 8.0 | 8.3 | 8.0 | 9.0 | 8.2 |
| ROCKWELL (LTP-TWUU) | 8.0 | 8.7 | 8.3 | 8.3 | 8.0 | 8.0 | 9.0 | 8.0 | 7.3 | 8.0 | 8.3 | 8.0 | 8.7 | 8.2 |
| ROWDY (SRX-TPC) | 8.0 | 8.7 | 8.0 | 8.3 | 8.3 | 8.3 | 8.7 | 8.3 | 8.0 | 7.3 | 8.0 | 8.0 | 8.3 | 8.2 |
| 4TH MILLENNIUM SRP (U43) | 8.7 | 7.7 | 7.3 | 8.7 | 8.0 | 8.0 | 8.3 | 9.0 | 8.0 | 8.0 | 8.3 | 7.7 | 8.7 | 8.1 |
| ATF 1704 | 8.0 | 8.3 | 8.3 | 8.0 | 8.0 | 8.3 | 8.7 | 8.0 | 6.7 | 7.7 | 8.0 | 8.3 | 9.0 | 8.1 |
| BULLSEYE | 8.3 | 8.0 | 7.7 | 8.3 | 8.0 | 8.3 | 8.3 | 8.3 | 7.7 | 7.7 | 8.3 | 8.0 | 8.0 | 8.1 |
| AMITY (CCR2) | 8.0 | 8.0 | 8.0 | 9.0 | 8.0 | 8.0 | 8.7 | 8.7 | 7.0 | 7.0 | 7.7 | 8.3 | 9.0 | 8.1 |
| DIABLO (IS-TF 330) | 8.3 | 7.7 | 7.7 | 8.3 | 8.3 | 8.7 | 8.0 | 8.7 | 8.0 | 8.0 | 8.0 | 8.0 | 8.3 | 8.1 |
| FAYETTE (IS-TF 291) | 8.0 | 8.0 | 7.3 | 8.0 | 8.0 | 8.3 | 8.7 | 8.0 | 7.7 | 8.0 | 8.0 | 8.3 | 8.7 | 8.1 |
| FESNOVA | 8.7 | 8.0 | 7.7 | 8.0 | 8.3 | 8.3 | 8.3 | 8.0 | 8.0 | 8.0 | 8.3 | 8.3 | 8.3 | 8.1 |
| GRANDE 3 | 8.7 | 8.0 | 8.0 | 8.3 | 8.0 | 8.0 | 8.7 | 8.0 | 7.7 | 8.3 | 8.3 | 7.7 | 8.3 | 8.1 |
| IS-TF 269 SEL | 8.3 | 8.0 | 7.7 | 8.0 | 8.3 | 8.3 | 8.3 | 9.0 | 7.3 | 7.7 | 8.0 | 8.3 | 8.7 | 8.1 |
| IS-TF 272 | 8.3 | 8.0 | 7.7 | 8.3 | 8.3 | 8.7 | 9.0 | 8.3 | 7.0 | 8.0 | 8.0 | 7.7 | 8.7 | 8.1 |
| HOUND08 (IS-TF 307 SEL) | 8.3 | 8.0 | 8.0 | 8.7 | 8.7 | 8.7 | 8.3 | 8.3 | 7.0 | 7.7 | 8.3 | 7.7 | 8.0 | 8.1 |
| IS-TF 308 SEL | 8.0 | 8.3 | 8.3 | 8.7 | 8.0 | 8.3 | 8.3 | 8.0 | 6.7 | 7.7 | 8.3 | 8.0 | 8.7 | 8.1 |
| LEONARDO (LTP-FSD) | 8.3 | 8.0 | 7.7 | 7.7 | 8.0 | 8.0 | 8.7 | 8.3 | 8.0 | 7.7 | 8.0 | 8.0 | 8.7 | 8.1 |
| MICHELANGELO (LTP-F5DPDR) | 8.0 | 8.0 | 8.3 | 8.3 | 8.0 | 8.7 | 8.3 | 8.0 | 6.7 | 8.0 | 8.0 | 8.0 | 8.7 | 8.1 |
| REBOUNDER (PICK-W43) | 8.0 | 8.3 | 8.0 | 8.3 | 8.7 | 8.3 | 8.3 | 8.3 | 6.7 | 7.3 | 8.0 | 8.0 | 8.7 | 8.1 |
| WICHITA (PPG-TF-151) | 8.3 | 8.0 | 7.7 | 8.0 | 8.0 | 8.0 | 8.7 | 8.3 | 7.3 | 7.7 | 8.0 | 8.3 | 9.0 | 8.1 |
| PPG-TF-172 | 8.3 | 8.0 | 7.7 | 8.0 | 8.0 | 8.7 | 9.0 | 7.7 | 7.3 | 8.0 | 8.0 | 7.7 | 8.7 | 8.1 |
| REFLECTION (U45) | 8.7 | 8.3 | 8.0 | 8.7 | 8.0 | 8.0 | 9.0 | 8.0 | 7.0 | 8.0 | 8.3 | 7.7 | 8.3 | 8.1 |
| RHAMBLER 2 SRP (LSD) | 8.0 | 8.0 | 7.3 | 8.0 | 8.3 | 8.0 | 8.3 | 8.0 | 8.3 | 8.0 | 8.3 | 8.0 | 8.7 | 8.1 |
| SALTILLO (PST-5SALT) | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.7 | 8.7 | 8.0 | 6.7 | 8.0 | 8.7 | 8.3 | 8.3 | 8.1 |
| TEMPLE (DZ1) | 8.3 | 8.0 | 7.3 | 7.7 | 8.3 | 8.3 | 8.3 | 8.3 | 8.0 | 7.7 | 8.0 | 8.3 | 9.0 | 8.1 |
| TEMPTATION (OR-21) | 8.0 | 8.3 | 7.7 | 8.0 | 8.0 | 8.7 | 9.0 | 8.3 | 7.0 | 7.7 | 8.0 | 8.0 | 8.7 | 8.1 |
| TITANIUM 2LS (PPG-TF-152) | 8.3 | 7.7 | 7.3 | 8.3 | 8.0 | 8.3 | 9.0 | 8.3 | 7.3 | 8.0 | 8.3 | 8.0 | 9.0 | 8.1 |
| TURFWAY (IS-TF 282 M2) | 8.0 | 7.7 | 7.7 | 8.0 | 8.3 | 8.7 | 9.0 | 8.3 | 7.0 | 7.3 | 8.0 | 8.7 | 8.3 | 8.1 |
| WARHAWK | 8.0 | 8.0 | 7.0 | 7.3 | 8.0 | 8.7 | 8.3 | 8.7 | 8.0 | 7.7 | 8.0 | 8.3 | 8.7 | 8.1 |
| ATF 1612 | 8.0 | 8.0 | 7.7 | 8.0 | 8.0 | 8.0 | 8.7 | 8.3 | 7.3 | 7.7 | 8.0 | 8.0 | 8.3 | 8.0 |
| B23 | 8.0 | 8.0 | 7.7 | 8.3 | 8.0 | 8.3 | 8.3 | 8.0 | 7.0 | 8.0 | 8.0 | 7.7 | 8.7 | 8.0 |
| DYNAMITE LS (PPG-TF-145) | 8.3 | 7.7 | 7.3 | 8.0 | 8.0 | 8.3 | 8.0 | 8.3 | 8.0 | 8.0 | 8.0 | 8.3 | 8.3 | 8.0 |
| FAITH | 8.0 | 8.0 | 7.7 | 8.7 | 8.0 | 8.0 | 8.7 | 8.0 | 7.3 | 8.0 | 8.0 | 7.3 | 8.0 | 8.0 |
| HOT ROD (BURL TF-136) | 8.3 | 8.3 | 7.7 | 8.3 | 8.3 | 8.0 | 9.0 | 7.7 | 6.3 | 8.0 | 8.0 | 7.7 | 8.3 | 8.0 |
| IS-TF 276 M2 | 8.0 | 8.0 | 8.0 | 8.3 | 8.0 | 8.0 | 8.0 | 8.0 | 7.7 | 8.0 | 8.0 | 7.7 | 8.0 | 8.0 |

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/
2015 DATA

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

| NAME | GENETIC COLOR | QUALITY RATINGS | | | | | | | | | | | | MEAN |
|-----------------------------|------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| UNITUS (IS-TF 289) | 8.0 | 8.3 | 8.0 | 8.3 | 8.0 | 8.7 | 8.7 | 8.0 | 6.3 | 7.3 | 8.3 | 8.0 | 8.0 | 8.0 |
| CROSSFIRE 4 (IS-TF 310 SEL) | 8.0 | 8.0 | 7.3 | 8.3 | 8.3 | 8.7 | 9.0 | 8.3 | 6.3 | 7.7 | 8.0 | 8.0 | 8.3 | 8.0 |
| IS-TF-287 | 8.0 | 7.7 | 7.3 | 8.3 | 8.0 | 8.3 | 9.0 | 8.0 | 7.0 | 8.0 | 8.0 | 8.3 | 8.0 | 8.0 |
| K12-05 | 8.3 | 8.0 | 8.0 | 8.3 | 8.7 | 8.7 | 8.0 | 8.3 | 8.0 | 6.7 | 7.7 | 8.0 | 8.0 | 8.0 |
| MERIDIAN (PST-5GRB) | 8.0 | 7.0 | 6.7 | 8.0 | 8.0 | 8.3 | 8.3 | 8.7 | 7.3 | 8.0 | 8.7 | 8.3 | 8.3 | 8.0 |
| MET-3 | 8.0 | 7.3 | 7.0 | 8.0 | 8.0 | 8.7 | 9.0 | 8.7 | 7.3 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 |
| PPG-TF-138 | 8.0 | 7.7 | 7.0 | 8.3 | 8.0 | 8.7 | 8.3 | 8.0 | 7.3 | 7.7 | 8.0 | 8.3 | 9.0 | 8.0 |
| 'COMMANDER (PPG-TF-170) | 8.0 | 7.7 | 7.3 | 8.3 | 7.7 | 8.0 | 9.0 | 8.3 | 7.7 | 8.0 | 8.3 | 7.7 | 8.0 | 8.0 |
| PST-5BRK | 8.3 | 7.3 | 7.0 | 8.0 | 8.0 | 8.0 | 8.3 | 8.3 | 8.0 | 8.0 | 8.3 | 8.0 | 8.3 | 8.0 |
| RAPTOR III (ZW 44) | 8.3 | 8.0 | 8.0 | 8.7 | 8.0 | 8.0 | 8.3 | 8.0 | 7.3 | 7.7 | 8.0 | 7.3 | 8.7 | 8.0 |
| SCREAMER LS (PPG-TF-148) | 8.0 | 8.0 | 7.0 | 8.0 | 8.3 | 8.3 | 8.7 | 8.3 | 6.7 | 8.0 | 8.0 | 8.0 | 8.7 | 8.0 |
| THOR (PPG-TF-157) | 8.3 | 8.0 | 7.3 | 8.0 | 8.0 | 8.0 | 8.7 | 8.3 | 6.7 | 7.3 | 8.3 | 8.3 | 9.0 | 8.0 |
| THUNDERSTRUCK (TD1) | 9.0 | 8.3 | 7.7 | 7.7 | 8.3 | 8.0 | 9.0 | 8.0 | 7.3 | 7.7 | 8.0 | 7.7 | 8.7 | 8.0 |
| W41 | 8.7 | 8.0 | 7.3 | 8.0 | 8.0 | 8.0 | 8.7 | 8.3 | 7.7 | 7.3 | 8.0 | 8.3 | 8.3 | 8.0 |
| ANNIHILATOR | 8.0 | 8.0 | 7.3 | 6.7 | 8.0 | 9.0 | 8.3 | 8.0 | 7.7 | 7.7 | 8.0 | 8.7 | 8.0 | 7.9 |
| ARES (PPG-TF-142) | 8.0 | 7.7 | 7.3 | 8.0 | 8.3 | 8.3 | 9.0 | 8.3 | 6.0 | 7.3 | 8.0 | 8.0 | 8.3 | 7.9 |
| BLACK TAIL (PPG-TF-150) | 8.3 | 7.3 | 7.3 | 8.0 | 8.3 | 8.3 | 8.0 | 8.3 | 6.7 | 7.7 | 8.0 | 8.7 | 8.3 | 7.9 |
| CAESAR (TY 10) | 8.0 | 7.7 | 7.7 | 8.0 | 8.0 | 8.3 | 8.3 | 8.0 | 7.0 | 7.3 | 8.0 | 8.0 | 8.7 | 7.9 |
| CATALYST | 8.0 | 8.0 | 7.7 | 8.3 | 8.3 | 8.0 | 8.3 | 8.0 | 7.0 | 7.7 | 8.0 | 7.3 | 7.7 | 7.9 |
| MEMPHIS (GO-DFR) | 8.3 | 7.3 | 7.0 | 7.3 | 8.0 | 8.7 | 9.0 | 8.0 | 6.3 | 7.7 | 8.0 | 8.7 | 8.3 | 7.9 |
| NIGHTCRAWLER (IS-TF 285) | 8.0 | 7.3 | 7.0 | 8.3 | 8.0 | 8.3 | 9.0 | 8.7 | 7.0 | 7.7 | 8.0 | 8.0 | 8.0 | 7.9 |
| IS-TF 311 | 8.3 | 8.3 | 7.3 | 8.3 | 8.0 | 8.0 | 8.3 | 8.0 | 6.7 | 8.0 | 8.0 | 8.0 | 8.0 | 7.9 |
| JS 916 | 8.3 | 7.0 | 7.0 | 7.7 | 8.3 | 8.0 | 8.7 | 7.7 | 8.0 | 8.0 | 8.3 | 8.3 | 8.0 | 7.9 |
| MAESTRO (T31) | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 9.0 | 8.0 | 6.7 | 7.0 | 8.0 | 8.0 | 8.7 | 7.9 |
| MARAUDER | 8.0 | 7.3 | 7.0 | 7.3 | 8.7 | 8.7 | 7.3 | 7.7 | 7.3 | 8.0 | 8.0 | 8.7 | 8.7 | 7.9 |
| BLOODHOUND (MET 6 SEL) | 8.0 | 8.0 | 8.0 | 8.3 | 8.3 | 8.0 | 8.3 | 8.3 | 6.3 | 7.7 | 8.0 | 7.3 | 8.0 | 7.9 |
| PPG-TF-135 | 8.3 | 7.7 | 7.7 | 8.7 | 8.0 | 8.3 | 8.3 | 8.7 | 6.0 | 7.3 | 7.7 | 8.0 | 8.7 | 7.9 |
| PARAMOUNT (PPG-TF-137) | 8.0 | 8.3 | 8.0 | 8.3 | 8.0 | 7.7 | 8.3 | 8.0 | 6.0 | 8.0 | 8.0 | 8.0 | 8.7 | 7.9 |
| PSG-GSD | 8.0 | 7.7 | 7.3 | 7.3 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 7.7 | 8.0 | 8.0 | 8.3 | 7.9 |
| PSG-P01 | 8.0 | 8.0 | 7.7 | 8.3 | 8.3 | 8.0 | 8.7 | 8.0 | 6.0 | 7.3 | 8.0 | 7.7 | 8.3 | 7.9 |
| PST-5EX2 | 8.0 | 7.0 | 7.0 | 8.3 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.3 | 7.9 |
| OLYMPUS (RAD-TF-88) | 8.0 | 7.3 | 7.3 | 8.0 | 8.3 | 8.3 | 8.7 | 8.7 | 6.7 | 7.3 | 8.0 | 8.0 | 7.7 | 7.9 |
| SWAGGER (PST-5R05) | 8.0 | 7.3 | 6.7 | 8.0 | 8.0 | 8.0 | 8.3 | 8.0 | 8.0 | 8.0 | 8.0 | 8.3 | 8.0 | 7.9 |
| TERRANO | 8.0 | 7.7 | 7.3 | 8.0 | 8.0 | 8.3 | 8.3 | 7.7 | 8.0 | 7.7 | 8.0 | 8.0 | 8.3 | 7.9 |
| ATF 1736 | 7.7 | 8.0 | 7.3 | 7.7 | 7.3 | 8.0 | 8.7 | 8.0 | 6.7 | 8.0 | 8.3 | 8.0 | 8.0 | 7.8 |
| ATF 1754 | 8.0 | 8.0 | 7.3 | 7.7 | 7.3 | 8.0 | 8.3 | 8.0 | 7.0 | 7.7 | 8.3 | 7.7 | 8.0 | 7.8 |
| COMP. RES. SST | 8.0 | 7.0 | 6.7 | 6.7 | 8.3 | 8.7 | 8.7 | 8.0 | 6.3 | 8.0 | 8.3 | 8.3 | 8.7 | 7.8 |
| EMBRACE (PST-5EV2) | 8.3 | 7.0 | 7.3 | 8.0 | 8.0 | 8.3 | 8.3 | 7.7 | 7.0 | 8.0 | 8.3 | 8.0 | 8.0 | 7.8 |
| FRONTLINE (EXP TF-09) | 8.0 | 7.7 | 7.3 | 7.3 | 7.7 | 8.0 | 8.7 | 7.7 | 7.7 | 8.0 | 8.3 | 7.7 | 8.0 | 7.8 |
| HEMI | 8.0 | 8.0 | 7.3 | 7.7 | 8.0 | 8.0 | 8.0 | 7.7 | 6.7 | 7.7 | 8.0 | 8.0 | 8.3 | 7.8 |
| K12-13 | 8.0 | 7.3 | 6.7 | 7.7 | 8.0 | 8.7 | 8.3 | 7.7 | 7.7 | 7.7 | 8.0 | 8.0 | 8.0 | 7.8 |
| MET 1 | 8.0 | 7.7 | 7.3 | 8.0 | 8.0 | 7.7 | 8.0 | 8.0 | 6.7 | 8.0 | 8.0 | 8.3 | 8.3 | 7.8 |
| PSG-TT4 | 8.0 | 7.7 | 7.3 | 7.7 | 7.7 | 7.7 | 8.3 | 8.0 | 7.3 | 8.0 | 8.0 | 8.0 | 7.7 | 7.8 |
| RAD-TF-92 | 8.0 | 7.3 | 7.3 | 8.3 | 8.0 | 8.3 | 8.7 | 8.3 | 6.3 | 8.0 | 8.0 | 7.3 | 8.0 | 7.8 |
| TECHNIQUE (RZ2) | 8.0 | 7.7 | 7.3 | 8.0 | 8.3 | 8.3 | 8.3 | 8.0 | 6.0 | 7.3 | 8.0 | 7.3 | 8.3 | 7.8 |

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/
2015 DATA

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

| NAME | GENETIC COLOR | QUALITY RATINGS | | | | | | | | | | | MEAN | |
|------------------------|------------------|-----------------|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|------|-----|
| | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | | DEC |
| TRAVERSE 2 SRP (W45) | 8.7 | 8.0 | 8.0 | 8.7 | 8.0 | 7.7 | 8.0 | 8.0 | 7.0 | 7.3 | 8.0 | 7.0 | 8.3 | 7.8 |
| BAR FA 121089 | 8.0 | 7.0 | 7.0 | 7.0 | 8.0 | 8.0 | 7.3 | 8.3 | 7.7 | 7.7 | 8.0 | 7.7 | 8.3 | 7.7 |
| FALCON IV | 8.0 | 7.3 | 7.3 | 8.0 | 7.7 | 7.7 | 8.0 | 8.0 | 7.3 | 7.7 | 8.0 | 7.7 | 8.0 | 7.7 |
| FALCON V | 8.7 | 7.3 | 7.0 | 8.0 | 7.7 | 8.0 | 8.3 | 8.7 | 6.7 | 6.7 | 7.7 | 7.7 | 8.3 | 7.7 |
| HOVER (BURL TF-69) | 8.0 | 7.3 | 7.3 | 8.0 | 7.3 | 8.0 | 8.7 | 8.7 | 6.7 | 7.3 | 7.7 | 7.7 | 8.0 | 7.7 |
| INSPIRATION (PST-R5NW) | 8.3 | 6.7 | 6.7 | 7.3 | 8.0 | 8.3 | 7.3 | 8.0 | 8.3 | 7.7 | 8.0 | 8.0 | 8.0 | 7.7 |
| KINGDOM (DB1) | 8.0 | 8.0 | 7.7 | 7.3 | 8.0 | 7.7 | 7.7 | 8.7 | 6.0 | 7.3 | 7.7 | 8.0 | 8.3 | 7.7 |
| PPG-TF-169 | 8.0 | 7.7 | 7.7 | 8.0 | 7.7 | 7.7 | 8.0 | 8.0 | 6.3 | 7.7 | 8.0 | 7.3 | 8.3 | 7.7 |
| PST-5BPO | 8.0 | 8.0 | 7.7 | 8.0 | 8.0 | 8.0 | 7.3 | 8.0 | 6.0 | 8.0 | 8.0 | 7.7 | 7.7 | 7.7 |
| PST-5MVD | 8.0 | 7.7 | 7.7 | 8.0 | 8.0 | 8.0 | 8.0 | 7.3 | 6.0 | 7.7 | 8.0 | 7.7 | 8.0 | 7.7 |
| REGENERATE | 8.7 | 7.7 | 7.3 | 8.3 | 8.0 | 8.3 | 8.3 | 8.3 | 6.0 | 7.3 | 8.3 | 6.7 | 8.0 | 7.7 |
| AQUADUCT | 8.0 | 7.3 | 6.7 | 6.3 | 6.7 | 7.7 | 7.7 | 8.0 | 8.3 | 8.0 | 8.0 | 8.0 | 8.0 | 7.6 |
| BAR FA 121095 | 8.3 | 6.7 | 6.7 | 7.0 | 8.0 | 8.0 | 8.0 | 8.7 | 7.7 | 7.7 | 8.0 | 7.7 | 7.7 | 7.6 |
| K12-MCD | 8.0 | 6.3 | 6.3 | 7.3 | 8.3 | 8.3 | 8.3 | 7.7 | 7.3 | 7.7 | 8.0 | 8.0 | 8.0 | 7.6 |
| PST-5DZP | 8.0 | 7.3 | 7.0 | 7.3 | 8.0 | 8.0 | 8.0 | 7.3 | 6.7 | 7.3 | 8.0 | 8.0 | 8.3 | 7.6 |
| RAD-TF-83 | 7.7 | 7.7 | 7.7 | 8.0 | 7.7 | 7.7 | 7.3 | 8.3 | 6.3 | 7.7 | 8.0 | 7.0 | 7.3 | 7.6 |
| RAD-TF-89 | 8.3 | 7.7 | 7.3 | 7.7 | 8.0 | 8.0 | 8.7 | 8.7 | 6.0 | 6.7 | 7.3 | 7.3 | 8.0 | 7.6 |
| RAIN DANCE (PST-5SDT) | 8.0 | 8.0 | 7.7 | 7.7 | 8.0 | 7.3 | 8.0 | 8.0 | 6.7 | 7.7 | 8.0 | 7.0 | 7.7 | 7.6 |
| BAR FA 121091 | 8.0 | 7.0 | 7.0 | 7.0 | 7.3 | 7.7 | 7.0 | 7.7 | 8.3 | 8.0 | 8.0 | 7.7 | 7.7 | 7.5 |
| JS 819 | 8.0 | 7.3 | 6.7 | 7.0 | 8.0 | 8.0 | 7.7 | 7.7 | 7.3 | 8.0 | 8.0 | 7.3 | 7.3 | 7.5 |
| JS 825 | 8.0 | 7.3 | 7.3 | 7.3 | 7.3 | 7.0 | 7.7 | 7.3 | 7.7 | 8.0 | 8.0 | 7.7 | 7.7 | 7.5 |
| PSG-8BP2 | 8.7 | 6.3 | 6.3 | 6.7 | 7.7 | 7.7 | 8.0 | 8.0 | 9.0 | 8.0 | 8.0 | 7.0 | 7.7 | 7.5 |
| JS 809 | 8.0 | 6.7 | 6.7 | 6.7 | 8.0 | 7.7 | 8.3 | 7.0 | 8.0 | 7.3 | 8.0 | 7.7 | 7.0 | 7.4 |
| JS 818 | 8.0 | 6.3 | 6.3 | 6.3 | 8.0 | 7.7 | 8.0 | 7.7 | 7.3 | 8.0 | 8.0 | 7.7 | 7.7 | 7.4 |
| BAR FA 120878 | 7.0 | 7.0 | 7.0 | 6.7 | 6.3 | 6.7 | 7.0 | 8.0 | 7.7 | 7.7 | 8.0 | 7.3 | 8.0 | 7.3 |
| KY-31 | 4.0 | 6.0 | 6.0 | 6.0 | 5.7 | 5.3 | 6.7 | 6.3 | 9.0 | 6.7 | 7.7 | 5.7 | 6.3 | 6.4 |
| LSD VALUE | 0.6 | 1.1 | 1.0 | 1.0 | 0.7 | 0.7 | 1.4 | 1.4 | 2.0 | 1.3 | 1.7 | 1.0 | 0.8 | 0.3 |
| C.V. (%) | 4.5 | 7.5 | 7.1 | 7.4 | 5.2 | 5.4 | 7.6 | 6.8 | 12.6 | 6.2 | 4.7 | 6.7 | 5.6 | 2.7 |

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 22. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT KNOXVILLE, TN 1/
2015 DATA

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

| NAME | PERCENT | PERCENT | PERCENT | BROWN | PERCENT PYTHIUM BLIGHT RATINGS | | | |
|------------------------------|-----------------|-----------------|---------------|---------------------|--------------------------------|---------|---------|--------|
| | COVER SPRING | COVER SUMMER | COVER FALL | PATCH WARM TEMP. | JUNE | JULY 15 | JULY 29 | AUGUST |
| 204 RES. BLK4 | 97.3 | 93.0 | 95.3 | 8.3 | 0.0 | 1.7 | 10.0 | 7.0 |
| AVENGER II (PPG-TF-156) | 97.3 | 91.0 | 94.7 | 8.3 | 0.0 | 3.3 | 12.0 | 9.0 |
| FIRECRACKER SLS (PPG-TF-105) | 97.0 | 93.7 | 95.0 | 9.0 | 0.0 | 0.0 | 9.3 | 6.3 |
| FIREWALL (PSG-WE1) | 97.0 | 88.7 | 94.7 | 9.0 | 0.0 | 4.3 | 14.3 | 11.3 |
| FOXHOUND (IS-TF 284 M2) | 97.3 | 95.7 | 94.3 | 8.0 | 0.0 | 4.0 | 7.3 | 4.3 |
| GTO (BURL TF-2) | 96.3 | 92.3 | 95.3 | 9.0 | 0.0 | 0.0 | 10.7 | 7.7 |
| RHIZING MOON (IS-TF 305 SEL) | 97.0 | 90.3 | 95.3 | 9.0 | 0.0 | 1.7 | 12.7 | 9.7 |
| PPG-TF-115 | 97.0 | 91.7 | 94.7 | 9.0 | 0.0 | 1.7 | 11.3 | 8.3 |
| XTENDER (PPG-TF-139) | 97.3 | 93.7 | 94.3 | 8.7 | 0.0 | 1.7 | 9.3 | 6.3 |
| BIZEM | 97.0 | 92.0 | 95.0 | 8.3 | 0.0 | 3.0 | 11.0 | 8.0 |
| F711 | 97.0 | 94.3 | 95.3 | 9.0 | 0.0 | 0.0 | 8.7 | 5.7 |
| FIREBIRD 2 | 97.0 | 91.7 | 95.0 | 9.0 | 0.0 | 0.0 | 11.3 | 8.3 |
| ROCKWELL (LTP-TWUU) | 97.0 | 91.3 | 95.0 | 9.0 | 0.0 | 1.7 | 11.7 | 8.7 |
| ROWDY (SRX-TPC) | 97.0 | 94.0 | 94.3 | 8.7 | 0.0 | 4.0 | 9.0 | 6.0 |
| 4TH MILLENNIUM SRP (U43) | 96.3 | 94.3 | 95.3 | 9.0 | 0.0 | 0.0 | 8.7 | 5.7 |
| ATF 1704 | 97.0 | 87.7 | 94.7 | 8.7 | 0.0 | 7.7 | 15.3 | 12.3 |
| BULLSEYE | 96.7 | 92.3 | 95.0 | 9.0 | 0.0 | 1.7 | 10.7 | 7.7 |
| AMITY (CCR2) | 97.0 | 89.0 | 93.7 | 9.0 | 3.3 | 6.0 | 14.0 | 11.0 |
| DIABLO (IS-TF 330) | 97.0 | 95.0 | 95.0 | 7.7 | 0.0 | 0.0 | 8.0 | 5.0 |
| FAYETTE (IS-TF 291) | 97.3 | 93.0 | 94.3 | 8.7 | 0.0 | 0.0 | 10.0 | 7.0 |
| FESNOVA | 97.0 | 93.0 | 95.0 | 8.7 | 0.0 | 0.0 | 10.0 | 7.0 |
| GRANDE 3 | 96.3 | 91.3 | 95.3 | 9.0 | 0.0 | 0.0 | 11.7 | 8.7 |
| IS-TF 269 SEL | 97.0 | 89.0 | 94.3 | 8.3 | 0.0 | 2.7 | 14.0 | 11.0 |
| IS-TF 272 | 97.0 | 88.3 | 94.3 | 8.3 | 0.0 | 3.3 | 14.7 | 11.7 |
| HOUNDOG8 (IS-TF 307 SEL) | 97.0 | 89.7 | 94.3 | 8.7 | 9.0 | 10.7 | 13.3 | 10.3 |
| IS-TF 308 SEL | 97.3 | 86.3 | 94.7 | 8.3 | 0.0 | 4.0 | 16.7 | 13.7 |
| LEONARDO (LTP-FSD) | 96.7 | 95.0 | 94.7 | 9.0 | 0.0 | 0.0 | 8.0 | 5.0 |
| MICHELANGELO (LTP-F5DPDR) | 97.3 | 89.7 | 95.0 | 8.3 | 0.0 | 6.0 | 13.3 | 10.3 |
| REBOUNDER (PICK-W43) | 97.0 | 85.3 | 94.0 | 8.7 | 3.3 | 18.3 | 17.7 | 14.7 |
| WICHITA (PPG-TF-151) | 97.7 | 91.0 | 94.3 | 8.7 | 0.0 | 1.7 | 12.0 | 9.0 |
| PPG-TF-172 | 96.0 | 90.7 | 94.7 | 8.7 | 2.7 | 4.3 | 12.3 | 9.3 |
| REFLECTION (U45) | 96.7 | 89.7 | 95.0 | 9.0 | 0.0 | 0.0 | 13.3 | 10.3 |
| RHAMBLER 2 SRP (LSD) | 97.3 | 97.0 | 95.3 | 9.0 | 0.0 | 0.0 | 6.0 | 3.0 |
| SALTILLO (PST-5SALT) | 97.0 | 90.3 | 95.3 | 8.7 | 0.0 | 4.3 | 12.7 | 9.7 |
| TEMPLE (DZ1) | 96.7 | 94.7 | 94.7 | 9.0 | 0.0 | 1.7 | 8.3 | 5.3 |
| TEMPTATION (OR-21) | 97.0 | 89.7 | 94.0 | 8.7 | 0.0 | 0.0 | 13.3 | 10.3 |
| TITANIUM 2LS (PPG-TF-152) | 96.7 | 92.3 | 94.7 | 9.0 | 0.0 | 0.0 | 10.7 | 7.7 |
| TURFWAY (IS-TF 282 M2) | 97.7 | 86.3 | 94.3 | 8.3 | 3.3 | 10.0 | 16.7 | 13.7 |
| WARHAWK | 97.3 | 94.3 | 94.7 | 8.3 | 0.0 | 0.0 | 8.7 | 5.7 |
| ATF 1612 | 96.7 | 91.3 | 94.3 | 9.0 | 0.0 | 0.0 | 11.7 | 8.7 |
| B23 | 96.7 | 89.7 | 94.0 | 9.0 | 0.0 | 1.7 | 13.3 | 10.3 |
| DYNAMITE LS (PPG-TF-145) | 96.3 | 95.0 | 94.3 | 7.7 | 0.0 | 8.0 | 8.0 | 5.0 |
| FAITH | 96.7 | 93.0 | 94.7 | 8.3 | 0.0 | 2.0 | 10.0 | 7.0 |
| HOT ROD (BURL TF-136) | 96.7 | 86.7 | 94.3 | 8.7 | 2.0 | 7.3 | 16.3 | 13.3 |
| IS-TF 276 M2 | 96.7 | 92.0 | 94.3 | 8.0 | 1.7 | 5.7 | 11.0 | 8.0 |

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/
2015 DATA

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

| NAME | PERCENT | PERCENT | PERCENT | BROWN | PERCENT PYTHIUM BLIGHT RATINGS | | | |
|-----------------------------|-----------------|-----------------|---------------|---------------------|--------------------------------|---------|---------|--------|
| | COVER SPRING | COVER SUMMER | COVER FALL | PATCH WARM TEMP. | JUNE | JULY 15 | JULY 29 | AUGUST |
| UNITUS (IS-TF 289) | 97.0 | 88.0 | 94.3 | 8.0 | 0.0 | 0.0 | 15.0 | 12.0 |
| CROSSFIRE 4 (IS-TF 310 SEL) | 97.0 | 89.0 | 94.0 | 9.0 | 0.0 | 1.7 | 14.0 | 11.0 |
| IS-TF-287 | 97.0 | 89.7 | 94.7 | 8.3 | 0.0 | 2.0 | 13.3 | 10.3 |
| K12-05 | 97.0 | 95.7 | 93.0 | 7.3 | 0.0 | 7.3 | 7.3 | 4.3 |
| MERIDIAN (PST-5GRB) | 97.3 | 92.0 | 95.3 | 8.3 | 0.0 | 0.0 | 11.0 | 8.0 |
| MET-3 | 96.3 | 92.7 | 94.3 | 8.7 | 0.0 | 0.0 | 10.3 | 7.3 |
| PPG-TF-138 | 96.7 | 90.3 | 94.3 | 8.3 | 0.0 | 2.0 | 12.7 | 9.7 |
| 'COMMANDER (PPG-TF-170) | 96.3 | 93.7 | 95.0 | 9.0 | 0.0 | 0.0 | 9.3 | 6.3 |
| PST-5BRK | 97.3 | 94.7 | 95.3 | 9.0 | 0.0 | 0.0 | 8.3 | 5.3 |
| RAPTOR III (ZW 44) | 97.3 | 91.7 | 94.3 | 8.7 | 0.0 | 0.0 | 11.3 | 8.3 |
| SCREAMER LS (PPG-TF-148) | 96.7 | 88.0 | 94.7 | 9.0 | 0.0 | 1.7 | 15.0 | 12.0 |
| THOR (PPG-TF-157) | 97.7 | 88.3 | 94.3 | 8.3 | 0.0 | 7.0 | 14.7 | 11.7 |
| THUNDERSTRUCK (TD1) | 96.3 | 93.3 | 94.3 | 8.7 | 0.0 | 1.7 | 9.7 | 6.7 |
| W41 | 96.3 | 91.3 | 94.7 | 8.7 | 2.0 | 4.0 | 11.7 | 8.7 |
| ANNIHILATOR | 97.3 | 92.3 | 94.7 | 8.7 | 0.0 | 7.7 | 10.7 | 7.7 |
| ARES (PPG-TF-142) | 96.3 | 81.3 | 93.7 | 8.3 | 0.0 | 0.0 | 21.7 | 18.7 |
| BLACK TAIL (PPG-TF-150) | 96.0 | 88.0 | 94.7 | 9.0 | 6.7 | 3.3 | 15.0 | 12.0 |
| CAESAR (TY 10) | 97.3 | 86.0 | 94.3 | 8.7 | 3.3 | 4.0 | 17.0 | 14.0 |
| CATALYST | 96.7 | 89.7 | 94.7 | 9.0 | 0.0 | 0.0 | 13.3 | 10.3 |
| MEMPHIS (GO-DFR) | 96.7 | 89.0 | 94.3 | 8.3 | 0.0 | 3.3 | 14.0 | 11.0 |
| NIGHTCRAWLER (IS-TF 285) | 96.7 | 89.7 | 94.3 | 8.7 | 0.0 | 1.7 | 13.3 | 10.3 |
| IS-TF 311 | 96.7 | 90.0 | 94.0 | 8.0 | 0.0 | 4.3 | 13.0 | 10.0 |
| JS 916 | 97.0 | 94.7 | 95.0 | 8.0 | 0.0 | 2.0 | 8.3 | 5.3 |
| MAESTRO (T31) | 96.3 | 86.3 | 94.0 | 8.7 | 4.0 | 9.0 | 16.7 | 13.7 |
| MARAUDER | 97.3 | 91.3 | 95.0 | 7.7 | 0.0 | 0.0 | 11.7 | 8.7 |
| BLOODHOUND (MET 6 SEL) | 97.0 | 87.3 | 94.7 | 8.7 | 0.0 | 3.0 | 15.7 | 12.7 |
| PPG-TF-135 | 97.3 | 85.7 | 93.7 | 9.0 | 2.7 | 1.7 | 17.3 | 14.3 |
| PARAMOUNT (PPG-TF-137) | 97.0 | 84.0 | 95.0 | 9.0 | 0.0 | 6.3 | 19.0 | 16.0 |
| PSG-GSD | 97.3 | 94.3 | 94.7 | 9.0 | 0.0 | 0.0 | 8.7 | 5.7 |
| PSG-P01 | 96.7 | 84.7 | 94.0 | 9.0 | 0.0 | 3.3 | 18.3 | 15.3 |
| PST-5EX2 | 97.0 | 95.3 | 95.0 | 9.0 | 0.0 | 0.0 | 7.7 | 4.7 |
| OLYMPUS (RAD-TF-88) | 96.3 | 88.3 | 94.0 | 8.7 | 0.0 | 7.0 | 14.7 | 11.7 |
| SWAGGER (PST-5R05) | 97.3 | 94.3 | 95.0 | 8.3 | 0.0 | 0.0 | 8.7 | 5.7 |
| TERRANO | 97.3 | 94.0 | 94.7 | 8.3 | 0.0 | 0.0 | 9.0 | 6.0 |
| ATF 1736 | 96.3 | 90.0 | 95.0 | 9.0 | 0.0 | 0.0 | 13.0 | 10.0 |
| ATF 1754 | 97.0 | 89.0 | 94.3 | 8.7 | 0.0 | 4.7 | 14.0 | 11.0 |
| COMP. RES. SST | 97.3 | 87.3 | 95.3 | 8.0 | 0.0 | 0.0 | 15.7 | 12.7 |
| EMBRACE (PST-5EV2) | 97.3 | 91.3 | 95.3 | 8.3 | 0.0 | 3.3 | 11.7 | 8.7 |
| FRONTLINE (EXP TF-09) | 97.0 | 93.0 | 94.0 | 8.7 | 0.0 | 0.0 | 10.0 | 7.0 |
| HEMI | 96.7 | 88.7 | 94.0 | 9.0 | 0.0 | 2.0 | 14.3 | 11.3 |
| K12-13 | 97.0 | 93.0 | 94.3 | 8.0 | 0.0 | 0.0 | 10.0 | 7.0 |
| MET 1 | 96.7 | 88.7 | 95.0 | 8.7 | 0.0 | 0.0 | 14.3 | 11.3 |
| PSG-TT4 | 96.7 | 92.3 | 95.0 | 8.3 | 0.0 | 4.0 | 10.7 | 7.7 |
| RAD-TF-92 | 96.7 | 86.3 | 94.0 | 8.7 | 1.7 | 6.7 | 16.7 | 13.7 |
| TECHNIQUE (RZ2) | 97.3 | 84.7 | 93.7 | 8.7 | 2.7 | 3.3 | 18.3 | 15.3 |

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/
2015 DATA

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

| NAME | PERCENT | PERCENT | PERCENT | BROWN | PERCENT PYTHIUM BLIGHT RATINGS | | | |
|------------------------|-----------------|-----------------|---------------|---------------------|--------------------------------|---------|---------|--------|
| | COVER SPRING | COVER SUMMER | COVER FALL | PATCH WARM TEMP. | JUNE | JULY 15 | JULY 29 | AUGUST |
| TRAVERSE 2 SRP (W45) | 96.7 | 91.3 | 94.0 | 8.7 | 0.0 | 0.0 | 11.7 | 8.7 |
| BAR FA 121089 | 96.3 | 89.7 | 94.7 | 8.0 | 1.7 | 2.7 | 13.3 | 10.3 |
| FALCON IV | 96.0 | 92.3 | 94.3 | 9.0 | 0.0 | 2.0 | 10.7 | 7.7 |
| FALCON V | 96.3 | 90.0 | 93.3 | 9.0 | 0.0 | 0.0 | 13.0 | 10.0 |
| HOVER (BURL TF-69) | 96.0 | 86.3 | 93.0 | 8.3 | 0.0 | 5.7 | 16.7 | 13.7 |
| INSPIRATION (PST-R5NW) | 97.0 | 94.7 | 94.7 | 8.0 | 0.0 | 0.0 | 8.3 | 5.3 |
| KINGDOM (DB1) | 96.3 | 84.7 | 93.3 | 8.3 | 0.0 | 1.7 | 18.3 | 15.3 |
| PPG-TF-169 | 96.7 | 89.0 | 94.0 | 8.7 | 0.0 | 6.7 | 14.0 | 11.0 |
| PST-5BPO | 96.3 | 88.0 | 94.3 | 8.0 | 3.3 | 7.3 | 15.0 | 12.0 |
| PST-5MVD | 96.3 | 84.0 | 94.7 | 8.3 | 4.0 | 8.3 | 19.0 | 16.0 |
| REGENERATE | 96.7 | 84.0 | 94.3 | 8.7 | 5.0 | 7.0 | 19.0 | 16.0 |
| AQUADUCT | 97.0 | 95.3 | 94.7 | 8.3 | 0.0 | 0.0 | 7.7 | 4.7 |
| BAR FA 121095 | 96.3 | 92.0 | 94.7 | 8.3 | 0.0 | 6.7 | 11.0 | 8.0 |
| K12-MCD | 97.3 | 93.3 | 94.3 | 8.7 | 2.7 | 1.7 | 9.7 | 6.7 |
| PST-5DZP | 96.7 | 88.0 | 94.3 | 8.0 | 0.0 | 3.0 | 15.0 | 12.0 |
| RAD-TF-83 | 96.0 | 86.3 | 94.0 | 8.0 | 0.0 | 5.3 | 16.7 | 13.7 |
| RAD-TF-89 | 96.0 | 82.3 | 92.0 | 9.0 | 1.7 | 7.7 | 20.7 | 17.7 |
| RAIN DANCE (PST-5SDT) | 97.0 | 88.7 | 94.0 | 7.7 | 0.0 | 3.7 | 14.3 | 11.3 |
| BAR FA 121091 | 96.7 | 95.7 | 94.3 | 7.3 | 0.0 | 0.0 | 7.3 | 4.3 |
| JS 819 | 97.0 | 91.7 | 94.0 | 7.7 | 0.0 | 0.0 | 11.3 | 8.3 |
| JS 825 | 96.0 | 93.7 | 94.7 | 7.7 | 0.0 | 7.7 | 9.3 | 6.3 |
| PSG-8BP2 | 96.7 | 98.0 | 94.0 | 9.0 | 0.0 | 0.0 | 5.0 | 2.0 |
| JS 809 | 96.0 | 95.0 | 94.0 | 6.7 | 0.0 | 2.3 | 8.0 | 5.0 |
| JS 818 | 97.0 | 93.7 | 94.7 | 9.0 | 0.0 | 0.0 | 9.3 | 6.3 |
| BAR FA 120878 | 96.0 | 93.0 | 94.3 | 7.3 | 0.0 | 2.0 | 10.0 | 7.0 |
| KY-31 | 96.7 | 97.3 | 92.3 | 8.3 | 0.0 | 0.0 | 5.7 | 2.7 |
| LSD VALUE | 0.9 | 9.6 | 2.4 | 1.5 | 6.6 | 9.5 | 9.6 | 9.6 |
| C.V. (%) | 0.5 | 4.9 | 0.9 | 7.6 | 383.6 | 150.9 | 36.0 | 47.6 |

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 23.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT KNOXVILLE (TRAFFIC STUDY), TN 1/
2015 DATA

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

| NAME | GENETIC COLOR | QUALITY RATINGS | | | | | | | | | QUALITY RATINGS | | | |
|------------------------------|------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|--------|---------------------------------|------------------------------------|------------------------------|-------------------------------|
| | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP 12 | PRETRAFFIC OCT 13 10 GAME | AFTER TRAFFIC NOV 17 20 GAME | RECOVERY DEC 1 2-WEEKS | RECOVERY DEC 15 1-MONTH |
| FIRECRACKER SLS (PPG-TF-105) | 7.0 | 7.3 | 7.3 | 8.0 | 7.7 | 8.3 | 8.0 | 8.0 | 8.0 | 7.7 | 7.7 | 7.7 | 7.3 | 7.3 |
| ARES (PPG-TF-142) | 7.7 | 7.3 | 7.3 | 8.0 | 8.0 | 8.7 | 9.0 | 8.7 | 7.7 | 8.7 | 7.7 | 7.3 | 7.3 | 7.0 |
| FALCON IV | 6.7 | 7.3 | 7.3 | 8.0 | 8.3 | 8.7 | 8.0 | 8.0 | 8.3 | 7.0 | 7.3 | 7.3 | 7.3 | 7.0 |
| HEMI | 7.0 | 8.3 | 8.0 | 8.0 | 8.7 | 8.3 | 8.0 | 8.3 | 8.7 | 7.7 | 6.7 | 8.0 | 7.3 | 7.0 |
| RAD-TF-89 | 7.0 | 8.0 | 8.0 | 8.3 | 8.0 | 8.0 | 8.3 | 7.7 | 8.0 | 8.0 | 6.7 | 6.7 | 6.7 | 7.0 |
| WARHAWK | 6.3 | 8.3 | 8.0 | 8.0 | 8.0 | 8.7 | 8.0 | 8.0 | 8.7 | 8.0 | 7.3 | 7.7 | 7.7 | 7.0 |
| ATF 1612 | 7.0 | 7.3 | 7.0 | 7.7 | 8.0 | 8.7 | 8.0 | 8.0 | 8.3 | 8.0 | 6.7 | 7.3 | 7.0 | 6.7 |
| ATF 1736 | 7.0 | 8.3 | 8.0 | 8.0 | 8.0 | 9.0 | 8.0 | 8.3 | 8.0 | 8.0 | 7.3 | 8.0 | 7.3 | 6.7 |
| AVENGER II (PPG-TF-156) | 7.0 | 8.0 | 7.7 | 8.0 | 8.0 | 8.7 | 8.0 | 8.3 | 8.7 | 8.0 | 7.0 | 7.3 | 7.0 | 6.7 |
| B23 | 7.3 | 6.7 | 6.7 | 7.3 | 7.7 | 8.3 | 8.7 | 8.3 | 8.0 | 8.3 | 6.7 | 7.0 | 6.7 | 6.7 |
| BAR FA 121089 | 7.0 | 7.3 | 7.3 | 7.7 | 8.0 | 8.0 | 7.7 | 7.3 | 8.7 | 7.7 | 7.0 | 7.3 | 7.3 | 6.7 |
| CROSSFIRE 4 (IS-TF 310 SEL) | 7.3 | 8.0 | 7.3 | 7.7 | 8.3 | 9.0 | 8.3 | 8.7 | 8.0 | 8.3 | 7.3 | 7.3 | 6.7 | 6.7 |
| FALCON V | 6.3 | 8.0 | 7.7 | 7.7 | 8.3 | 8.7 | 8.0 | 8.0 | 8.0 | 7.7 | 7.0 | 7.7 | 7.3 | 6.7 |
| FAYETTE (IS-TF 291) | 7.3 | 7.3 | 7.3 | 7.7 | 8.0 | 8.3 | 8.3 | 8.7 | 8.3 | 8.3 | 7.0 | 7.0 | 7.0 | 6.7 |
| FESNOVA | 7.0 | 7.3 | 7.7 | 7.7 | 8.3 | 8.7 | 8.0 | 8.0 | 8.3 | 7.7 | 7.3 | 7.0 | 6.3 | 6.7 |
| K12-05 | 6.7 | 7.0 | 7.0 | 7.3 | 8.0 | 9.0 | 8.7 | 8.7 | 8.3 | 8.0 | 7.7 | 7.0 | 7.0 | 6.7 |
| K12-13 | 7.7 | 7.3 | 7.0 | 7.7 | 8.3 | 8.7 | 8.7 | 8.7 | 8.3 | 8.3 | 7.0 | 7.0 | 7.0 | 6.7 |
| MAESTRO (T31) | 7.3 | 8.0 | 7.7 | 8.3 | 8.3 | 8.7 | 8.0 | 8.7 | 8.0 | 8.0 | 7.0 | 7.0 | 7.0 | 6.7 |
| PPG-TF-115 | 7.0 | 7.7 | 7.3 | 8.3 | 8.0 | 8.7 | 8.0 | 8.3 | 8.3 | 7.7 | 7.3 | 7.3 | 7.0 | 6.7 |
| PPG-TF-169 | 7.0 | 7.7 | 8.0 | 7.7 | 8.7 | 8.3 | 8.0 | 8.0 | 8.0 | 8.0 | 6.7 | 7.0 | 7.0 | 6.7 |
| PST-5DZP | 7.0 | 7.7 | 7.3 | 7.7 | 8.7 | 9.0 | 8.3 | 8.0 | 8.3 | 8.0 | 7.7 | 7.3 | 7.3 | 6.7 |
| RAPTOR III (ZW 44) | 7.0 | 7.7 | 7.0 | 7.7 | 8.3 | 8.0 | 8.3 | 9.0 | 8.3 | 8.0 | 7.0 | 7.3 | 7.0 | 6.7 |
| RHAMBLER 2 SRP (LSD) | 7.3 | 7.7 | 7.3 | 7.7 | 8.3 | 8.7 | 8.0 | 8.3 | 8.0 | 7.7 | 7.0 | 7.7 | 7.0 | 6.7 |
| RHIZING MOON (IS-TF 305 SEL) | 7.7 | 8.0 | 7.7 | 7.7 | 8.7 | 9.0 | 8.3 | 9.0 | 8.3 | 8.7 | 7.3 | 7.7 | 7.0 | 6.7 |
| ROWDY (SRX-TPC) | 7.7 | 7.0 | 7.0 | 7.3 | 7.7 | 8.7 | 8.3 | 8.0 | 8.3 | 8.3 | 7.0 | 7.7 | 6.7 | 6.7 |
| TEMPTATION (OR-21) | 7.7 | 8.0 | 7.7 | 8.3 | 8.7 | 8.7 | 8.3 | 8.7 | 8.0 | 8.3 | 7.0 | 7.0 | 6.7 | 6.7 |
| THOR (PPG-TF-157) | 6.7 | 7.0 | 7.0 | 8.0 | 8.0 | 8.3 | 8.3 | 8.7 | 8.0 | 7.7 | 7.0 | 6.7 | 6.7 | 6.7 |
| TITANIUM 2LS (PPG-TF-152) | 6.7 | 7.3 | 7.3 | 7.7 | 8.0 | 8.3 | 8.3 | 8.0 | 8.3 | 8.0 | 7.0 | 7.3 | 7.0 | 6.7 |
| TRAVERSE 2 SRP (W45) | 8.0 | 8.0 | 8.0 | 8.0 | 9.0 | 9.0 | 8.0 | 8.7 | 8.7 | 7.7 | 6.3 | 7.0 | 7.0 | 6.7 |
| TURFWAY (IS-TF 282 M2) | 7.7 | 7.3 | 7.3 | 8.3 | 8.0 | 9.0 | 8.7 | 8.7 | 8.3 | 8.7 | 6.3 | 7.0 | 6.7 | 6.7 |
| WICHITA (PPG-TF-151) | 7.3 | 8.0 | 7.7 | 7.7 | 8.3 | 8.3 | 8.0 | 8.0 | 8.3 | 8.0 | 7.0 | 7.7 | 7.3 | 6.7 |
| 4TH MILLENNIUM SRP (U43) | 7.3 | 7.3 | 7.3 | 7.7 | 8.0 | 7.0 | 7.0 | 8.3 | 8.7 | 8.0 | 6.0 | 7.3 | 6.3 | 6.3 |
| ATF 1704 | 7.0 | 7.7 | 7.3 | 7.7 | 8.3 | 8.7 | 8.0 | 8.3 | 8.3 | 8.3 | 7.0 | 7.0 | 6.3 | 6.3 |
| DIABLO (IS-TF 330) | 7.3 | 7.3 | 7.0 | 7.3 | 7.7 | 8.7 | 8.3 | 9.0 | 8.3 | 8.3 | 8.0 | 7.3 | 6.7 | 6.3 |
| DYNAMITE LS (PPG-TF-145) | 7.0 | 6.3 | 6.7 | 7.0 | 7.7 | 8.7 | 8.3 | 8.7 | 9.0 | 8.3 | 6.7 | 6.7 | 6.7 | 6.3 |
| FIREWALL (PSG-WE1) | 7.3 | 7.3 | 7.0 | 7.7 | 8.3 | 8.7 | 8.3 | 8.7 | 8.7 | 8.3 | 7.0 | 7.3 | 6.7 | 6.3 |
| FOXHOUND (IS-TF 284 M2) | 7.7 | 8.0 | 8.0 | 8.0 | 8.3 | 9.0 | 8.7 | 8.7 | 8.3 | 8.0 | 7.0 | 7.0 | 6.3 | 6.3 |
| GRANDE 3 | 7.0 | 7.7 | 7.3 | 8.3 | 8.7 | 8.7 | 8.3 | 8.7 | 8.7 | 7.7 | 7.3 | 7.3 | 7.3 | 6.3 |
| HOT ROD (BURL TF-136) | 7.3 | 7.7 | 7.3 | 8.0 | 8.3 | 9.0 | 8.3 | 8.7 | 8.3 | 8.3 | 6.3 | 7.3 | 7.0 | 6.3 |
| INSPIRATION (PST-R5NW) | 7.3 | 7.3 | 6.7 | 7.3 | 8.0 | 8.3 | 8.0 | 8.3 | 8.7 | 8.0 | 8.0 | 7.3 | 6.3 | 6.3 |
| IS-TF 269 SEL | 7.7 | 7.0 | 6.7 | 7.3 | 8.0 | 9.0 | 8.3 | 9.0 | 9.0 | 8.3 | 6.7 | 6.7 | 6.0 | 6.3 |
| IS-TF 272 | 7.3 | 7.3 | 7.0 | 7.7 | 8.0 | 9.0 | 9.0 | 8.3 | 8.0 | 8.3 | 7.3 | 7.3 | 6.7 | 6.3 |
| IS-TF 276 M2 | 7.0 | 7.0 | 7.3 | 7.0 | 8.0 | 9.0 | 8.3 | 8.3 | 8.3 | 8.0 | 7.7 | 7.3 | 6.7 | 6.3 |
| IS-TF 308 SEL | 7.0 | 7.3 | 7.0 | 7.0 | 8.0 | 8.3 | 8.7 | 9.0 | 8.3 | 8.0 | 7.3 | 6.7 | 6.7 | 6.3 |
| IS-TF-287 | 6.7 | 7.3 | 7.0 | 8.0 | 8.3 | 8.3 | 8.3 | 8.3 | 8.7 | 7.7 | 7.3 | 6.7 | 6.3 | 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/
2015 DATA

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

| NAME | GENETIC COLOR | QUALITY RATINGS | | | | | | | | QUALITY RATINGS | | | | |
|--------------------------|------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|----------------------|------------------------------------|------------------------------|------------------------------|-------------------------------|
| | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | PRETRAFFIC SEP 12 | AFTER TRAFFIC OCT 13 10 GAME | TRAFFIC NOV 17 20 GAME | RECOVERY DEC 1 2-WEEKS | RECOVERY DEC 15 1-MONTH |
| K12-MCD | 6.7 | 7.0 | 6.7 | 7.3 | 7.7 | 8.3 | 8.0 | 7.7 | 7.7 | 7.3 | 7.0 | 6.7 | 6.0 | 6.3 |
| LEONARDO (LTP-FSD) | 7.0 | 7.7 | 7.7 | 7.7 | 8.7 | 8.3 | 8.0 | 8.0 | 8.3 | 7.7 | 6.7 | 6.7 | 6.7 | 6.3 |
| MEMPHIS (GO-DFR) | 7.0 | 7.7 | 7.7 | 8.3 | 9.0 | 9.0 | 7.3 | 8.0 | 8.0 | 8.0 | 7.7 | 6.7 | 7.0 | 6.3 |
| NIGHTCRAWLER (IS-TF 285) | 7.3 | 7.0 | 7.7 | 7.0 | 8.0 | 8.3 | 8.0 | 8.3 | 8.7 | 7.7 | 6.7 | 6.3 | 6.0 | 6.3 |
| PARAMOUNT (PPG-TF-137) | 7.0 | 7.3 | 7.0 | 7.3 | 7.7 | 8.7 | 8.3 | 8.0 | 8.3 | 8.0 | 6.7 | 7.0 | 6.3 | 6.3 |
| 'COMMANDER (PPG-TF-170) | 7.3 | 7.3 | 6.7 | 7.3 | 8.0 | 8.3 | 8.3 | 8.3 | 8.0 | 7.7 | 7.3 | 7.3 | 6.7 | 6.3 |
| PSG-8BP2 | 7.0 | 7.3 | 7.0 | 7.7 | 7.7 | 8.3 | 8.0 | 8.0 | 8.0 | 7.7 | 7.3 | 7.3 | 6.7 | 6.3 |
| PSG-PO1 | 7.0 | 7.0 | 7.3 | 8.0 | 8.0 | 8.0 | 8.3 | 8.3 | 8.3 | 8.3 | 6.7 | 6.7 | 6.7 | 6.3 |
| PST-5BPO | 7.0 | 7.3 | 7.3 | 8.0 | 8.0 | 8.3 | 8.0 | 8.3 | 8.0 | 7.7 | 7.3 | 6.7 | 6.7 | 6.3 |
| PST-5MVD | 6.3 | 7.0 | 6.7 | 7.3 | 7.7 | 8.7 | 8.0 | 8.7 | 8.0 | 7.7 | 7.7 | 6.3 | 6.3 | 6.3 |
| REFLECTION (U45) | 7.7 | 7.7 | 7.3 | 8.0 | 8.0 | 9.0 | 8.3 | 8.7 | 9.0 | 8.0 | 7.0 | 7.3 | 7.0 | 6.3 |
| SCREAMER LS (PPG-TF-148) | 7.0 | 7.0 | 6.7 | 8.0 | 8.0 | 8.3 | 8.7 | 8.0 | 8.0 | 8.0 | 6.3 | 7.0 | 6.3 | 6.3 |
| TEMPLE (DZ1) | 7.3 | 7.7 | 8.0 | 7.3 | 8.0 | 8.0 | 8.0 | 8.3 | 8.3 | 8.0 | 5.0 | 6.7 | 6.0 | 6.3 |
| THUNDERSTRUCK (TD1) | 8.0 | 8.0 | 7.7 | 7.7 | 8.0 | 8.3 | 8.3 | 8.7 | 8.0 | 8.3 | 6.3 | 7.3 | 6.7 | 6.3 |
| UNITUS (IS-TF 289) | 7.0 | 7.3 | 7.3 | 7.7 | 8.3 | 9.0 | 8.7 | 8.3 | 8.0 | 8.0 | 7.7 | 6.3 | 6.7 | 6.3 |
| XTENDER (PPG-TF-139) | 7.3 | 7.3 | 7.0 | 7.7 | 8.0 | 8.7 | 8.7 | 8.3 | 8.3 | 8.3 | 7.0 | 7.0 | 6.7 | 6.3 |
| AMITY (CCR2) | 7.0 | 7.0 | 6.7 | 8.0 | 8.0 | 8.7 | 8.3 | 8.7 | 8.3 | 8.0 | 6.3 | 6.3 | 6.0 | 6.0 |
| AQUADUCT | 6.3 | 7.3 | 7.3 | 7.7 | 8.0 | 8.3 | 8.0 | 8.0 | 8.0 | 7.3 | 7.3 | 7.0 | 6.3 | 6.0 |
| ATF 1754 | 6.3 | 7.7 | 7.7 | 7.7 | 8.3 | 9.0 | 8.0 | 8.0 | 8.0 | 7.7 | 6.0 | 7.0 | 6.7 | 6.0 |
| BAR FA 120878 | 6.0 | 6.7 | 6.3 | 7.0 | 7.3 | 7.3 | 7.3 | 7.7 | 8.0 | 7.3 | 7.0 | 6.0 | 6.0 | 6.0 |
| BAR FA 121091 | 6.7 | 8.0 | 7.3 | 7.7 | 7.7 | 8.3 | 8.0 | 8.3 | 8.3 | 7.7 | 7.7 | 6.7 | 6.0 | 6.0 |
| BAR FA 121095 | 6.0 | 7.3 | 7.0 | 7.3 | 8.0 | 8.0 | 7.7 | 8.3 | 8.3 | 7.0 | 7.7 | 6.3 | 6.0 | 6.0 |
| BIZEM | 7.0 | 7.0 | 6.7 | 7.3 | 8.0 | 8.7 | 8.3 | 8.3 | 9.0 | 8.0 | 7.0 | 6.3 | 6.0 | 6.0 |
| CATALYST | 7.0 | 7.0 | 6.7 | 8.0 | 8.3 | 8.7 | 8.0 | 8.0 | 8.0 | 8.0 | 6.3 | 6.0 | 6.0 | 6.0 |
| COMP. RES. SST | 6.3 | 7.0 | 6.7 | 7.3 | 7.7 | 8.0 | 8.0 | 8.3 | 8.3 | 7.7 | 5.7 | 7.0 | 6.3 | 6.0 |
| EMBRACE (PST-5EV2) | 6.7 | 7.0 | 6.3 | 7.0 | 7.3 | 8.3 | 8.3 | 8.3 | 8.3 | 7.7 | 7.0 | 6.3 | 6.3 | 6.0 |
| F711 | 7.3 | 7.0 | 7.0 | 7.7 | 7.7 | 8.0 | 8.3 | 8.7 | 8.3 | 8.3 | 6.7 | 6.7 | 6.3 | 6.0 |
| FAITH | 7.3 | 7.0 | 7.0 | 7.3 | 8.0 | 8.0 | 8.0 | 8.7 | 8.3 | 8.0 | 6.7 | 7.0 | 6.3 | 6.0 |
| FIREBIRD 2 | 6.7 | 7.7 | 7.0 | 7.0 | 8.0 | 7.7 | 7.3 | 8.3 | 8.0 | 7.0 | 6.3 | 6.3 | 6.3 | 6.0 |
| FRONTLINE (EXP TF-09) | 7.0 | 7.0 | 7.0 | 7.3 | 8.3 | 8.7 | 8.0 | 8.0 | 8.3 | 7.7 | 7.0 | 6.3 | 6.3 | 6.0 |
| GTO (BURL TF-2) | 7.3 | 8.0 | 7.0 | 8.3 | 8.7 | 9.0 | 8.0 | 8.3 | 8.3 | 8.0 | 7.0 | 7.3 | 6.7 | 6.0 |
| HOVER (BURL TF-69) | 7.0 | 7.0 | 7.0 | 7.7 | 8.0 | 8.3 | 8.3 | 8.3 | 8.3 | 7.7 | 7.0 | 7.0 | 6.7 | 6.0 |
| IS-TF 311 | 6.7 | 7.3 | 7.0 | 8.0 | 8.3 | 9.0 | 8.3 | 8.3 | 8.3 | 7.7 | 7.3 | 6.7 | 6.7 | 6.0 |
| MERIDIAN (PST-5GRB) | 6.3 | 7.0 | 6.7 | 7.7 | 8.3 | 9.0 | 8.0 | 8.0 | 8.3 | 8.3 | 7.7 | 7.0 | 6.3 | 6.0 |
| MET 1 | 7.0 | 7.3 | 6.7 | 7.3 | 7.3 | 8.0 | 8.0 | 8.7 | 8.7 | 8.0 | 7.3 | 7.0 | 6.7 | 6.0 |
| OLYMPUS (RAD-TF-88) | 6.0 | 7.3 | 6.3 | 7.0 | 8.0 | 8.0 | 8.7 | 8.7 | 8.3 | 7.3 | 7.7 | 7.0 | 6.7 | 6.0 |
| PPG-TF-135 | 7.3 | 7.0 | 6.7 | 7.0 | 7.7 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 | 5.7 | 6.0 | 6.0 | 6.0 |
| PPG-TF-172 | 7.0 | 7.3 | 7.3 | 7.7 | 8.7 | 9.0 | 8.3 | 8.3 | 8.3 | 8.0 | 7.3 | 7.3 | 6.7 | 6.0 |
| PSG-GSD | 6.0 | 7.3 | 7.0 | 7.0 | 7.3 | 8.0 | 7.7 | 8.0 | 8.0 | 7.7 | 7.0 | 7.0 | 6.7 | 6.0 |
| RAD-TF-92 | 6.3 | 7.3 | 7.3 | 8.0 | 8.0 | 8.7 | 9.0 | 8.7 | 7.7 | 7.0 | 6.3 | 6.7 | 6.3 | 6.0 |
| ROCKWELL (LTP-TWUU) | 7.7 | 7.7 | 7.3 | 8.0 | 8.3 | 8.3 | 8.3 | 8.3 | 8.0 | 8.0 | 6.7 | 7.0 | 6.3 | 6.0 |
| SALTILLO (PST-5SALT) | 6.0 | 7.0 | 6.7 | 7.3 | 7.7 | 8.3 | 8.0 | 8.3 | 8.0 | 7.7 | 7.0 | 6.7 | 6.3 | 6.0 |
| TERRANO | 7.0 | 7.3 | 7.3 | 7.3 | 8.3 | 8.7 | 8.0 | 8.3 | 7.3 | 7.3 | 6.3 | 6.0 | 6.0 | 6.0 |
| 204 RES. BLK4 | 5.7 | 6.7 | 7.0 | 7.3 | 7.7 | 8.3 | 8.0 | 8.3 | 8.0 | 7.7 | 5.7 | 6.0 | 6.0 | 5.7 |
| ANNIHILATOR | 5.7 | 6.7 | 6.7 | 7.0 | 7.7 | 8.0 | 8.0 | 8.0 | 8.3 | 6.3 | 6.3 | 6.3 | 6.3 | 5.7 |

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/
2015 DATA

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

| NAME | GENETIC COLOR | QUALITY RATINGS | | | | | | | | | | QUALITY RATINGS | | | |
|---------------------------|------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|----------------------|-------------------|------------------------------------|------------------------------|-------------------------------|--|
| | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | PRETRAFFIC SEP 12 | OCT 13 10 GAME | AFTER TRAFFIC NOV 17 20 GAME | RECOVERY DEC 1 2-WEEKS | RECOVERY DEC 15 1-MONTH | |
| BULLSEYE | 6.7 | 7.3 | 7.3 | 7.7 | 8.0 | 8.3 | 8.0 | 8.0 | 8.3 | 7.7 | 6.0 | 6.7 | 6.0 | 5.7 | |
| CAESAR (TY 10) | 7.7 | 7.0 | 7.0 | 7.0 | 7.7 | 7.7 | 7.7 | 8.3 | 8.0 | 7.7 | 5.7 | 5.7 | 5.7 | 5.7 | |
| HOUNDOG8 (IS-TF 307 SEL) | 7.0 | 7.0 | 6.7 | 7.7 | 8.3 | 8.7 | 8.7 | 8.7 | 8.3 | 8.0 | 8.0 | 6.0 | 6.0 | 5.7 | |
| JS 809 | 6.7 | 6.7 | 6.3 | 7.0 | 8.0 | 8.0 | 8.3 | 8.3 | 8.0 | 7.7 | 6.3 | 6.7 | 6.3 | 5.7 | |
| KINGDOM (DB1) | 7.3 | 6.3 | 6.0 | 7.0 | 7.7 | 8.3 | 8.3 | 8.7 | 8.0 | 7.7 | 6.3 | 6.7 | 6.0 | 5.7 | |
| MARAUDER | 6.7 | 6.7 | 6.3 | 7.0 | 7.3 | 8.3 | 8.0 | 8.0 | 8.3 | 7.7 | 6.3 | 6.0 | 6.0 | 5.7 | |
| PPG-TF-138 | 6.3 | 7.3 | 7.7 | 7.3 | 7.3 | 7.7 | 8.3 | 8.7 | 8.0 | 8.0 | 6.0 | 6.0 | 6.0 | 5.7 | |
| PSG-TT4 | 6.7 | 7.0 | 6.7 | 7.7 | 8.0 | 8.3 | 8.0 | 8.0 | 8.3 | 7.7 | 7.3 | 6.0 | 6.0 | 5.7 | |
| PST-5BRK | 6.3 | 7.3 | 6.7 | 7.0 | 7.7 | 7.7 | 7.7 | 8.3 | 8.7 | 7.3 | 6.7 | 6.0 | 5.7 | 5.7 | |
| RAD-TF-83 | 5.7 | 7.3 | 6.7 | 7.7 | 8.0 | 8.3 | 8.3 | 8.7 | 8.7 | 6.7 | 6.3 | 6.0 | 5.7 | 5.7 | |
| RAIN DANCE (PST-5SDT) | 6.0 | 6.7 | 6.7 | 7.7 | 8.0 | 8.0 | 8.3 | 7.7 | 8.0 | 7.0 | 7.0 | 6.0 | 6.0 | 5.7 | |
| REBOUNDER (PICK-W43) | 7.3 | 7.0 | 7.3 | 8.0 | 8.3 | 8.7 | 8.3 | 8.3 | 8.3 | 8.0 | 6.7 | 6.7 | 6.0 | 5.7 | |
| SWAGGER (PST-5R05) | 6.3 | 8.3 | 7.3 | 7.7 | 7.7 | 7.7 | 8.0 | 8.0 | 8.0 | 7.7 | 7.0 | 6.7 | 6.3 | 5.7 | |
| TECHNIQUE (RZ2) | 7.0 | 7.7 | 7.0 | 7.7 | 8.3 | 8.7 | 8.0 | 8.0 | 7.7 | 8.0 | 7.0 | 6.3 | 6.0 | 5.7 | |
| W41 | 8.0 | 7.3 | 7.0 | 7.7 | 7.7 | 8.7 | 8.7 | 9.0 | 9.0 | 8.3 | 6.7 | 6.7 | 6.0 | 5.7 | |
| BLACK TAIL (PPG-TF-150) | 7.0 | 6.7 | 6.7 | 7.7 | 8.3 | 8.7 | 8.3 | 8.7 | 8.7 | 8.0 | 6.7 | 5.7 | 5.0 | 5.3 | |
| BLOODHOUND (MET 6 SEL) | 7.0 | 6.7 | 6.0 | 7.3 | 7.7 | 8.0 | 8.0 | 8.0 | 8.3 | 7.3 | 6.0 | 5.0 | 5.7 | 5.3 | |
| JS 818 | 6.7 | 6.7 | 6.7 | 7.0 | 7.3 | 8.0 | 8.3 | 8.3 | 8.3 | 7.3 | 6.3 | 5.7 | 6.0 | 5.3 | |
| JS 819 | 7.0 | 7.0 | 7.0 | 7.3 | 7.7 | 8.7 | 8.0 | 8.0 | 8.7 | 7.7 | 6.3 | 6.3 | 6.0 | 5.3 | |
| JS 825 | 6.3 | 6.3 | 6.3 | 6.7 | 7.0 | 8.0 | 8.0 | 8.0 | 8.7 | 7.7 | 6.7 | 6.3 | 6.0 | 5.3 | |
| JS 916 | 6.7 | 7.3 | 6.7 | 7.0 | 7.0 | 8.0 | 8.0 | 8.3 | 8.3 | 8.0 | 5.7 | 5.7 | 5.7 | 5.3 | |
| KY-31 | 4.3 | 6.7 | 6.3 | 6.3 | 6.7 | 7.3 | 6.7 | 7.0 | 8.3 | 6.0 | 5.7 | 5.3 | 5.3 | 5.3 | |
| MET-3 | 6.7 | 7.3 | 7.0 | 8.0 | 8.0 | 8.7 | 8.3 | 8.0 | 8.3 | 7.7 | 7.0 | 7.0 | 6.3 | 5.3 | |
| PST-5EX2 | 5.7 | 7.0 | 7.3 | 6.7 | 7.0 | 6.7 | 7.0 | 8.0 | 8.3 | 7.0 | 4.7 | 5.0 | 5.0 | 5.3 | |
| REGENERATE | 8.0 | 6.0 | 6.7 | 6.3 | 7.3 | 8.0 | 8.0 | 8.0 | 7.7 | 8.0 | 5.3 | 5.3 | 4.7 | 5.0 | |
| MICHELANGELO (LTP-F5DPDR) | 6.7 | 6.7 | 6.3 | 7.0 | 7.3 | 8.0 | 8.3 | 8.0 | 8.0 | 7.7 | 5.3 | 5.3 | 5.3 | 4.7 | |
| LSD VALUE | 1.3 | . | . | . | . | . | . | . | . | 1.1 | 2.3 | 3.9 | 3.0 | 3.0 | |
| C.V. (%) | 9.7 | . | . | . | . | . | . | . | . | 7.0 | 13.2 | 15.1 | 13.4 | 12.8 | |

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

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

TABLE 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/
2015 DATA

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

| NAME | PERCENT LIVING GROUND COVER RATINGS | | | | | | | RECOVERY FROM TRAFFIC | |
|------------------------------|-------------------------------------|------|--------|----------------------|------------------------------------|-------------------|------------------|-----------------------|--|
| | MARCH | MAY | AUGUST | PRETRAFFIC SEP 19 | AFTER TRAFFIC OCT 13 10 GAME | NOV 17 20 GAME | DEC 1 2-WEEKS | DEC 15 1-MONTH | |
| FIRECRACKER SLS (PPG-TF-105) | 94.3 | 97.7 | 93.3 | 96.3 | 28.3 | 88.7 | 84.3 | 79.7 | |
| ARES (PPG-TF-142) | 92.7 | 98.0 | 95.7 | 97.3 | 38.0 | 84.7 | 80.7 | 76.7 | |
| FALCON IV | 95.7 | 97.7 | 93.7 | 96.3 | 28.3 | 87.3 | 83.0 | 78.0 | |
| HEMI | 95.0 | 97.3 | 93.0 | 96.3 | 58.3 | 86.7 | 82.0 | 77.0 | |
| RAD-TF-89 | 92.0 | 97.3 | 95.0 | 96.3 | 83.7 | 76.0 | 75.3 | 74.3 | |
| WARHAWK | 91.7 | 97.7 | 93.7 | 96.7 | 54.7 | 85.0 | 81.0 | 76.3 | |
| ATF 1612 | 93.3 | 97.7 | 94.3 | 97.0 | 51.0 | 81.0 | 77.3 | 74.3 | |
| ATF 1736 | 96.7 | 98.0 | 93.3 | 97.3 | 18.7 | 88.0 | 83.0 | 78.0 | |
| AVENGER II (PPG-TF-156) | 94.0 | 97.3 | 93.7 | 96.7 | 51.0 | 80.3 | 76.0 | 72.0 | |
| B23 | 86.7 | 97.3 | 94.7 | 97.3 | 47.0 | 76.7 | 74.3 | 72.0 | |
| BAR FA 121089 | 89.0 | 97.7 | 92.0 | 96.7 | 40.7 | 80.7 | 77.3 | 73.3 | |
| CROSSFIRE 4 (IS-TF 310 SEL) | 91.3 | 97.7 | 92.7 | 96.7 | 44.0 | 81.0 | 76.3 | 71.7 | |
| FALCON V | 92.7 | 97.3 | 93.7 | 97.0 | 65.0 | 88.7 | 84.0 | 79.3 | |
| FAYETTE (IS-TF 291) | 87.3 | 97.7 | 94.0 | 96.7 | 50.7 | 77.7 | 76.0 | 74.7 | |
| FESNOVA | 87.3 | 97.7 | 93.3 | 96.0 | 50.3 | 73.3 | 70.0 | 66.3 | |
| K12-05 | 90.7 | 98.0 | 93.3 | 96.7 | 40.3 | 76.0 | 73.7 | 71.3 | |
| K12-13 | 92.3 | 98.0 | 93.3 | 97.0 | 50.7 | 78.0 | 77.0 | 76.7 | |
| MAESTRO (T31) | 93.3 | 98.0 | 94.0 | 97.0 | 37.7 | 82.3 | 78.3 | 74.7 | |
| PPG-TF-115 | 97.0 | 97.7 | 93.3 | 97.0 | 41.3 | 82.7 | 79.0 | 75.3 | |
| PPG-TF-169 | 93.3 | 97.7 | 93.3 | 96.3 | 64.3 | 82.3 | 77.0 | 71.7 | |
| PST-5DZP | 94.7 | 97.7 | 94.3 | 97.0 | 45.0 | 84.3 | 79.0 | 73.7 | |
| RAPTOR III (ZW 44) | 90.3 | 98.0 | 94.0 | 96.7 | 37.3 | 79.0 | 76.7 | 75.3 | |
| RHAMBLER 2 SRP (LSD) | 91.3 | 98.0 | 94.3 | 96.7 | 38.0 | 85.7 | 82.0 | 77.7 | |
| RHIZING MOON (IS-TF 305 SEL) | 92.0 | 97.3 | 94.7 | 97.0 | 51.3 | 84.7 | 80.0 | 75.3 | |
| ROWDY (SRX-TPC) | 87.0 | 97.7 | 92.7 | 96.7 | 47.7 | 82.0 | 76.0 | 70.0 | |
| TEMPTATION (OR-21) | 93.3 | 97.0 | 93.0 | 96.7 | 54.0 | 76.3 | 74.0 | 71.3 | |
| THOR (PPG-TF-157) | 92.0 | 97.0 | 94.0 | 96.7 | 31.0 | 80.0 | 79.0 | 77.7 | |
| TITANIUM 2LS (PPG-TF-152) | 90.7 | 97.7 | 93.7 | 96.3 | 24.3 | 81.0 | 76.3 | 72.3 | |
| TRAVERSE 2 SRP (W45) | 94.0 | 98.3 | 93.7 | 96.3 | 37.0 | 74.3 | 72.0 | 68.7 | |
| TURFWAY (IS-TF 282 M2) | 93.0 | 98.0 | 94.0 | 97.0 | 77.3 | 76.0 | 73.7 | 72.0 | |
| WICHITA (PPG-TF-151) | 90.3 | 97.3 | 94.3 | 96.7 | 41.3 | 83.3 | 81.7 | 79.3 | |
| 4TH MILLENNIUM SRP (U43) | 80.7 | 90.0 | 92.3 | 96.3 | 60.3 | 74.0 | 69.7 | 64.7 | |
| ATF 1704 | 95.7 | 97.7 | 93.7 | 97.0 | 74.0 | 81.3 | 76.3 | 71.7 | |
| DIABLO (IS-TF 330) | 90.0 | 98.0 | 94.3 | 97.0 | 31.0 | 81.7 | 76.7 | 71.7 | |
| DYNAMITE LS (PPG-TF-145) | 88.3 | 98.3 | 94.7 | 97.0 | 47.3 | 77.7 | 76.7 | 75.7 | |
| FIREWALL (PSG-WE1) | 94.7 | 98.0 | 94.0 | 97.0 | 24.0 | 81.3 | 74.3 | 67.7 | |
| FOXHOUND (IS-TF 284 M2) | 94.7 | 98.3 | 92.7 | 96.7 | 37.7 | 80.3 | 75.3 | 69.7 | |
| GRANDE 3 | 93.3 | 98.0 | 94.3 | 95.7 | 65.0 | 85.3 | 79.7 | 73.7 | |
| HOT ROD (BURL TF-136) | 94.3 | 98.0 | 92.7 | 96.3 | 60.7 | 79.0 | 74.3 | 69.3 | |
| INSPIRATION (PST-R5NW) | 89.0 | 97.3 | 94.0 | 96.7 | 81.3 | 84.7 | 78.3 | 72.0 | |
| IS-TF 269 SEL | 88.0 | 98.3 | 95.3 | 96.7 | 50.0 | 71.7 | 68.3 | 65.7 | |
| IS-TF 272 | 94.0 | 98.0 | 93.3 | 97.0 | 61.3 | 84.7 | 79.3 | 73.7 | |
| IS-TF 276 M2 | 90.0 | 98.0 | 93.3 | 96.7 | 57.7 | 80.3 | 75.3 | 71.0 | |
| IS-TF 308 SEL | 92.0 | 98.7 | 94.0 | 97.0 | 57.7 | 78.7 | 72.7 | 66.3 | |
| IS-TF-287 | 92.0 | 97.7 | 93.3 | 96.3 | 77.3 | 78.3 | 74.3 | 70.3 | |

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/
2015 DATA

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

| NAME | PERCENT LIVING GROUND COVER RATINGS | | | | | | | |
|--------------------------|-------------------------------------|------|--------|----------------------|-------------------|-------------------|-----------------------|-------------------|
| | MARCH | MAY | AUGUST | AFTER TRAFFIC | | | RECOVERY FROM TRAFFIC | |
| | | | | PRETRAFFIC SEP 19 | OCT 13 10 GAME | NOV 17 20 GAME | DEC 1 2-WEEKS | DEC 15 1-MONTH |
| K12-MCD | 86.0 | 97.3 | 92.3 | 96.3 | 19.7 | 69.0 | 67.7 | 66.7 |
| LEONARDO (LTP-FSD) | 94.7 | 97.0 | 94.0 | 97.0 | 53.7 | 74.7 | 72.3 | 70.0 |
| MEMPHIS (GO-DFR) | 96.0 | 97.7 | 91.7 | 96.3 | 81.0 | 80.3 | 76.0 | 71.7 |
| NIGHTCRAWLER (IS-TF 285) | 85.7 | 97.7 | 94.7 | 97.0 | 86.3 | 70.3 | 68.3 | 66.3 |
| PARAMOUNT (PPG-TF-137) | 87.7 | 97.3 | 92.0 | 96.7 | 13.3 | 70.0 | 68.3 | 66.3 |
| 'COMMANDER (PPG-TF-170) | 90.3 | 98.0 | 93.3 | 96.7 | 60.7 | 80.0 | 76.7 | 73.3 |
| PSG-8BP2 | 91.3 | 97.3 | 93.7 | 96.3 | 71.0 | 80.3 | 74.7 | 68.3 |
| PSG-PO1 | 92.3 | 97.3 | 94.0 | 97.0 | 47.0 | 74.3 | 73.3 | 72.7 |
| PST-5BPO | 95.0 | 98.0 | 93.7 | 97.0 | 70.7 | 78.0 | 73.7 | 69.3 |
| PST-5MVD | 89.0 | 96.0 | 94.0 | 97.0 | 70.3 | 74.3 | 71.7 | 69.0 |
| REFLECTION (U45) | 93.7 | 98.0 | 94.3 | 96.0 | 44.7 | 83.0 | 78.0 | 72.7 |
| SCREAMER LS (PPG-TF-148) | 93.3 | 97.7 | 92.3 | 96.3 | 71.0 | 79.0 | 74.3 | 69.3 |
| TEMPLE (DZ1) | 88.0 | 97.0 | 94.0 | 97.0 | 36.3 | 67.7 | 66.7 | 66.0 |
| THUNDERSTRUCK (TD1) | 93.0 | 97.7 | 94.0 | 96.7 | 88.0 | 82.7 | 79.7 | 76.7 |
| UNITUS (IS-TF 289) | 92.3 | 97.3 | 92.3 | 96.3 | 63.7 | 72.7 | 72.7 | 72.3 |
| XTENDER (PPG-TF-139) | 91.0 | 98.0 | 93.3 | 96.7 | 51.0 | 81.7 | 76.3 | 70.3 |
| AMITY (CCR2) | 88.3 | 97.7 | 94.0 | 97.0 | 52.7 | 66.3 | 65.0 | 63.3 |
| AQUADUCT | 90.7 | 97.7 | 92.0 | 96.3 | 61.0 | 81.0 | 74.0 | 67.3 |
| ATF 1754 | 94.3 | 98.0 | 93.0 | 96.7 | 64.0 | 80.0 | 76.3 | 72.7 |
| BAR FA 120878 | 84.3 | 97.3 | 92.7 | 97.3 | 29.7 | 67.3 | 67.7 | 67.3 |
| BAR FA 121091 | 88.3 | 97.0 | 93.7 | 96.3 | 73.7 | 73.7 | 71.0 | 68.0 |
| BAR FA 121095 | 87.7 | 97.3 | 93.3 | 96.0 | 43.3 | 74.0 | 69.7 | 65.3 |
| BIZEM | 88.7 | 98.0 | 93.3 | 96.3 | 46.3 | 70.0 | 66.7 | 63.3 |
| CATALYST | 88.7 | 97.3 | 92.7 | 96.0 | 49.3 | 64.3 | 63.0 | 61.7 |
| COMP. RES. SST | 87.3 | 97.3 | 93.7 | 96.7 | 60.7 | 75.0 | 71.7 | 68.0 |
| EMBRACE (PST-5EV2) | 88.7 | 97.3 | 94.0 | 97.0 | 43.3 | 72.0 | 69.0 | 65.7 |
| F711 | 89.7 | 97.3 | 93.3 | 97.0 | 43.7 | 74.0 | 70.0 | 66.7 |
| FAITH | 92.3 | 97.7 | 94.3 | 97.0 | 57.3 | 77.7 | 72.3 | 67.0 |
| FIREBIRD 2 | 79.0 | 93.7 | 92.0 | 96.0 | 59.3 | 63.7 | 63.7 | 63.3 |
| FRONTLINE (EXP TF-09) | 88.7 | 96.3 | 92.3 | 95.7 | 89.7 | 68.3 | 67.3 | 66.0 |
| GTO (BURL TF-2) | 95.0 | 98.0 | 93.7 | 96.0 | 54.7 | 83.0 | 76.0 | 68.7 |
| HOVER (BURL TF-69) | 89.7 | 97.7 | 94.0 | 96.3 | 67.0 | 73.3 | 68.3 | 63.0 |
| IS-TF 311 | 94.7 | 98.0 | 92.7 | 96.3 | 37.3 | 77.7 | 72.0 | 65.7 |
| MERIDIAN (PST-5GRB) | 93.3 | 98.3 | 93.3 | 97.3 | 37.7 | 84.0 | 75.7 | 67.7 |
| MET 1 | 86.3 | 95.3 | 93.3 | 97.0 | 54.0 | 79.7 | 76.3 | 72.7 |
| OLYMPUS (RAD-TF-88) | 84.3 | 97.0 | 94.7 | 96.3 | 87.3 | 77.3 | 72.0 | 66.0 |
| PPG-TF-135 | 84.0 | 97.3 | 93.3 | 96.7 | 52.3 | 59.3 | 61.7 | 64.7 |
| PPG-TF-172 | 93.0 | 98.0 | 93.0 | 96.7 | 41.0 | 78.7 | 74.7 | 70.7 |
| PSG-GSD | 82.7 | 95.7 | 94.3 | 97.0 | 44.7 | 80.7 | 77.7 | 75.3 |
| RAD-TF-92 | 88.3 | 97.0 | 92.7 | 95.0 | 63.3 | 71.7 | 67.0 | 62.3 |
| ROCKWELL (LTP-TWUJ) | 91.7 | 97.3 | 93.0 | 97.0 | 46.7 | 73.0 | 70.7 | 68.0 |
| SALTILLO (PST-5SALT) | 94.7 | 98.3 | 94.3 | 97.3 | 53.3 | 71.3 | 69.7 | 68.0 |
| TERRANO | 86.3 | 98.0 | 93.7 | 96.0 | 52.3 | 62.7 | 62.7 | 62.7 |
| 204 RES. BLK4 | 89.3 | 97.0 | 94.0 | 97.3 | 56.3 | 67.7 | 67.0 | 66.0 |
| ANNIHILATOR | 82.0 | 96.7 | 94.0 | 95.3 | 43.7 | 72.3 | 68.3 | 64.7 |

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/
2015 DATA

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

| NAME | PERCENT LIVING GROUND COVER RATINGS | | | | | | | RECOVERY FROM TRAFFIC | |
|---------------------------|-------------------------------------|------|--------|----------------------|------------------------------------|-------------------|------------------|-----------------------|--|
| | MARCH | MAY | AUGUST | PRETRAFFIC SEP 19 | AFTER TRAFFIC OCT 13 10 GAME | NOV 17 20 GAME | DEC 1 2-WEEKS | DEC 15 1-MONTH | |
| BULLSEYE | 90.0 | 97.3 | 93.3 | 96.0 | 40.0 | 69.7 | 66.3 | 63.7 | |
| CAESAR (TY 10) | 76.0 | 95.7 | 94.0 | 96.3 | 48.3 | 54.7 | 57.0 | 60.0 | |
| HOUNDG8 (IS-TF 307 SEL) | 92.0 | 98.7 | 94.3 | 96.7 | 49.3 | 66.0 | 61.3 | 56.7 | |
| JS 809 | 82.7 | 96.7 | 92.3 | 95.7 | 76.3 | 69.3 | 66.0 | 63.7 | |
| KINGDOM (DB1) | 83.0 | 96.3 | 94.3 | 97.0 | 50.0 | 69.7 | 67.0 | 64.0 | |
| MARAUDER | 79.0 | 97.0 | 92.0 | 96.7 | 39.3 | 65.0 | 66.3 | 67.7 | |
| PPG-TF-138 | 85.0 | 96.0 | 94.7 | 97.3 | 32.7 | 62.3 | 62.3 | 62.0 | |
| PSG-TT4 | 94.7 | 98.0 | 92.7 | 97.0 | 53.3 | 72.3 | 68.3 | 64.0 | |
| PST-5BRK | 86.7 | 96.3 | 94.3 | 97.0 | 53.0 | 66.0 | 63.0 | 60.0 | |
| RAD-TF-83 | 91.7 | 97.7 | 94.0 | 95.0 | 53.0 | 65.3 | 62.7 | 59.7 | |
| RAIN DANCE (PST-5SDT) | 90.7 | 97.7 | 92.7 | 96.7 | 33.3 | 71.0 | 65.7 | 60.7 | |
| REBOUNDER (PICK-W43) | 90.3 | 97.3 | 95.0 | 96.3 | 29.3 | 67.3 | 64.3 | 61.0 | |
| SWAGGER (PST-5R05) | 91.0 | 96.3 | 93.7 | 97.0 | 66.7 | 71.0 | 68.3 | 65.3 | |
| TECHNIQUE (RZ2) | 87.3 | 96.7 | 92.7 | 96.7 | 41.7 | 61.3 | 59.7 | 57.3 | |
| W41 | 89.0 | 97.7 | 94.3 | 96.7 | 53.3 | 71.7 | 67.0 | 61.3 | |
| BLACK TAIL (PPG-TF-150) | 90.3 | 98.3 | 94.0 | 96.7 | 65.3 | 59.7 | 55.7 | 51.0 | |
| BLOODHOUND (MET 6 SEL) | 85.7 | 97.3 | 92.3 | 96.7 | 51.3 | 53.3 | 56.3 | 59.3 | |
| JS 818 | 77.7 | 96.3 | 93.3 | 96.7 | 65.3 | 59.3 | 60.0 | 61.0 | |
| JS 819 | 82.3 | 97.3 | 93.3 | 96.3 | 42.7 | 64.3 | 64.0 | 63.0 | |
| JS 825 | 76.7 | 95.0 | 92.7 | 96.7 | 36.3 | 66.3 | 64.0 | 61.7 | |
| JS 916 | 69.7 | 94.3 | 92.3 | 97.0 | 51.7 | 55.0 | 53.7 | 52.3 | |
| KY-31 | 73.3 | 96.3 | 93.3 | 96.3 | 51.0 | 50.7 | 53.7 | 56.3 | |
| MET-3 | 92.3 | 98.0 | 94.7 | 96.3 | 60.7 | 77.7 | 71.7 | 66.0 | |
| PST-5EX2 | 82.7 | 93.0 | 93.0 | 97.0 | 48.0 | 47.7 | 51.3 | 54.3 | |
| REGENERATE | 69.3 | 94.0 | 93.7 | 97.0 | 60.3 | 41.3 | 43.0 | 45.0 | |
| MICHELANGELO (LTP-F5DPDR) | 78.3 | 96.3 | 93.7 | 96.7 | 51.3 | 52.3 | 53.3 | 54.0 | |
| LSD VALUE | 30.9 | 6.2 | 7.8 | 1.7 | 180.6 | 56.1 | 44.2 | 34.7 | |
| C.V. (%) | 9.7 | 1.9 | 1.6 | 0.7 | 58.9 | 20.2 | 17.2 | 15.0 | |

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

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

TABLE 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/
2015 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 18 | 5 GAME SEP 30 | 10 GAME OCT 12 | 15 GAME NOV 5 | 20 GAME NOV 17 | PRETRAFFIC SEP 18 | 5 GAME SEP 30 | 10 GAME OCT 12 | 15 GAME NOV 5 | 20 GAME NOV 17 |
| FIRECRACKER SLS (PPG-TF-105) | 22.7 | 37.0 | 33.0 | 31.0 | 25.0 | 77.3 | 50.7 | 47.3 | 47.0 | 86.0 |
| ARES (PPG-TF-142) | 18.3 | 35.3 | 31.3 | 31.0 | 23.7 | 82.3 | 52.0 | 43.0 | 59.0 | 84.3 |
| FALCON IV | 22.7 | 39.3 | 35.0 | 32.0 | 25.3 | 74.7 | 49.7 | 42.7 | 43.7 | 85.0 |
| HEMI | 22.7 | 37.7 | 33.7 | 30.3 | 24.3 | 78.0 | 54.0 | 46.3 | 53.0 | 86.7 |
| RAD-TF-89 | 21.0 | 36.7 | 33.7 | 30.0 | 24.0 | 91.0 | 52.3 | 38.7 | 58.0 | 82.3 |
| WARHAWK | 19.7 | 34.0 | 31.3 | 29.7 | 23.3 | 91.7 | 57.0 | 57.7 | 56.0 | 86.7 |
| ATF 1612 | 24.0 | 37.7 | 33.7 | 31.7 | 26.0 | 78.0 | 53.7 | 48.7 | 48.0 | 80.0 |
| ATF 1736 | 21.7 | 37.0 | 34.0 | 31.0 | 25.7 | 95.7 | 49.7 | 37.0 | 60.3 | 86.3 |
| AVENGER II (PPG-TF-156) | 21.0 | 37.7 | 34.0 | 32.7 | 24.7 | 87.3 | 55.7 | 42.0 | 55.0 | 76.7 |
| B23 | 19.0 | 36.3 | 31.3 | 32.0 | 25.3 | 83.7 | 55.7 | 50.0 | 53.0 | 84.3 |
| BAR FA 121089 | 19.7 | 34.3 | 35.7 | 30.0 | 26.7 | 90.0 | 57.0 | 47.0 | 54.7 | 89.7 |
| CROSSFIRE 4 (IS-TF 310 SEL) | 21.3 | 38.7 | 34.7 | 33.7 | 25.0 | 87.7 | 53.7 | 39.7 | 52.0 | 78.0 |
| FALCON V | 21.7 | 35.3 | 33.7 | 31.7 | 26.0 | 73.7 | 57.0 | 48.3 | 58.3 | 84.3 |
| FAYETTE (IS-TF 291) | 21.7 | 35.7 | 32.7 | 30.7 | 26.3 | 85.0 | 50.0 | 47.7 | 52.3 | 82.7 |
| FESNOVA | 20.7 | 37.0 | 35.3 | 31.3 | 26.7 | 80.7 | 47.3 | 51.7 | 52.0 | 82.3 |
| K12-05 | 19.3 | 37.7 | 31.7 | 33.7 | 26.3 | 78.0 | 49.3 | 41.0 | 66.3 | 86.3 |
| K12-13 | 23.0 | 37.0 | 34.3 | 30.0 | 27.7 | 77.7 | 50.7 | 39.3 | 65.3 | 75.7 |
| MAESTRO (T31) | 19.3 | 35.0 | 35.0 | 30.7 | 25.0 | 88.3 | 48.7 | 48.3 | 57.3 | 75.7 |
| PPG-TF-115 | 23.3 | 36.3 | 32.0 | 30.7 | 25.0 | 72.0 | 51.0 | 46.0 | 57.3 | 83.3 |
| PPG-TF-169 | 22.0 | 39.3 | 35.0 | 34.0 | 26.7 | 83.3 | 38.3 | 46.3 | 54.3 | 82.0 |
| PST-5DZP | 18.7 | 35.0 | 31.3 | 31.3 | 25.0 | 76.7 | 55.0 | 45.3 | 57.0 | 81.3 |
| RAPTOR III (ZW 44) | 23.0 | 35.7 | 36.3 | 30.0 | 26.0 | 90.3 | 51.0 | 47.3 | 57.3 | 82.0 |
| RHAMBLER 2 SRP (LSD) | 22.3 | 36.3 | 33.0 | 30.7 | 24.3 | 90.0 | 53.7 | 45.0 | 54.7 | 85.7 |
| RHIZING MOON (IS-TF 305 SEL) | 19.7 | 35.7 | 32.3 | 30.7 | 25.7 | 89.3 | 50.7 | 45.7 | 53.3 | 87.3 |
| ROWDY (SRX-TPC) | 21.3 | 37.7 | 35.7 | 32.0 | 26.7 | 76.0 | 51.7 | 44.3 | 52.3 | 81.7 |
| TEMPTATION (OR-21) | 20.7 | 36.3 | 33.3 | 31.3 | 25.0 | 75.3 | 50.3 | 51.3 | 54.3 | 89.0 |
| THOR (PPG-TF-157) | 23.7 | 37.0 | 33.3 | 33.3 | 25.7 | 86.0 | 48.7 | 55.3 | 49.3 | 78.0 |
| TITANIUM 2LS (PPG-TF-152) | 22.7 | 37.0 | 32.3 | 29.3 | 27.0 | 77.3 | 49.3 | 32.3 | 50.3 | 84.0 |
| TRAVERSE 2 SRP (W45) | 19.0 | 36.7 | 35.7 | 31.3 | 24.7 | 80.0 | 51.3 | 38.7 | 50.3 | 78.3 |
| TURFWAY (IS-TF 282 M2) | 18.0 | 35.7 | 31.7 | 31.7 | 24.7 | 88.7 | 50.7 | 41.0 | 57.3 | 90.7 |
| WICHITA (PPG-TF-151) | 18.7 | 34.7 | 35.0 | 31.7 | 25.0 | 83.0 | 55.0 | 47.0 | 54.0 | 81.0 |
| 4TH MILLENNIUM SRP (U43) | 18.3 | 33.7 | 31.7 | 31.0 | 24.0 | 94.3 | 61.7 | 50.3 | 58.3 | 101.0 |
| ATF 1704 | 19.7 | 38.3 | 35.3 | 33.3 | 27.0 | 90.0 | 47.3 | 42.7 | 48.7 | 81.3 |
| DIABLO (IS-TF 330) | 23.7 | 39.0 | 32.7 | 31.7 | 26.3 | 75.3 | 46.7 | 43.7 | 56.0 | 85.7 |
| DYNAMITE LS (PPG-TF-145) | 19.7 | 38.7 | 33.7 | 31.7 | 24.0 | 286.7 | 54.0 | 44.3 | 58.7 | 78.7 |
| FIREWALL (PSG-WE1) | 21.0 | 39.3 | 34.3 | 30.0 | 26.7 | 72.0 | 46.7 | 44.7 | 53.7 | 79.0 |
| FOXHOUND (IS-TF 284 M2) | 19.0 | 36.3 | 33.7 | 29.0 | 24.0 | 88.0 | 49.7 | 44.3 | 53.0 | 91.7 |
| GRANDE 3 | 23.0 | 38.0 | 33.3 | 30.3 | 25.3 | 78.3 | 44.7 | 44.0 | 50.3 | 81.7 |
| HOT ROD (BURL TF-136) | 20.7 | 36.3 | 36.3 | 31.3 | 27.3 | 79.0 | 48.3 | 38.3 | 51.7 | 85.3 |
| INSPIRATION (PST-R5NW) | 22.7 | 38.7 | 35.3 | 33.0 | 27.3 | 75.3 | 45.7 | 51.7 | 53.0 | 81.7 |
| IS-TF 269 SEL | 21.3 | 37.0 | 33.0 | 32.7 | 25.7 | 98.0 | 53.0 | 44.7 | 51.7 | 79.7 |
| IS-TF 272 | 23.3 | 38.3 | 33.0 | 31.3 | 25.0 | 76.3 | 47.0 | 39.3 | 62.7 | 89.7 |
| IS-TF 276 M2 | 18.3 | 37.7 | 31.3 | 29.7 | 26.3 | 85.7 | 50.7 | 44.7 | 58.7 | 90.7 |
| IS-TF 308 SEL | 22.7 | 36.0 | 31.0 | 34.0 | 25.3 | 74.7 | 40.3 | 43.3 | 49.0 | 83.3 |
| IS-TF-287 | 21.7 | 39.0 | 35.7 | 32.3 | 27.0 | 78.7 | 49.0 | 38.3 | 55.3 | 74.7 |

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/
2015 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 18 | 5 GAME SEP 30 | 10 GAME OCT 12 | 15 GAME NOV 5 | 20 GAME NOV 17 | PRETRAFFIC SEP 18 | 5 GAME SEP 30 | 10 GAME OCT 12 | 15 GAME NOV 5 | 20 GAME NOV 17 |
| K12-MCD | 20.3 | 37.7 | 35.3 | 31.7 | 25.7 | 89.7 | 48.7 | 42.3 | 48.0 | 82.3 |
| LEONARDO (LTP-FSD) | 20.7 | 33.7 | 32.0 | 30.0 | 24.3 | 84.0 | 57.0 | 43.3 | 57.3 | 99.0 |
| MEMPHIS (GO-DFR) | 19.3 | 36.3 | 30.7 | 31.7 | 24.3 | 76.7 | 46.0 | 49.3 | 50.0 | 75.0 |
| NIGHTCRAWLER (IS-TF 285) | 20.3 | 37.0 | 33.3 | 31.3 | 24.3 | 75.7 | 50.7 | 36.3 | 48.3 | 86.3 |
| PARAMOUNT (PPG-TF-137) | 22.7 | 40.0 | 34.3 | 33.7 | 23.7 | 81.0 | 50.7 | 41.3 | 49.0 | 78.7 |
| 'COMMANDER (PPG-TF-170) | 20.7 | 38.7 | 34.3 | 33.0 | 26.3 | 77.0 | 50.7 | 43.3 | 48.7 | 83.7 |
| PSG-8BP2 | 21.7 | 36.3 | 31.7 | 31.7 | 25.7 | 83.0 | 49.7 | 44.7 | 56.7 | 81.3 |
| PSG-PO1 | 22.7 | 37.7 | 34.0 | 32.0 | 23.7 | 83.7 | 55.7 | 45.0 | 60.0 | 84.0 |
| PST-5BPO | 22.7 | 40.3 | 35.0 | 33.3 | 26.7 | 78.0 | 44.7 | 42.3 | 55.3 | 80.0 |
| PST-5MVD | 24.7 | 37.3 | 36.3 | 32.0 | 25.0 | 77.3 | 44.3 | 37.7 | 57.3 | 84.0 |
| REFLECTION (U45) | 21.7 | 39.0 | 36.0 | 31.7 | 27.0 | 75.0 | 49.3 | 41.3 | 49.7 | 83.0 |
| SCREAMER LS (PPG-TF-148) | 23.3 | 36.7 | 34.3 | 31.3 | 24.3 | 76.0 | 46.0 | 47.0 | 52.0 | 89.7 |
| TEMPLE (DZ1) | 19.7 | 32.0 | 30.3 | 27.3 | 22.3 | 75.3 | 57.3 | 48.3 | 57.3 | 96.0 |
| THUNDERSTRUCK (TD1) | 21.7 | 35.7 | 33.0 | 30.0 | 23.7 | 77.7 | 57.7 | 50.0 | 48.7 | 84.7 |
| UNITUS (IS-TF 289) | 21.3 | 35.7 | 33.7 | 30.7 | 25.3 | 76.7 | 48.7 | 47.3 | 59.3 | 85.3 |
| XTENDER (PPG-TF-139) | 20.3 | 40.3 | 35.0 | 31.3 | 26.3 | 83.7 | 54.3 | 44.3 | 47.0 | 81.7 |
| AMITY (CCR2) | 21.3 | 37.3 | 31.3 | 31.7 | 22.7 | 82.0 | 60.7 | 46.0 | 53.3 | 88.0 |
| AQUADUCT | 17.7 | 35.3 | 34.3 | 31.3 | 25.3 | 86.0 | 51.0 | 50.3 | 55.7 | 86.3 |
| ATF 1754 | 23.3 | 35.7 | 33.7 | 31.0 | 24.7 | 88.3 | 49.3 | 46.7 | 47.0 | 96.0 |
| BAR FA 120878 | 19.3 | 36.3 | 32.3 | 31.7 | 24.3 | 82.7 | 52.0 | 45.0 | 59.3 | 80.0 |
| BAR FA 121091 | 19.3 | 38.3 | 34.3 | 33.0 | 27.7 | 82.7 | 44.3 | 38.3 | 52.3 | 81.7 |
| BAR FA 121095 | 22.7 | 38.7 | 33.3 | 32.0 | 26.0 | 78.0 | 49.0 | 43.0 | 49.7 | 82.0 |
| BIZEM | 19.0 | 38.3 | 34.3 | 31.7 | 26.7 | 71.0 | 46.3 | 44.7 | 58.3 | 83.3 |
| CATALYST | 19.3 | 36.0 | 32.3 | 30.0 | 23.0 | 85.0 | 56.3 | 43.0 | 62.7 | 80.7 |
| COMP. RES. SST | 19.7 | 34.7 | 32.3 | 29.3 | 23.0 | 83.3 | 56.3 | 51.7 | 62.0 | 90.7 |
| EMBRACE (PST-5EV2) | 25.7 | 36.3 | 35.7 | 34.0 | 25.3 | 80.7 | 46.3 | 50.3 | 53.7 | 82.0 |
| F711 | 20.3 | 36.7 | 34.0 | 30.3 | 23.0 | 87.3 | 47.7 | 48.3 | 50.3 | 87.3 |
| FAITH | 22.0 | 37.7 | 34.3 | 30.3 | 24.7 | 83.3 | 52.7 | 36.7 | 57.3 | 84.7 |
| FIREBIRD 2 | 21.0 | 35.0 | 33.0 | 28.7 | 26.0 | 87.0 | 54.3 | 43.3 | 59.3 | 94.0 |
| FRONTLINE (EXP TF-09) | 21.0 | 35.7 | 34.7 | 31.3 | 26.0 | 77.7 | 54.7 | 49.3 | 60.0 | 90.3 |
| GTO (BURL TF-2) | 22.0 | 38.7 | 33.7 | 31.0 | 26.3 | 81.0 | 48.0 | 43.7 | 49.7 | 88.0 |
| HOVER (BURL TF-69) | 23.0 | 40.0 | 33.7 | 32.7 | 26.7 | 74.3 | 45.0 | 42.3 | 47.0 | 84.7 |
| IS-TF 311 | 21.3 | 36.7 | 32.0 | 31.3 | 25.3 | 78.7 | 50.0 | 45.0 | 47.3 | 84.3 |
| MERIDIAN (PST-5GRB) | 25.0 | 40.3 | 32.0 | 33.3 | 27.0 | 76.7 | 51.3 | 48.0 | 56.3 | 88.7 |
| MET 1 | 19.7 | 37.3 | 32.3 | 30.0 | 25.3 | 90.7 | 55.0 | 44.7 | 56.3 | 81.7 |
| OLYMPUS (RAD-TF-88) | 20.3 | 36.3 | 35.3 | 31.0 | 25.7 | 87.3 | 59.3 | 47.0 | 56.0 | 83.0 |
| PPG-TF-135 | 22.0 | 37.0 | 31.3 | 32.7 | 25.3 | 76.7 | 56.0 | 45.0 | 68.7 | 89.7 |
| PPG-TF-172 | 22.0 | 38.3 | 34.3 | 32.0 | 25.7 | 73.7 | 47.7 | 36.7 | 51.3 | 85.3 |
| PSG-GSD | 18.3 | 35.0 | 32.7 | 31.7 | 25.7 | 90.0 | 54.3 | 39.0 | 45.7 | 88.3 |
| RAD-TF-92 | 19.0 | 37.7 | 32.3 | 31.3 | 22.0 | 79.7 | 53.3 | 47.3 | 57.0 | 88.0 |
| ROCKWELL (LTP-TWUU) | 23.3 | 37.3 | 34.3 | 30.0 | 24.7 | 86.3 | 50.3 | 41.3 | 48.7 | 88.7 |
| SALTILLO (PST-5SALT) | 21.3 | 38.3 | 32.7 | 32.0 | 27.7 | 75.7 | 46.3 | 42.0 | 57.0 | 82.7 |
| TERRANO | 19.7 | 36.7 | 34.0 | 32.7 | 22.7 | 93.0 | 42.7 | 46.3 | 64.7 | 91.3 |
| 204 RES. BLK4 | 19.7 | 34.0 | 32.7 | 27.7 | 22.7 | 89.0 | 50.7 | 53.3 | 67.0 | 109.3 |
| ANNIHILATOR | 17.3 | 35.7 | 35.3 | 33.0 | 25.0 | 90.3 | 50.7 | 48.7 | 49.0 | 88.3 |

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/
2015 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 18 | 5 GAME SEP 30 | 10 GAME OCT 12 | 15 GAME NOV 5 | 20 GAME NOV 17 | PRETRAFFIC SEP 18 | 5 GAME SEP 30 | 10 GAME OCT 12 | 15 GAME NOV 5 | 20 GAME NOV 17 |
| BULLSEYE | 22.7 | 36.3 | 33.0 | 31.7 | 24.7 | 77.3 | 57.7 | 47.3 | 59.7 | 79.7 |
| CAESAR (TY 10) | 21.3 | 35.0 | 33.3 | 29.0 | 21.3 | 77.7 | 58.0 | 51.7 | 60.3 | 84.0 |
| HOUND08 (IS-TF 307 SEL) | 20.7 | 36.0 | 35.7 | 32.7 | 26.3 | 81.7 | 46.3 | 40.7 | 52.7 | 74.0 |
| JS 809 | 22.3 | 38.0 | 33.0 | 29.7 | 26.0 | 82.0 | 48.0 | 44.0 | 49.7 | 77.7 |
| KINGDOM (DB1) | 21.0 | 38.7 | 31.0 | 34.3 | 24.3 | 83.7 | 52.3 | 48.0 | 51.3 | 83.0 |
| MARAUDER | 18.7 | 35.7 | 30.3 | 28.0 | 23.3 | 95.0 | 49.0 | 48.3 | 57.7 | 83.3 |
| PPG-TF-138 | 18.7 | 35.7 | 32.0 | 30.3 | 23.3 | 97.3 | 58.3 | 45.3 | 58.0 | 93.3 |
| PSG-TT4 | 22.0 | 37.7 | 35.7 | 31.3 | 26.0 | 81.3 | 45.0 | 46.7 | 58.7 | 86.7 |
| PST-5BRK | 23.0 | 37.7 | 34.3 | 33.7 | 24.7 | 74.0 | 49.7 | 49.7 | 49.3 | 92.3 |
| RAD-TF-83 | 21.0 | 37.3 | 33.0 | 32.3 | 23.7 | 71.7 | 48.7 | 47.7 | 56.0 | 84.3 |
| RAIN DANCE (PST-5SDT) | 23.0 | 36.3 | 34.7 | 33.0 | 25.3 | 75.3 | 48.7 | 47.0 | 58.7 | 76.3 |
| REBOUNDER (PICK-W43) | 20.0 | 40.3 | 34.0 | 33.0 | 27.3 | 87.7 | 53.0 | 42.0 | 50.7 | 79.7 |
| SWAGGER (PST-5R05) | 20.3 | 35.0 | 32.7 | 30.0 | 26.0 | 74.0 | 55.0 | 48.7 | 62.0 | 95.7 |
| TECHNIQUE (RZ2) | 19.7 | 36.7 | 35.3 | 32.3 | 25.0 | 86.0 | 59.0 | 37.0 | 51.7 | 79.7 |
| W41 | 18.7 | 38.0 | 31.3 | 32.0 | 26.3 | 81.3 | 46.0 | 46.7 | 57.3 | 82.7 |
| BLACK TAIL (PPG-TF-150) | 23.7 | 38.0 | 37.0 | 33.0 | 25.7 | 83.7 | 49.0 | 38.3 | 56.0 | 79.0 |
| BLOODHOUND (MET 6 SEL) | 22.0 | 39.0 | 31.3 | 30.7 | 25.3 | 74.0 | 50.0 | 42.7 | 57.3 | 84.3 |
| JS 818 | 20.7 | 37.7 | 32.3 | 31.3 | 23.7 | 90.7 | 55.0 | 46.3 | 61.3 | 95.3 |
| JS 819 | 21.0 | 36.3 | 33.0 | 27.7 | 25.7 | 89.3 | 63.0 | 48.0 | 56.3 | 85.7 |
| JS 825 | 18.7 | 36.3 | 33.3 | 30.3 | 24.7 | 93.7 | 50.3 | 47.7 | 59.7 | 79.3 |
| JS 916 | 21.0 | 36.7 | 33.3 | 29.0 | 25.7 | 84.3 | 49.3 | 49.0 | 57.3 | 94.3 |
| KY-31 | 17.0 | 33.3 | 30.3 | 28.3 | 23.3 | 96.7 | 62.7 | 52.3 | 49.7 | 92.3 |
| MET-3 | 23.7 | 40.0 | 34.3 | 32.0 | 25.3 | 84.3 | 54.3 | 47.0 | 59.0 | 88.7 |
| PST-5EX2 | 20.0 | 34.0 | 30.7 | 29.0 | 24.7 | 82.7 | 51.3 | 52.3 | 62.3 | 104.3 |
| REGENERATE | 21.7 | 35.0 | 31.0 | 29.3 | 24.7 | 94.7 | 54.7 | 33.0 | 54.7 | 79.3 |
| MICHELANGELO (LTP-F5DPDR) | 23.3 | 35.7 | 34.7 | 30.0 | 25.0 | 81.0 | 52.0 | 45.7 | 59.0 | 81.3 |
| LSD VALUE | 21.0 | 13.8 | 7.6 | 7.2 | 8.7 | 166.1 | 24.0 | 22.7 | 33.7 | 29.0 |
| C.V. (%) | 16.7 | 7.9 | 7.2 | 7.3 | 8.5 | 42.0 | 13.8 | 15.6 | 15.1 | 10.9 |

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 24. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT LOGAN, UT 1/
2015 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | MAY | JUN | QUALITY RATINGS | | | | MEAN |
|------------------------------|------------------|-------------------|-----|-----|-----------------|-----|-----|-----|------|
| | | | | | JUL | AUG | SEP | OCT | |
| THUNDERSTRUCK (TD1) | 7.0 | 8.0 | 7.3 | 7.7 | 6.0 | 6.0 | 5.3 | 4.3 | 6.1 |
| REGENERATE | 6.0 | 7.0 | 7.0 | 6.7 | 5.3 | 5.7 | 6.3 | 5.0 | 6.0 |
| REBOUNDER (PICK-W43) | 6.0 | 6.7 | 6.7 | 6.3 | 5.0 | 5.3 | 6.3 | 5.7 | 5.9 |
| RAPTOR III (ZW 44) | 6.7 | 7.0 | 7.0 | 7.0 | 5.7 | 4.7 | 5.7 | 5.3 | 5.9 |
| TURFWAY (IS-TF 282 M2) | 6.7 | 7.3 | 7.3 | 6.3 | 6.0 | 5.3 | 5.7 | 5.0 | 5.9 |
| AVENGER II (PPG-TF-156) | 5.7 | 6.7 | 6.7 | 6.7 | 5.3 | 5.0 | 5.3 | 5.7 | 5.8 |
| CROSSFIRE 4 (IS-TF 310 SEL) | 6.3 | 7.0 | 7.3 | 6.3 | 5.7 | 5.3 | 5.0 | 5.0 | 5.8 |
| MET 1 | 6.7 | 7.3 | 6.0 | 6.0 | 5.7 | 5.7 | 6.0 | 5.3 | 5.8 |
| IS-TF 269 SEL | 6.3 | 6.7 | 6.3 | 6.0 | 5.3 | 6.0 | 5.3 | 5.0 | 5.7 |
| IS-TF 272 | 7.3 | 6.3 | 7.3 | 6.0 | 6.0 | 5.3 | 5.3 | 4.3 | 5.7 |
| UNITUS (IS-TF 289) | 6.7 | 5.3 | 7.3 | 6.7 | 5.0 | 5.0 | 5.3 | 4.7 | 5.7 |
| B23 | 6.0 | 6.7 | 7.0 | 6.7 | 5.0 | 4.7 | 5.0 | 5.0 | 5.6 |
| AMITY (CCR2) | 6.0 | 7.0 | 6.0 | 6.0 | 5.0 | 5.3 | 6.0 | 5.3 | 5.6 |
| FAYETTE (IS-TF 291) | 6.0 | 6.0 | 6.0 | 5.7 | 5.0 | 5.3 | 6.0 | 5.3 | 5.6 |
| FOXHOUND (IS-TF 284 M2) | 7.0 | 6.7 | 7.0 | 6.0 | 5.7 | 4.7 | 5.3 | 4.7 | 5.6 |
| HOT ROD (BURL TF-136) | 6.3 | 6.3 | 7.0 | 6.3 | 5.3 | 5.3 | 5.3 | 4.3 | 5.6 |
| HOVER (BURL TF-69) | 6.0 | 7.0 | 6.7 | 6.7 | 5.0 | 5.0 | 5.3 | 5.0 | 5.6 |
| HOUNDOG8 (IS-TF 307 SEL) | 6.7 | 7.0 | 7.3 | 5.7 | 5.7 | 5.3 | 5.0 | 4.3 | 5.6 |
| KINGDOM (DB1) | 7.0 | 6.3 | 7.0 | 6.7 | 5.0 | 5.3 | 5.3 | 4.3 | 5.6 |
| MET-3 | 6.0 | 7.7 | 5.7 | 5.3 | 5.3 | 6.0 | 6.0 | 5.3 | 5.6 |
| TRAVERSE 2 SRP (W45) | 6.0 | 7.0 | 7.3 | 5.7 | 4.7 | 5.0 | 6.0 | 5.0 | 5.6 |
| 4TH MILLENNIUM SRP (U43) | 6.0 | 6.7 | 5.7 | 5.7 | 5.0 | 5.0 | 6.0 | 5.7 | 5.5 |
| DIABLO (IS-TF 330) | 7.0 | 7.0 | 7.0 | 6.0 | 5.3 | 5.0 | 5.3 | 4.3 | 5.5 |
| PARAMOUNT (PPG-TF-137) | 6.0 | 6.3 | 6.0 | 6.0 | 5.3 | 5.3 | 5.7 | 4.7 | 5.5 |
| PPG-TF-172 | 6.0 | 6.0 | 6.3 | 6.0 | 5.3 | 5.0 | 5.7 | 4.7 | 5.5 |
| RAD-TF-92 | 6.0 | 6.7 | 6.7 | 5.7 | 5.3 | 5.3 | 5.3 | 4.7 | 5.5 |
| REFLECTION (U45) | 6.0 | 6.7 | 7.3 | 5.7 | 4.7 | 5.0 | 5.7 | 4.7 | 5.5 |
| ARES (PPG-TF-142) | 7.0 | 6.3 | 6.3 | 5.7 | 5.7 | 5.0 | 5.3 | 4.3 | 5.4 |
| BIZEM | 6.0 | 7.3 | 6.3 | 6.0 | 5.3 | 5.0 | 5.3 | 4.7 | 5.4 |
| CATALYST | 6.0 | 6.3 | 5.7 | 5.3 | 5.0 | 5.3 | 6.0 | 5.3 | 5.4 |
| F711 | 6.0 | 6.7 | 5.7 | 5.7 | 5.0 | 5.3 | 5.7 | 5.0 | 5.4 |
| FIREBIRD 2 | 6.0 | 7.3 | 6.3 | 5.7 | 5.0 | 5.7 | 5.3 | 4.3 | 5.4 |
| FIREWALL (PSG-WE1) | 6.0 | 7.0 | 6.0 | 5.3 | 5.3 | 5.7 | 5.7 | 4.7 | 5.4 |
| K12-05 | 6.0 | 6.3 | 7.0 | 5.3 | 5.0 | 5.3 | 5.7 | 4.3 | 5.4 |
| K12-13 | 6.0 | 6.3 | 7.3 | 6.7 | 4.3 | 5.0 | 5.3 | 4.0 | 5.4 |
| K12-MCD | 6.0 | 6.7 | 5.7 | 6.0 | 5.0 | 5.3 | 5.7 | 4.7 | 5.4 |
| TEMPTATION (OR-21) | 7.3 | 6.7 | 6.7 | 6.0 | 5.3 | 5.0 | 5.0 | 4.7 | 5.4 |
| THOR (PPG-TF-157) | 6.3 | 7.3 | 6.3 | 6.3 | 5.3 | 5.0 | 5.0 | 4.7 | 5.4 |
| 204 RES. BLK4 | 6.0 | 6.0 | 4.7 | 5.3 | 5.3 | 6.0 | 5.7 | 5.0 | 5.3 |
| DYNAMITE LS (PPG-TF-145) | 7.0 | 6.7 | 6.7 | 6.7 | 5.3 | 4.7 | 4.7 | 4.0 | 5.3 |
| FESNOVA | 6.7 | 6.7 | 6.0 | 5.7 | 5.0 | 4.7 | 5.7 | 5.0 | 5.3 |
| FIRECRACKER SLS (PPG-TF-105) | 6.0 | 6.3 | 6.7 | 6.0 | 5.0 | 5.0 | 5.0 | 4.3 | 5.3 |
| IS-TF 276 M2 | 6.3 | 6.0 | 5.7 | 5.7 | 5.3 | 5.3 | 5.0 | 5.0 | 5.3 |
| NIGHTCRAWLER (IS-TF 285) | 6.0 | 6.3 | 6.3 | 5.7 | 5.3 | 5.0 | 5.0 | 4.7 | 5.3 |
| LEONARDO (LTP-FSD) | 6.0 | 6.7 | 6.3 | 5.7 | 5.0 | 5.0 | 5.3 | 4.3 | 5.3 |

TABLE 24. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) IN THE 2012 NATIONAL TALL FESCUE TEST AT LOGAN, UT 1/
2015 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | QUALITY RATINGS | | | | | | | MEAN |
|------------------------------|------------------|-------------------|-----------------|-----|-----|-----|-----|-----|-----|------|
| | | | MAY | JUN | JUL | AUG | SEP | OCT | | |
| BLOODHOUND (MET 6 SEL) | 5.7 | 7.0 | 5.3 | 6.0 | 5.0 | 5.3 | 5.7 | 4.7 | 5.3 | |
| PPG-TF-138 | 6.0 | 6.7 | 6.7 | 5.3 | 5.0 | 5.0 | 5.0 | 4.7 | 5.3 | |
| 'COMMANDER (PPG-TF-170) | 6.0 | 7.0 | 5.7 | 5.3 | 5.3 | 5.3 | 5.3 | 4.7 | 5.3 | |
| PSG-P01 | 6.0 | 6.7 | 6.3 | 5.3 | 5.0 | 5.0 | 5.7 | 4.7 | 5.3 | |
| RAD-TF-83 | 6.3 | 7.0 | 6.0 | 6.3 | 5.0 | 5.0 | 5.3 | 4.3 | 5.3 | |
| RAD-TF-89 | 6.0 | 6.0 | 6.3 | 5.7 | 5.0 | 5.3 | 5.3 | 4.3 | 5.3 | |
| RHAMBLER 2 SRP (LSD) | 6.0 | 6.0 | 6.3 | 5.7 | 5.0 | 5.0 | 5.0 | 4.7 | 5.3 | |
| TECHNIQUE (RZ2) | 6.0 | 7.0 | 6.3 | 6.3 | 5.0 | 4.7 | 5.0 | 4.7 | 5.3 | |
| TITANIUM 2LS (PPG-TF-152) | 6.0 | 6.7 | 6.3 | 5.7 | 5.0 | 5.0 | 5.0 | 4.7 | 5.3 | |
| BULLSEYE | 5.7 | 7.0 | 6.0 | 5.3 | 4.7 | 5.0 | 5.7 | 4.7 | 5.2 | |
| EMBRACE (PST-5EV2) | 5.7 | 6.7 | 5.3 | 6.0 | 5.0 | 5.0 | 5.3 | 4.7 | 5.2 | |
| FAITH | 6.0 | 6.7 | 4.7 | 5.3 | 5.3 | 5.3 | 6.0 | 4.7 | 5.2 | |
| GRANDE 3 | 5.3 | 6.3 | 5.0 | 5.0 | 4.7 | 5.7 | 5.7 | 5.0 | 5.2 | |
| GTO (BURL TF-2) | 6.0 | 6.7 | 5.7 | 5.3 | 4.7 | 5.0 | 5.3 | 5.0 | 5.2 | |
| IS-TF 308 SEL | 6.0 | 6.3 | 6.0 | 6.0 | 5.0 | 5.0 | 5.0 | 4.3 | 5.2 | |
| IS-TF-287 | 6.0 | 7.7 | 6.3 | 5.7 | 4.7 | 4.7 | 5.3 | 4.3 | 5.2 | |
| JS 916 | 6.0 | 6.7 | 6.7 | 5.0 | 5.3 | 5.0 | 5.0 | 4.3 | 5.2 | |
| MICHELANGELO (LTP-F5DPDR) | 6.0 | 6.0 | 5.7 | 5.0 | 5.3 | 5.7 | 5.0 | 4.7 | 5.2 | |
| PPG-TF-135 | 5.7 | 6.7 | 5.3 | 5.0 | 5.3 | 6.0 | 5.7 | 4.0 | 5.2 | |
| PST-5DZP | 6.0 | 6.3 | 6.3 | 5.3 | 5.3 | 5.0 | 5.0 | 4.0 | 5.2 | |
| OLYMPUS (RAD-TF-88) | 6.0 | 5.7 | 6.0 | 6.0 | 4.7 | 4.7 | 5.3 | 4.3 | 5.2 | |
| ROWDY (SRX-TPC) | 6.0 | 5.7 | 6.3 | 5.3 | 5.0 | 5.0 | 5.0 | 4.3 | 5.2 | |
| W41 | 6.0 | 6.0 | 5.0 | 5.3 | 5.3 | 5.3 | 6.0 | 4.3 | 5.2 | |
| XTENDER (PPG-TF-139) | 6.0 | 6.3 | 6.0 | 5.3 | 5.0 | 5.0 | 5.7 | 4.0 | 5.2 | |
| COMP. RES. SST | 5.7 | 5.7 | 5.0 | 5.0 | 5.3 | 5.7 | 5.7 | 4.0 | 5.1 | |
| MEMPHIS (GO-DFR) | 6.3 | 5.7 | 4.7 | 4.7 | 5.7 | 5.7 | 5.7 | 4.3 | 5.1 | |
| RHIZING MOON (IS-TF 305 SEL) | 6.0 | 6.7 | 6.0 | 5.7 | 4.7 | 4.7 | 5.0 | 4.7 | 5.1 | |
| WICHITA (PPG-TF-151) | 6.0 | 6.3 | 6.7 | 5.0 | 5.0 | 4.7 | 5.0 | 4.0 | 5.1 | |
| PPG-TF-169 | 5.3 | 7.3 | 4.7 | 5.3 | 4.7 | 5.3 | 5.7 | 5.0 | 5.1 | |
| PST-5BRK | 6.0 | 6.0 | 5.3 | 6.0 | 5.0 | 4.7 | 5.3 | 4.3 | 5.1 | |
| TEMPLE (DZ1) | 6.0 | 7.0 | 5.3 | 5.3 | 5.0 | 5.0 | 5.3 | 4.3 | 5.1 | |
| ATF 1704 | 5.7 | 6.7 | 5.0 | 5.0 | 4.7 | 5.0 | 5.7 | 4.7 | 5.0 | |
| CAESAR (TY 10) | 6.0 | 6.0 | 5.3 | 4.7 | 5.0 | 5.0 | 5.3 | 4.7 | 5.0 | |
| SWAGGER (PST-5R05) | 6.0 | 6.3 | 5.7 | 5.7 | 5.0 | 4.7 | 5.3 | 3.7 | 5.0 | |
| ATF 1612 | 5.7 | 6.7 | 5.7 | 5.7 | 4.3 | 4.3 | 5.3 | 4.3 | 4.9 | |
| BAR FA 121091 | 6.0 | 5.7 | 5.3 | 5.7 | 5.0 | 5.0 | 4.7 | 3.7 | 4.9 | |
| BAR FA 121095 | 6.0 | 6.3 | 6.3 | 5.0 | 5.0 | 4.7 | 4.3 | 4.3 | 4.9 | |
| FALCON V | 6.0 | 6.7 | 5.0 | 5.0 | 4.7 | 5.0 | 5.0 | 4.7 | 4.9 | |
| HEMI | 5.7 | 7.0 | 5.7 | 5.3 | 5.0 | 5.0 | 4.7 | 3.7 | 4.9 | |
| JS 809 | 6.0 | 6.0 | 5.7 | 5.0 | 4.7 | 4.7 | 5.0 | 4.3 | 4.9 | |
| JS 825 | 6.3 | 5.3 | 5.3 | 6.0 | 4.7 | 4.7 | 5.0 | 3.7 | 4.9 | |
| MAESTRO (T31) | 6.0 | 5.7 | 4.7 | 4.7 | 5.0 | 5.0 | 5.3 | 4.7 | 4.9 | |
| ROCKWELL (LTP-TWU) | 6.0 | 7.0 | 5.0 | 5.7 | 4.7 | 5.7 | 4.7 | 4.0 | 4.9 | |
| SCREAMER LS (PPG-TF-148) | 6.0 | 7.0 | 4.7 | 4.7 | 5.0 | 5.0 | 5.7 | 4.7 | 4.9 | |
| BLACK TAIL (PPG-TF-150) | 5.7 | 7.0 | 4.7 | 5.3 | 4.7 | 5.0 | 5.0 | 4.3 | 4.8 | |

TABLE 24. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) IN THE 2012 NATIONAL TALL FESCUE TEST AT LOGAN, UT 1/
2015 DATA

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

| NAME | GENETIC COLOR | SPRING GREENUP | MAY | JUN | QUALITY RATINGS | | | | MEAN |
|------------------------|------------------|-------------------|------|------|-----------------|------|------|------|------|
| | | | | | JUL | AUG | SEP | OCT | |
| FALCON IV | 5.7 | 7.3 | 5.0 | 5.3 | 4.7 | 5.0 | 4.7 | 4.0 | 4.8 |
| INSPIRATION (PST-R5NW) | 6.7 | 6.3 | 5.3 | 4.7 | 5.0 | 4.7 | 4.7 | 4.7 | 4.8 |
| IS-TF 311 | 6.0 | 6.3 | 5.3 | 4.3 | 5.0 | 5.0 | 5.3 | 4.0 | 4.8 |
| JS 818 | 6.3 | 6.7 | 6.3 | 5.3 | 4.3 | 4.3 | 4.7 | 4.0 | 4.8 |
| JS 819 | 6.3 | 6.3 | 5.7 | 5.0 | 5.0 | 4.7 | 4.7 | 3.7 | 4.8 |
| PPG-TF-115 | 6.0 | 6.0 | 6.0 | 4.3 | 5.0 | 5.0 | 5.0 | 3.7 | 4.8 |
| PST-5BPO | 6.0 | 6.3 | 4.3 | 5.0 | 5.0 | 5.3 | 5.0 | 4.0 | 4.8 |
| TERRANO | 6.0 | 6.3 | 5.3 | 4.3 | 5.0 | 4.7 | 5.3 | 4.3 | 4.8 |
| WARHAWK | 6.0 | 6.3 | 5.3 | 4.7 | 5.0 | 5.0 | 4.7 | 4.0 | 4.8 |
| ATF 1736 | 6.0 | 5.7 | 5.0 | 4.7 | 5.0 | 5.0 | 5.0 | 3.7 | 4.7 |
| ATF 1754 | 5.7 | 6.7 | 4.7 | 4.7 | 5.0 | 5.0 | 5.0 | 4.0 | 4.7 |
| MARAUDER | 6.0 | 6.0 | 4.7 | 4.3 | 5.0 | 4.7 | 5.3 | 3.7 | 4.6 |
| MERIDIAN (PST-5GRB) | 5.0 | 6.3 | 6.0 | 5.3 | 4.7 | 4.3 | 4.3 | 2.7 | 4.6 |
| PSG-8BP2 | 6.0 | 5.7 | 4.7 | 4.7 | 5.0 | 5.0 | 4.7 | 3.7 | 4.6 |
| PSG-TT4 | 5.7 | 6.3 | 5.3 | 4.3 | 5.0 | 4.7 | 4.3 | 3.7 | 4.6 |
| PST-5MVD | 6.0 | 6.7 | 4.7 | 4.3 | 4.7 | 5.0 | 5.0 | 3.7 | 4.6 |
| RAIN DANCE (PST-5SDT) | 5.7 | 5.7 | 4.3 | 5.0 | 4.7 | 5.0 | 4.7 | 4.0 | 4.6 |
| ANNIHILATOR | 6.0 | 5.7 | 4.7 | 4.3 | 4.7 | 5.3 | 4.3 | 3.0 | 4.4 |
| FRONTLINE (EXP TF-09) | 6.0 | 6.0 | 4.3 | 4.3 | 4.3 | 5.0 | 4.3 | 4.0 | 4.4 |
| PSG-GSD | 5.3 | 6.7 | 5.0 | 4.3 | 4.7 | 5.0 | 4.3 | 3.3 | 4.4 |
| SALTILLO (PST-5SALT) | 5.3 | 5.7 | 4.3 | 4.3 | 4.3 | 5.0 | 4.7 | 4.0 | 4.4 |
| BAR FA 121089 | 5.7 | 5.7 | 4.3 | 5.3 | 4.0 | 4.0 | 4.7 | 3.3 | 4.3 |
| PST-5EX2 | 6.0 | 6.7 | 3.7 | 3.7 | 4.3 | 4.3 | 5.0 | 5.0 | 4.3 |
| AQUADUCT | 5.3 | 5.3 | 4.3 | 4.0 | 3.7 | 4.0 | 4.7 | 3.7 | 4.1 |
| BAR FA 120878 | 4.3 | 6.0 | 2.7 | 3.3 | 3.3 | 4.3 | 3.7 | 3.7 | 3.5 |
| KY-31 | 3.7 | 6.0 | 1.0 | 2.3 | 2.0 | 2.0 | 1.7 | 2.7 | 1.9 |
| LSD VALUE | 0.7 | 1.7 | 1.7 | 1.8 | 0.9 | 1.1 | 1.1 | 1.1 | 0.7 |
| C.V. (%) | 6.7 | 11.2 | 17.4 | 17.0 | 10.1 | 11.2 | 11.5 | 14.0 | 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 25. RHIZOME COUNTS AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT LOGAN (SPREAD STUDY), UT 1/
2015 DATA

| NAME | HOLE DIAMETER MEASURED IN SQ. CM 2/ | | | | |
|------------------------------|-------------------------------------|---------------------------|---------------------------|-------------------------|-------------------------|
| | RHIZOMES COUNTS | SPRING HOLE DIAMETER 1 | SPRING HOLE DIAMETER 2 | FALL HOLE DIAMETER 1 | FALL HOLE DIAMETER 2 |
| GTO (BURL TF-2) | 1.3 | 15.0 | 15.0 | 13.0 | 15.3 |
| COMP. RES. SST | 0.3 | 15.7 | 16.0 | 13.7 | 14.3 |
| ARES (PPG-TF-142) | 1.0 | 14.7 | 16.0 | 14.0 | 14.0 |
| BAR FA 121089 | 1.0 | 13.7 | 14.3 | 13.7 | 14.0 |
| CATALYST | 1.0 | 14.3 | 14.0 | 14.0 | 14.0 |
| FIREBIRD 2 | 1.7 | 13.7 | 14.7 | 12.7 | 14.0 |
| IS-TF 269 SEL | 0.7 | 14.3 | 14.7 | 14.0 | 14.0 |
| MAESTRO (T31) | 0.3 | 14.3 | 14.0 | 13.0 | 14.0 |
| 204 RES. BLK4 | 0.7 | 13.3 | 14.7 | 12.3 | 13.7 |
| 4TH MILLENNIUM SRP (U43) | 0.0 | 14.0 | 13.3 | 13.3 | 13.7 |
| AQUADUCT | 3.0 | 14.3 | 13.7 | 13.0 | 13.7 |
| B23 | 0.3 | 15.0 | 14.0 | 13.0 | 13.7 |
| BIZEM | 2.3 | 15.0 | 14.3 | 14.0 | 13.7 |
| DYNAMITE LS (PPG-TF-145) | 2.0 | 13.7 | 14.3 | 13.0 | 13.7 |
| FOXHOUND (IS-TF 284 M2) | 1.0 | 15.0 | 14.7 | 12.0 | 13.7 |
| IS-TF 272 | 0.3 | 14.0 | 14.3 | 12.7 | 13.7 |
| RHIZING MOON (IS-TF 305 SEL) | 1.7 | 13.7 | 13.3 | 12.7 | 13.7 |
| JS 819 | 0.7 | 14.3 | 14.0 | 13.3 | 13.7 |
| JS 916 | 2.3 | 14.3 | 14.7 | 13.3 | 13.7 |
| K12-13 | 1.3 | 14.0 | 14.0 | 14.3 | 13.7 |
| MERIDIAN (PST-5GRB) | 1.7 | 14.3 | 13.7 | 12.3 | 13.7 |
| MET 1 | 2.0 | 13.3 | 14.7 | 13.7 | 13.7 |
| PST-5BRK | 1.7 | 14.7 | 13.7 | 13.0 | 13.7 |
| REGENERATE | 1.3 | 13.3 | 13.7 | 12.7 | 13.7 |
| SCREAMER LS (PPG-TF-148) | 1.0 | 13.7 | 14.0 | 13.3 | 13.7 |
| WARHAWK | 1.7 | 13.0 | 14.3 | 12.7 | 13.7 |
| AVENGER II (PPG-TF-156) | 1.3 | 13.7 | 15.0 | 13.0 | 13.5 |
| ANNIHILATOR | 1.3 | 14.7 | 14.3 | 14.0 | 13.3 |
| BAR FA 121091 | 1.7 | 14.0 | 14.3 | 13.7 | 13.3 |
| BAR FA 121095 | 0.3 | 14.3 | 14.3 | 13.0 | 13.3 |
| BULLSEYE | 1.0 | 14.0 | 14.0 | 12.7 | 13.3 |
| FAYETTE (IS-TF 291) | 1.0 | 14.7 | 14.7 | 13.3 | 13.3 |
| MEMPHIS (GO-DFR) | 1.0 | 14.0 | 13.7 | 12.3 | 13.3 |
| NIGHTCRAWLER (IS-TF 285) | 2.0 | 14.7 | 14.0 | 12.7 | 13.3 |
| UNITUS (IS-TF 289) | 1.7 | 15.0 | 14.3 | 13.3 | 13.3 |
| HOUND08 (IS-TF 307 SEL) | 1.3 | 14.3 | 14.3 | 13.3 | 13.3 |
| KY-31 | 3.7 | 15.0 | 15.0 | 13.0 | 13.3 |
| BLOODHOUND (MET 6 SEL) | 1.0 | 14.3 | 14.0 | 14.3 | 13.3 |
| PPG-TF-135 | 2.3 | 13.3 | 14.0 | 14.3 | 13.3 |
| PSG-8BP2 | 2.3 | 14.3 | 14.0 | 13.7 | 13.3 |
| PSG-GSD | 1.3 | 13.3 | 14.0 | 13.7 | 13.3 |
| PSG-PO1 | 0.7 | 14.0 | 14.0 | 13.7 | 13.3 |
| PST-5DZP | 2.3 | 13.3 | 14.3 | 12.0 | 13.3 |
| OLYMPUS (RAD-TF-88) | 1.3 | 14.3 | 14.7 | 14.7 | 13.3 |

TABLE 25. RHIZOME COUNTS AND OTHER RATINGS OF TALL FESCUE CULTIVARS
 (CONT'D) IN THE 2012 NATIONAL TALL FESCUE TEST AT LOGAN (SPREAD STUDY), UT 1/
 2015 DATA

HOLE DIAMETER MEASURED IN SQ. CM 2/

| NAME | RHIZOMES COUNTS | SPRING HOLE DIAMETER 1 | SPRING HOLE DIAMETER 2 | FALL HOLE DIAMETER 1 | FALL HOLE DIAMETER 2 |
|------------------------------|--------------------|---------------------------|---------------------------|-------------------------|-------------------------|
| REFLECTION (U45) | 0.3 | 14.0 | 14.3 | 13.0 | 13.3 |
| RHAMBLER 2 SRP (LSD) | 1.7 | 14.3 | 14.3 | 13.7 | 13.3 |
| SWAGGER (PST-5R05) | 1.0 | 15.0 | 13.7 | 13.0 | 13.3 |
| TEMPLE (DZ1) | 1.3 | 15.0 | 14.3 | 13.0 | 13.3 |
| TEMPTATION (OR-21) | 1.7 | 14.0 | 13.3 | 12.3 | 13.3 |
| THUNDERSTRUCK (TD1) | 5.0 | 14.7 | 14.3 | 14.0 | 13.3 |
| W41 | 2.0 | 14.0 | 14.7 | 14.0 | 13.3 |
| ATF 1612 | 1.7 | 14.0 | 13.7 | 12.0 | 13.0 |
| ATF 1754 | 2.7 | 14.0 | 13.7 | 13.7 | 13.0 |
| CAESAR (TY 10) | 1.7 | 14.0 | 14.7 | 12.3 | 13.0 |
| AMITY (CCR2) | 0.3 | 13.0 | 13.7 | 12.3 | 13.0 |
| FESNOVA | 2.7 | 14.7 | 14.3 | 13.7 | 13.0 |
| FIRECRACKER SLS (PPG-TF-105) | 1.7 | 13.7 | 14.0 | 13.0 | 13.0 |
| FRONTLINE (EXP TF-09) | 0.7 | 13.3 | 14.3 | 12.0 | 13.0 |
| HOVER (BURL TF-69) | 1.7 | 14.7 | 14.3 | 12.7 | 13.0 |
| IS-TF 276 M2 | 1.7 | 14.7 | 13.3 | 13.3 | 13.0 |
| IS-TF 308 SEL | 1.7 | 14.0 | 14.7 | 14.0 | 13.0 |
| CROSSFIRE 4 (IS-TF 310 SEL) | 1.0 | 13.0 | 14.0 | 13.0 | 13.0 |
| IS-TF-287 | 0.3 | 13.7 | 13.3 | 14.0 | 13.0 |
| KINGDOM (DB1) | 2.7 | 13.7 | 14.3 | 12.3 | 13.0 |
| MARAUDER | 1.0 | 12.7 | 13.7 | 13.7 | 13.0 |
| WICHITA (PPG-TF-151) | 5.0 | 13.3 | 14.3 | 12.7 | 13.0 |
| PPG-TF-169 | 2.3 | 13.0 | 14.3 | 13.3 | 13.0 |
| PST-5EX2 | 3.0 | 14.3 | 13.7 | 11.7 | 13.0 |
| PST-5MVD | 0.7 | 13.3 | 14.0 | 12.3 | 13.0 |
| RAD-TF-89 | 1.3 | 14.0 | 14.7 | 13.0 | 13.0 |
| RAPTOR III (ZW 44) | 1.3 | 14.0 | 14.0 | 13.0 | 13.0 |
| ROCKWELL (LTP-TWUU) | 1.7 | 12.0 | 14.7 | 12.3 | 13.0 |
| TERRANO | 5.0 | 13.3 | 14.0 | 14.0 | 13.0 |
| TRAVERSE 2 SRP (W45) | 0.7 | 14.0 | 14.7 | 12.3 | 13.0 |
| ATF 1704 | 0.3 | 14.0 | 15.7 | 13.7 | 12.7 |
| BAR FA 120878 | 1.0 | 13.3 | 13.3 | 12.0 | 12.7 |
| BLACK TAIL (PPG-TF-150) | 1.7 | 15.0 | 14.7 | 12.7 | 12.7 |
| DIABLO (IS-TF 330) | 1.7 | 14.7 | 13.7 | 12.3 | 12.7 |
| F711 | 1.7 | 14.0 | 13.7 | 14.3 | 12.7 |
| FALCON IV | 3.3 | 14.0 | 15.0 | 13.3 | 12.7 |
| FALCON V | 0.3 | 14.3 | 14.3 | 13.0 | 12.7 |
| GRANDE 3 | 1.3 | 14.3 | 13.3 | 12.3 | 12.7 |
| HEMI | 1.3 | 13.7 | 14.0 | 13.3 | 12.7 |
| INSPIRATION (PST-R5NW) | 1.3 | 14.0 | 14.7 | 12.3 | 12.7 |
| JS 825 | 4.0 | 13.3 | 15.3 | 13.3 | 12.7 |
| K12-MCD | 1.0 | 14.0 | 13.3 | 13.0 | 12.7 |
| MET-3 | 0.3 | 14.0 | 13.0 | 12.3 | 12.7 |
| PPG-TF-138 | 1.3 | 14.3 | 14.3 | 12.7 | 12.7 |

TABLE 25. RHIZOME COUNTS AND OTHER RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) IN THE 2012 NATIONAL TALL FESCUE TEST AT LOGAN (SPREAD STUDY), UT 1/
2015 DATA

| NAME | HOLE DIAMETER MEASURED IN SQ. CM 2/ | | | | |
|---------------------------|-------------------------------------|---------------------------|---------------------------|-------------------------|-------------------------|
| | RHIZOMES COUNTS | SPRING HOLE DIAMETER 1 | SPRING HOLE DIAMETER 2 | FALL HOLE DIAMETER 1 | FALL HOLE DIAMETER 2 |
| PPG-TF-172 | 1.0 | 14.3 | 14.0 | 13.0 | 12.7 |
| TITANIUM 2LS (PPG-TF-152) | 1.7 | 14.0 | 14.3 | 12.0 | 12.7 |
| TURFWAY (IS-TF 282 M2) | 2.0 | 14.0 | 14.0 | 13.0 | 12.7 |
| ATF 1736 | 1.0 | 12.7 | 14.3 | 12.0 | 12.3 |
| EMBRACE (PST-5EV2) | 2.7 | 14.0 | 14.0 | 13.7 | 12.3 |
| PARAMOUNT (PPG-TF-137) | 1.0 | 14.0 | 13.0 | 12.7 | 12.3 |
| 'COMMANDER (PPG-TF-170) | 1.0 | 13.7 | 13.0 | 12.3 | 12.3 |
| RAD-TF-83 | 1.0 | 14.3 | 15.3 | 13.0 | 12.3 |
| RAD-TF-92 | 0.7 | 13.7 | 14.0 | 13.5 | 12.3 |
| RAIN DANCE (PST-5SDT) | 1.0 | 13.0 | 13.7 | 13.7 | 12.3 |
| ROWDY (SRX-TPC) | 1.7 | 14.0 | 13.7 | 13.7 | 12.3 |
| FAITH | 2.3 | 14.0 | 13.7 | 13.0 | 12.0 |
| HOT ROD (BURL TF-136) | 1.3 | 14.0 | 15.0 | 12.7 | 12.0 |
| IS-TF 311 | 1.3 | 13.3 | 14.0 | 13.7 | 12.0 |
| JS 818 | 3.0 | 15.0 | 14.3 | 15.0 | 12.0 |
| MICHELANGELO (LTP-F5DPDR) | 1.7 | 14.0 | 14.0 | 11.7 | 12.0 |
| REBOUNDER (PICK-W43) | 1.0 | 14.0 | 14.3 | 13.0 | 12.0 |
| PSG-TT4 | 1.0 | 14.7 | 13.3 | 12.3 | 12.0 |
| PST-5BPO | 1.0 | 13.0 | 14.0 | 12.3 | 12.0 |
| FIREWALL (PSG-WE1) | 1.3 | 15.0 | 15.0 | 13.0 | 11.7 |
| K12-05 | 3.7 | 14.0 | 13.7 | 13.3 | 11.7 |
| XTENDER (PPG-TF-139) | 2.3 | 13.0 | 13.3 | 12.3 | 11.7 |
| LEONARDO (LTP-FSD) | 2.3 | 13.0 | 13.3 | 11.3 | 11.3 |
| PPG-TF-115 | 3.3 | 12.7 | 13.0 | 12.0 | 11.3 |
| SALTILLO (PST-5SALT) | 0.7 | 14.0 | 14.3 | 11.7 | 11.3 |
| TECHNIQUE (RZ2) | 1.0 | 13.3 | 14.0 | 13.3 | 11.3 |
| THOR (PPG-TF-157) | 1.0 | 14.3 | 13.0 | 12.0 | 11.0 |
| JS 809 | 2.3 | 14.0 | 13.3 | 13.3 | 10.7 |
| LSD VALUE | 6.0 | 5.6 | 4.7 | 5.5 | 5.6 |
| C.V. (%) | 101.7 | 8.1 | 7.3 | 9.4 | 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 26. MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT BLACKSBURG, VA 1/
2015 DATA

| NAME | TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/ | | | | | | | | MEAN |
|-----------------------------|--|-----|-----|-----|-----|-----|-----|-----|------|
| | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | |
| RAPTOR III (ZW 44) | 6.7 | 6.0 | 8.0 | 7.3 | 8.3 | 8.0 | 7.7 | 7.7 | 7.5 |
| MET-3 | 7.3 | 6.3 | 7.7 | 7.7 | 7.3 | 8.0 | 7.3 | 7.7 | 7.4 |
| 4TH MILLENNIUM SRP (U43) | 7.3 | 6.0 | 7.3 | 7.3 | 7.0 | 7.7 | 7.7 | 7.7 | 7.3 |
| TRAVERSE 2 SRP (W45) | 6.7 | 6.0 | 7.7 | 7.3 | 7.7 | 8.0 | 7.7 | 7.3 | 7.3 |
| BIZEM | 5.7 | 6.7 | 7.7 | 8.0 | 7.3 | 7.7 | 7.3 | 7.0 | 7.2 |
| CATALYST | 7.3 | 5.7 | 7.3 | 7.3 | 7.7 | 7.7 | 7.3 | 7.3 | 7.2 |
| MET 1 | 6.7 | 5.7 | 7.7 | 7.0 | 8.0 | 7.7 | 7.7 | 7.0 | 7.2 |
| TITANIUM 2LS (PPG-TF-152) | 6.3 | 6.0 | 7.3 | 7.3 | 7.3 | 8.0 | 7.7 | 7.3 | 7.2 |
| W41 | 6.0 | 6.7 | 7.7 | 7.3 | 7.7 | 7.7 | 7.3 | 7.0 | 7.2 |
| IS-TF 308 SEL | 6.0 | 6.3 | 7.3 | 7.3 | 7.0 | 8.0 | 7.7 | 7.3 | 7.1 |
| 'COMMANDER (PPG-TF-170) | 6.0 | 6.7 | 7.7 | 7.3 | 7.7 | 7.7 | 7.3 | 6.7 | 7.1 |
| ATF 1704 | 6.0 | 5.7 | 7.7 | 7.7 | 7.0 | 7.7 | 7.0 | 7.0 | 7.0 |
| AMITY (CCR2) | 5.3 | 6.0 | 7.7 | 7.0 | 7.7 | 7.7 | 7.7 | 7.0 | 7.0 |
| FAYETTE (IS-TF 291) | 6.3 | 6.3 | 7.0 | 7.0 | 7.3 | 7.3 | 7.3 | 7.3 | 7.0 |
| HOVER (BURL TF-69) | 6.3 | 5.7 | 7.7 | 6.7 | 7.7 | 7.7 | 7.3 | 7.0 | 7.0 |
| BLOODHOUND (MET 6 SEL) | 6.3 | 6.3 | 7.3 | 7.0 | 7.3 | 7.7 | 7.3 | 6.7 | 7.0 |
| REBOUNDER (PICK-W43) | 5.7 | 6.0 | 7.3 | 7.3 | 8.0 | 7.3 | 7.3 | 6.7 | 7.0 |
| PPG-TF-172 | 5.7 | 6.0 | 7.7 | 7.0 | 7.7 | 7.7 | 7.3 | 6.7 | 7.0 |
| PST-5BRK | 5.3 | 6.0 | 7.7 | 7.7 | 7.3 | 8.0 | 7.3 | 6.7 | 7.0 |
| REFLECTION (U45) | 6.7 | 5.3 | 7.7 | 7.3 | 7.0 | 7.7 | 7.3 | 7.0 | 7.0 |
| ROCKWELL (LTP-TWUU) | 5.7 | 6.0 | 7.3 | 8.0 | 7.0 | 7.7 | 7.3 | 7.0 | 7.0 |
| AVENGER II (PPG-TF-156) | 5.7 | 6.3 | 7.3 | 7.3 | 7.3 | 7.7 | 7.3 | 6.3 | 6.9 |
| F711 | 5.3 | 6.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.0 | 7.0 | 6.9 |
| HOUND08 (IS-TF 307 SEL) | 6.0 | 6.0 | 7.3 | 6.3 | 7.7 | 7.7 | 7.3 | 6.7 | 6.9 |
| CROSSFIRE 4 (IS-TF 310 SEL) | 5.3 | 6.3 | 7.7 | 7.3 | 7.0 | 7.7 | 7.7 | 6.3 | 6.9 |
| XTENDER (PPG-TF-139) | 6.7 | 6.0 | 7.0 | 7.0 | 7.0 | 7.3 | 7.3 | 7.0 | 6.9 |
| ATF 1754 | 5.3 | 6.7 | 7.0 | 7.3 | 6.7 | 7.7 | 7.3 | 6.7 | 6.8 |
| BLACK TAIL (PPG-TF-150) | 6.0 | 6.3 | 7.0 | 6.7 | 7.3 | 7.3 | 7.3 | 6.7 | 6.8 |
| DYNAMITE LS (PPG-TF-145) | 7.0 | 5.3 | 7.0 | 7.0 | 6.7 | 7.0 | 7.0 | 7.0 | 6.8 |
| FESNOVA | 6.0 | 6.0 | 7.3 | 6.7 | 7.3 | 7.3 | 7.3 | 6.7 | 6.8 |
| FIREWALL (PSG-WE1) | 6.7 | 5.7 | 7.0 | 6.7 | 7.0 | 7.7 | 7.0 | 6.7 | 6.8 |
| GTO (BURL TF-2) | 6.3 | 5.7 | 7.0 | 7.0 | 6.7 | 7.7 | 7.3 | 6.7 | 6.8 |
| JS 916 | 6.0 | 5.7 | 7.0 | 6.7 | 7.0 | 7.7 | 7.3 | 6.7 | 6.8 |
| PPG-TF-135 | 5.7 | 5.7 | 7.0 | 7.0 | 7.0 | 7.7 | 7.3 | 6.7 | 6.8 |
| PPG-TF-169 | 6.0 | 6.3 | 7.0 | 6.7 | 7.0 | 7.3 | 7.3 | 6.3 | 6.8 |
| PSG-P01 | 6.7 | 5.0 | 7.3 | 6.3 | 7.3 | 7.7 | 7.3 | 6.3 | 6.8 |
| REGENERATE | 6.0 | 5.7 | 7.0 | 7.0 | 7.0 | 7.7 | 7.3 | 6.7 | 6.8 |
| SALTILLO (PST-5SALT) | 5.7 | 5.7 | 7.3 | 7.0 | 7.3 | 7.3 | 7.7 | 6.7 | 6.8 |
| TECHNIQUE (RZ2) | 6.0 | 6.3 | 7.0 | 7.0 | 7.0 | 7.3 | 7.3 | 6.7 | 6.8 |
| THOR (PPG-TF-157) | 5.7 | 6.0 | 7.3 | 7.3 | 7.3 | 7.0 | 7.0 | 6.7 | 6.8 |
| LEONARDO (LTP-FSD) | 5.3 | 6.0 | 7.3 | 7.3 | 7.0 | 7.3 | 7.0 | 6.3 | 6.7 |
| TURFWAY (IS-TF 282 M2) | 6.3 | 5.3 | 7.0 | 6.7 | 7.0 | 7.0 | 7.0 | 7.0 | 6.7 |
| ARES (PPG-TF-142) | 6.0 | 5.3 | 7.0 | 7.0 | 7.0 | 6.7 | 7.3 | 6.3 | 6.6 |
| FOXHOUND (IS-TF 284 M2) | 5.7 | 5.7 | 7.0 | 7.0 | 6.7 | 7.3 | 7.0 | 6.7 | 6.6 |
| GRANDE 3 | 5.3 | 5.0 | 7.3 | 7.0 | 7.0 | 7.3 | 7.0 | 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/
 2015 DATA

| NAME | TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/ | | | | | | | | |
|------------------------------|--|-----|-----|-----|-----|-----|-----|-----|------|
| | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | MEAN |
| K12-MCD | 6.0 | 6.0 | 6.7 | 6.7 | 6.7 | 7.3 | 7.0 | 6.3 | 6.6 |
| MICHELANGELO (LTP-F5DPDR) | 6.0 | 5.7 | 7.0 | 7.0 | 6.3 | 7.0 | 7.0 | 6.7 | 6.6 |
| PARAMOUNT (PPG-TF-137) | 6.0 | 5.7 | 6.7 | 6.7 | 6.7 | 7.3 | 7.0 | 6.7 | 6.6 |
| RHAMBLER 2 SRP (LSD) | 6.0 | 5.3 | 6.7 | 6.3 | 7.0 | 7.0 | 7.3 | 7.0 | 6.6 |
| AQUADUCT | 5.7 | 5.7 | 6.7 | 6.7 | 6.3 | 7.3 | 6.7 | 6.7 | 6.5 |
| ATF 1736 | 5.3 | 6.7 | 7.0 | 7.0 | 6.3 | 7.3 | 6.7 | 6.0 | 6.5 |
| EMBRACE (PST-5EV2) | 5.3 | 6.0 | 7.0 | 6.7 | 7.0 | 7.0 | 6.7 | 6.3 | 6.5 |
| FIREBIRD 2 | 6.0 | 5.7 | 6.7 | 6.3 | 6.7 | 7.0 | 7.0 | 6.3 | 6.5 |
| FIRECRACKER SLS (PPG-TF-105) | 5.0 | 5.7 | 7.0 | 6.7 | 7.3 | 7.0 | 7.0 | 6.0 | 6.5 |
| HOT ROD (BURL TF-136) | 5.3 | 5.7 | 6.7 | 6.7 | 7.0 | 7.0 | 7.0 | 6.3 | 6.5 |
| PPG-TF-138 | 6.0 | 5.7 | 6.3 | 6.3 | 6.3 | 7.3 | 6.7 | 7.0 | 6.5 |
| PST-5MVD | 5.3 | 6.3 | 6.7 | 6.7 | 7.0 | 6.7 | 6.7 | 6.3 | 6.5 |
| ROWDY (SRX-TPC) | 6.7 | 5.7 | 6.7 | 6.0 | 6.7 | 6.7 | 7.0 | 6.7 | 6.5 |
| TERRANO | 6.0 | 5.7 | 7.0 | 6.3 | 6.7 | 7.0 | 7.0 | 6.3 | 6.5 |
| RHIZING MOON (IS-TF 305 SEL) | 6.0 | 5.7 | 6.7 | 6.0 | 6.3 | 7.0 | 6.7 | 7.0 | 6.4 |
| IS-TF 311 | 5.7 | 5.7 | 7.0 | 6.7 | 6.7 | 7.0 | 6.3 | 6.3 | 6.4 |
| PPG-TF-115 | 6.3 | 5.3 | 6.7 | 6.3 | 6.7 | 7.0 | 6.7 | 6.0 | 6.4 |
| WICHITA (PPG-TF-151) | 5.3 | 6.0 | 6.7 | 6.3 | 7.0 | 7.3 | 7.0 | 5.7 | 6.4 |
| PST-5BP0 | 6.0 | 6.3 | 6.7 | 6.3 | 6.7 | 7.0 | 6.3 | 6.0 | 6.4 |
| SCREAMER LS (PPG-TF-148) | 6.3 | 5.7 | 6.7 | 6.0 | 6.7 | 7.0 | 6.7 | 6.3 | 6.4 |
| TEMPLE (DZ1) | 5.7 | 5.3 | 7.0 | 6.3 | 7.0 | 7.0 | 7.0 | 6.0 | 6.4 |
| ATF 1612 | 5.7 | 5.0 | 6.7 | 6.0 | 6.7 | 6.7 | 6.7 | 6.7 | 6.3 |
| B23 | 6.0 | 5.7 | 6.3 | 6.3 | 6.3 | 6.7 | 6.7 | 6.3 | 6.3 |
| CAESAR (TY 10) | 5.3 | 6.0 | 6.3 | 6.3 | 7.0 | 6.7 | 6.7 | 6.3 | 6.3 |
| FAITH | 6.0 | 5.0 | 6.7 | 5.7 | 7.0 | 7.3 | 6.7 | 6.3 | 6.3 |
| HEMI | 6.7 | 4.7 | 6.3 | 6.0 | 6.7 | 7.0 | 6.7 | 6.7 | 6.3 |
| RAIN DANCE (PST-5SDT) | 5.7 | 5.0 | 6.7 | 6.3 | 6.0 | 7.0 | 6.7 | 6.7 | 6.3 |
| FALCON V | 5.3 | 5.7 | 6.3 | 5.7 | 6.3 | 7.0 | 7.0 | 6.3 | 6.2 |
| IS-TF 276 M2 | 5.7 | 5.3 | 6.3 | 6.0 | 6.3 | 7.0 | 6.7 | 6.3 | 6.2 |
| NIGHTCRAWLER (IS-TF 285) | 5.3 | 5.3 | 6.7 | 6.3 | 6.3 | 6.7 | 6.3 | 6.3 | 6.2 |
| IS-TF-287 | 6.0 | 5.7 | 6.3 | 5.7 | 6.7 | 7.0 | 6.3 | 5.7 | 6.2 |
| MAESTRO (T31) | 6.0 | 5.3 | 6.3 | 6.0 | 6.3 | 6.3 | 6.7 | 6.7 | 6.2 |
| PSG-TT4 | 5.7 | 6.0 | 6.3 | 6.0 | 6.0 | 6.7 | 7.0 | 6.0 | 6.2 |
| RAD-TF-89 | 5.7 | 5.7 | 6.3 | 5.7 | 6.3 | 6.7 | 7.0 | 6.3 | 6.2 |
| RAD-TF-92 | 5.0 | 4.7 | 6.7 | 6.3 | 6.7 | 7.0 | 6.3 | 6.7 | 6.2 |
| BAR FA 121089 | 5.7 | 5.0 | 6.3 | 6.7 | 6.3 | 6.3 | 6.3 | 6.3 | 6.1 |
| BULLSEYE | 5.3 | 5.7 | 6.3 | 6.0 | 6.3 | 6.3 | 6.7 | 6.3 | 6.1 |
| FALCON IV | 5.7 | 5.0 | 6.7 | 6.0 | 6.7 | 6.7 | 6.3 | 6.0 | 6.1 |
| IS-TF 269 SEL | 5.7 | 4.3 | 6.3 | 6.3 | 6.3 | 6.7 | 6.7 | 6.3 | 6.1 |
| PSG-GSD | 5.0 | 5.3 | 6.7 | 6.3 | 6.0 | 6.7 | 6.3 | 6.3 | 6.1 |
| INSPIRATION (PST-R5NW) | 5.3 | 5.0 | 6.3 | 5.7 | 6.3 | 6.7 | 6.3 | 6.0 | 6.0 |
| UNITUS (IS-TF 289) | 5.7 | 5.0 | 6.3 | 6.0 | 6.0 | 6.3 | 6.3 | 6.3 | 6.0 |
| K12-05 | 4.7 | 4.7 | 6.7 | 6.0 | 6.7 | 6.7 | 6.7 | 6.0 | 6.0 |
| KINGDOM (DB1) | 5.3 | 4.7 | 6.3 | 6.3 | 6.0 | 6.7 | 6.7 | 6.0 | 6.0 |
| MERIDIAN (PST-5GRB) | 6.0 | 5.3 | 6.0 | 5.7 | 6.0 | 7.0 | 6.3 | 5.7 | 6.0 |

TABLE 26.
(CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT BLACKSBURG, VA 1/
2015 DATA

| NAME | TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/ | | | | | | | | |
|-----------------------|--|------|------|------|------|-----|------|------|------|
| | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | MEAN |
| PSG-8BP2 | 5.7 | 4.3 | 6.3 | 6.0 | 6.7 | 6.7 | 6.7 | 5.7 | 6.0 |
| PST-5DZP | 6.0 | 4.7 | 6.3 | 5.7 | 6.3 | 6.3 | 6.3 | 6.7 | 6.0 |
| SWAGGER (PST-5R05) | 5.7 | 6.3 | 6.0 | 5.3 | 6.0 | 6.7 | 6.0 | 6.0 | 6.0 |
| THUNDERSTRUCK (TD1) | 6.0 | 4.7 | 6.3 | 6.0 | 6.3 | 6.7 | 6.3 | 6.0 | 6.0 |
| BAR FA 120878 | 5.0 | 5.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.0 | 5.7 | 5.9 |
| PST-5EX2 | 5.3 | 5.7 | 6.0 | 6.0 | 5.3 | 6.3 | 6.3 | 6.3 | 5.9 |
| RAD-TF-83 | 5.7 | 4.3 | 6.3 | 6.0 | 5.7 | 6.7 | 6.3 | 6.0 | 5.9 |
| BAR FA 121091 | 5.3 | 4.7 | 6.0 | 5.7 | 6.3 | 6.0 | 6.7 | 6.0 | 5.8 |
| DIABLO (IS-TF 330) | 5.7 | 5.0 | 6.0 | 6.0 | 5.7 | 6.3 | 6.0 | 5.7 | 5.8 |
| JS 819 | 6.0 | 5.0 | 5.7 | 5.3 | 5.7 | 6.3 | 6.3 | 5.7 | 5.8 |
| MARAUDER | 5.7 | 5.0 | 5.7 | 5.7 | 5.7 | 6.3 | 6.0 | 6.3 | 5.8 |
| OLYMPUS (RAD-TF-88) | 5.7 | 5.0 | 6.0 | 5.7 | 6.0 | 6.3 | 6.0 | 6.0 | 5.8 |
| TEMPTATION (OR-21) | 5.7 | 5.3 | 5.7 | 5.0 | 5.7 | 6.3 | 6.3 | 6.0 | 5.8 |
| WARHAWK | 5.3 | 4.3 | 6.3 | 5.3 | 6.3 | 6.3 | 6.3 | 6.0 | 5.8 |
| FRONTLINE (EXP TF-09) | 5.7 | 4.7 | 5.7 | 5.3 | 5.7 | 6.3 | 6.0 | 6.0 | 5.7 |
| JS 825 | 5.0 | 4.7 | 6.0 | 5.3 | 6.3 | 6.3 | 6.0 | 6.0 | 5.7 |
| MEMPHIS (GO-DFR) | 5.3 | 4.3 | 5.7 | 5.3 | 6.0 | 6.0 | 6.3 | 5.7 | 5.6 |
| JS 818 | 5.7 | 5.0 | 5.3 | 5.7 | 5.0 | 6.0 | 6.0 | 6.0 | 5.6 |
| IS-TF 272 | 5.0 | 4.3 | 5.7 | 5.3 | 5.3 | 6.0 | 6.0 | 6.0 | 5.5 |
| JS 809 | 5.0 | 5.0 | 5.7 | 5.3 | 5.3 | 6.0 | 6.0 | 6.0 | 5.5 |
| KY-31 | 4.7 | 5.0 | 5.7 | 6.0 | 5.7 | 6.0 | 6.0 | 5.3 | 5.5 |
| BAR FA 121095 | 5.3 | 4.3 | 5.3 | 5.3 | 5.3 | 5.7 | 6.0 | 6.0 | 5.4 |
| 204 RES. BLK4 | 5.7 | 4.3 | 5.0 | 4.7 | 5.3 | 6.0 | 6.0 | 5.7 | 5.3 |
| ANNIHILATOR | 5.3 | 4.0 | 5.3 | 4.7 | 5.7 | 5.7 | 6.3 | 5.3 | 5.3 |
| COMP. RES. SST | 5.3 | 4.0 | 5.0 | 4.3 | 5.3 | 5.3 | 5.3 | 6.0 | 5.1 |
| K12-13 | 4.7 | 4.0 | 4.7 | 4.3 | 4.7 | 5.0 | 4.7 | 4.3 | 4.5 |
| LSD VALUE | 1.4 | 1.5 | 1.4 | 1.9 | 1.6 | 1.3 | 1.4 | 1.4 | 1.0 |
| C.V. (%) | 11.6 | 14.2 | 11.5 | 14.5 | 12.4 | 9.9 | 10.1 | 10.3 | 9.0 |

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

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

TABLE 27. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
IN THE 2012 NATIONAL TALL FESCUE TEST AT BLACKSBURG (TRAFFIC), VA 1/
2015 DATA

| NAME | TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/ | | | | | | | | MEAN |
|-----------------------------|--|-----|-----|-----|-----|-----|-----|-----|------|
| | APR | MAY | JUN | JUL | SEP | OCT | NOV | DEC | |
| MET-3 | 7.3 | 6.3 | 7.7 | 7.7 | 7.7 | 6.3 | 6.3 | 7.3 | 7.1 |
| 4TH MILLENNIUM SRP (U43) | 7.3 | 6.0 | 7.3 | 7.3 | 7.3 | 6.7 | 6.7 | 7.3 | 7.0 |
| CATALYST | 7.3 | 5.7 | 7.3 | 7.3 | 7.3 | 6.7 | 6.7 | 7.3 | 7.0 |
| RAPTOR III (ZW 44) | 6.7 | 6.0 | 8.0 | 7.3 | 7.7 | 5.7 | 6.0 | 6.7 | 6.8 |
| TRAVERSE 2 SRP (W45) | 6.7 | 6.0 | 7.7 | 7.3 | 7.0 | 6.0 | 6.0 | 6.7 | 6.7 |
| DYNAMITE LS (PPG-TF-145) | 7.0 | 5.3 | 7.0 | 7.0 | 7.0 | 6.3 | 6.3 | 7.0 | 6.6 |
| MET 1 | 6.7 | 5.7 | 7.7 | 7.0 | 7.0 | 6.0 | 6.0 | 6.7 | 6.6 |
| REFLECTION (U45) | 6.7 | 5.3 | 7.7 | 7.3 | 7.0 | 6.0 | 6.0 | 6.7 | 6.6 |
| FAYETTE (IS-TF 291) | 6.3 | 6.3 | 7.0 | 7.0 | 6.7 | 6.0 | 6.0 | 6.3 | 6.5 |
| FIREWALL (PSG-WE1) | 6.7 | 5.7 | 7.0 | 6.7 | 7.0 | 6.3 | 6.3 | 6.7 | 6.5 |
| BLOODHOUND (MET 6 SEL) | 6.3 | 6.3 | 7.3 | 7.0 | 7.0 | 5.7 | 5.7 | 6.3 | 6.5 |
| PSG-PO1 | 6.7 | 5.0 | 7.3 | 6.3 | 7.0 | 6.3 | 6.3 | 6.7 | 6.5 |
| XTENDER (PPG-TF-139) | 6.7 | 6.0 | 7.0 | 7.0 | 7.0 | 6.0 | 6.0 | 6.7 | 6.5 |
| ROWDY (SRX-TPC) | 6.7 | 5.7 | 6.7 | 6.0 | 6.7 | 6.3 | 6.3 | 6.7 | 6.4 |
| TITANIUM 2LS (PPG-TF-152) | 6.3 | 6.0 | 7.3 | 7.3 | 7.3 | 5.3 | 5.3 | 6.3 | 6.4 |
| W41 | 6.0 | 6.7 | 7.7 | 7.3 | 7.0 | 5.0 | 5.3 | 6.0 | 6.4 |
| ATF 1704 | 6.0 | 5.7 | 7.7 | 7.7 | 7.0 | 5.0 | 5.0 | 6.0 | 6.3 |
| GTO (BURL TF-2) | 6.3 | 5.7 | 7.0 | 7.0 | 6.7 | 5.7 | 6.0 | 6.3 | 6.3 |
| HOVER (BURL TF-69) | 6.3 | 5.7 | 7.7 | 6.7 | 6.7 | 5.3 | 5.7 | 6.3 | 6.3 |
| IS-TF 308 SEL | 6.0 | 6.3 | 7.3 | 7.3 | 7.3 | 5.0 | 5.0 | 6.0 | 6.3 |
| 'COMMANDER (PPG-TF-170) | 6.0 | 6.7 | 7.7 | 7.3 | 6.7 | 5.0 | 5.3 | 6.0 | 6.3 |
| ROCKWELL (LTP-TWJU) | 5.7 | 6.0 | 7.3 | 8.0 | 7.0 | 5.0 | 5.3 | 5.7 | 6.3 |
| BIZEM | 5.7 | 6.7 | 7.7 | 8.0 | 6.7 | 4.7 | 4.7 | 5.7 | 6.2 |
| FESNOVA | 6.0 | 6.0 | 7.3 | 6.7 | 6.7 | 5.3 | 5.7 | 6.0 | 6.2 |
| K12-MCD | 6.0 | 6.0 | 6.7 | 6.7 | 7.0 | 5.3 | 5.7 | 6.0 | 6.2 |
| MICHELANGELO (LTP-F5DPDR) | 6.0 | 5.7 | 7.0 | 7.0 | 6.3 | 5.7 | 5.7 | 6.0 | 6.2 |
| TURFWAY (IS-TF 282 M2) | 6.3 | 5.3 | 7.0 | 6.7 | 6.7 | 5.7 | 5.7 | 6.3 | 6.2 |
| ARES (PPG-TF-142) | 6.0 | 5.3 | 7.0 | 7.0 | 6.7 | 5.3 | 5.3 | 6.0 | 6.1 |
| BLACK TAIL (PPG-TF-150) | 6.0 | 6.3 | 7.0 | 6.7 | 6.7 | 5.0 | 5.0 | 6.0 | 6.1 |
| HOUND08 (IS-TF 307 SEL) | 6.0 | 6.0 | 7.3 | 6.3 | 7.3 | 5.0 | 5.0 | 6.0 | 6.1 |
| PPG-TF-169 | 6.0 | 6.3 | 7.0 | 6.7 | 7.0 | 5.0 | 5.0 | 6.0 | 6.1 |
| PPG-TF-172 | 5.7 | 6.0 | 7.7 | 7.0 | 7.0 | 4.7 | 5.0 | 5.7 | 6.1 |
| REGENERATE | 6.0 | 5.7 | 7.0 | 7.0 | 6.7 | 5.0 | 5.3 | 6.0 | 6.1 |
| SALTILLO (PST-5SALT) | 5.7 | 5.7 | 7.3 | 7.0 | 7.0 | 5.0 | 5.3 | 5.7 | 6.1 |
| TECHNIQUE (RZ2) | 6.0 | 6.3 | 7.0 | 7.0 | 6.7 | 5.0 | 5.0 | 6.0 | 6.1 |
| TERRANO | 6.0 | 5.7 | 7.0 | 6.3 | 6.0 | 6.0 | 6.0 | 6.0 | 6.1 |
| THOR (PPG-TF-157) | 5.7 | 6.0 | 7.3 | 7.3 | 6.7 | 5.0 | 5.0 | 5.7 | 6.1 |
| AVENGER II (PPG-TF-156) | 5.7 | 6.3 | 7.3 | 7.3 | 6.7 | 4.7 | 4.7 | 5.7 | 6.0 |
| AMITY (CCR2) | 5.3 | 6.0 | 7.7 | 7.0 | 7.3 | 4.3 | 4.7 | 5.3 | 6.0 |
| FIREBIRD 2 | 6.0 | 5.7 | 6.7 | 6.3 | 6.3 | 5.7 | 5.7 | 6.0 | 6.0 |
| FOXHOUND (IS-TF 284 M2) | 5.7 | 5.7 | 7.0 | 7.0 | 7.0 | 5.0 | 5.3 | 5.7 | 6.0 |
| HEMI | 6.7 | 4.7 | 6.3 | 6.0 | 6.7 | 5.7 | 5.7 | 6.7 | 6.0 |
| CROSSFIRE 4 (IS-TF 310 SEL) | 5.3 | 6.3 | 7.7 | 7.3 | 7.0 | 4.3 | 4.3 | 5.3 | 6.0 |
| JS 916 | 6.0 | 5.7 | 7.0 | 6.7 | 6.7 | 5.0 | 5.0 | 6.0 | 6.0 |
| MAESTRO (T31) | 6.0 | 5.3 | 6.3 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 |

TABLE 27. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
(CONT'D) IN THE 2012 NATIONAL TALL FESCUE TEST AT BLACKSBURG (TRAFFIC), VA 1/
2015 DATA

| NAME | TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/ | | | | | | | | |
|------------------------------|--|-----|-----|-----|-----|-----|-----|-----|------|
| | APR | MAY | JUN | JUL | SEP | OCT | NOV | DEC | MEAN |
| REBOUNDER (PICK-W43) | 5.7 | 6.0 | 7.3 | 7.3 | 7.0 | 4.7 | 4.7 | 5.7 | 6.0 |
| PPG-TF-115 | 6.3 | 5.3 | 6.7 | 6.3 | 6.3 | 5.3 | 5.3 | 6.3 | 6.0 |
| PARAMOUNT (PPG-TF-137) | 6.0 | 5.7 | 6.7 | 6.7 | 6.7 | 5.0 | 5.3 | 6.0 | 6.0 |
| PST-5BRK | 5.3 | 6.0 | 7.7 | 7.7 | 7.3 | 4.3 | 4.7 | 5.3 | 6.0 |
| RHAMBLER 2 SRP (LSD) | 6.0 | 5.3 | 6.7 | 6.3 | 6.3 | 5.7 | 5.7 | 6.0 | 6.0 |
| SCREAMER LS (PPG-TF-148) | 6.3 | 5.7 | 6.7 | 6.0 | 6.3 | 5.7 | 5.3 | 6.3 | 6.0 |
| AQUADUCT | 5.7 | 5.7 | 6.7 | 6.7 | 6.7 | 5.0 | 5.3 | 5.7 | 5.9 |
| ATF 1754 | 5.3 | 6.7 | 7.0 | 7.3 | 7.0 | 4.3 | 4.3 | 5.3 | 5.9 |
| B23 | 6.0 | 5.7 | 6.3 | 6.3 | 6.3 | 5.3 | 5.3 | 6.0 | 5.9 |
| F711 | 5.3 | 6.3 | 7.3 | 7.3 | 7.0 | 4.3 | 4.3 | 5.3 | 5.9 |
| RHIZING MOON (IS-TF 305 SEL) | 6.0 | 5.7 | 6.7 | 6.0 | 6.7 | 5.0 | 5.0 | 6.0 | 5.9 |
| LEONARDO (LTP-FSD) | 5.3 | 6.0 | 7.3 | 7.3 | 6.7 | 4.7 | 4.3 | 5.3 | 5.9 |
| PPG-TF-135 | 5.7 | 5.7 | 7.0 | 7.0 | 6.7 | 4.7 | 4.7 | 5.7 | 5.9 |
| PST-5BPO | 6.0 | 6.3 | 6.7 | 6.3 | 6.0 | 5.0 | 5.0 | 6.0 | 5.9 |
| ATF 1736 | 5.3 | 6.7 | 7.0 | 7.0 | 6.3 | 4.7 | 4.3 | 5.3 | 5.8 |
| EMBRACE (PST-5EV2) | 5.3 | 6.0 | 7.0 | 6.7 | 6.3 | 4.7 | 4.7 | 5.3 | 5.8 |
| FAITH | 6.0 | 5.0 | 6.7 | 5.7 | 6.7 | 5.0 | 5.3 | 6.0 | 5.8 |
| IS-TF 311 | 5.7 | 5.7 | 7.0 | 6.7 | 6.3 | 4.7 | 4.7 | 5.7 | 5.8 |
| IS-TF-287 | 6.0 | 5.7 | 6.3 | 5.7 | 6.0 | 5.3 | 5.3 | 6.0 | 5.8 |
| MERIDIAN (PST-5GRB) | 6.0 | 5.3 | 6.0 | 5.7 | 6.3 | 5.3 | 5.3 | 6.0 | 5.8 |
| PPG-TF-138 | 6.0 | 5.7 | 6.3 | 6.3 | 6.3 | 5.0 | 5.0 | 6.0 | 5.8 |
| PST-5DZP | 6.0 | 4.7 | 6.3 | 5.7 | 6.0 | 5.7 | 5.7 | 6.0 | 5.8 |
| RAIN DANCE (PST-5SDT) | 5.7 | 5.0 | 6.7 | 6.3 | 6.7 | 5.0 | 5.3 | 5.7 | 5.8 |
| TEMPLE (DZ1) | 5.7 | 5.3 | 7.0 | 6.3 | 6.3 | 5.0 | 4.7 | 5.7 | 5.8 |
| THUNDERSTRUCK (TD1) | 6.0 | 4.7 | 6.3 | 6.0 | 6.3 | 5.3 | 5.3 | 6.0 | 5.8 |
| BAR FA 121089 | 5.7 | 5.0 | 6.3 | 6.7 | 6.0 | 5.0 | 5.0 | 5.7 | 5.7 |
| GRANDE 3 | 5.3 | 5.0 | 7.3 | 7.0 | 6.7 | 4.3 | 4.3 | 5.3 | 5.7 |
| HOT ROD (BURL TF-136) | 5.3 | 5.7 | 6.7 | 6.7 | 6.3 | 4.7 | 4.7 | 5.3 | 5.7 |
| UNITUS (IS-TF 289) | 5.7 | 5.0 | 6.3 | 6.0 | 5.7 | 5.7 | 5.3 | 5.7 | 5.7 |
| PST-5MVD | 5.3 | 6.3 | 6.7 | 6.7 | 6.0 | 4.7 | 4.7 | 5.3 | 5.7 |
| SWAGGER (PST-5R05) | 5.7 | 6.3 | 6.0 | 5.3 | 6.0 | 5.0 | 5.3 | 5.7 | 5.7 |
| ATF 1612 | 5.7 | 5.0 | 6.7 | 6.0 | 6.3 | 4.7 | 5.0 | 5.7 | 5.6 |
| BULLSEYE | 5.3 | 5.7 | 6.3 | 6.0 | 6.0 | 5.0 | 5.3 | 5.3 | 5.6 |
| CAESAR (TY 10) | 5.3 | 6.0 | 6.3 | 6.3 | 5.7 | 5.0 | 5.0 | 5.3 | 5.6 |
| FALCON IV | 5.7 | 5.0 | 6.7 | 6.0 | 6.0 | 5.0 | 5.0 | 5.7 | 5.6 |
| FALCON V | 5.3 | 5.7 | 6.3 | 5.7 | 6.7 | 4.7 | 5.0 | 5.3 | 5.6 |
| IS-TF 269 SEL | 5.7 | 4.3 | 6.3 | 6.3 | 6.0 | 5.3 | 5.3 | 5.7 | 5.6 |
| IS-TF 276 M2 | 5.7 | 5.3 | 6.3 | 6.0 | 6.3 | 4.7 | 4.7 | 5.7 | 5.6 |
| NIGHTCRAWLER (IS-TF 285) | 5.3 | 5.3 | 6.7 | 6.3 | 6.3 | 4.7 | 5.0 | 5.3 | 5.6 |
| WICHITA (PPG-TF-151) | 5.3 | 6.0 | 6.7 | 6.3 | 6.3 | 4.3 | 4.3 | 5.3 | 5.6 |
| PSG-TT4 | 5.7 | 6.0 | 6.3 | 6.0 | 6.0 | 4.7 | 4.7 | 5.7 | 5.6 |
| DIABLO (IS-TF 330) | 5.7 | 5.0 | 6.0 | 6.0 | 6.0 | 4.7 | 4.7 | 5.7 | 5.5 |
| FRONTLINE (EXP TF-09) | 5.7 | 4.7 | 5.7 | 5.3 | 6.0 | 5.3 | 5.3 | 5.7 | 5.5 |
| JS 818 | 5.7 | 5.0 | 5.3 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.5 |
| JS 819 | 6.0 | 5.0 | 5.7 | 5.3 | 6.0 | 5.0 | 5.0 | 6.0 | 5.5 |

TABLE 27. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF TALL FESCUE CULTIVARS
 (CONT'D) IN THE 2012 NATIONAL TALL FESCUE TEST AT BLACKSBURG (TRAFFIC), VA 1/
 2015 DATA

| NAME | TURFGRASS QUALITY RATINGS 1-9; 9=BEST 2/ | | | | | | | | |
|------------------------------|--|------|------|------|-----|------|------|------|------|
| | APR | MAY | JUN | JUL | SEP | OCT | NOV | DEC | MEAN |
| KINGDOM (DB1) | 5.3 | 4.7 | 6.3 | 6.3 | 6.3 | 4.7 | 4.7 | 5.3 | 5.5 |
| MARAUDER | 5.7 | 5.0 | 5.7 | 5.7 | 5.7 | 5.3 | 5.3 | 5.7 | 5.5 |
| PSG-8BP2 | 5.7 | 4.3 | 6.3 | 6.0 | 6.0 | 5.0 | 5.0 | 5.7 | 5.5 |
| PST-5EX2 | 5.3 | 5.7 | 6.0 | 6.0 | 6.3 | 4.7 | 5.0 | 5.3 | 5.5 |
| RAD-TF-83 | 5.7 | 4.3 | 6.3 | 6.0 | 6.0 | 5.0 | 5.0 | 5.7 | 5.5 |
| OLYMPUS (RAD-TF-88) | 5.7 | 5.0 | 6.0 | 5.7 | 5.7 | 5.3 | 5.3 | 5.7 | 5.5 |
| RAD-TF-89 | 5.7 | 5.7 | 6.3 | 5.7 | 6.0 | 4.7 | 4.7 | 5.7 | 5.5 |
| TEMPTATION (OR-21) | 5.7 | 5.3 | 5.7 | 5.0 | 5.7 | 5.3 | 5.3 | 5.7 | 5.5 |
| FIRECRACKER SLS (PPG-TF-105) | 5.0 | 5.7 | 7.0 | 6.7 | 6.0 | 4.0 | 4.0 | 5.0 | 5.4 |
| INSPIRATION (PST-R5NW) | 5.3 | 5.0 | 6.3 | 5.7 | 6.0 | 4.7 | 4.7 | 5.3 | 5.4 |
| PSG-GSD | 5.0 | 5.3 | 6.7 | 6.3 | 5.7 | 4.3 | 4.7 | 5.0 | 5.4 |
| BAR FA 120878 | 5.0 | 5.3 | 6.3 | 6.3 | 5.3 | 4.7 | 4.7 | 5.0 | 5.3 |
| BAR FA 121091 | 5.3 | 4.7 | 6.0 | 5.7 | 5.3 | 5.0 | 4.7 | 5.3 | 5.3 |
| RAD-TF-92 | 5.0 | 4.7 | 6.7 | 6.3 | 6.3 | 4.0 | 4.3 | 5.0 | 5.3 |
| WARHAWK | 5.3 | 4.3 | 6.3 | 5.3 | 6.0 | 4.7 | 4.7 | 5.3 | 5.3 |
| BAR FA 121095 | 5.3 | 4.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.2 |
| MEMPHIS (GO-DFR) | 5.3 | 4.3 | 5.7 | 5.3 | 5.3 | 5.0 | 5.0 | 5.3 | 5.2 |
| 204 RES. BLK4 | 5.7 | 4.3 | 5.0 | 4.7 | 5.7 | 4.7 | 4.7 | 5.7 | 5.0 |
| ANNIHILATOR | 5.3 | 4.0 | 5.3 | 4.7 | 5.7 | 5.0 | 5.0 | 5.3 | 5.0 |
| COMP. RES. SST | 5.3 | 4.0 | 5.0 | 4.3 | 5.0 | 5.3 | 5.3 | 5.3 | 5.0 |
| IS-TF 272 | 5.0 | 4.3 | 5.7 | 5.3 | 5.3 | 4.7 | 4.7 | 5.0 | 5.0 |
| JS 809 | 5.0 | 5.0 | 5.7 | 5.3 | 5.0 | 4.7 | 4.7 | 5.0 | 5.0 |
| JS 825 | 5.0 | 4.7 | 6.0 | 5.3 | 5.3 | 4.3 | 4.3 | 5.0 | 5.0 |
| K12-05 | 4.7 | 4.7 | 6.7 | 6.0 | 6.0 | 3.7 | 3.7 | 4.7 | 5.0 |
| KY-31 | 4.7 | 5.0 | 5.7 | 6.0 | 5.7 | 3.7 | 3.7 | 4.7 | 4.9 |
| K12-13 | 4.7 | 4.0 | 4.7 | 4.3 | 4.3 | 4.3 | 4.0 | 4.7 | 4.4 |
| LSD VALUE | 1.4 | 1.5 | 1.4 | 1.9 | . | 1.8 | 1.5 | 1.4 | 1.0 |
| C.V. (%) | 11.6 | 14.2 | 11.5 | 14.5 | . | 15.4 | 14.5 | 11.6 | 9.2 |

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

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

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/
2015 DATA

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

| NAME | INITIAL COVER IN MAY | | BEFORE TRAFFIC AUGUST 31 | | MIDDLE SEASON TRAFFIC IN OCTOBER | | END TRAFFIC IN EARLY NOVEMBER | | 2-WEEKS AFTER TRAFFIC IN MIDDLE NOVEMBER | |
|-----------------------------|-------------------------|---------|-----------------------------|---------|-------------------------------------|--------|----------------------------------|--------|---|--------|
| | % GREEN | % STRAW | % GREEN | % STRAW | % GREEN | % BARE | % GREEN | % BARE | % GREEN | % BARE |
| MET-3 | 85.0 | 15.0 | 99.0 | 0.0 | 80.0 | 20.0 | 61.7 | 26.7 | 56.7 | 40.0 |
| 4TH MILLENNIUM SRP (U43) | 85.0 | 15.0 | 99.0 | 0.0 | 81.7 | 18.3 | 63.3 | 31.7 | 53.3 | 36.7 |
| CATALYST | 80.0 | 20.0 | 99.0 | 0.0 | 69.7 | 30.0 | 50.0 | 36.7 | 36.7 | 33.3 |
| RAPTOR III (ZW 44) | 86.7 | 13.3 | 99.0 | 0.0 | 93.0 | 6.7 | 76.7 | 6.7 | 70.0 | 13.3 |
| TRAVERSE 2 SRP (W45) | 76.7 | 23.3 | 94.3 | 5.0 | 65.0 | 35.0 | 55.0 | 35.0 | 45.0 | 33.3 |
| DYNAMITE LS (PPG-TF-145) | 85.0 | 15.0 | 99.0 | 0.0 | 81.7 | 18.3 | 61.7 | 25.0 | 51.7 | 33.3 |
| MET 1 | 86.7 | 13.3 | 99.0 | 0.0 | 78.3 | 21.7 | 55.0 | 28.3 | 43.3 | 26.7 |
| REFLECTION (U45) | 73.3 | 26.7 | 91.0 | 8.3 | 61.7 | 38.3 | 46.7 | 38.3 | 38.3 | 31.7 |
| FAYETTE (IS-TF 291) | 85.0 | 15.0 | 99.0 | 0.0 | 75.0 | 25.0 | 60.0 | 31.7 | 48.3 | 38.3 |
| FIREWALL (PSG-WE1) | 80.0 | 20.0 | 99.0 | 0.0 | 71.7 | 28.3 | 55.0 | 35.0 | 40.0 | 23.3 |
| BLOODHOUND (MET 6 SEL) | 81.7 | 18.3 | 99.0 | 0.0 | 76.7 | 23.3 | 60.0 | 36.7 | 51.7 | 26.7 |
| PSG-PO1 | 81.7 | 18.3 | 99.0 | 0.0 | 75.0 | 25.0 | 53.3 | 38.3 | 45.0 | 31.7 |
| XTENDER (PPG-TF-139) | 80.0 | 20.0 | 94.3 | 5.0 | 68.3 | 31.7 | 48.3 | 38.3 | 40.0 | 33.3 |
| ROWDY (SRX-TPC) | 78.3 | 21.7 | 99.0 | 0.0 | 76.7 | 23.3 | 55.0 | 30.0 | 50.0 | 33.3 |
| TITANIUM 2LS (PPG-TF-152) | 81.7 | 18.3 | 99.0 | 0.0 | 58.3 | 41.7 | 45.0 | 48.3 | 33.3 | 41.7 |
| W41 | 85.0 | 15.0 | 99.0 | 0.0 | 68.3 | 31.7 | 46.7 | 45.0 | 35.0 | 35.0 |
| ATF 1704 | 83.3 | 16.7 | 99.0 | 0.0 | 71.7 | 28.3 | 53.3 | 35.0 | 43.3 | 23.3 |
| GTO (BURL TF-2) | 78.3 | 21.7 | 87.7 | 11.7 | 66.7 | 33.3 | 55.0 | 33.3 | 48.3 | 35.0 |
| HOVER (BURL TF-69) | 83.3 | 16.7 | 99.0 | 0.0 | 78.3 | 21.7 | 56.7 | 28.3 | 43.3 | 23.3 |
| IS-TF 308 SEL | 86.7 | 13.3 | 97.7 | 1.7 | 80.0 | 20.0 | 63.3 | 26.7 | 55.0 | 31.7 |
| 'COMMANDER (PPG-TF-170) | 78.3 | 21.7 | 99.0 | 0.0 | 66.7 | 33.3 | 53.3 | 40.0 | 41.7 | 30.0 |
| ROCKWELL (LTP-TWUU) | 90.0 | 10.0 | 99.0 | 0.0 | 80.0 | 20.0 | 61.7 | 33.3 | 53.3 | 30.0 |
| BIZEM | 81.7 | 18.3 | 99.0 | 0.0 | 83.3 | 16.7 | 63.3 | 23.3 | 56.7 | 21.7 |
| FESNOVA | 78.3 | 21.7 | 97.7 | 1.7 | 63.3 | 36.7 | 40.0 | 50.0 | 26.7 | 46.7 |
| K12-MCD | 85.0 | 15.0 | 99.0 | 0.0 | 80.0 | 20.0 | 53.3 | 26.7 | 41.7 | 21.7 |
| MICHELANGELO (LTP-F5DPDR) | 83.3 | 16.7 | 97.7 | 1.7 | 75.0 | 25.0 | 53.3 | 31.7 | 41.7 | 26.7 |
| TURFWAY (IS-TF 282 M2) | 76.7 | 23.3 | 94.3 | 5.0 | 68.3 | 31.7 | 51.7 | 45.0 | 45.0 | 43.3 |
| ARES (PPG-TF-142) | 78.3 | 21.7 | 96.0 | 3.3 | 70.0 | 30.0 | 56.7 | 30.0 | 50.0 | 30.0 |
| BLACK TAIL (PPG-TF-150) | 80.0 | 20.0 | 96.0 | 3.3 | 76.7 | 23.3 | 55.0 | 30.0 | 48.3 | 26.7 |
| HOUNDG8 (IS-TF 307 SEL) | 70.0 | 30.0 | 96.0 | 3.3 | 51.7 | 48.3 | 31.7 | 61.7 | 21.7 | 45.0 |
| PPG-TF-169 | 81.7 | 18.3 | 99.0 | 0.0 | 81.7 | 18.3 | 61.7 | 25.0 | 56.7 | 21.7 |
| PPG-TF-172 | 80.0 | 20.0 | 99.0 | 0.0 | 71.7 | 28.3 | 58.3 | 28.3 | 46.7 | 33.3 |
| REGENERATE | 78.3 | 21.7 | 94.3 | 5.0 | 63.3 | 36.7 | 43.3 | 50.0 | 26.7 | 45.0 |
| SALTILLO (PST-5SALT) | 78.3 | 21.7 | 99.0 | 0.0 | 70.0 | 30.0 | 58.3 | 30.0 | 48.3 | 23.3 |
| TECHNIQUE (RZ2) | 85.0 | 15.0 | 99.0 | 0.0 | 78.0 | 21.7 | 56.7 | 35.0 | 50.0 | 40.0 |
| TERRANO | 73.3 | 26.7 | 91.3 | 8.3 | 65.0 | 35.0 | 51.7 | 41.7 | 41.7 | 43.3 |
| THOR (PPG-TF-157) | 68.3 | 31.7 | 94.3 | 5.0 | 71.7 | 28.3 | 56.7 | 35.0 | 45.0 | 41.7 |
| AVENGER II (PPG-TF-156) | 80.0 | 20.0 | 99.0 | 0.0 | 81.7 | 18.3 | 61.7 | 18.3 | 51.7 | 30.0 |
| AMITY (CCR2) | 80.0 | 20.0 | 99.0 | 0.0 | 75.0 | 25.0 | 56.7 | 31.7 | 46.7 | 25.0 |
| FIREBIRD 2 | 81.7 | 18.3 | 99.0 | 0.0 | 68.3 | 31.7 | 55.0 | 38.3 | 46.7 | 38.3 |
| FOXHOUND (IS-TF 284 M2) | 73.3 | 26.7 | 92.7 | 6.7 | 70.0 | 30.0 | 55.0 | 30.0 | 43.3 | 30.0 |
| HEMI | 80.0 | 20.0 | 97.7 | 1.7 | 60.0 | 40.0 | 38.3 | 53.3 | 30.0 | 50.0 |
| CROSSFIRE 4 (IS-TF 310 SEL) | 68.3 | 31.7 | 89.3 | 10.0 | 53.3 | 46.7 | 38.3 | 46.7 | 23.3 | 31.7 |
| JS 916 | 75.0 | 25.0 | 99.0 | 0.0 | 73.3 | 26.7 | 58.3 | 26.7 | 50.0 | 16.7 |
| MAESTRO (T31) | 76.7 | 23.3 | 99.0 | 0.0 | 68.3 | 31.7 | 50.0 | 38.3 | 45.0 | 35.0 |

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/
2015 DATA

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

| NAME | INITIAL COVER IN MAY | | BEFORE TRAFFIC AUGUST 31 | | MIDDLE SEASON TRAFFIC IN OCTOBER | | END TRAFFIC IN EARLY NOVEMBER | | 2-WEEKS AFTER TRAFFIC IN MIDDLE NOVEMBER | |
|------------------------------|-------------------------|---------|-----------------------------|---------|-------------------------------------|--------|----------------------------------|--------|---|--------|
| | % GREEN | % STRAW | % GREEN | % STRAW | % GREEN | % BARE | % GREEN | % BARE | % GREEN | % BARE |
| REBOUNDER (PICK-W43) | 80.0 | 20.0 | 99.0 | 0.0 | 71.7 | 28.3 | 51.7 | 41.7 | 45.0 | 36.7 |
| PPG-TF-115 | 81.7 | 18.3 | 99.0 | 0.0 | 78.3 | 21.7 | 55.0 | 28.3 | 45.0 | 26.7 |
| PARAMOUNT (PPG-TF-137) | 85.0 | 15.0 | 99.0 | 0.0 | 75.0 | 25.0 | 55.0 | 38.3 | 43.3 | 30.0 |
| PST-5BRK | 78.3 | 21.7 | 96.0 | 3.3 | 70.0 | 30.0 | 56.7 | 30.0 | 45.0 | 26.7 |
| RHAMBLER 2 SRP (LSD) | 78.3 | 21.7 | 99.0 | 0.0 | 85.0 | 15.0 | 65.0 | 21.7 | 60.0 | 30.0 |
| SCREAMER LS (PPG-TF-148) | 83.3 | 16.7 | 99.0 | 0.0 | 71.7 | 28.3 | 51.7 | 41.7 | 45.0 | 36.7 |
| AQUADUCT | 88.3 | 11.7 | 99.0 | 0.0 | 78.3 | 21.7 | 61.7 | 21.7 | 53.3 | 26.7 |
| ATF 1754 | 86.7 | 13.3 | 99.0 | 0.0 | 78.0 | 21.7 | 55.0 | 35.0 | 45.0 | 33.3 |
| B23 | 85.0 | 15.0 | 99.0 | 0.0 | 89.7 | 10.0 | 71.7 | 10.0 | 66.7 | 20.0 |
| F711 | 80.0 | 20.0 | 99.0 | 0.0 | 65.0 | 35.0 | 50.0 | 41.7 | 36.7 | 36.7 |
| RHIZING MOON (IS-TF 305 SEL) | 81.7 | 18.3 | 99.0 | 0.0 | 78.3 | 21.7 | 60.0 | 21.7 | 53.3 | 21.7 |
| LEONARDO (LTP-FSD) | 73.3 | 26.7 | 92.7 | 6.7 | 71.7 | 28.3 | 53.3 | 28.3 | 40.0 | 18.3 |
| PPG-TF-135 | 81.7 | 18.3 | 99.0 | 0.0 | 70.0 | 30.0 | 50.0 | 50.0 | 43.3 | 41.7 |
| PST-5BPO | 73.3 | 26.7 | 92.7 | 6.7 | 61.7 | 38.3 | 45.0 | 45.0 | 38.3 | 43.3 |
| ATF 1736 | 73.3 | 26.7 | 96.0 | 3.3 | 70.0 | 30.0 | 50.0 | 43.3 | 45.0 | 30.0 |
| EMBRACE (PST-5EV2) | 83.3 | 16.7 | 99.0 | 0.0 | 73.3 | 26.7 | 53.3 | 40.0 | 46.7 | 46.7 |
| FAITH | 83.3 | 16.7 | 99.0 | 0.0 | 68.3 | 31.7 | 55.0 | 38.3 | 45.0 | 30.0 |
| IS-TF 311 | 85.0 | 15.0 | 99.0 | 0.0 | 66.7 | 33.3 | 48.3 | 46.7 | 35.0 | 40.0 |
| IS-TF-287 | 86.7 | 13.3 | 99.0 | 0.0 | 78.3 | 21.7 | 56.7 | 35.0 | 45.0 | 30.0 |
| MERIDIAN (PST-5GRB) | 81.7 | 18.3 | 99.0 | 0.0 | 65.0 | 35.0 | 41.7 | 48.3 | 31.7 | 41.7 |
| PPG-TF-138 | 83.3 | 16.7 | 99.0 | 0.0 | 81.7 | 18.3 | 70.0 | 18.3 | 58.3 | 23.3 |
| PST-5DZP | 81.7 | 18.3 | 99.0 | 0.0 | 66.7 | 33.3 | 48.3 | 46.7 | 38.3 | 38.3 |
| RAIN DANCE (PST-5SDT) | 76.7 | 23.3 | 94.3 | 5.0 | 53.3 | 46.7 | 40.0 | 46.7 | 28.3 | 31.7 |
| TEMPLE (DZ1) | 85.0 | 15.0 | 99.0 | 0.0 | 86.7 | 13.3 | 70.0 | 26.7 | 63.3 | 20.0 |
| THUNDERSTRUCK (TD1) | 80.0 | 20.0 | 92.7 | 6.7 | 70.0 | 30.0 | 56.7 | 30.0 | 45.0 | 30.0 |
| BAR FA 121089 | 73.3 | 26.7 | 87.7 | 11.7 | 61.7 | 38.3 | 41.7 | 45.0 | 33.3 | 50.0 |
| GRANDE 3 | 78.3 | 21.7 | 99.0 | 0.0 | 71.7 | 28.3 | 53.3 | 35.0 | 41.7 | 25.0 |
| HOT ROD (BURL TF-136) | 73.3 | 26.7 | 99.0 | 0.0 | 61.7 | 38.3 | 45.0 | 45.0 | 31.7 | 28.3 |
| UNITUS (IS-TF 289) | 78.3 | 21.7 | 96.0 | 3.3 | 71.7 | 28.3 | 53.3 | 35.0 | 41.7 | 43.3 |
| PST-5MVD | 81.7 | 18.3 | 96.0 | 3.3 | 81.7 | 18.3 | 63.3 | 25.0 | 53.3 | 26.7 |
| SWAGGER (PST-5R05) | 78.3 | 21.7 | 97.7 | 1.7 | 76.7 | 23.3 | 53.3 | 30.0 | 45.0 | 18.3 |
| ATF 1612 | 83.3 | 16.7 | 99.0 | 0.0 | 75.0 | 25.0 | 51.7 | 45.0 | 45.0 | 41.7 |
| BULLSEYE | 80.0 | 20.0 | 99.0 | 0.0 | 70.0 | 30.0 | 56.7 | 30.0 | 48.3 | 31.7 |
| CAESAR (TY 10) | 76.7 | 23.3 | 99.0 | 0.0 | 63.3 | 36.7 | 45.0 | 36.7 | 30.0 | 35.0 |
| FALCON IV | 80.0 | 20.0 | 99.0 | 0.0 | 65.0 | 35.0 | 45.0 | 41.7 | 31.7 | 36.7 |
| FALCON V | 76.7 | 23.3 | 99.0 | 0.0 | 70.0 | 30.0 | 48.3 | 36.7 | 33.3 | 20.0 |
| IS-TF 269 SEL | 81.7 | 18.3 | 99.0 | 0.0 | 75.0 | 25.0 | 61.7 | 25.0 | 58.3 | 15.0 |
| IS-TF 276 M2 | 78.3 | 21.7 | 99.0 | 0.0 | 91.7 | 8.3 | 61.7 | 15.0 | 46.7 | 21.7 |
| NIGHTCRAWLER (IS-TF 285) | 71.7 | 28.3 | 99.0 | 0.0 | 68.3 | 31.7 | 56.7 | 31.7 | 48.3 | 26.7 |
| WICHITA (PPG-TF-151) | 88.3 | 11.7 | 99.0 | 0.0 | 86.7 | 13.3 | 68.3 | 20.0 | 60.0 | 26.7 |
| PSG-TT4 | 80.0 | 20.0 | 99.0 | 0.0 | 75.0 | 25.0 | 61.7 | 31.7 | 51.7 | 23.3 |
| DIABLO (IS-TF 330) | 81.7 | 18.3 | 99.0 | 0.0 | 81.7 | 18.3 | 63.3 | 25.0 | 51.7 | 13.3 |
| FRONTLINE (EXP TF-09) | 73.3 | 26.7 | 92.7 | 6.7 | 66.7 | 33.3 | 45.0 | 40.0 | 33.3 | 21.7 |
| JS 818 | 75.0 | 25.0 | 99.0 | 0.0 | 76.7 | 23.3 | 56.7 | 36.7 | 48.3 | 28.3 |
| JS 819 | 68.3 | 31.7 | 86.3 | 13.3 | 63.3 | 36.7 | 48.3 | 43.3 | 38.3 | 40.0 |

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/
2015 DATA

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

| NAME | INITIAL COVER IN MAY | | BEFORE TRAFFIC AUGUST 31 | | MIDDLE SEASON TRAFFIC IN OCTOBER | | END TRAFFIC IN EARLY NOVEMBER | | 2-WEEKS AFTER TRAFFIC IN MIDDLE NOVEMBER | |
|------------------------------|-------------------------|---------|-----------------------------|---------|-------------------------------------|--------|----------------------------------|--------|---|--------|
| | % GREEN | % STRAW | % GREEN | % STRAW | % GREEN | % BARE | % GREEN | % BARE | % GREEN | % BARE |
| KINGDOM (DB1) | 68.3 | 31.7 | 97.7 | 1.7 | 65.0 | 35.0 | 50.0 | 41.7 | 43.3 | 36.7 |
| MARAUDER | 71.7 | 28.3 | 99.0 | 0.0 | 65.0 | 35.0 | 46.7 | 41.7 | 31.7 | 18.3 |
| PSG-8BP2 | 78.3 | 21.7 | 99.0 | 0.0 | 73.3 | 26.7 | 56.7 | 26.7 | 48.3 | 30.0 |
| PST-5EX2 | 85.0 | 15.0 | 99.0 | 0.0 | 76.7 | 23.3 | 56.7 | 23.3 | 45.0 | 23.3 |
| RAD-TF-83 | 78.3 | 21.7 | 92.7 | 6.7 | 76.7 | 23.3 | 58.3 | 23.3 | 51.7 | 28.3 |
| OLYMPUS (RAD-TF-88) | 78.3 | 21.7 | 99.0 | 0.0 | 70.0 | 30.0 | 55.0 | 36.7 | 41.7 | 28.3 |
| RAD-TF-89 | 81.7 | 18.3 | 99.0 | 0.0 | 70.0 | 30.0 | 46.7 | 36.7 | 35.0 | 28.3 |
| TEMPTATION (OR-21) | 68.3 | 31.7 | 81.3 | 18.3 | 66.7 | 33.3 | 50.0 | 40.0 | 40.0 | 41.7 |
| FIRECRACKER SLS (PPG-TF-105) | 81.7 | 18.3 | 99.0 | 0.0 | 81.7 | 18.3 | 60.0 | 25.0 | 50.0 | 28.3 |
| INSPIRATION (PST-R5NW) | 80.0 | 20.0 | 99.0 | 0.0 | 70.0 | 30.0 | 51.7 | 36.7 | 40.0 | 20.0 |
| PSG-GSD | 80.0 | 20.0 | 99.0 | 0.0 | 75.0 | 25.0 | 58.3 | 31.7 | 45.0 | 35.0 |
| BAR FA 120878 | 71.7 | 28.3 | 89.3 | 10.0 | 66.7 | 33.3 | 48.3 | 40.0 | 35.0 | 40.0 |
| BAR FA 121091 | 71.7 | 28.3 | 99.0 | 0.0 | 60.0 | 40.0 | 41.7 | 46.7 | 33.3 | 31.7 |
| RAD-TF-92 | 71.7 | 28.3 | 92.7 | 6.7 | 55.0 | 45.0 | 45.0 | 45.0 | 31.7 | 43.3 |
| WARHAWK | 75.0 | 25.0 | 99.0 | 0.0 | 63.3 | 36.7 | 45.0 | 50.0 | 35.0 | 36.7 |
| BAR FA 121095 | 80.0 | 20.0 | 99.0 | 0.0 | 80.0 | 20.0 | 61.7 | 20.0 | 48.3 | 10.0 |
| MEMPHIS (GO-DFR) | 76.7 | 23.3 | 99.0 | 0.0 | 68.3 | 31.7 | 50.0 | 45.0 | 38.3 | 41.7 |
| 204 RES. BLK4 | 71.7 | 28.3 | 97.7 | 1.7 | 66.7 | 33.3 | 51.7 | 40.0 | 40.0 | 16.7 |
| ANNIHILATOR | 76.7 | 23.3 | 96.0 | 3.3 | 71.7 | 28.3 | 50.0 | 48.3 | 43.3 | 45.0 |
| COMP. RES. SST | 81.7 | 18.3 | 97.7 | 1.7 | 76.7 | 23.3 | 60.0 | 30.0 | 51.7 | 28.3 |
| IS-TF 272 | 75.0 | 25.0 | 99.0 | 0.0 | 78.3 | 21.7 | 55.0 | 35.0 | 48.3 | 21.7 |
| JS 809 | 81.7 | 18.3 | 97.7 | 1.7 | 73.3 | 26.7 | 60.0 | 26.7 | 50.0 | 31.7 |
| JS 825 | 78.3 | 21.7 | 99.0 | 0.0 | 71.7 | 28.3 | 48.3 | 41.7 | 40.0 | 23.3 |
| K12-05 | 76.7 | 23.3 | 99.0 | 0.0 | 81.7 | 18.3 | 61.7 | 18.3 | 50.0 | 13.3 |
| KY-31 | 73.3 | 26.7 | 83.0 | 16.7 | 58.3 | 41.7 | 41.7 | 48.3 | 31.7 | 40.0 |
| K12-13 | 76.7 | 23.3 | 99.0 | 0.0 | 60.0 | 40.0 | 50.0 | 40.0 | 45.0 | 28.3 |
| LSD VALUE | 26.1 | 26.1 | 26.3 | 27.4 | 65.1 | 65.1 | 65.2 | 76.6 | 72.6 | 93.1 |
| C.V. (%) | 9.7 | 36.9 | 6.2 | 320.8 | 19.5 | 50.2 | 25.0 | 48.1 | 35.2 | 54.0 |

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.